



ING. ENRICO ULISSE AVANZI

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REGIONE CAMPANIA

PROVINCIA BENEVENTO

IMPIANTO DI DISCARICA PER RIFIUTI NON PERICOLOSI
ex Legge n. 87 del 05.07.2007
in località "LA NOCECCHIA" in Comune di
SANT'ARCANGELO TRIMONTE (BN)



DANECO IMPIANTI SRL Socio Unico
Sede legale e amministrativa:
via G. Bensi 12/5 - 20152 Milano

OPERE DI MESSA IN SICUREZZA DEL SITO DELLA DISCARICA

PROGETTO ESECUTIVO

FASCICOLO DI CALCOLO 6 - ANALISI TRAVI COMPOSTE TIPO B

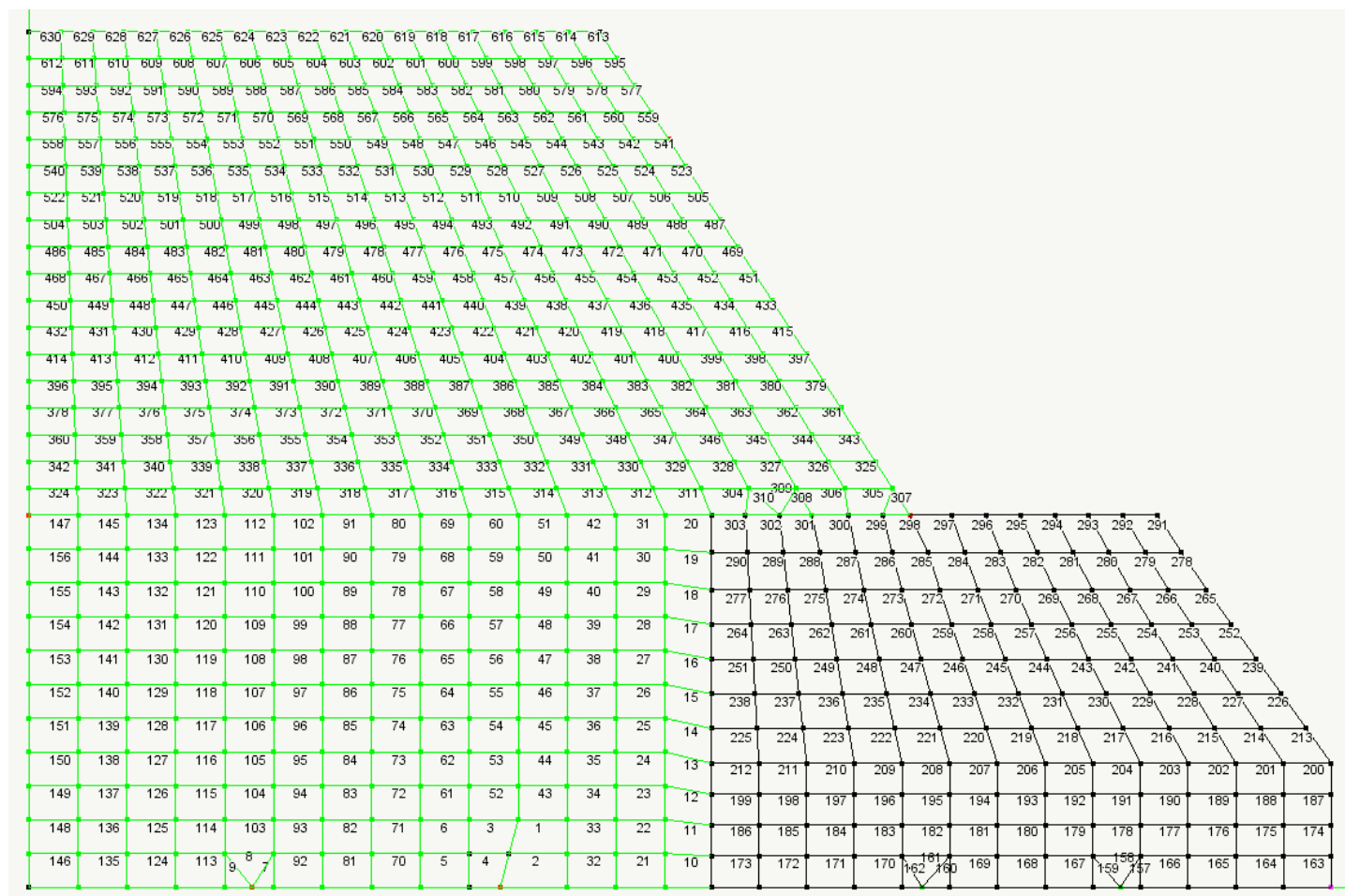
Progettista: Ing. Enrico Ulisse Avanzi

	6		
	5		
	4		
	3		
	2		
Novembre 2010	1	EMISSIONE	Avanzi
DATA	REV.	STATO	REDATTO

Protocollo : 523-11/10	ELABORATO N. : IP.8.i	Redatto :
Data : Novembre 2010		Verificato :
		Approvato:
Nome File : 523-1110-IP8i.01.pdf		COLLABORATORE :

Ing. Enrico Ulisse Avanzi
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 45100 ROVIGO
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 e-mail stavanzi@tin.it
 Odine Ingg. Rovigo n. 370

sat trave b2.sap



Generato martedì 13 luglio 2010 alle ore 11:25:41.

Nolian EWS 31 (15.04.2010) build 3683

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COORDINATE E DATI DEI NODI (Fase 1)

Nodo	x	y	z	tx	ty	tz	rx	ry	rz	ms	fz	mm
1	3.6000e+002	0.0000e+000	0.0000e+000	1	1	1	1	1	1	0	0	0
2	4.4000e+002	0.0000e+000	0.0000e+000	1	1	1	1	1	1	0	0	0
3	2.3667e+002	6.8182e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
4	9.0000e+001	0.0000e+000	0.0000e+000	1	1	1	1	1	1	0	0	0
5	2.7500e+002	0.0000e+000	0.0000e+000	0	0	1	1	1	1	0	0	0
6	5.2500e+002	0.0000e+000	0.0000e+000	0	0	1	1	1	1	0	0	0
7	5.2500e+002	5.0000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0

8	4.5500e+002	1.5000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
9	2.7500e+002	1.5000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
10	2.7500e+002	5.0000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
11	2.7500e+002	1.2000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
12	2.7500e+002	1.0600e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
13	3.3038e+002	1.5000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
14	3.3335e+002	1.3501e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
15	2.7500e+002	9.2000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
16	2.7500e+002	7.8000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
17	3.4423e+002	1.5000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
18	4.7473e+002	1.2000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
19	3.4794e+002	1.3501e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
20	3.5500e+002	1.5000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
21	3.6252e+002	1.3502e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
22	3.7192e+002	1.5000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
23	3.7711e+002	1.3502e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
24	3.8577e+002	1.5000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
25	3.9170e+002	1.3502e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
26	3.9962e+002	1.5000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
27	4.0629e+002	1.3502e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
28	2.7500e+002	6.4000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
29	4.1346e+002	1.5000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
30	4.2087e+002	1.3503e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
31	4.2731e+002	1.5000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
32	4.3546e+002	1.3503e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
33	4.4115e+002	1.5000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
34	0.0000e+000	0.0000e+000	0.0000e+000	0	0	1	1	1	1	0	0	0
35	4.5005e+002	1.3503e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
36	2.9036e+002	1.2000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
37	3.0573e+002	1.2000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
38	3.2109e+002	1.2000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
39	3.3645e+002	1.2000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
40	2.3000e+002	3.4500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
41	4.8478e+002	1.0600e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
42	4.9484e+002	9.2000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
43	5.0489e+002	7.8000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
44	5.1495e+002	6.4000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
45	0.0000e+000	3.4500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
46	2.3667e+002	1.5000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
47	2.5639e+002	1.5000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
48	2.8885e+002	1.5000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
49	2.8959e+002	1.3500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
50	3.0269e+002	1.5000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
51	3.0417e+002	1.3501e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
52	3.1556e+002	1.5000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
53	3.1876e+002	1.3501e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
54	3.8796e+002	1.0600e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
55	4.0410e+002	1.0600e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
56	4.2023e+002	1.0600e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
57	4.3637e+002	1.0600e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
58	4.5251e+002	1.0600e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
59	4.6865e+002	1.0600e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
60	2.9191e+002	9.2000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
61	3.0882e+002	9.2000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
62	3.2573e+002	9.2000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
63	3.5182e+002	1.2000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
64	3.4264e+002	9.2000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
65	3.5955e+002	9.2000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
66	3.7646e+002	9.2000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
67	3.6718e+002	1.2000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
68	3.8255e+002	1.2000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
69	3.9791e+002	1.2000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
70	4.1327e+002	1.2000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
71	4.2864e+002	1.2000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
72	4.4400e+002	1.2000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
73	4.6463e+002	1.3503e+002	0.0000e+000	0	0	1	1	1	1	0	0	0

74	4.5936e+002	1.2000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
75	2.9114e+002	1.0600e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
76	3.0727e+002	1.0600e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
77	3.2341e+002	1.0600e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
78	3.3955e+002	1.0600e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
79	3.5569e+002	1.0600e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
80	3.7182e+002	1.0600e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
81	2.7500e+002	1.3500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
82	3.9337e+002	9.2000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
83	4.1028e+002	9.2000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
84	4.2719e+002	9.2000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
85	4.4411e+002	9.2000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
86	4.6102e+002	9.2000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
87	4.7793e+002	9.2000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
88	2.9268e+002	7.8000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
89	3.1037e+002	7.8000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
90	3.2805e+002	7.8000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
91	3.4574e+002	7.8000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
92	3.6342e+002	7.8000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
93	3.8110e+002	7.8000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
94	3.9879e+002	7.8000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
95	4.1647e+002	7.8000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
96	4.3416e+002	7.8000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
97	4.5184e+002	7.8000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
98	4.6952e+002	7.8000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
99	4.8721e+002	7.8000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
100	2.9346e+002	6.4000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
101	3.1191e+002	6.4000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
102	3.3037e+002	6.4000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
103	3.4883e+002	6.4000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
104	3.6729e+002	6.4000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
105	3.8574e+002	6.4000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
106	4.0420e+002	6.4000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
107	4.2266e+002	6.4000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
108	4.4112e+002	6.4000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
109	4.5957e+002	6.4000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
110	4.7803e+002	6.4000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
111	4.9649e+002	6.4000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
112	2.9423e+002	5.0000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
113	3.1346e+002	5.0000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
114	3.3269e+002	5.0000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
115	3.5192e+002	5.0000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
116	3.7115e+002	5.0000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
117	3.9038e+002	5.0000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
118	4.0962e+002	5.0000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
119	4.2885e+002	5.0000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
120	4.4808e+002	5.0000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
121	4.6731e+002	5.0000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
122	4.8654e+002	5.0000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
123	5.0577e+002	5.0000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
124	2.9423e+002	3.7500e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
125	2.7500e+002	3.7500e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
126	2.9423e+002	2.5000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
127	2.7500e+002	2.5000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
128	2.9423e+002	1.2500e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
129	2.7500e+002	1.2500e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
130	2.9423e+002	0.0000e+000	0.0000e+000	0	0	1	1	1	1	0	0	0
131	3.1346e+002	3.7500e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
132	3.1346e+002	2.5000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
133	3.1346e+002	1.2500e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
134	3.1346e+002	0.0000e+000	0.0000e+000	0	0	1	1	1	1	0	0	0
135	3.3269e+002	3.7500e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
136	3.3269e+002	2.5000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
137	3.3269e+002	1.2500e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
138	3.3269e+002	0.0000e+000	0.0000e+000	1	1	1	1	1	1	0	0	0
139	3.5192e+002	3.7500e+001	0.0000e+000	0	0	1	1	1	1	0	0	0

140	3.5192e+002	2.5000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
141	3.5192e+002	1.2500e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
142	3.5192e+002	0.0000e+000	0.0000e+000	1	1	1	1	1	1	0	0	0
143	3.7115e+002	3.7500e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
144	3.7115e+002	2.5000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
145	3.7115e+002	1.2500e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
146	3.7115e+002	0.0000e+000	0.0000e+000	1	1	1	1	1	1	0	0	0
147	3.9038e+002	3.7500e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
148	3.9038e+002	2.5000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
149	3.9038e+002	1.2500e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
150	3.9038e+002	0.0000e+000	0.0000e+000	1	1	1	1	1	1	0	0	0
151	4.0962e+002	3.7500e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
152	4.0962e+002	2.5000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
153	4.0962e+002	1.2500e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
154	4.0962e+002	0.0000e+000	0.0000e+000	1	1	1	1	1	1	0	0	0
155	4.2885e+002	3.7500e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
156	4.2885e+002	2.5000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
157	4.2885e+002	1.2500e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
158	4.2885e+002	0.0000e+000	0.0000e+000	1	1	1	1	1	1	0	0	0
159	4.4808e+002	3.7500e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
160	4.4808e+002	2.5000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
161	4.4808e+002	1.2500e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
162	4.4808e+002	0.0000e+000	0.0000e+000	1	1	1	1	1	1	0	0	0
163	4.6731e+002	3.7500e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
164	4.6731e+002	2.5000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
165	4.6731e+002	1.2500e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
166	4.6731e+002	0.0000e+000	0.0000e+000	1	1	1	1	1	1	0	0	0
167	4.8654e+002	3.7500e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
168	4.8654e+002	2.5000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
169	4.8654e+002	1.2500e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
170	4.8654e+002	0.0000e+000	0.0000e+000	0	0	1	1	1	1	0	0	0
171	5.0577e+002	3.7500e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
172	5.0577e+002	2.5000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
173	5.0577e+002	1.2500e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
174	5.0577e+002	0.0000e+000	0.0000e+000	0	0	1	1	1	1	0	0	0
175	5.2500e+002	3.7500e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
176	5.2500e+002	2.5000e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
177	5.2500e+002	1.2500e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
178	0.0000e+000	1.5000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
179	0.0000e+000	3.3417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
180	1.3164e+001	3.3417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
181	1.2778e+001	3.4500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
182	2.6327e+001	3.3417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
183	2.5556e+001	3.4500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
184	3.9491e+001	3.3417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
185	3.8333e+001	3.4500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
186	5.2654e+001	3.3417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
187	5.1111e+001	3.4500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
188	6.5818e+001	3.3417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
189	6.3889e+001	3.4500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
190	7.8981e+001	3.3417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
191	7.6667e+001	3.4500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
192	9.2145e+001	3.3417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
193	8.9444e+001	3.4500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
194	1.0531e+002	3.3417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
195	1.0222e+002	3.4500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
196	1.1847e+002	3.3417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
197	1.1500e+002	3.4500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
198	1.3164e+002	3.3417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
199	1.2778e+002	3.4500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
200	1.4480e+002	3.3417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
201	1.4056e+002	3.4500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
202	1.5796e+002	3.3417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
203	1.5333e+002	3.4500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
204	1.7113e+002	3.3417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
205	1.6611e+002	3.4500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0

206	1.8429e+002	3.3417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
207	1.7889e+002	3.4500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
208	1.9745e+002	3.3417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
209	1.9167e+002	3.4500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
210	2.1062e+002	3.3417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
211	2.0444e+002	3.4500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
212	2.2378e+002	3.3417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
213	2.1722e+002	3.4500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
214	2.3694e+002	3.3417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
215	0.0000e+000	3.2333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
216	1.3549e+001	3.2333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
217	2.7099e+001	3.2333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
218	4.0648e+001	3.2333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
219	5.4198e+001	3.2333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
220	6.7747e+001	3.2333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
221	8.1296e+001	3.2333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
222	9.4846e+001	3.2333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
223	1.0840e+002	3.2333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
224	1.2194e+002	3.2333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
225	1.3549e+002	3.2333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
226	1.4904e+002	3.2333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
227	1.6259e+002	3.2333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
228	1.7614e+002	3.2333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
229	1.8969e+002	3.2333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
230	2.0324e+002	3.2333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
231	2.1679e+002	3.2333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
232	2.3034e+002	3.2333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
233	2.4389e+002	3.2333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
234	0.0000e+000	3.1250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
235	1.3935e+001	3.1250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
236	2.7870e+001	3.1250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
237	4.1806e+001	3.1250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
238	5.5741e+001	3.1250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
239	6.9676e+001	3.1250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
240	8.3611e+001	3.1250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
241	9.7546e+001	3.1250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
242	1.1148e+002	3.1250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
243	1.2542e+002	3.1250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
244	1.3935e+002	3.1250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
245	1.5329e+002	3.1250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
246	1.6722e+002	3.1250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
247	1.8116e+002	3.1250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
248	1.9509e+002	3.1250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
249	2.0903e+002	3.1250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
250	2.2296e+002	3.1250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
251	2.3690e+002	3.1250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
252	2.5083e+002	3.1250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
253	0.0000e+000	3.0167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
254	1.4321e+001	3.0167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
255	2.8642e+001	3.0167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
256	4.2963e+001	3.0167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
257	5.7284e+001	3.0167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
258	7.1605e+001	3.0167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
259	8.5926e+001	3.0167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
260	1.0025e+002	3.0167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
261	1.1457e+002	3.0167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
262	1.2889e+002	3.0167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
263	1.4321e+002	3.0167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
264	1.5753e+002	3.0167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
265	1.7185e+002	3.0167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
266	1.8617e+002	3.0167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
267	2.0049e+002	3.0167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
268	2.1481e+002	3.0167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
269	2.2914e+002	3.0167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
270	2.4346e+002	3.0167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
271	2.5778e+002	3.0167e+002	0.0000e+000	0	0	1	1	1	1	0	2	0

272	0.0000e+000	2.9083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
273	1.4707e+001	2.9083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
274	2.9414e+001	2.9083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
275	4.4120e+001	2.9083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
276	5.8827e+001	2.9083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
277	7.3534e+001	2.9083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
278	8.8241e+001	2.9083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
279	1.0295e+002	2.9083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
280	1.1765e+002	2.9083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
281	1.3236e+002	2.9083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
282	1.4707e+002	2.9083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
283	1.6177e+002	2.9083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
284	1.7648e+002	2.9083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
285	1.9119e+002	2.9083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
286	2.0590e+002	2.9083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
287	2.2060e+002	2.9083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
288	2.3531e+002	2.9083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
289	2.5002e+002	2.9083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
290	2.6472e+002	2.9083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
291	0.0000e+000	2.8000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
292	1.5093e+001	2.8000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
293	3.0185e+001	2.8000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
294	4.5278e+001	2.8000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
295	6.0370e+001	2.8000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
296	7.5463e+001	2.8000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
297	9.0556e+001	2.8000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
298	1.0565e+002	2.8000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
299	1.2074e+002	2.8000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
300	1.3583e+002	2.8000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
301	1.5093e+002	2.8000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
302	1.6602e+002	2.8000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
303	1.8111e+002	2.8000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
304	1.9620e+002	2.8000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
305	2.1130e+002	2.8000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
306	2.2639e+002	2.8000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
307	2.4148e+002	2.8000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
308	2.5657e+002	2.8000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
309	2.7167e+002	2.8000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
310	0.0000e+000	2.6917e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
311	1.5478e+001	2.6917e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
312	3.0957e+001	2.6917e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
313	4.6435e+001	2.6917e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
314	6.1914e+001	2.6917e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
315	7.7392e+001	2.6917e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
316	9.2870e+001	2.6917e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
317	1.0835e+002	2.6917e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
318	1.2383e+002	2.6917e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
319	1.3931e+002	2.6917e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
320	1.5478e+002	2.6917e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
321	1.7026e+002	2.6917e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
322	1.8574e+002	2.6917e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
323	2.0122e+002	2.6917e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
324	2.1670e+002	2.6917e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
325	2.3218e+002	2.6917e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
326	2.4765e+002	2.6917e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
327	2.6313e+002	2.6917e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
328	2.7861e+002	2.6917e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
329	0.0000e+000	2.5833e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
330	1.5864e+001	2.5833e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
331	3.1728e+001	2.5833e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
332	4.7593e+001	2.5833e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
333	6.3457e+001	2.5833e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
334	7.9321e+001	2.5833e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
335	9.5185e+001	2.5833e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
336	1.1105e+002	2.5833e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
337	1.2691e+002	2.5833e+002	0.0000e+000	0	0	1	1	1	1	0	0	0

338	1.4278e+002	2.5833e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
339	1.5864e+002	2.5833e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
340	1.7451e+002	2.5833e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
341	1.9037e+002	2.5833e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
342	2.0623e+002	2.5833e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
343	2.2210e+002	2.5833e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
344	2.3796e+002	2.5833e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
345	2.5383e+002	2.5833e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
346	2.6969e+002	2.5833e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
347	2.8556e+002	2.5833e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
348	0.0000e+000	2.4750e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
349	1.6250e+001	2.4750e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
350	3.2500e+001	2.4750e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
351	4.8750e+001	2.4750e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
352	6.5000e+001	2.4750e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
353	8.1250e+001	2.4750e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
354	9.7500e+001	2.4750e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
355	1.1375e+002	2.4750e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
356	1.3000e+002	2.4750e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
357	1.4625e+002	2.4750e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
358	1.6250e+002	2.4750e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
359	1.7875e+002	2.4750e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
360	1.9500e+002	2.4750e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
361	2.1125e+002	2.4750e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
362	2.2750e+002	2.4750e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
363	2.4375e+002	2.4750e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
364	2.6000e+002	2.4750e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
365	2.7625e+002	2.4750e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
366	2.9250e+002	2.4750e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
367	0.0000e+000	2.3667e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
368	1.6636e+001	2.3667e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
369	3.3272e+001	2.3667e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
370	4.9907e+001	2.3667e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
371	6.6543e+001	2.3667e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
372	8.3179e+001	2.3667e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
373	9.9815e+001	2.3667e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
374	1.1645e+002	2.3667e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
375	1.3309e+002	2.3667e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
376	1.4972e+002	2.3667e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
377	1.6636e+002	2.3667e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
378	1.8299e+002	2.3667e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
379	1.9963e+002	2.3667e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
380	2.1627e+002	2.3667e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
381	2.3290e+002	2.3667e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
382	2.4954e+002	2.3667e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
383	2.6617e+002	2.3667e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
384	2.8281e+002	2.3667e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
385	2.9944e+002	2.3667e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
386	0.0000e+000	2.2583e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
387	1.7022e+001	2.2583e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
388	3.4043e+001	2.2583e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
389	5.1065e+001	2.2583e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
390	6.8086e+001	2.2583e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
391	8.5108e+001	2.2583e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
392	1.0213e+002	2.2583e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
393	1.1915e+002	2.2583e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
394	1.3617e+002	2.2583e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
395	1.5319e+002	2.2583e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
396	1.7022e+002	2.2583e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
397	1.8724e+002	2.2583e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
398	2.0426e+002	2.2583e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
399	2.2128e+002	2.2583e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
400	2.3830e+002	2.2583e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
401	2.5532e+002	2.2583e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
402	2.7235e+002	2.2583e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
403	2.8937e+002	2.2583e+002	0.0000e+000	0	0	1	1	1	1	0	0	0

404	3.0639e+002	2.2583e+002	0.0000e+000	0	0	1	1	1	1	0	1	0
405	0.0000e+000	2.1500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
406	1.7407e+001	2.1500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
407	3.4815e+001	2.1500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
408	5.2222e+001	2.1500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
409	6.9630e+001	2.1500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
410	8.7037e+001	2.1500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
411	1.0444e+002	2.1500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
412	1.2185e+002	2.1500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
413	1.3926e+002	2.1500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
414	1.5667e+002	2.1500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
415	1.7407e+002	2.1500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
416	1.9148e+002	2.1500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
417	2.0889e+002	2.1500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
418	2.2630e+002	2.1500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
419	2.4370e+002	2.1500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
420	2.6111e+002	2.1500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
421	2.7852e+002	2.1500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
422	2.9593e+002	2.1500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
423	3.1333e+002	2.1500e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
424	0.0000e+000	2.0417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
425	1.7793e+001	2.0417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
426	3.5586e+001	2.0417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
427	5.3380e+001	2.0417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
428	7.1173e+001	2.0417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
429	8.8966e+001	2.0417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
430	1.0676e+002	2.0417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
431	1.2455e+002	2.0417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
432	1.4235e+002	2.0417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
433	1.6014e+002	2.0417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
434	1.7793e+002	2.0417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
435	1.9573e+002	2.0417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
436	2.1352e+002	2.0417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
437	2.3131e+002	2.0417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
438	2.4910e+002	2.0417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
439	2.6690e+002	2.0417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
440	2.8469e+002	2.0417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
441	3.0248e+002	2.0417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
442	3.2028e+002	2.0417e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
443	0.0000e+000	1.9333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
444	1.8179e+001	1.9333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
445	3.6358e+001	1.9333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
446	5.4537e+001	1.9333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
447	7.2716e+001	1.9333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
448	9.0895e+001	1.9333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
449	1.0907e+002	1.9333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
450	1.2725e+002	1.9333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
451	1.4543e+002	1.9333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
452	1.6361e+002	1.9333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
453	1.8179e+002	1.9333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
454	1.9997e+002	1.9333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
455	2.1815e+002	1.9333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
456	2.3633e+002	1.9333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
457	2.5451e+002	1.9333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
458	2.7269e+002	1.9333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
459	2.9086e+002	1.9333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
460	3.0904e+002	1.9333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
461	3.2722e+002	1.9333e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
462	0.0000e+000	1.8250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
463	1.8565e+001	1.8250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
464	3.7130e+001	1.8250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
465	5.5694e+001	1.8250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
466	7.4259e+001	1.8250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
467	9.2824e+001	1.8250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
468	1.1139e+002	1.8250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
469	1.2995e+002	1.8250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0

470	1.4852e+002	1.8250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
471	1.6708e+002	1.8250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
472	1.8565e+002	1.8250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
473	2.0421e+002	1.8250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
474	2.2278e+002	1.8250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
475	2.4134e+002	1.8250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
476	2.5991e+002	1.8250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
477	2.7847e+002	1.8250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
478	2.9704e+002	1.8250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
479	3.1560e+002	1.8250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
480	3.3417e+002	1.8250e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
481	0.0000e+000	1.7167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
482	1.8951e+001	1.7167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
483	3.7901e+001	1.7167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
484	5.6852e+001	1.7167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
485	7.5802e+001	1.7167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
486	9.4753e+001	1.7167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
487	1.1370e+002	1.7167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
488	1.3265e+002	1.7167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
489	1.5160e+002	1.7167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
490	1.7056e+002	1.7167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
491	1.8951e+002	1.7167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
492	2.0846e+002	1.7167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
493	2.2741e+002	1.7167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
494	2.4636e+002	1.7167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
495	2.6531e+002	1.7167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
496	2.8426e+002	1.7167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
497	3.0321e+002	1.7167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
498	3.2216e+002	1.7167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
499	3.4111e+002	1.7167e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
500	0.0000e+000	1.6083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
501	1.9336e+001	1.6083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
502	3.8673e+001	1.6083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
503	5.8009e+001	1.6083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
504	7.7346e+001	1.6083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
505	9.6682e+001	1.6083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
506	1.1602e+002	1.6083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
507	1.3535e+002	1.6083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
508	1.5469e+002	1.6083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
509	1.7403e+002	1.6083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
510	1.9336e+002	1.6083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
511	2.1270e+002	1.6083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
512	2.3204e+002	1.6083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
513	2.5137e+002	1.6083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
514	2.7071e+002	1.6083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
515	2.9005e+002	1.6083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
516	3.0938e+002	1.6083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
517	3.2872e+002	1.6083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
518	3.4806e+002	1.6083e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
519	1.9722e+001	1.5000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
520	3.9444e+001	1.5000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
521	5.9167e+001	1.5000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
522	7.8889e+001	1.5000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
523	9.8611e+001	1.5000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
524	1.1833e+002	1.5000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
525	1.3806e+002	1.5000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
526	1.5778e+002	1.5000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
527	1.7750e+002	1.5000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
528	1.9722e+002	1.5000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
529	2.1694e+002	1.5000e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
530	2.5639e+002	0.0000e+000	0.0000e+000	0	0	1	1	1	1	0	0	0
531	2.3667e+002	0.0000e+000	0.0000e+000	1	1	1	1	1	1	0	0	0
532	2.1694e+002	0.0000e+000	0.0000e+000	1	1	1	1	1	1	0	0	0
533	2.3667e+002	4.0909e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
534	2.3667e+002	2.7273e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
535	1.5778e+002	0.0000e+000	0.0000e+000	1	1	1	1	1	1	0	0	0

536	1.3806e+002	0.0000e+000	0.0000e+000	1	1	1	1	1	1	0	0	0
537	1.1833e+002	0.0000e+000	0.0000e+000	1	1	1	1	1	1	0	0	0
538	9.8611e+001	0.0000e+000	0.0000e+000	1	1	1	1	1	1	0	0	0
539	7.8889e+001	0.0000e+000	0.0000e+000	1	1	1	1	1	1	0	0	0
540	5.9167e+001	0.0000e+000	0.0000e+000	1	1	1	1	1	1	0	0	0
541	3.9444e+001	0.0000e+000	0.0000e+000	1	1	1	1	1	1	0	0	0
542	1.9722e+001	0.0000e+000	0.0000e+000	0	0	1	1	1	1	0	0	0
543	1.9722e+001	1.3636e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
544	0.0000e+000	1.3636e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
545	1.9722e+001	1.2273e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
546	0.0000e+000	1.2273e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
547	1.9722e+001	1.0909e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
548	0.0000e+000	1.0909e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
549	1.9722e+001	9.5455e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
550	0.0000e+000	9.5455e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
551	1.9722e+001	8.1818e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
552	0.0000e+000	8.1818e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
553	1.9722e+001	6.8182e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
554	0.0000e+000	6.8182e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
555	1.9722e+001	5.4545e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
556	0.0000e+000	5.4545e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
557	1.9722e+001	4.0909e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
558	0.0000e+000	4.0909e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
559	1.9722e+001	2.7273e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
560	0.0000e+000	2.7273e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
561	1.9722e+001	1.3636e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
562	0.0000e+000	1.3636e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
563	2.5639e+002	1.3636e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
564	2.5639e+002	1.2273e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
565	2.5639e+002	1.0909e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
566	2.5639e+002	9.5455e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
567	2.5639e+002	8.1818e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
568	2.5639e+002	6.8182e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
569	2.5639e+002	5.4545e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
570	2.5639e+002	4.0909e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
571	2.5639e+002	2.7273e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
572	2.5639e+002	1.3636e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
573	3.9444e+001	1.3636e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
574	3.9444e+001	1.2273e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
575	3.9444e+001	1.0909e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
576	3.9444e+001	9.5455e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
577	3.9444e+001	8.1818e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
578	3.9444e+001	6.8182e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
579	3.9444e+001	5.4545e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
580	3.9444e+001	4.0909e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
581	3.9444e+001	2.7273e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
582	3.9444e+001	1.3636e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
583	5.9167e+001	1.3636e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
584	5.9167e+001	1.2273e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
585	5.9167e+001	1.0909e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
586	5.9167e+001	9.5455e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
587	5.9167e+001	8.1818e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
588	5.9167e+001	6.8182e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
589	5.9167e+001	5.4545e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
590	5.9167e+001	4.0909e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
591	5.9167e+001	2.7273e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
592	5.9167e+001	1.3636e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
593	7.8889e+001	1.3636e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
594	7.8889e+001	1.2273e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
595	7.8889e+001	1.0909e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
596	7.8889e+001	9.5455e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
597	7.8889e+001	8.1818e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
598	7.8889e+001	6.8182e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
599	7.8889e+001	5.4545e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
600	7.8889e+001	4.0909e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
601	7.8889e+001	2.7273e+001	0.0000e+000	0	0	1	1	1	1	0	0	0

602	7.8889e+001	1.3636e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
603	9.8611e+001	1.3636e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
604	9.8611e+001	1.2273e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
605	9.8611e+001	1.0909e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
606	9.8611e+001	9.5455e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
607	9.8611e+001	8.1818e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
608	9.8611e+001	6.8182e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
609	9.8611e+001	5.4545e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
610	9.8611e+001	4.0909e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
611	9.8611e+001	2.7273e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
612	9.8611e+001	1.3636e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
613	1.1833e+002	1.3636e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
614	1.1833e+002	1.2273e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
615	1.1833e+002	1.0909e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
616	1.1833e+002	9.5455e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
617	1.1833e+002	8.1818e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
618	1.1833e+002	6.8182e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
619	1.1833e+002	5.4545e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
620	1.1833e+002	4.0909e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
621	1.1833e+002	2.7273e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
622	1.1833e+002	1.3636e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
623	1.3806e+002	1.3636e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
624	1.3806e+002	1.2273e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
625	1.3806e+002	1.0909e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
626	1.3806e+002	9.5455e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
627	1.3806e+002	8.1818e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
628	1.3806e+002	6.8182e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
629	1.3806e+002	5.4545e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
630	1.3806e+002	4.0909e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
631	1.3806e+002	2.7273e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
632	1.3806e+002	1.3636e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
633	1.5778e+002	1.3636e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
634	1.5778e+002	1.2273e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
635	1.5778e+002	1.0909e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
636	1.5778e+002	9.5455e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
637	1.5778e+002	8.1818e+001	0.0000e+000	0	0	1	1	1	1	0	0</	

668	2.1694e+002	6.8182e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
669	2.1694e+002	5.4545e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
670	2.1694e+002	4.0909e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
671	2.1694e+002	2.7273e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
672	2.1694e+002	1.3636e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
673	2.3667e+002	1.3636e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
674	2.3667e+002	1.2273e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
675	2.3667e+002	1.0909e+002	0.0000e+000	0	0	1	1	1	1	0	0	0
676	2.3667e+002	9.5455e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
677	2.3667e+002	8.1818e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
678	1.7729e+002	0.0000e+000	0.0000e+000	1	1	1	1	1	1	0	0	0
679	1.7739e+002	1.3614e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
680	1.9350e+002	1.3614e+001	0.0000e+000	0	0	1	1	1	1	0	0	0
681	1.9000e+002	0.0000e+000	0.0000e+000	1	1	1	1	1	1	0	0	0

ESTREMI E DATI DEGLI ELEMENTI (Fase 1)

Elemento	Estremi					Tipo	Carico	NodoK	Massa	Materiale	EE
1	680	672	671	661		1	1	0	0		
2	681	532	672	680		1	1	0	0		
3	679	680	661	651		1	1	0	0		
4	678	681	680	679		1	1	0	0		
5	535	678	679	642		1	1	0	0		
6	642	679	651	641		1	1	0	0		
7	612	4	538			1	1	0	0		
8	602	4	612			1	1	0	0		
9	602	539	4			1	1	0	0		
10	572	530	5	129		1	1	0	0		
11	571	572	129	127		1	1	0	0		
12	570	571	127	125		1	1	0	0		
13	569	570	125	10		1	1	0	0		
14	568	569	10	28		1	1	0	0		
15	567	568	28	16		1	1	0	0		
16	566	567	16	15		1	1	0	0		
17	565	566	15	12		1	1	0	0		
18	564	565	12	11		1	1	0	0		
19	563	564	11	81		1	1	0	0		
20	47	563	81	9		1	1	0	0		
21	652	531	530	572		1	1	0	0		
22	534	652	572	571		1	1	0	0		
23	533	534	571	570		1	1	0	0		
24	662	533	570	569		1	1	0	0		
25	3	662	569	568		1	1	0	0		
26	677	3	568	567		1	1	0	0		
27	676	677	567	566		1	1	0	0		
28	675	676	566	565		1	1	0	0		
29	674	675	565	564		1	1	0	0		
30	673	674	564	563		1	1	0	0		
31	46	673	563	47		1	1	0	0		
32	672	532	531	652		1	1	0	0		
33	671	672	652	534		1	1	0	0		
34	670	671	534	533		1	1	0	0		
35	669	670	533	662		1	1	0	0		
36	668	669	662	3		1	1	0	0		
37	667	668	3	677		1	1	0	0		
38	666	667	677	676		1	1	0	0		
39	665	666	676	675		1	1	0	0		
40	664	665	675	674		1	1	0	0		
41	663	664	674	673		1	1	0	0		
42	529	663	673	46		1	1	0	0		
43	660	661	671	670		1	1	0	0		
44	659	660	670	669		1	1	0	0		
45	658	659	669	668		1	1	0	0		
46	657	658	668	667		1	1	0	0		
47	656	657	667	666		1	1	0	0		
48	655	656	666	665		1	1	0	0		

49	654	655	665	664	1	1	0	0
50	653	654	664	663	1	1	0	0
51	528	653	663	529	1	1	0	0
52	650	651	661	660	1	1	0	0
53	649	650	660	659	1	1	0	0
54	648	649	659	658	1	1	0	0
55	647	648	658	657	1	1	0	0
56	646	647	657	656	1	1	0	0
57	645	646	656	655	1	1	0	0
58	644	645	655	654	1	1	0	0
59	643	644	654	653	1	1	0	0
60	527	643	653	528	1	1	0	0
61	640	641	651	650	1	1	0	0
62	639	640	650	649	1	1	0	0
63	638	639	649	648	1	1	0	0
64	637	638	648	647	1	1	0	0
65	636	637	647	646	1	1	0	0
66	635	636	646	645	1	1	0	0
67	634	635	645	644	1	1	0	0
68	633	634	644	643	1	1	0	0
69	526	633	643	527	1	1	0	0
70	632	536	535	642	1	1	0	0
71	631	632	642	641	1	1	0	0
72	630	631	641	640	1	1	0	0
73	629	630	640	639	1	1	0	0
74	628	629	639	638	1	1	0	0
75	627	628	638	637	1	1	0	0
76	626	627	637	636	1	1	0	0
77	625	626	636	635	1	1	0	0
78	624	625	635	634	1	1	0	0
79	623	624	634	633	1	1	0	0
80	525	623	633	526	1	1	0	0
81	622	537	536	632	1	1	0	0
82	621	622	632	631	1	1	0	0
83	620	621	631	630	1	1	0	0
84	619	620	630	629	1	1	0	0
85	618	619	629	628	1	1	0	0
86	617	618	628	627	1	1	0	0
87	616	617	627	626	1	1	0	0
88	615	616	626	625	1	1	0	0
89	614	615	625	624	1	1	0	0
90	613	614	624	623	1	1	0	0
91	524	613	623	525	1	1	0	0
92	612	538	537	622	1	1	0	0
93	611	612	622	621	1	1	0	0
94	610	611	621	620	1	1	0	0
95	609	610	620	619	1	1	0	0
96	608	609	619	618	1	1	0	0
97	607	608	618	617	1	1	0	0
98	606	607	617	616	1	1	0	0
99	605	606	616	615	1	1	0	0
100	604	605	615	614	1	1	0	0
101	603	604	614	613	1	1	0	0
102	523	603	613	524	1	1	0	0
103	601	602	612	611	1	1	0	0
104	600	601	611	610	1	1	0	0
105	599	600	610	609	1	1	0	0
106	598	599	609	608	1	1	0	0
107	597	598	608	607	1	1	0	0
108	596	597	607	606	1	1	0	0
109	595	596	606	605	1	1	0	0
110	594	595	605	604	1	1	0	0
111	593	594	604	603	1	1	0	0
112	522	593	603	523	1	1	0	0
113	592	540	539	602	1	1	0	0
114	591	592	602	601	1	1	0	0

115	590	591	601	600	1	1	0	0
116	589	590	600	599	1	1	0	0
117	588	589	599	598	1	1	0	0
118	587	588	598	597	1	1	0	0
119	586	587	597	596	1	1	0	0
120	585	586	596	595	1	1	0	0
121	584	585	595	594	1	1	0	0
122	583	584	594	593	1	1	0	0
123	521	583	593	522	1	1	0	0
124	582	541	540	592	1	1	0	0
125	581	582	592	591	1	1	0	0
126	580	581	591	590	1	1	0	0
127	579	580	590	589	1	1	0	0
128	578	579	589	588	1	1	0	0
129	577	578	588	587	1	1	0	0
130	576	577	587	586	1	1	0	0
131	575	576	586	585	1	1	0	0
132	574	575	585	584	1	1	0	0
133	573	574	584	583	1	1	0	0
134	520	573	583	521	1	1	0	0
135	561	542	541	582	1	1	0	0
136	559	561	582	581	1	1	0	0
137	557	559	581	580	1	1	0	0
138	555	557	580	579	1	1	0	0
139	553	555	579	578	1	1	0	0
140	551	553	578	577	1	1	0	0
141	549	551	577	576	1	1	0	0
142	547	549	576	575	1	1	0	0
143	545	547	575	574	1	1	0	0
144	543	545	574	573	1	1	0	0
145	519	543	573	520	1	1	0	0
146	562	34	542	561	1	1	0	0
147	178	544	543	519	1	1	0	0
148	560	562	561	559	1	1	0	0
149	558	560	559	557	1	1	0	0
150	556	558	557	555	1	1	0	0
151	554	556	555	553	1	1	0	0
152	552	554	553	551	1	1	0	0
153	550	552	551	549	1	1	0	0
154	548	550	549	547	1	1	0	0
155	546	548	547	545	1	1	0	0
156	544	546	545	543	1	1	0	0
157	161	2	162		1	1	0	0
158	157	2	161		1	1	0	0
159	157	158	2		1	1	0	0
160	145	1	146		1	1	0	0
161	141	1	145		1	1	0	0
162	141	142	1		1	1	0	0
163	173	174	6	177	1	1	0	0
164	169	170	174	173	1	1	0	0
165	165	166	170	169	1	1	0	0
166	161	162	166	165	1	1	0	0
167	153	154	158	157	1	1	0	0
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169	145	146	150	149	1	1	0	0
170	137	138	142	141	1	1	0	0
171	133	134	138	137	1	1	0	0
172	128	130	134	133	1	1	0	0
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185	126	128	133	132	1	1	0	0
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593	216	235	236	217	1	1	0	0
594	215	234	235	216	1	1	0	0
595	212	232	233	214	1	1	0	0
596	210	231	232	212	1	1	0	0
597	208	230	231	210	1	1	0	0
598	206	229	230	208	1	1	0	0
599	204	228	229	206	1	1	0	0
600	202	227	228	204	1	1	0	0
601	200	226	227	202	1	1	0	0
602	198	225	226	200	1	1	0	0
603	196	224	225	198	1	1	0	0
604	194	223	224	196	1	1	0	0
605	192	222	223	194	1	1	0	0
606	190	221	222	192	1	1	0	0
607	188	220	221	190	1	1	0	0
608	186	219	220	188	1	1	0	0
609	184	218	219	186	1	1	0	0
610	182	217	218	184	1	1	0	0
611	180	216	217	182	1	1	0	0
612	179	215	216	180	1	1	0	0
613	213	212	214	40	1	1	0	0
614	211	210	212	213	1	1	0	0
615	209	208	210	211	1	1	0	0
616	207	206	208	209	1	1	0	0
617	205	204	206	207	1	1	0	0
618	203	202	204	205	1	1	0	0
619	201	200	202	203	1	1	0	0
620	199	198	200	201	1	1	0	0
621	197	196	198	199	1	1	0	0
622	195	194	196	197	1	1	0	0
623	193	192	194	195	1	1	0	0
624	191	190	192	193	1	1	0	0
625	189	188	190	191	1	1	0	0
626	187	186	188	189	1	1	0	0
627	185	184	186	187	1	1	0	0
628	183	182	184	185	1	1	0	0
629	181	180	182	183	1	1	0	0
630	45	179	180	181	1	1	0	0

ELEMENTI TIPO (Fase 1)

DEFORMAZIONE PIANA

Tipo

Materiale elastico: E=300000 P=0.1

1

Tipi di carico

Nome	Tipo	Grav.	Gamma	Gamma	Psi	Psi	Psi	Psi 2	Phi
------	------	-------	-------	-------	-----	-----	-----	-------	-----

				0	1	2				
				sismico				sismico	(coeff. correl.)	
Permanente	permanente	*	1.00	1.40	1.00	nd	nd	nd	nd	nd
Sismico SLU	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Sismico SLD	sismico		nd	0.00	1.00	nd	nd	nd	nd	nd
Torcente SLU	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLD	sismico correlato		nd	0.00	1.00	nd	nd	nd	nd	nd
Cat. A: Residenziale	variabile	*	nd	1.50	1.00	0.70	0.50	0.30	0.30	1.00
Cat. B: Uffici	variabile	*	nd	1.50	1.00	0.70	0.50	0.30	0.30	1.00
Cat. C: Affollamento	variabile	*	nd	1.50	1.00	0.70	0.70	0.60	0.60	1.00
Cat. D: Commerciale	variabile	*	nd	1.50	1.00	0.70	0.70	0.60	0.60	1.00
Cat. E: Magazzini	variabile	*	nd	1.50	1.00	1.00	0.90	0.80	0.80	1.00
Cat. F: Rimesse (<30kN)	variabile	*	nd	1.50	1.00	0.70	0.70	0.60	0.60	1.00
Cat. G: Rimesse (>30kN)	variabile	*	nd	1.50	1.00	0.70	0.50	0.30	0.30	1.00
Cat. H: Copertura	variabile	*	nd	1.50	1.00	0.00	0.00	0.00	0.20	1.00
Neve (q<1000)	variabile	*	nd	1.50	1.00	0.50	0.20	0.00	0.20	1.00
Neve (q>1000)	variabile	*	nd	1.50	1.00	0.70	0.50	0.20	0.20	1.00
Vento	variabile non contemporaneo		nd	1.50	0.00	0.60	0.20	0.00	0.00	1.00
Temperatura	variabile non contemporaneo		nd	1.50	0.00	0.60	0.50	0.00	0.00	1.00

SPETTRI DI RISPOSTA

PESI PROPRI TIPO (Fase 1)

Condizione di carico: "#1" Tipo: "INDEFINITO"

Tipo	gm	gx	gy	gz
1	2.5000e-003	0.0000e+000	-1.0000e+000	0.0000e+000

FORZE TIPO (Fase 1)

Condizione di carico: "#1" Tipo: "INDEFINITO"

Tipo	Fx	Fy	Fz	Mx	My	Mz
1	-6.1400e+002	-4.3000e+002	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
2	-6.5000e+002	-3.7500e+002	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000

INFORMAZIONI - ANALISI "_32" (Fase 1)

Equazioni.....	1318
Semibanda.....	78
Numero blocchi.....	1
Zero algoritmico.....	1.3531e-010
Tempo totale analisi (sec).....	3.33e-002

SPOSTAMENTI NODALI "#1" (Fase 1)

Generato da analisi sabato 10 luglio 2010 alle ore 18:26:45.

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
2	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
3	-1.5601e-003	-4.4183e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
4	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
5	-5.3153e-004	-1.2076e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
6	-4.0611e-005	1.4992e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
7	-9.5610e-004	1.4543e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
8	-2.0950e-003	6.9139e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
9	-3.8842e-003	-7.0327e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
10	-1.0819e-003	-1.7900e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
11	-2.8208e-003	-4.7451e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
12	-2.4042e-003	-3.9226e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
13	-3.3597e-003	4.8959e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000

14	-2.8225e-003	4.6571e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
15	-2.0265e-003	-3.2380e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
16	-1.6818e-003	-2.6683e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
17	-3.1587e-003	7.6590e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
18	-1.8450e-003	8.3919e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
19	-2.6804e-003	6.5508e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
20	-2.9390e-003	8.4835e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
21	-2.5214e-003	6.8052e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
22	-2.4532e-003	6.2003e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
23	-2.3684e-003	6.0305e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
24	-2.2889e-003	5.4791e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
25	-2.2180e-003	5.3541e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
26	-2.1907e-003	5.1277e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
27	-2.1186e-003	5.1498e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
28	-1.3668e-003	-2.1913e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
29	-2.1346e-003	5.1381e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
30	-2.0540e-003	5.2999e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
31	-2.1062e-003	5.4547e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
32	-2.0147e-003	5.7792e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
33	-2.0961e-003	6.0568e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
34	3.0226e-004	-3.1640e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
35	-1.9937e-003	6.5581e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
36	-2.7200e-003	-2.6217e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
37	-2.6149e-003	-2.8103e-005	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
38	-2.5116e-003	2.0922e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
39	-2.4158e-003	4.1564e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
40	-8.7955e-003	-2.2746e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
41	-1.6924e-003	9.2482e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
42	-1.5287e-003	1.0219e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
43	-1.3554e-003	1.1396e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
44	-1.1671e-003	1.2848e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
45	-8.7513e-003	-4.8265e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
46	-4.0757e-003	-1.1693e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
47	-3.9969e-003	-9.6273e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
48	-3.7791e-003	-4.6164e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
49	-3.2102e-003	-3.4777e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
50	-3.6519e-003	-1.6173e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
51	-3.0898e-003	-8.1960e-005	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
52	-3.5262e-003	1.3957e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
53	-2.9599e-003	2.0015e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
54	-1.9047e-003	4.8748e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
55	-1.8378e-003	4.8639e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
56	-1.7816e-003	5.0834e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
57	-1.7404e-003	5.6281e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
58	-1.7140e-003	6.5219e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
59	-1.6995e-003	7.7486e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
60	-1.9554e-003	-1.6150e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
61	-1.8906e-003	8.4544e-006	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
62	-1.8361e-003	1.6939e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
63	-2.3285e-003	5.4346e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
64	-1.7918e-003	2.9879e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
65	-1.7517e-003	3.8058e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
66	-1.7088e-003	4.1842e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
67	-2.2396e-003	5.7126e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
68	-2.1385e-003	5.4307e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
69	-2.0434e-003	5.1504e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
70	-1.9651e-003	5.1421e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
71	-1.9097e-003	5.4771e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
72	-1.8739e-003	6.1480e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
73	-1.9865e-003	7.5919e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
74	-1.8537e-003	7.1295e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
75	-2.3170e-003	-2.0301e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
76	-2.2322e-003	-4.9457e-007	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
77	-2.1556e-003	1.9642e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
78	-2.0909e-003	3.5802e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
79	-2.0334e-003	4.5598e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000

80	-1.9722e-003	4.8920e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
81	-3.3202e-003	-5.8005e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
82	-1.6617e-003	4.3427e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
83	-1.6159e-003	4.5413e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
84	-1.5782e-003	4.9730e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
85	-1.5523e-003	5.7476e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
86	-1.5378e-003	6.9060e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
87	-1.5316e-003	8.4259e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
88	-1.6266e-003	-1.3435e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
89	-1.5791e-003	3.7800e-006	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
90	-1.5406e-003	1.3478e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
91	-1.5087e-003	2.4161e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
92	-1.4788e-003	3.1345e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
93	-1.4469e-003	3.5444e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
94	-1.4137e-003	3.8201e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
95	-1.3840e-003	4.1789e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
96	-1.3629e-003	4.8087e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
97	-1.3526e-003	5.8394e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
98	-1.3509e-003	7.3221e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
99	-1.3534e-003	9.2114e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
100	-1.3267e-003	-1.1899e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
101	-1.2927e-003	-1.0969e-005	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
102	-1.2637e-003	9.6407e-005	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
103	-1.2372e-003	1.8782e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
104	-1.2111e-003	2.5271e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
105	-1.1851e-003	2.9435e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
106	-1.1615e-003	3.2840e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
107	-1.1450e-003	3.7585e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
108	-1.1394e-003	4.5788e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
109	-1.1447e-003	5.9161e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
110	-1.1550e-003	7.8224e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
111	-1.1629e-003	1.0185e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
112	-1.0556e-003	-1.1398e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
113	-1.0296e-003	-3.3452e-005	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
114	-1.0020e-003	5.7410e-005	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
115	-9.7288e-004	1.3914e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
116	-9.4518e-004	1.9732e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
117	-9.2193e-004	2.3570e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
118	-9.0533e-004	2.7081e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
119	-8.9955e-004	3.2504e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
120	-9.0904e-004	4.2630e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
121	-9.2998e-004	6.0108e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
122	-9.4822e-004	8.5003e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
123	-9.5503e-004	1.1430e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
124	-8.4276e-004	-1.1885e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
125	-8.5772e-004	-1.4947e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
126	-6.6672e-004	-1.2749e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
127	-6.7351e-004	-1.2753e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
128	-5.4801e-004	-1.3119e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
129	-5.5869e-004	-1.2082e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
130	-5.0726e-004	-1.2761e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
131	-8.1711e-004	-6.3448e-005	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
132	-6.2603e-004	-9.3625e-005	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
133	-4.5718e-004	-1.2154e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
134	-3.7753e-004	-1.2902e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
135	-7.8198e-004	1.6408e-005	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
136	-5.6721e-004	-1.6098e-005	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
137	-3.4621e-004	-3.1128e-005	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
138	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
139	-7.4339e-004	9.2777e-005	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
140	-5.1042e-004	5.7259e-005	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
141	-2.5604e-004	3.4645e-005	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
142	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
143	-7.1132e-004	1.4441e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
144	-4.7400e-004	9.6397e-005	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
145	-2.3690e-004	4.8043e-005	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000

146	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
147	-6.8953e-004	1.7661e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
148	-4.5672e-004	1.1788e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
149	-2.2584e-004	5.9664e-005	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
150	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
151	-6.7613e-004	2.0550e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
152	-4.4603e-004	1.3832e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
153	-2.1923e-004	6.9355e-005	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
154	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
155	-6.7331e-004	2.4992e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
156	-4.4168e-004	1.6850e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
157	-2.1483e-004	8.6848e-005	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
158	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
159	-6.8971e-004	3.4059e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
160	-4.5766e-004	2.3492e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
161	-2.1575e-004	1.1161e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
162	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
163	-7.2271e-004	5.2337e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
164	-5.0252e-004	4.1801e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
165	-2.6503e-004	2.6213e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
166	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
167	-7.4675e-004	8.0928e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
168	-5.3117e-004	7.6579e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
169	-2.9544e-004	7.3403e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
170	2.5852e-005	7.6167e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
171	-7.4965e-004	1.1368e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
172	-5.2484e-004	1.1348e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
173	-2.7502e-004	1.1416e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
174	-3.1050e-005	1.1368e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
175	-7.4565e-004	1.4713e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
176	-5.1661e-004	1.4881e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
177	-2.7817e-004	1.4953e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
178	-4.3819e-003	-4.3280e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
179	-8.5531e-003	-4.8263e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
180	-8.5527e-003	-4.5845e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
181	-8.7507e-003	-4.5920e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
182	-8.5514e-003	-4.3423e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
183	-8.7484e-003	-4.3572e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
184	-8.5496e-003	-4.1034e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
185	-8.7435e-003	-4.1252e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
186	-8.5480e-003	-3.8711e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
187	-8.7367e-003	-3.8990e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
188	-8.5478e-003	-3.6482e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
189	-8.7296e-003	-3.6812e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
190	-8.5503e-003	-3.4362e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
191	-8.7235e-003	-3.4734e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
192	-8.5568e-003	-3.2364e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
193	-8.7202e-003	-3.2767e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
194	-8.5686e-003	-3.0493e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
195	-8.7211e-003	-3.0918e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
196	-8.5868e-003	-2.8753e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
197	-8.7273e-003	-2.9191e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
198	-8.6120e-003	-2.7144e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
199	-8.7394e-003	-2.7587e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
200	-8.6445e-003	-2.5670e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
201	-8.7575e-003	-2.6107e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
202	-8.6840e-003	-2.4336e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
203	-8.7806e-003	-2.4756e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
204	-8.7293e-003	-2.3162e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
205	-8.8064e-003	-2.3548e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
206	-8.7781e-003	-2.2197e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
207	-8.8303e-003	-2.2517e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
208	-8.8269e-003	-2.1542e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
209	-8.8450e-003	-2.1738e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
210	-8.8692e-003	-2.1393e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
211	-8.8420e-003	-2.1370e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000

212	-8.8944e-003	-2.2024e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
213	-8.8180e-003	-2.1668e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
214	-8.8928e-003	-2.3692e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
215	-8.3554e-003	-4.8264e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
216	-8.3553e-003	-4.5765e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
217	-8.3553e-003	-4.3262e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
218	-8.3561e-003	-4.0803e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
219	-8.3588e-003	-3.8421e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
220	-8.3644e-003	-3.6142e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
221	-8.3742e-003	-3.3985e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
222	-8.3896e-003	-3.1959e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
223	-8.4118e-003	-3.0072e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
224	-8.4420e-003	-2.8326e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
225	-8.4815e-003	-2.6723e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
226	-8.5313e-003	-2.5267e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
227	-8.5925e-003	-2.3970e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
228	-8.6664e-003	-2.2862e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
229	-8.7547e-003	-2.2003e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
230	-8.8578e-003	-2.1506e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
231	-8.9718e-003	-2.1537e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
232	-9.0648e-003	-2.2468e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
233	-9.0994e-003	-2.5482e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
234	-8.1563e-003	-4.8273e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
235	-8.1565e-003	-4.5676e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
236	-8.1574e-003	-4.3086e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
237	-8.1603e-003	-4.0553e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
238	-8.1663e-003	-3.8111e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
239	-8.1768e-003	-3.5786e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
240	-8.1931e-003	-3.3595e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
241	-8.2166e-003	-3.1549e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
242	-8.2488e-003	-2.9653e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
243	-8.2912e-003	-2.7912e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
244	-8.3458e-003	-2.6329e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
245	-8.4149e-003	-2.4912e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
246	-8.5016e-003	-2.3682e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
247	-8.6105e-003	-2.2680e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
248	-8.7480e-003	-2.1978e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
249	-8.9237e-003	-2.1686e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
250	-9.1496e-003	-2.1987e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
251	-9.4543e-003	-2.3125e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
252	-9.5821e-003	-2.8330e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
253	-7.9537e-003	-4.8289e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
254	-7.9540e-003	-4.5573e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
255	-7.9555e-003	-4.2887e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
256	-7.9599e-003	-4.0276e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
257	-7.9687e-003	-3.7774e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
258	-7.9833e-003	-3.5406e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
259	-8.0052e-003	-3.3186e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
260	-8.0360e-003	-3.1125e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
261	-8.0774e-003	-2.9230e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
262	-8.1316e-003	-2.7506e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
263	-8.2012e-003	-2.5960e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
264	-8.2898e-003	-2.4607e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
265	-8.4025e-003	-2.3475e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
266	-8.5468e-003	-2.2619e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
267	-8.7347e-003	-2.2128e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
268	-8.9879e-003	-2.2150e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
269	-9.3586e-003	-2.2956e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
270	-9.9795e-003	-2.5627e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
271	-1.1528e-002	-2.9273e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
272	-7.7458e-003	-4.8303e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
273	-7.7461e-003	-4.5451e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
274	-7.7478e-003	-4.2659e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
275	-7.7533e-003	-3.9966e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
276	-7.7641e-003	-3.7405e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
277	-7.7820e-003	-3.4994e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000

278	-7.8086e-003	-3.2751e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
279	-7.8457e-003	-3.0683e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
280	-7.8953e-003	-2.8799e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
281	-7.9600e-003	-2.7104e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
282	-8.0430e-003	-2.5610e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
283	-8.1488e-003	-2.4336e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
284	-8.2833e-003	-2.3322e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
285	-8.4552e-003	-2.2631e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
286	-8.6779e-003	-2.2369e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
287	-8.9738e-003	-2.2703e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
288	-9.3738e-003	-2.3907e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
289	-9.8333e-003	-2.5264e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
290	-9.7975e-003	-1.6863e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
291	-7.5313e-003	-4.8305e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
292	-7.5313e-003	-4.5301e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
293	-7.5330e-003	-4.2394e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
294	-7.5390e-003	-3.9617e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
295	-7.5513e-003	-3.6995e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
296	-7.5717e-003	-3.4546e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
297	-7.6019e-003	-3.2283e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
298	-7.6440e-003	-3.0215e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
299	-7.7001e-003	-2.8348e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
300	-7.7731e-003	-2.6691e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
301	-7.8663e-003	-2.5257e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
302	-7.9841e-003	-2.4069e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
303	-8.1316e-003	-2.3165e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
304	-8.3146e-003	-2.2605e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
305	-8.5379e-003	-2.2458e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
306	-8.7943e-003	-2.2738e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
307	-9.0149e-003	-2.2905e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
308	-9.0318e-003	-1.9529e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
309	-9.0086e-003	-1.2023e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
310	-7.3092e-003	-4.8282e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
311	-7.3087e-003	-4.5113e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
312	-7.3101e-003	-4.2084e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
313	-7.3162e-003	-3.9220e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
314	-7.3292e-003	-3.6538e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
315	-7.3511e-003	-3.4053e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
316	-7.3838e-003	-3.1774e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
317	-7.4292e-003	-2.9710e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
318	-7.4898e-003	-2.7867e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
319	-7.5680e-003	-2.6251e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
320	-7.6670e-003	-2.4875e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
321	-7.7897e-003	-2.3758e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
322	-7.9384e-003	-2.2922e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
323	-8.1119e-003	-2.2384e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
324	-8.2981e-003	-2.2085e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
325	-8.4542e-003	-2.1666e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
326	-8.5054e-003	-1.9787e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
327	-8.4787e-003	-1.5338e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
328	-8.4383e-003	-1.0184e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
329	-7.0789e-003	-4.8222e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
330	-7.0777e-003	-4.4878e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
331	-7.0784e-003	-4.1723e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
332	-7.0841e-003	-3.8769e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
333	-7.0972e-003	-3.6027e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
334	-7.1196e-003	-3.3508e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
335	-7.1533e-003	-3.1217e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
336	-7.2003e-003	-2.9160e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
337	-7.2627e-003	-2.7341e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
338	-7.3428e-003	-2.5763e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
339	-7.4424e-003	-2.4433e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
340	-7.5625e-003	-2.3353e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
341	-7.7014e-003	-2.2513e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
342	-7.8499e-003	-2.1844e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
343	-7.9847e-003	-2.1110e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000

344	-8.0685e-003	-1.9679e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
345	-8.0929e-003	-1.6771e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
346	-8.0866e-003	-1.2761e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
347	-8.0537e-003	-9.9371e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
348	-6.8400e-003	-4.8113e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
349	-6.8379e-003	-4.4588e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
350	-6.8377e-003	-4.1303e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
351	-6.8425e-003	-3.8258e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
352	-6.8548e-003	-3.5457e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
353	-6.8767e-003	-3.2904e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
354	-6.9100e-003	-3.0603e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
355	-6.9566e-003	-2.8553e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
356	-7.0183e-003	-2.6756e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
357	-7.0965e-003	-2.5208e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
358	-7.1919e-003	-2.3903e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
359	-7.3033e-003	-2.2819e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
360	-7.4255e-003	-2.1895e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
361	-7.5463e-003	-2.0973e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
362	-7.6479e-003	-1.9707e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
363	-7.7230e-003	-1.7596e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
364	-7.7930e-003	-1.4473e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
365	-7.8629e-003	-1.1320e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
366	-7.8705e-003	-1.1008e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
367	-6.5927e-003	-4.7942e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
368	-6.5894e-003	-4.4233e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
369	-6.5879e-003	-4.0816e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
370	-6.5913e-003	-3.7680e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
371	-6.6022e-003	-3.4820e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
372	-6.6224e-003	-3.2235e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
373	-6.6539e-003	-2.9923e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
374	-6.6981e-003	-2.7880e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
375	-6.7564e-003	-2.6100e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
376	-6.8296e-003	-2.4570e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
377	-6.9170e-003	-2.3267e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
378	-7.0159e-003	-2.2139e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
379	-7.1204e-003	-2.1079e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
380	-7.2222e-003	-1.9876e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
381	-7.3189e-003	-1.8218e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
382	-7.4284e-003	-1.5862e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
383	-7.5902e-003	-1.3074e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
384	-7.8685e-003	-1.0772e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
385	-8.0187e-003	-1.3311e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
386	-6.3372e-003	-4.7698e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
387	-6.3324e-003	-4.3806e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
388	-6.3293e-003	-4.0257e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
389	-6.3309e-003	-3.7030e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
390	-6.3395e-003	-3.4112e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
391	-6.3570e-003	-3.1495e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
392	-6.3852e-003	-2.9172e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
393	-6.4252e-003	-2.7133e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
394	-6.4779e-003	-2.5364e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
395	-6.5433e-003	-2.3840e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
396	-6.6201e-003	-2.2519e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
397	-6.7053e-003	-2.1324e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
398	-6.7951e-003	-2.0119e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
399	-6.8887e-003	-1.8703e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
400	-6.9984e-003	-1.6875e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
401	-7.1591e-003	-1.4653e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
402	-7.4401e-003	-1.2519e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
403	-7.9771e-003	-1.2243e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
404	-9.4863e-003	-1.4756e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
405	-6.0740e-003	-4.7371e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
406	-6.0675e-003	-4.3298e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
407	-6.0625e-003	-3.9619e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
408	-6.0617e-003	-3.6302e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
409	-6.0673e-003	-3.3326e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000

410	-6.0811e-003	-3.0677e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
411	-6.1046e-003	-2.8343e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
412	-6.1388e-003	-2.6305e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
413	-6.1840e-003	-2.4542e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
414	-6.2397e-003	-2.3015e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
415	-6.3044e-003	-2.1666e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
416	-6.3761e-003	-2.0400e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
417	-6.4540e-003	-1.9080e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
418	-6.5446e-003	-1.7553e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
419	-6.6683e-003	-1.5751e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
420	-6.8648e-003	-1.3860e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
421	-7.1987e-003	-1.2531e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
422	-7.6776e-003	-1.2278e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
423	-7.6830e-003	-1.8703e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
424	-5.8038e-003	-4.6952e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
425	-5.7954e-003	-4.2704e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
426	-5.7881e-003	-3.8899e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
427	-5.7844e-003	-3.5493e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
428	-5.7864e-003	-3.2459e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
429	-5.7955e-003	-2.9779e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
430	-5.8131e-003	-2.7432e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
431	-5.8400e-003	-2.5394e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
432	-5.8762e-003	-2.3632e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
433	-5.9209e-003	-2.2098e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
434	-5.9728e-003	-2.0717e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
435	-6.0308e-003	-1.9392e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
436	-6.0973e-003	-1.8001e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
437	-6.1814e-003	-1.6449e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
438	-6.3017e-003	-1.4755e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
439	-6.4805e-003	-1.3114e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
440	-6.6856e-003	-1.1632e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
441	-6.7064e-003	-6.8235e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
442	-6.6518e-003	4.2589e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
443	-5.5274e-003	-4.6433e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
444	-5.5169e-003	-4.2019e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
445	-5.5071e-003	-3.8091e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
446	-5.5001e-003	-3.4598e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
447	-5.4976e-003	-3.1507e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
448	-5.5011e-003	-2.8795e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
449	-5.5119e-003	-2.6436e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
450	-5.5304e-003	-2.4398e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
451	-5.5565e-003	-2.2637e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
452	-5.5893e-003	-2.1093e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
453	-5.6275e-003	-1.9686e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
454	-5.6711e-003	-1.8318e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
455	-5.7229e-003	-1.6889e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
456	-5.7896e-003	-1.5340e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
457	-5.8777e-003	-1.3681e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
458	-5.9676e-003	-1.1867e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
459	-5.9709e-003	-8.7372e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
460	-5.8773e-003	-2.0845e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
461	-5.7924e-003	7.4768e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
462	-5.2460e-003	-4.5810e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
463	-5.2331e-003	-4.1239e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
464	-5.2204e-003	-3.7192e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
465	-5.2096e-003	-3.3614e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
466	-5.2020e-003	-3.0467e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
467	-5.1991e-003	-2.7724e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
468	-5.2022e-003	-2.5355e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
469	-5.2115e-003	-2.3317e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
470	-5.2268e-003	-2.1558e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
471	-5.2470e-003	-2.0007e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
472	-5.2708e-003	-1.8580e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
473	-5.2980e-003	-1.7181e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
474	-5.3296e-003	-1.5722e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
475	-5.3657e-003	-1.4137e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000

476	-5.3950e-003	-1.2331e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
477	-5.3764e-003	-9.8386e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
478	-5.2775e-003	-5.5227e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
479	-5.1437e-003	1.3002e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
480	-5.0418e-003	9.2699e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
481	-4.9604e-003	-4.5077e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
482	-4.9450e-003	-4.0361e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
483	-4.9292e-003	-3.6201e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
484	-4.9140e-003	-3.2537e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
485	-4.9006e-003	-2.9335e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
486	-4.8907e-003	-2.6564e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
487	-4.8853e-003	-2.4187e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
488	-4.8850e-003	-2.2154e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
489	-4.8891e-003	-2.0401e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
490	-4.8963e-003	-1.8848e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
491	-4.9049e-003	-1.7406e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
492	-4.9134e-003	-1.5979e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
493	-4.9194e-003	-1.4473e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
494	-4.9153e-003	-1.2775e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
495	-4.8801e-003	-1.0641e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
496	-4.7864e-003	-7.4980e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
497	-4.6377e-003	-2.6945e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
498	-4.4774e-003	3.5852e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
499	-4.3505e-003	1.0148e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
500	-4.6720e-003	-4.4234e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
501	-4.6539e-003	-3.9385e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
502	-4.6346e-003	-3.5114e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
503	-4.6143e-003	-3.1366e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
504	-4.5945e-003	-2.8110e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
505	-4.5769e-003	-2.5315e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
506	-4.5628e-003	-2.2936e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
507	-4.5526e-003	-2.0914e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
508	-4.5455e-003	-1.9172e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
509	-4.5396e-003	-1.7622e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
510	-4.5325e-003	-1.6168e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
511	-4.5208e-003	-1.4708e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
512	-4.4985e-003	-1.3126e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
513	-4.4534e-003	-1.1248e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
514	-4.3671e-003	-8.7671e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
515	-4.2304e-003	-5.2148e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
516	-4.0542e-003	-4.2051e-005	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
517	-3.8644e-003	5.0954e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
518	-3.6610e-003	1.0160e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
519	-4.3608e-003	-3.8311e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
520	-4.3376e-003	-3.3931e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
521	-4.3117e-003	-3.0097e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
522	-4.2847e-003	-2.6788e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
523	-4.2588e-003	-2.3975e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
524	-4.2358e-003	-2.1603e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
525	-4.2159e-003	-1.9601e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
526	-4.1980e-003	-1.7878e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
527	-4.1796e-003	-1.6337e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
528	-4.1569e-003	-1.4873e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
529	-4.1250e-003	-1.3372e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
530	-4.4331e-004	-6.5820e-005	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
531	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
532	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
533	-9.3984e-004	-2.3989e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
534	-6.6166e-004	-1.4589e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
535	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
536	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
537	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
538	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
539	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
540	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
541	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000

542	3.7322e-004	-2.1074e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
543	-3.9917e-003	-3.6940e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
544	-4.0158e-003	-4.1932e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
545	-3.6237e-003	-3.5424e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
546	-3.6509e-003	-4.0427e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
547	-3.2589e-003	-3.3775e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
548	-3.2891e-003	-3.8787e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
549	-2.8989e-003	-3.2006e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
550	-2.9322e-003	-3.7051e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
551	-2.5443e-003	-3.0138e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
552	-2.5807e-003	-3.5281e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
553	-2.1932e-003	-2.8193e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
554	-2.2330e-003	-3.3580e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
555	-1.8393e-003	-2.6187e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
556	-1.8821e-003	-3.2111e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
557	-1.4665e-003	-2.4127e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
558	-1.5080e-003	-3.1135e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
559	-1.0398e-003	-2.2055e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
560	-1.0611e-003	-3.0975e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
561	-5.1576e-004	-2.0417e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
562	-4.1572e-004	-3.1678e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
563	-3.4858e-003	-8.3450e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
564	-3.0186e-003	-7.1533e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
565	-2.5912e-003	-6.0631e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
566	-2.1994e-003	-5.0754e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
567	-1.8390e-003	-4.1795e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
568	-1.5074e-003	-3.3607e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
569	-1.2036e-003	-2.6035e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
570	-9.2867e-004	-1.8974e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
571	-6.8738e-004	-1.2448e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
572	-4.8562e-004	-7.0589e-005	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
573	-3.9637e-003	-3.2507e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
574	-3.5903e-003	-3.0928e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
575	-3.2192e-003	-2.9187e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
576	-2.8511e-003	-2.7273e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
577	-2.4857e-003	-2.5162e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
578	-2.1202e-003	-2.2811e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
579	-1.7478e-003	-2.0140e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
580	-1.3570e-003	-1.7009e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
581	-9.3432e-004	-1.3176e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
582	-4.6295e-004	-8.0216e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
583	-3.9306e-003	-2.8622e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
584	-3.5490e-003	-2.6980e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
585	-3.1681e-003	-2.5156e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
586	-2.7879e-003	-2.3129e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
587	-2.4072e-003	-2.0866e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
588	-2.0229e-003	-1.8319e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
589	-1.6295e-003	-1.5422e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
590	-1.2203e-003	-1.2097e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
591	-7.8984e-004	-8.2719e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
592	-3.4935e-004	-4.0309e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
593	-3.8945e-003	-2.5286e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
594	-3.5030e-003	-2.3617e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
595	-3.1112e-003	-2.1769e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
596	-2.7190e-003	-1.9728e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
597	-2.3254e-003	-1.7475e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
598	-1.9285e-003	-1.4992e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
599	-1.5261e-003	-1.2268e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
600	-1.1179e-003	-9.3198e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
601	-7.1095e-004	-6.2198e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
602	-3.3075e-004	-3.1027e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
603	-3.8584e-003	-2.2475e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
604	-3.4570e-003	-2.0822e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
605	-3.0555e-003	-1.9012e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
606	-2.6544e-003	-1.7041e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
607	-2.2536e-003	-1.4911e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000

608	-1.8531e-003	-1.2627e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
609	-1.4538e-003	-1.0211e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
610	-1.0596e-003	-7.7016e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
611	-6.7909e-004	-5.1537e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
612	-3.2395e-004	-2.6035e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
613	-3.8248e-003	-2.0131e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
614	-3.4140e-003	-1.8524e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
615	-3.0049e-003	-1.6788e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
616	-2.5984e-003	-1.4931e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
617	-2.1955e-003	-1.2964e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
618	-1.7973e-003	-1.0903e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
619	-1.4060e-003	-8.7736e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
620	-1.0256e-003	-6.6015e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
621	-6.6119e-004	-4.4089e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
622	-3.1772e-004	-2.2039e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
623	-3.7940e-003	-1.8166e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
624	-3.3746e-003	-1.6618e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
625	-2.9595e-003	-1.4970e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
626	-2.5503e-003	-1.3234e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
627	-2.1481e-003	-1.1427e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
628	-1.7547e-003	-9.5679e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
629	-1.3718e-003	-7.6741e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
630	-1.0021e-003	-5.7624e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
631	-6.4832e-004	-3.8436e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
632	-3.1360e-004	-1.9238e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
633	-3.7646e-003	-1.6482e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
634	-3.3368e-003	-1.4994e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
635	-2.9167e-003	-1.3429e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
636	-2.5062e-003	-1.1806e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
637	-2.1065e-003	-1.0141e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
638	-1.7188e-003	-8.4535e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
639	-1.3441e-003	-6.7573e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
640	-9.8357e-004	-5.0626e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
641	-6.3840e-004	-3.3738e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
642	-3.1008e-004	-1.6879e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
643	-3.7335e-003	-1.4975e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
644	-3.2969e-003	-1.3539e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
645	-2.8723e-003	-1.2049e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
646	-2.4615e-003	-1.0524e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
647	-2.0655e-003	-8.9837e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
648	-1.6849e-003	-7.4449e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
649	-1.3193e-003	-5.9216e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
650	-9.6810e-004	-4.4220e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
651	-6.3088e-004	-2.9417e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
652	-3.9587e-004	-5.9264e-005	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
653	-3.6963e-003	-1.3537e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
654	-3.2502e-003	-1.2146e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
655	-2.8215e-003	-1.0723e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
656	-2.4115e-003	-9.2895e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
657	-2.0208e-003	-7.8636e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
658	-1.6490e-003	-6.4603e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
659	-1.2950e-003	-5.0933e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
660	-9.5638e-004	-3.7751e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
661	-6.2826e-004	-2.5107e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
662	-1.2381e-003	-3.3866e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
663	-3.6474e-003	-1.2053e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
664	-3.1916e-003	-1.0704e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
665	-2.7597e-003	-9.3519e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
666	-2.3522e-003	-8.0185e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
667	-1.9686e-003	-6.7163e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
668	-1.6079e-003	-5.4535e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
669	-1.2688e-003	-4.2374e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
670	-9.4819e-004	-3.0790e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
671	-6.3969e-004	-2.0007e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
672	-3.2169e-004	-1.0432e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
673	-3.5798e-003	-1.0383e-003	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000

674	-3.1157e-003	-9.0871e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
675	-2.6833e-003	-7.8338e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
676	-2.2812e-003	-6.6368e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
677	-1.9074e-003	-5.4996e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
678	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
679	-3.0715e-004	-1.4709e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
680	-3.0720e-004	-1.2993e-004	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
681	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000

SFORZI "#1" (Fase 1)

Generato da analisi sabato 10 luglio 2010 alle ore 18:26:45.

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
1	680	-4.9547e-001	-2.8337e+000	-3.0332e+000	-3.3292e-001	0.0000e+000	0.0000e+000
	672	-4.2226e-001	-2.1748e+000	-3.0302e+000	-2.5971e-001	0.0000e+000	0.0000e+000
	671	-4.1716e-001	-2.1742e+000	-2.8275e+000	-2.5914e-001	0.0000e+000	0.0000e+000
	661	-5.0417e-001	-2.9573e+000	-2.8313e+000	-3.4615e-001	0.0000e+000	0.0000e+000
2	681	-3.2534e-001	-2.9281e+000	-3.0769e+000	-3.2534e-001	0.0000e+000	0.0000e+000
	532	-2.6080e-001	-2.3472e+000	-3.2169e+000	-2.6080e-001	0.0000e+000	0.0000e+000
	672	-4.4359e-001	-2.3675e+000	-3.0669e+000	-2.8111e-001	0.0000e+000	0.0000e+000
	680	-5.1813e-001	-3.0353e+000	-2.9058e+000	-3.5534e-001	0.0000e+000	0.0000e+000
3	679	-3.6838e-001	-3.3066e+000	-3.0868e+000	-3.6750e-001	0.0000e+000	0.0000e+000
	680	-3.1326e-001	-2.8106e+000	-3.0600e+000	-3.1238e-001	0.0000e+000	0.0000e+000
	661	-2.8198e-001	-2.8996e+000	-2.9124e+000	-3.1815e-001	0.0000e+000	0.0000e+000
	651	-3.2700e-001	-3.3047e+000	-2.9342e+000	-3.6317e-001	0.0000e+000	0.0000e+000
4	678	-3.6832e-001	-3.3149e+000	-3.0764e+000	-3.6832e-001	0.0000e+000	0.0000e+000
	681	-3.2534e-001	-2.9281e+000	-3.0769e+000	-3.2534e-001	0.0000e+000	0.0000e+000
	680	-3.3567e-001	-3.0122e+000	-2.9315e+000	-3.3479e-001	0.0000e+000	0.0000e+000
	679	-3.6958e-001	-3.3174e+000	-2.9311e+000	-3.6870e-001	0.0000e+000	0.0000e+000
5	535	-4.2199e-001	-3.7979e+000	-3.1008e+000	-4.2199e-001	0.0000e+000	0.0000e+000
	678	-3.6832e-001	-3.3149e+000	-3.0764e+000	-3.6832e-001	0.0000e+000	0.0000e+000
	679	-3.3048e-001	-3.3131e+000	-2.9273e+000	-3.6436e-001	0.0000e+000	0.0000e+000
	642	-3.8393e-001	-3.7937e+000	-2.9518e+000	-4.1776e-001	0.0000e+000	0.0000e+000
6	642	-3.8386e-001	-3.7890e+000	-3.1342e+000	-4.1728e-001	0.0000e+000	0.0000e+000
	679	-3.2967e-001	-3.3024e+000	-3.0830e+000	-3.6321e-001	0.0000e+000	0.0000e+000
	651	-2.5067e-001	-3.2962e+000	-2.9338e+000	-3.5469e-001	0.0000e+000	0.0000e+000
	641	-3.0444e-001	-3.7802e+000	-2.9845e+000	-4.0846e-001	0.0000e+000	0.0000e+000
7	612	-6.5088e-001	-5.8579e+000	-3.2395e+000	-6.5088e-001	0.0000e+000	0.0000e+000
	4	-6.5088e-001	-5.8579e+000	-3.2395e+000	-6.5088e-001	0.0000e+000	0.0000e+000
	538	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
8	602	-5.9959e-001	-6.3366e+000	-2.9240e+000	-6.9362e-001	0.0000e+000	0.0000e+000
	4	-5.9959e-001	-6.3366e+000	-2.9240e+000	-6.9362e-001	0.0000e+000	0.0000e+000
	612	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
9	602	-7.7568e-001	-6.9812e+000	-3.3075e+000	-7.7568e-001	0.0000e+000	0.0000e+000
	539	-7.7568e-001	-6.9812e+000	-3.3075e+000	-7.7568e-001	0.0000e+000	0.0000e+000
	4	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
10	572	-1.2746e+000	-2.4761e-001	-7.9415e-001	-1.5223e-001	0.0000e+000	0.0000e+000
	530	-1.4663e+000	-2.6891e-001	-8.2568e-001	-1.7353e-001	0.0000e+000	0.0000e+000
	5	-1.4546e+000	-1.6327e-001	-6.9883e-001	-1.6179e-001	0.0000e+000	0.0000e+000
	129	-1.2455e+000	-1.4003e-001	-6.6443e-001	-1.3855e-001	0.0000e+000	0.0000e+000
11	571	-4.6033e-001	-1.2487e+000	-2.1058e+000	-1.7091e-001	0.0000e+000	0.0000e+000
	572	-1.6165e+000	-1.3772e+000	-2.4185e+000	-2.9937e-001	0.0000e+000	0.0000e+000
	129	-1.3950e+000	-3.1771e-001	-1.6250e+000	-1.7127e-001	0.0000e+000	0.0000e+000
	127	-1.3370e-001	-1.7757e-001	-1.2838e+000	-3.1127e-002	0.0000e+000	0.0000e+000
12	570	1.2023e-002	-1.4490e+000	-2.2374e+000	-1.4369e-001	0.0000e+000	0.0000e+000
	571	-5.9739e-001	-1.5167e+000	-2.5150e+000	-2.1141e-001	0.0000e+000	0.0000e+000
	127	-3.8326e-001	-5.7441e-001	-2.0613e+000	-9.5767e-002	0.0000e+000	0.0000e+000
	125	2.8155e-001	-5.0054e-001	-1.7584e+000	-2.1899e-002	0.0000e+000	0.0000e+000
13	569	3.1863e-001	-1.5336e+000	-2.3254e+000	-1.2150e-001	0.0000e+000	0.0000e+000
	570	-1.3985e-001	-1.5846e+000	-2.5833e+000	-1.7244e-001	0.0000e+000	0.0000e+000

	125	8.1190e-002	-7.0670e-001	-2.2095e+000	-6.2551e-002	0.0000e+000	0.0000e+000
	10	5.8134e-001	-6.5112e-001	-1.9282e+000	-6.9782e-003	0.0000e+000	0.0000e+000
14	568	5.9280e-001	-1.6168e+000	-2.3516e+000	-1.0240e-001	0.0000e+000	0.0000e+000
	569	1.4687e-001	-1.6663e+000	-2.6271e+000	-1.5195e-001	0.0000e+000	0.0000e+000
	10	3.8322e-001	-8.2609e-001	-2.2742e+000	-4.4287e-002	0.0000e+000	0.0000e+000
	28	8.1758e-001	-7.7783e-001	-2.0058e+000	3.9746e-003	0.0000e+000	0.0000e+000
15	567	8.5722e-001	-1.7244e+000	-2.3772e+000	-8.6715e-002	0.0000e+000	0.0000e+000
	568	4.3677e-001	-1.7711e+000	-2.6436e+000	-1.3343e-001	0.0000e+000	0.0000e+000
	28	6.5091e-001	-9.6018e-001	-2.3156e+000	-3.0928e-002	0.0000e+000	0.0000e+000
	16	1.0604e+000	-9.1468e-001	-2.0561e+000	1.4576e-002	0.0000e+000	0.0000e+000
16	566	1.1215e+000	-1.8662e+000	-2.4237e+000	-7.4471e-002	0.0000e+000	0.0000e+000
	567	7.0538e-001	-1.9124e+000	-2.6802e+000	-1.2070e-001	0.0000e+000	0.0000e+000
	16	9.0409e-001	-1.1327e+000	-2.3644e+000	-2.2862e-002	0.0000e+000	0.0000e+000
	15	1.3094e+000	-1.0877e+000	-2.1146e+000	2.2167e-002	0.0000e+000	0.0000e+000
17	565	1.3724e+000	-2.0426e+000	-2.5137e+000	-6.7023e-002	0.0000e+000	0.0000e+000
	566	9.6716e-001	-2.0876e+000	-2.7552e+000	-1.1205e-001	0.0000e+000	0.0000e+000
	15	1.1474e+000	-1.3542e+000	-2.4562e+000	-2.0677e-002	0.0000e+000	0.0000e+000
	12	1.5421e+000	-1.3103e+000	-2.2210e+000	2.3179e-002	0.0000e+000	0.0000e+000
18	564	1.5795e+000	-2.2470e+000	-2.6695e+000	-6.6751e-002	0.0000e+000	0.0000e+000
	565	1.2137e+000	-2.2876e+000	-2.8868e+000	-1.0739e-001	0.0000e+000	0.0000e+000
	12	1.3667e+000	-1.6286e+000	-2.6228e+000	-2.6185e-002	0.0000e+000	0.0000e+000
	11	1.7229e+000	-1.5890e+000	-2.4111e+000	1.3395e-002	0.0000e+000	0.0000e+000
19	563	1.6619e+000	-2.4637e+000	-2.8944e+000	-8.0189e-002	0.0000e+000	0.0000e+000
	564	1.4230e+000	-2.4903e+000	-3.0817e+000	-1.0672e-001	0.0000e+000	0.0000e+000
	11	1.5245e+000	-1.9626e+000	-2.9160e+000	-4.3809e-002	0.0000e+000	0.0000e+000
	81	1.7417e+000	-1.9385e+000	-2.7457e+000	-1.9687e-002	0.0000e+000	0.0000e+000
20	47	1.5380e+000	-2.6785e+000	-3.2101e+000	-1.1405e-001	0.0000e+000	0.0000e+000
	563	1.5668e+000	-2.6754e+000	-3.3407e+000	-1.1086e-001	0.0000e+000	0.0000e+000
	81	1.6046e+000	-2.3111e+000	-3.3447e+000	-7.0644e-002	0.0000e+000	0.0000e+000
	9	1.5785e+000	-2.3140e+000	-3.2260e+000	-7.3547e-002	0.0000e+000	0.0000e+000
21	652	-1.5445e+000	-1.4886e+000	-4.0370e+000	-3.0331e-001	0.0000e+000	0.0000e+000
	531	-7.0447e+000	-2.0997e+000	-4.4138e+000	-9.1444e-001	0.0000e+000	0.0000e+000
	530	-6.9084e+000	-8.7359e-001	-8.7826e-001	-7.7820e-001	0.0000e+000	0.0000e+000
	572	-1.4083e+000	-2.6246e-001	-5.0147e-001	-1.6707e-001	0.0000e+000	0.0000e+000
22	534	-6.1672e-001	-1.9935e+000	-2.5099e+000	-2.6102e-001	0.0000e+000	0.0000e+000
	652	-1.6129e+000	-2.1042e+000	-2.7362e+000	-3.7171e-001	0.0000e+000	0.0000e+000
	572	-1.5311e+000	-1.3677e+000	-2.0959e+000	-2.8988e-001	0.0000e+000	0.0000e+000
	571	-5.3489e-001	-1.2570e+000	-1.8696e+000	-1.7919e-001	0.0000e+000	0.0000e+000
23	533	-6.1304e-002	-2.0958e+000	-2.4351e+000	-2.1571e-001	0.0000e+000	0.0000e+000
	534	-6.3518e-001	-2.1596e+000	-2.6338e+000	-2.7948e-001	0.0000e+000	0.0000e+000
	571	-5.6333e-001	-1.5129e+000	-2.2649e+000	-2.0762e-001	0.0000e+000	0.0000e+000
	570	1.0552e-002	-1.4491e+000	-2.0662e+000	-1.4386e-001	0.0000e+000	0.0000e+000
24	662	2.8991e-001	-2.1626e+000	-2.4409e+000	-1.8727e-001	0.0000e+000	0.0000e+000
	533	-7.3206e-002	-2.2029e+000	-2.6357e+000	-2.2762e-001	0.0000e+000	0.0000e+000
	570	-2.8051e-003	-1.5693e+000	-2.4022e+000	-1.5721e-001	0.0000e+000	0.0000e+000
	569	3.6031e-001	-1.5290e+000	-2.2075e+000	-1.1687e-001	0.0000e+000	0.0000e+000
25	3	5.6249e-001	-2.2303e+000	-2.4893e+000	-1.6678e-001	0.0000e+000	0.0000e+000
	662	2.7889e-001	-2.2618e+000	-2.6791e+000	-1.9829e-001	0.0000e+000	0.0000e+000
	569	3.4753e-001	-1.6440e+000	-2.4968e+000	-1.2965e-001	0.0000e+000	0.0000e+000
	568	6.3113e-001	-1.6125e+000	-2.3070e+000	-9.8139e-002	0.0000e+000	0.0000e+000
26	677	7.9279e-001	-2.3146e+000	-2.5597e+000	-1.5218e-001	0.0000e+000	0.0000e+000
	3	5.5013e-001	-2.3416e+000	-2.7411e+000	-1.7915e-001	0.0000e+000	0.0000e+000
	568	6.1572e-001	-1.7512e+000	-2.5852e+000	-1.1355e-001	0.0000e+000	0.0000e+000
	567	8.5839e-001	-1.7242e+000	-2.4037e+000	-8.6585e-002	0.0000e+000	0.0000e+000
27	676	9.8795e-001	-2.4175e+000	-2.6585e+000	-1.4295e-001	0.0000e+000	0.0000e+000
	677	7.7878e-001	-2.4407e+000	-2.8254e+000	-1.6619e-001	0.0000e+000	0.0000e+000
	567	8.3914e-001	-1.8975e+000	-2.6910e+000	-1.0584e-001	0.0000e+000	0.0000e+000
	566	1.0483e+000	-1.8743e+000	-2.5240e+000	-8.2598e-002	0.0000e+000	0.0000e+000

28	675	1.1337e+000	-2.5340e+000	-2.7971e+000	-1.4003e-001	0.0000e+000	0.0000e+000
	676	9.7302e-001	-2.5518e+000	-2.9418e+000	-1.5788e-001	0.0000e+000	0.0000e+000
	566	1.0253e+000	-2.0812e+000	-2.8385e+000	-1.0559e-001	0.0000e+000	0.0000e+000
	565	1.1860e+000	-2.0633e+000	-2.6938e+000	-8.7730e-002	0.0000e+000	0.0000e+000
29	674	1.1964e+000	-2.6522e+000	-2.9864e+000	-1.4558e-001	0.0000e+000	0.0000e+000
	675	1.1197e+000	-2.6607e+000	-3.0993e+000	-1.5410e-001	0.0000e+000	0.0000e+000
	565	1.1604e+000	-2.2935e+000	-3.0499e+000	-1.1331e-001	0.0000e+000	0.0000e+000
	564	1.2372e+000	-2.2850e+000	-2.9371e+000	-1.0478e-001	0.0000e+000	0.0000e+000
30	673	1.1381e+000	-2.7539e+000	-3.2317e+000	-1.6158e-001	0.0000e+000	0.0000e+000
	674	1.1857e+000	-2.7486e+000	-3.3038e+000	-1.5629e-001	0.0000e+000	0.0000e+000
	564	1.2117e+000	-2.5138e+000	-3.3344e+000	-1.3020e-001	0.0000e+000	0.0000e+000
	563	1.1642e+000	-2.5190e+000	-3.2623e+000	-1.3549e-001	0.0000e+000	0.0000e+000
31	46	8.9851e-001	-2.8101e+000	-3.5313e+000	-1.9115e-001	0.0000e+000	0.0000e+000
	673	1.1347e+000	-2.7838e+000	-3.5501e+000	-1.6491e-001	0.0000e+000	0.0000e+000
	563	1.1415e+000	-2.7226e+000	-3.7019e+000	-1.5811e-001	0.0000e+000	0.0000e+000
	47	9.0531e-001	-2.7488e+000	-3.6831e+000	-1.8435e-001	0.0000e+000	0.0000e+000
32	672	-1.4149e+000	-2.4754e+000	-2.9053e+000	-3.8903e-001	0.0000e+000	0.0000e+000
	532	-2.6080e-001	-2.3472e+000	-3.2169e+000	-2.6080e-001	0.0000e+000	0.0000e+000
	531	-1.4816e-001	-1.3334e+000	-3.9587e+000	-1.4816e-001	0.0000e+000	0.0000e+000
	652	-1.3022e+000	-1.4617e+000	-3.6472e+000	-2.7639e-001	0.0000e+000	0.0000e+000
33	671	-5.8115e-001	-2.1925e+000	-2.8054e+000	-2.7736e-001	0.0000e+000	0.0000e+000
	672	-1.3935e+000	-2.2827e+000	-2.8685e+000	-3.6762e-001	0.0000e+000	0.0000e+000
	652	-1.3706e+000	-2.0772e+000	-2.3464e+000	-3.4479e-001	0.0000e+000	0.0000e+000
	534	-5.5832e-001	-1.9870e+000	-2.2832e+000	-2.5453e-001	0.0000e+000	0.0000e+000
34	670	-1.3971e-001	-2.4117e+000	-2.6147e+000	-2.5514e-001	0.0000e+000	0.0000e+000
	671	-6.1133e-001	-2.4641e+000	-2.7103e+000	-3.0755e-001	0.0000e+000	0.0000e+000
	534	-5.7677e-001	-2.1531e+000	-2.4071e+000	-2.7299e-001	0.0000e+000	0.0000e+000
	533	-1.0515e-001	-2.1007e+000	-2.3116e+000	-2.2058e-001	0.0000e+000	0.0000e+000
35	669	1.8847e-001	-2.5532e+000	-2.6180e+000	-2.3647e-001	0.0000e+000	0.0000e+000
	670	-1.5973e-001	-2.5919e+000	-2.7360e+000	-2.7516e-001	0.0000e+000	0.0000e+000
	533	-1.1705e-001	-2.2078e+000	-2.5122e+000	-2.3249e-001	0.0000e+000	0.0000e+000
	662	2.3114e-001	-2.1691e+000	-2.3941e+000	-1.9380e-001	0.0000e+000	0.0000e+000
36	668	4.3972e-001	-2.6537e+000	-2.6756e+000	-2.2140e-001	0.0000e+000	0.0000e+000
	669	1.7402e-001	-2.6832e+000	-2.8031e+000	-2.5092e-001	0.0000e+000	0.0000e+000
	662	2.2012e-001	-2.2683e+000	-2.6323e+000	-2.0482e-001	0.0000e+000	0.0000e+000
	3	4.8582e-001	-2.2388e+000	-2.5048e+000	-1.7530e-001	0.0000e+000	0.0000e+000
37	667	6.3595e-001	-2.7354e+000	-2.7648e+000	-2.0994e-001	0.0000e+000	0.0000e+000
	668	4.2808e-001	-2.7585e+000	-2.8903e+000	-2.3304e-001	0.0000e+000	0.0000e+000
	3	4.7346e-001	-2.3501e+000	-2.7567e+000	-1.8766e-001	0.0000e+000	0.0000e+000
	677	6.8133e-001	-2.3270e+000	-2.6312e+000	-1.6457e-001	0.0000e+000	0.0000e+000
38	666	7.7839e-001	-2.8073e+000	-2.8807e+000	-2.0289e-001	0.0000e+000	0.0000e+000
	667	6.2608e-001	-2.8242e+000	-2.9948e+000	-2.1982e-001	0.0000e+000	0.0000e+000
	677	6.6732e-001	-2.4531e+000	-2.8969e+000	-1.7858e-001	0.0000e+000	0.0000e+000
	676	8.1963e-001	-2.4362e+000	-2.7828e+000	-1.6165e-001	0.0000e+000	0.0000e+000
39	665	8.5467e-001	-2.8682e+000	-3.0258e+000	-2.0135e-001	0.0000e+000	0.0000e+000
	666	7.7059e-001	-2.8775e+000	-3.1201e+000	-2.1069e-001	0.0000e+000	0.0000e+000
	676	8.0470e-001	-2.5705e+000	-3.0661e+000	-1.7658e-001	0.0000e+000	0.0000e+000
	675	8.8878e-001	-2.5612e+000	-2.9717e+000	-1.6724e-001	0.0000e+000	0.0000e+000
40	664	8.4312e-001	-2.9101e+000	-3.2013e+000	-2.0670e-001	0.0000e+000	0.0000e+000
	665	8.5010e-001	-2.9093e+000	-3.2694e+000	-2.0592e-001	0.0000e+000	0.0000e+000
	675	8.7470e-001	-2.6879e+000	-3.2739e+000	-1.8132e-001	0.0000e+000	0.0000e+000
	674	8.6772e-001	-2.6887e+000	-3.2058e+000	-1.8209e-001	0.0000e+000	0.0000e+000
41	663	7.1442e-001	-2.9198e+000	-3.4032e+000	-2.2054e-001	0.0000e+000	0.0000e+000
	664	8.4364e-001	-2.9054e+000	-3.4402e+000	-2.0618e-001	0.0000e+000	0.0000e+000
	674	8.5701e-001	-2.7851e+000	-3.5232e+000	-1.9281e-001	0.0000e+000	0.0000e+000
	673	7.2779e-001	-2.7994e+000	-3.4863e+000	-2.0716e-001	0.0000e+000	0.0000e+000
42	529	4.3704e-001	-2.8821e+000	-3.6149e+000	-2.4450e-001	0.0000e+000	0.0000e+000
	663	7.2213e-001	-2.8504e+000	-3.6214e+000	-2.1283e-001	0.0000e+000	0.0000e+000

	673	7.2446e-001	-2.8294e+000	-3.8046e+000	-2.1049e-001	0.0000e+000	0.0000e+000
	46	4.3938e-001	-2.8611e+000	-3.7982e+000	-2.4217e-001	0.0000e+000	0.0000e+000
43	660	-1.8861e-001	-2.8306e+000	-2.7999e+000	-3.0192e-001	0.0000e+000	0.0000e+000
	661	-4.9386e-001	-2.8645e+000	-2.9286e+000	-3.3584e-001	0.0000e+000	0.0000e+000
	671	-4.4735e-001	-2.4459e+000	-2.7324e+000	-2.8933e-001	0.0000e+000	0.0000e+000
	670	-1.4210e-001	-2.4120e+000	-2.6037e+000	-2.5541e-001	0.0000e+000	0.0000e+000
44	659	7.8205e-002	-2.9208e+000	-2.7946e+000	-2.8426e-001	0.0000e+000	0.0000e+000
	660	-2.0209e-001	-2.9519e+000	-2.9051e+000	-3.1540e-001	0.0000e+000	0.0000e+000
	670	-1.6211e-001	-2.5921e+000	-2.7250e+000	-2.7542e-001	0.0000e+000	0.0000e+000
	669	1.1818e-001	-2.5610e+000	-2.6144e+000	-2.4428e-001	0.0000e+000	0.0000e+000
45	658	2.9660e-001	-3.0047e+000	-2.8435e+000	-2.7081e-001	0.0000e+000	0.0000e+000
	659	6.6036e-002	-3.0303e+000	-2.9478e+000	-2.9643e-001	0.0000e+000	0.0000e+000
	669	1.0373e-001	-2.6910e+000	-2.7996e+000	-2.5873e-001	0.0000e+000	0.0000e+000
	668	3.3430e-001	-2.6654e+000	-2.6953e+000	-2.3311e-001	0.0000e+000	0.0000e+000
46	657	4.6131e-001	-3.0672e+000	-2.9245e+000	-2.6059e-001	0.0000e+000	0.0000e+000
	658	2.8751e-001	-3.0865e+000	-3.0217e+000	-2.7990e-001	0.0000e+000	0.0000e+000
	668	3.2266e-001	-2.7702e+000	-2.9100e+000	-2.4475e-001	0.0000e+000	0.0000e+000
	667	4.9645e-001	-2.7509e+000	-2.8128e+000	-2.2544e-001	0.0000e+000	0.0000e+000
47	656	5.6687e-001	-3.1058e+000	-3.0287e+000	-2.5389e-001	0.0000e+000	0.0000e+000
	657	4.5565e-001	-3.1181e+000	-3.1143e+000	-2.6625e-001	0.0000e+000	0.0000e+000
	667	4.8658e-001	-2.8397e+000	-3.0428e+000	-2.3531e-001	0.0000e+000	0.0000e+000
	666	5.9780e-001	-2.8274e+000	-2.9572e+000	-2.2296e-001	0.0000e+000	0.0000e+000
48	655	6.0313e-001	-3.1183e+000	-3.1520e+000	-2.5151e-001	0.0000e+000	0.0000e+000
	656	5.6501e-001	-3.1225e+000	-3.2211e+000	-2.5575e-001	0.0000e+000	0.0000e+000
	666	5.9000e-001	-2.8976e+000	-3.1966e+000	-2.3076e-001	0.0000e+000	0.0000e+000
	665	6.2812e-001	-2.8934e+000	-3.1275e+000	-2.2652e-001	0.0000e+000	0.0000e+000
49	654	5.5631e-001	-3.1003e+000	-3.2901e+000	-2.5440e-001	0.0000e+000	0.0000e+000
	655	6.0573e-001	-3.0948e+000	-3.3393e+000	-2.4891e-001	0.0000e+000	0.0000e+000
	665	6.2354e-001	-2.9345e+000	-3.3711e+000	-2.3110e-001	0.0000e+000	0.0000e+000
	664	5.7412e-001	-2.9400e+000	-3.3218e+000	-2.3659e-001	0.0000e+000	0.0000e+000
50	653	4.1231e-001	-3.0462e+000	-3.4342e+000	-2.6338e-001	0.0000e+000	0.0000e+000
	654	5.6420e-001	-3.0293e+000	-3.4630e+000	-2.4651e-001	0.0000e+000	0.0000e+000
	664	5.7464e-001	-2.9353e+000	-3.5607e+000	-2.3607e-001	0.0000e+000	0.0000e+000
	663	4.2275e-001	-2.9522e+000	-3.5318e+000	-2.5294e-001	0.0000e+000	0.0000e+000
51	528	1.6250e-001	-2.9511e+000	-3.5686e+000	-2.7886e-001	0.0000e+000	0.0000e+000
	653	4.2613e-001	-2.9218e+000	-3.5805e+000	-2.4957e-001	0.0000e+000	0.0000e+000
	663	4.3045e-001	-2.8828e+000	-3.7500e+000	-2.4524e-001	0.0000e+000	0.0000e+000
	529	1.6683e-001	-2.9121e+000	-3.7380e+000	-2.7453e-001	0.0000e+000	0.0000e+000
52	650	-1.8776e-001	-3.3103e+000	-2.9249e+000	-3.4981e-001	0.0000e+000	0.0000e+000
	651	-3.2937e-001	-3.3261e+000	-3.0742e+000	-3.6554e-001	0.0000e+000	0.0000e+000
	661	-2.7539e-001	-2.8403e+000	-2.9832e+000	-3.1157e-001	0.0000e+000	0.0000e+000
	660	-1.3379e-001	-2.8245e+000	-2.8339e+000	-2.9583e-001	0.0000e+000	0.0000e+000
53	649	2.5864e-003	-3.3322e+000	-2.9392e+000	-3.3296e-001	0.0000e+000	0.0000e+000
	650	-1.9260e-001	-3.3539e+000	-3.0646e+000	-3.5465e-001	0.0000e+000	0.0000e+000
	660	-1.4727e-001	-2.9458e+000	-2.9391e+000	-3.0931e-001	0.0000e+000	0.0000e+000
	659	4.7923e-002	-2.9242e+000	-2.8137e+000	-2.8762e-001	0.0000e+000	0.0000e+000
54	648	1.7735e-001	-3.3653e+000	-2.9750e+000	-3.1880e-001	0.0000e+000	0.0000e+000
	649	-3.3282e-003	-3.3854e+000	-3.0830e+000	-3.3887e-001	0.0000e+000	0.0000e+000
	659	3.5755e-002	-3.0337e+000	-2.9669e+000	-2.9979e-001	0.0000e+000	0.0000e+000
	658	2.1643e-001	-3.0136e+000	-2.8588e+000	-2.7972e-001	0.0000e+000	0.0000e+000
55	647	3.1209e-001	-3.3850e+000	-3.0324e+000	-3.0729e-001	0.0000e+000	0.0000e+000
	648	1.7345e-001	-3.4004e+000	-3.1261e+000	-3.2269e-001	0.0000e+000	0.0000e+000
	658	2.0734e-001	-3.0954e+000	-3.0370e+000	-2.8881e-001	0.0000e+000	0.0000e+000
	657	3.4598e-001	-3.0800e+000	-2.9433e+000	-2.7340e-001	0.0000e+000	0.0000e+000
56	646	3.9273e-001	-3.3793e+000	-3.1060e+000	-2.9866e-001	0.0000e+000	0.0000e+000
	647	3.1172e-001	-3.3883e+000	-3.1851e+000	-3.0766e-001	0.0000e+000	0.0000e+000
	657	3.4032e-001	-3.1309e+000	-3.1330e+000	-2.7906e-001	0.0000e+000	0.0000e+000
	656	4.2133e-001	-3.1219e+000	-3.0539e+000	-2.7006e-001	0.0000e+000	0.0000e+000

57	645	4.0905e-001	-3.3427e+000	-3.1912e+000	-2.9337e-001	0.0000e+000	0.0000e+000
	646	3.9664e-001	-3.3441e+000	-3.2543e+000	-2.9475e-001	0.0000e+000	0.0000e+000
	656	4.1946e-001	-3.1387e+000	-3.2463e+000	-2.7192e-001	0.0000e+000	0.0000e+000
	655	4.3187e-001	-3.1373e+000	-3.1832e+000	-2.7054e-001	0.0000e+000	0.0000e+000
58	644	3.5301e-001	-3.2723e+000	-3.2825e+000	-2.9193e-001	0.0000e+000	0.0000e+000
	645	4.1767e-001	-3.2651e+000	-3.3290e+000	-2.8475e-001	0.0000e+000	0.0000e+000
	655	4.3448e-001	-3.1138e+000	-3.3705e+000	-2.6794e-001	0.0000e+000	0.0000e+000
	654	3.6982e-001	-3.1210e+000	-3.3241e+000	-2.7512e-001	0.0000e+000	0.0000e+000
59	643	2.1997e-001	-3.1667e+000	-3.3719e+000	-2.9468e-001	0.0000e+000	0.0000e+000
	644	3.6655e-001	-3.1504e+000	-3.4028e+000	-2.7839e-001	0.0000e+000	0.0000e+000
	654	3.7771e-001	-3.0500e+000	-3.4970e+000	-2.6723e-001	0.0000e+000	0.0000e+000
	653	2.3113e-001	-3.0663e+000	-3.4662e+000	-2.8351e-001	0.0000e+000	0.0000e+000
60	527	1.1592e-002	-3.0266e+000	-3.4485e+000	-3.0150e-001	0.0000e+000	0.0000e+000
	643	2.3834e-001	-3.0014e+000	-3.4668e+000	-2.7631e-001	0.0000e+000	0.0000e+000
	653	2.4495e-001	-2.9419e+000	-3.6125e+000	-2.6970e-001	0.0000e+000	0.0000e+000
	528	1.8203e-002	-2.9671e+000	-3.5942e+000	-2.9489e-001	0.0000e+000	0.0000e+000
61	640	-1.8159e-001	-3.7731e+000	-3.0087e+000	-3.9547e-001	0.0000e+000	0.0000e+000
	641	-3.0518e-001	-3.7868e+000	-3.1529e+000	-4.0920e-001	0.0000e+000	0.0000e+000
	651	-2.5305e-001	-3.3176e+000	-3.0734e+000	-3.5706e-001	0.0000e+000	0.0000e+000
	650	-1.2945e-001	-3.3039e+000	-2.9292e+000	-3.4333e-001	0.0000e+000	0.0000e+000
62	639	-3.7059e-002	-3.7701e+000	-3.0279e+000	-3.8072e-001	0.0000e+000	0.0000e+000
	640	-1.8306e-001	-3.7863e+000	-3.1628e+000	-3.9694e-001	0.0000e+000	0.0000e+000
	650	-1.3429e-001	-3.3474e+000	-3.0689e+000	-3.4817e-001	0.0000e+000	0.0000e+000
	649	1.1710e-002	-3.3312e+000	-2.9340e+000	-3.3195e-001	0.0000e+000	0.0000e+000
63	638	1.0437e-001	-3.7577e+000	-3.0495e+000	-3.6533e-001	0.0000e+000	0.0000e+000
	639	-3.7434e-002	-3.7735e+000	-3.1691e+000	-3.8109e-001	0.0000e+000	0.0000e+000
	649	5.7955e-003	-3.3844e+000	-3.0779e+000	-3.3786e-001	0.0000e+000	0.0000e+000
	648	1.4760e-001	-3.3687e+000	-2.9583e+000	-3.2210e-001	0.0000e+000	0.0000e+000
64	637	2.1534e-001	-3.7268e+000	-3.0765e+000	-3.5114e-001	0.0000e+000	0.0000e+000
	638	1.0647e-001	-3.7389e+000	-3.1795e+000	-3.6324e-001	0.0000e+000	0.0000e+000
	648	1.4371e-001	-3.4037e+000	-3.1095e+000	-3.2600e-001	0.0000e+000	0.0000e+000
	647	2.5259e-001	-3.3916e+000	-3.0065e+000	-3.1390e-001	0.0000e+000	0.0000e+000
65	636	2.7890e-001	-3.6678e+000	-3.1105e+000	-3.3889e-001	0.0000e+000	0.0000e+000
	637	2.2119e-001	-3.6742e+000	-3.1963e+000	-3.4530e-001	0.0000e+000	0.0000e+000
	647	2.5221e-001	-3.3949e+000	-3.1592e+000	-3.1427e-001	0.0000e+000	0.0000e+000
	646	3.0993e-001	-3.3885e+000	-3.0734e+000	-3.0786e-001	0.0000e+000	0.0000e+000
66	635	2.8525e-001	-3.5762e+000	-3.1509e+000	-3.2909e-001	0.0000e+000	0.0000e+000
	636	2.8913e-001	-3.5757e+000	-3.2192e+000	-3.2866e-001	0.0000e+000	0.0000e+000
	646	3.1384e-001	-3.3533e+000	-3.2217e+000	-3.0395e-001	0.0000e+000	0.0000e+000
	645	3.0996e-001	-3.3537e+000	-3.1534e+000	-3.0438e-001	0.0000e+000	0.0000e+000
67	634	2.2985e-001	-3.4513e+000	-3.1946e+000	-3.2214e-001	0.0000e+000	0.0000e+000
	635	2.9999e-001	-3.4435e+000	-3.2461e+000	-3.1435e-001	0.0000e+000	0.0000e+000
	645	3.1858e-001	-3.2761e+000	-3.2911e+000	-2.9576e-001	0.0000e+000	0.0000e+000
	644	2.4845e-001	-3.2839e+000	-3.2397e+000	-3.0355e-001	0.0000e+000	0.0000e+000
68	633	1.1270e-001	-3.2948e+000	-3.2363e+000	-3.1821e-001	0.0000e+000	0.0000e+000
	634	2.4893e-001	-3.2796e+000	-3.2725e+000	-3.0307e-001	0.0000e+000	0.0000e+000
	644	2.6199e-001	-3.1621e+000	-3.3600e+000	-2.9001e-001	0.0000e+000	0.0000e+000
	643	1.2576e-001	-3.1772e+000	-3.3239e+000	-3.0514e-001	0.0000e+000	0.0000e+000
69	526	-6.1661e-002	-3.1096e+000	-3.2686e+000	-3.1713e-001	0.0000e+000	0.0000e+000
	633	1.3571e-001	-3.0877e+000	-3.2919e+000	-2.9520e-001	0.0000e+000	0.0000e+000
	643	1.4413e-001	-3.0119e+000	-3.4187e+000	-2.8677e-001	0.0000e+000	0.0000e+000
	527	-5.3237e-002	-3.0338e+000	-3.3954e+000	-3.0870e-001	0.0000e+000	0.0000e+000
70	632	-4.2618e-001	-4.3225e+000	-2.9729e+000	-4.7487e-001	0.0000e+000	0.0000e+000
	536	-4.8096e-001	-4.3286e+000	-3.1360e+000	-4.8096e-001	0.0000e+000	0.0000e+000
	535	-4.2199e-001	-3.7979e+000	-3.1008e+000	-4.2199e-001	0.0000e+000	0.0000e+000
	642	-3.6721e-001	-3.7918e+000	-2.9377e+000	-4.1590e-001	0.0000e+000	0.0000e+000
71	631	-3.2564e-001	-4.3023e+000	-3.0224e+000	-4.6279e-001	0.0000e+000	0.0000e+000
	632	-4.2516e-001	-4.3133e+000	-3.1841e+000	-4.7385e-001	0.0000e+000	0.0000e+000

	642	-3.6669e-001	-3.7871e+000	-3.1201e+000	-4.1538e-001	0.0000e+000	0.0000e+000
	641	-2.6717e-001	-3.7760e+000	-2.9584e+000	-4.0432e-001	0.0000e+000	0.0000e+000
72	630	-1.9184e-001	-4.2854e+000	-3.0536e+000	-4.4772e-001	0.0000e+000	0.0000e+000
	631	-3.2541e-001	-4.3002e+000	-3.2127e+000	-4.6256e-001	0.0000e+000	0.0000e+000
	641	-2.6791e-001	-3.7827e+000	-3.1268e+000	-4.0506e-001	0.0000e+000	0.0000e+000
	640	-1.3434e-001	-3.7678e+000	-2.9678e+000	-3.9022e-001	0.0000e+000	0.0000e+000
73	629	-4.7265e-002	-4.2535e+000	-3.0636e+000	-4.3008e-001	0.0000e+000	0.0000e+000
	630	-1.9007e-001	-4.2694e+000	-3.2136e+000	-4.4595e-001	0.0000e+000	0.0000e+000
	640	-1.3581e-001	-3.7811e+000	-3.1219e+000	-3.9169e-001	0.0000e+000	0.0000e+000
	639	6.9940e-003	-3.7652e+000	-2.9718e+000	-3.7582e-001	0.0000e+000	0.0000e+000
74	628	8.4417e-002	-4.1990e+000	-3.0581e+000	-4.1146e-001	0.0000e+000	0.0000e+000
	629	-4.2774e-002	-4.2131e+000	-3.1947e+000	-4.2559e-001	0.0000e+000	0.0000e+000
	639	6.6192e-003	-3.7686e+000	-3.1130e+000	-3.7620e-001	0.0000e+000	0.0000e+000
	638	1.3381e-001	-3.7544e+000	-2.9764e+000	-3.6206e-001	0.0000e+000	0.0000e+000
75	627	1.8280e-001	-4.1121e+000	-3.0453e+000	-3.9293e-001	0.0000e+000	0.0000e+000
	628	9.2960e-002	-4.1221e+000	-3.1641e+000	-4.0291e-001	0.0000e+000	0.0000e+000
	638	1.3591e-001	-3.7356e+000	-3.1063e+000	-3.5997e-001	0.0000e+000	0.0000e+000
	637	2.2574e-001	-3.7256e+000	-2.9876e+000	-3.4999e-001	0.0000e+000	0.0000e+000
76	626	2.3405e-001	-3.9891e+000	-3.0334e+000	-3.7550e-001	0.0000e+000	0.0000e+000
	627	1.9600e-001	-3.9933e+000	-3.1319e+000	-3.7973e-001	0.0000e+000	0.0000e+000
	637	2.3158e-001	-3.6730e+000	-3.1074e+000	-3.4414e-001	0.0000e+000	0.0000e+000
	636	2.6963e-001	-3.6688e+000	-3.0090e+000	-3.3992e-001	0.0000e+000	0.0000e+000
77	625	2.3217e-001	-3.8314e+000	-3.0275e+000	-3.5992e-001	0.0000e+000	0.0000e+000
	626	2.5181e-001	-3.8292e+000	-3.1051e+000	-3.5774e-001	0.0000e+000	0.0000e+000
	636	2.7986e-001	-3.5768e+000	-3.1177e+000	-3.2969e-001	0.0000e+000	0.0000e+000
	635	2.6022e-001	-3.5789e+000	-3.0401e+000	-3.3187e-001	0.0000e+000	0.0000e+000
78	624	1.7668e-001	-3.6437e+000	-3.0276e+000	-3.4670e-001	0.0000e+000	0.0000e+000
	625	2.5398e-001	-3.6351e+000	-3.0856e+000	-3.3811e-001	0.0000e+000	0.0000e+000
	635	2.7496e-001	-3.4463e+000	-3.1353e+000	-3.1713e-001	0.0000e+000	0.0000e+000
	634	1.9766e-001	-3.4549e+000	-3.0773e+000	-3.2572e-001	0.0000e+000	0.0000e+000
79	623	7.0717e-002	-3.4309e+000	-3.0299e+000	-3.3602e-001	0.0000e+000	0.0000e+000
	624	2.0194e-001	-3.4163e+000	-3.0708e+000	-3.2144e-001	0.0000e+000	0.0000e+000
	634	2.1673e-001	-3.2832e+000	-3.1551e+000	-3.0665e-001	0.0000e+000	0.0000e+000
	633	8.5507e-002	-3.2978e+000	-3.1142e+000	-3.2123e-001	0.0000e+000	0.0000e+000
80	525	-8.0121e-002	-3.1976e+000	-3.0280e+000	-3.2778e-001	0.0000e+000	0.0000e+000
	623	9.8843e-002	-3.1778e+000	-3.0547e+000	-3.0789e-001	0.0000e+000	0.0000e+000
	633	1.0851e-001	-3.0907e+000	-3.1698e+000	-2.9822e-001	0.0000e+000	0.0000e+000
	526	-7.0449e-002	-3.1106e+000	-3.1430e+000	-3.1810e-001	0.0000e+000	0.0000e+000
81	622	-4.8697e-001	-4.9517e+000	-2.9835e+000	-5.4387e-001	0.0000e+000	0.0000e+000
	537	-5.5098e-001	-4.9588e+000	-3.1772e+000	-5.5098e-001	0.0000e+000	0.0000e+000
	536	-4.8096e-001	-4.3286e+000	-3.1360e+000	-4.8096e-001	0.0000e+000	0.0000e+000
	632	-4.1695e-001	-4.3215e+000	-2.9423e+000	-4.7385e-001	0.0000e+000	0.0000e+000
82	621	-3.5108e-001	-4.9389e+000	-3.0438e+000	-5.2900e-001	0.0000e+000	0.0000e+000
	622	-4.8723e-001	-4.9540e+000	-3.2410e+000	-5.4413e-001	0.0000e+000	0.0000e+000
	632	-4.1592e-001	-4.3123e+000	-3.1535e+000	-4.7282e-001	0.0000e+000	0.0000e+000
	631	-2.7977e-001	-4.2972e+000	-2.9563e+000	-4.5769e-001	0.0000e+000	0.0000e+000
83	620	-1.8234e-001	-4.8927e+000	-3.0638e+000	-5.0750e-001	0.0000e+000	0.0000e+000
	621	-3.4799e-001	-4.9111e+000	-3.2531e+000	-5.2591e-001	0.0000e+000	0.0000e+000
	631	-2.7955e-001	-4.2951e+000	-3.1466e+000	-4.5747e-001	0.0000e+000	0.0000e+000
	630	-1.1390e-001	-4.2767e+000	-2.9573e+000	-4.3906e-001	0.0000e+000	0.0000e+000
84	619	-1.0807e-002	-4.8281e+000	-3.0443e+000	-4.8389e-001	0.0000e+000	0.0000e+000
	620	-1.7722e-001	-4.8466e+000	-3.2243e+000	-5.0238e-001	0.0000e+000	0.0000e+000
	630	-1.1213e-001	-4.2607e+000	-3.1173e+000	-4.3729e-001	0.0000e+000	0.0000e+000
	629	5.4287e-002	-4.2423e+000	-2.9373e+000	-4.1880e-001	0.0000e+000	0.0000e+000
85	618	1.3022e-001	-4.7183e+000	-2.9892e+000	-4.5880e-001	0.0000e+000	0.0000e+000
	619	-2.1378e-004	-4.7328e+000	-3.1523e+000	-4.7330e-001	0.0000e+000	0.0000e+000
	629	5.8777e-002	-4.2018e+000	-3.0685e+000	-4.1431e-001	0.0000e+000	0.0000e+000
	628	1.8921e-001	-4.1873e+000	-2.9053e+000	-3.9981e-001	0.0000e+000	0.0000e+000

86	617	2.2136e-001	-4.5536e+000	-2.9200e+000	-4.3323e-001	0.0000e+000	0.0000e+000
	618	1.4761e-001	-4.5618e+000	-3.0587e+000	-4.4142e-001	0.0000e+000	0.0000e+000
	628	1.9776e-001	-4.1105e+000	-3.0113e+000	-3.9127e-001	0.0000e+000	0.0000e+000
	627	2.7151e-001	-4.1023e+000	-2.8726e+000	-3.8307e-001	0.0000e+000	0.0000e+000
87	616	2.5758e-001	-4.3429e+000	-2.8565e+000	-4.0853e-001	0.0000e+000	0.0000e+000
	617	2.4461e-001	-4.3444e+000	-2.9675e+000	-4.0998e-001	0.0000e+000	0.0000e+000
	627	2.8471e-001	-3.9834e+000	-2.9591e+000	-3.6987e-001	0.0000e+000	0.0000e+000
	626	2.9768e-001	-3.9820e+000	-2.8482e+000	-3.6843e-001	0.0000e+000	0.0000e+000
88	615	2.4157e-001	-4.1003e+000	-2.8079e+000	-3.8587e-001	0.0000e+000	0.0000e+000
	616	2.8507e-001	-4.0955e+000	-2.8919e+000	-3.8104e-001	0.0000e+000	0.0000e+000
	626	3.1544e-001	-3.8221e+000	-2.9198e+000	-3.5067e-001	0.0000e+000	0.0000e+000
	625	2.7194e-001	-3.8270e+000	-2.8359e+000	-3.5550e-001	0.0000e+000	0.0000e+000
89	614	1.7910e-001	-3.8375e+000	-2.7739e+000	-3.6584e-001	0.0000e+000	0.0000e+000
	615	2.7192e-001	-3.8272e+000	-2.8343e+000	-3.5552e-001	0.0000e+000	0.0000e+000
	625	2.9375e-001	-3.6307e+000	-2.8940e+000	-3.3369e-001	0.0000e+000	0.0000e+000
	624	2.0094e-001	-3.6410e+000	-2.8336e+000	-3.4400e-001	0.0000e+000	0.0000e+000
90	613	7.6705e-002	-3.5623e+000	-2.7491e+000	-3.4856e-001	0.0000e+000	0.0000e+000
	614	2.1134e-001	-3.5474e+000	-2.7902e+000	-3.3360e-001	0.0000e+000	0.0000e+000
	624	2.2620e-001	-3.4136e+000	-2.8768e+000	-3.1874e-001	0.0000e+000	0.0000e+000
	623	9.1565e-002	-3.4286e+000	-2.8357e+000	-3.3370e-001	0.0000e+000	0.0000e+000
91	524	-5.9126e-002	-3.2793e+000	-2.7255e+000	-3.3385e-001	0.0000e+000	0.0000e+000
	613	1.1024e-001	-3.2605e+000	-2.7517e+000	-3.1503e-001	0.0000e+000	0.0000e+000
	623	1.1969e-001	-3.1754e+000	-2.8605e+000	-3.0558e-001	0.0000e+000	0.0000e+000
	525	-4.9674e-002	-3.1943e+000	-2.8344e+000	-3.2439e-001	0.0000e+000	0.0000e+000
92	612	-5.5397e-001	-5.8472e+000	-2.9632e+000	-6.4011e-001	0.0000e+000	0.0000e+000
	538	-6.5088e-001	-5.8579e+000	-3.2395e+000	-6.5088e-001	0.0000e+000	0.0000e+000
	537	-5.5098e-001	-4.9588e+000	-3.1772e+000	-5.5098e-001	0.0000e+000	0.0000e+000
	622	-4.5407e-001	-4.9481e+000	-2.9009e+000	-5.4021e-001	0.0000e+000	0.0000e+000
93	611	-3.5906e-001	-5.7070e+000	-3.0364e+000	-6.0660e-001	0.0000e+000	0.0000e+000
	612	-5.4063e-001	-5.7272e+000	-3.2751e+000	-6.2678e-001	0.0000e+000	0.0000e+000
	622	-4.5433e-001	-4.9504e+000	-3.1584e+000	-5.4047e-001	0.0000e+000	0.0000e+000
	621	-2.7275e-001	-4.9302e+000	-2.9197e+000	-5.2030e-001	0.0000e+000	0.0000e+000
94	610	-1.0820e-001	-5.6741e+000	-3.0442e+000	-5.7823e-001	0.0000e+000	0.0000e+000
	611	-3.5850e-001	-5.7019e+000	-3.2899e+000	-6.0604e-001	0.0000e+000	0.0000e+000
	621	-2.6966e-001	-4.9024e+000	-3.1290e+000	-5.1720e-001	0.0000e+000	0.0000e+000
	620	-1.9366e-002	-4.8746e+000	-2.8833e+000	-4.8939e-001	0.0000e+000	0.0000e+000
95	609	1.1602e-001	-5.5635e+000	-2.9485e+000	-5.4475e-001	0.0000e+000	0.0000e+000
	610	-9.8565e-002	-5.5874e+000	-3.1817e+000	-5.6859e-001	0.0000e+000	0.0000e+000
	620	-1.4244e-002	-4.8285e+000	-3.0438e+000	-4.8427e-001	0.0000e+000	0.0000e+000
	619	2.0034e-001	-4.8046e+000	-2.8106e+000	-4.6043e-001	0.0000e+000	0.0000e+000
96	608	2.6404e-001	-5.3401e+000	-2.8007e+000	-5.0761e-001	0.0000e+000	0.0000e+000
	609	1.3930e-001	-5.3540e+000	-2.9988e+000	-5.2147e-001	0.0000e+000	0.0000e+000
	619	2.1093e-001	-4.7093e+000	-2.9186e+000	-4.4984e-001	0.0000e+000	0.0000e+000
	618	3.3567e-001	-4.6954e+000	-2.7205e+000	-4.3598e-001	0.0000e+000	0.0000e+000
97	607	3.3326e-001	-5.0372e+000	-2.6588e+000	-4.7039e-001	0.0000e+000	0.0000e+000
	608	2.9725e-001	-5.0412e+000	-2.8132e+000	-4.7439e-001	0.0000e+000	0.0000e+000
	618	3.5305e-001	-4.5390e+000	-2.7900e+000	-4.1859e-001	0.0000e+000	0.0000e+000
	617	3.8907e-001	-4.5350e+000	-2.6357e+000	-4.1459e-001	0.0000e+000	0.0000e+000
98	606	3.3811e-001	-4.6967e+000	-2.5488e+000	-4.3586e-001	0.0000e+000	0.0000e+000
	607	3.7151e-001	-4.6930e+000	-2.6617e+000	-4.3215e-001	0.0000e+000	0.0000e+000
	617	4.1232e-001	-4.3257e+000	-2.6832e+000	-3.9134e-001	0.0000e+000	0.0000e+000
	616	3.7891e-001	-4.3294e+000	-2.5703e+000	-3.9505e-001	0.0000e+000	0.0000e+000
99	605	2.9459e-001	-4.3461e+000	-2.4737e+000	-4.0515e-001	0.0000e+000	0.0000e+000
	606	3.7809e-001	-4.3368e+000	-2.5520e+000	-3.9587e-001	0.0000e+000	0.0000e+000
	616	4.0641e-001	-4.0820e+000	-2.6056e+000	-3.6756e-001	0.0000e+000	0.0000e+000
	615	3.2291e-001	-4.0913e+000	-2.5273e+000	-3.7683e-001	0.0000e+000	0.0000e+000
100	604	2.1547e-001	-3.9994e+000	-2.4256e+000	-3.7839e-001	0.0000e+000	0.0000e+000
	605	3.3458e-001	-3.9862e+000	-2.4772e+000	-3.6516e-001	0.0000e+000	0.0000e+000

101	615	3.5325e-001	-3.8181e+000	-2.5538e+000	-3.4649e-001	0.0000e+000	0.0000e+000
	614	2.3414e-001	-3.8314e+000	-2.5021e+000	-3.5972e-001	0.0000e+000	0.0000e+000
	603	1.0973e-001	-3.6617e+000	-2.3931e+000	-3.5520e-001	0.0000e+000	0.0000e+000
	604	2.5478e-001	-3.6456e+000	-2.4252e+000	-3.3908e-001	0.0000e+000	0.0000e+000
102	614	2.6637e-001	-3.5412e+000	-2.5184e+000	-3.2749e-001	0.0000e+000	0.0000e+000
	613	1.2133e-001	-3.5574e+000	-2.4864e+000	-3.4360e-001	0.0000e+000	0.0000e+000
	523	-1.6315e-002	-3.3335e+000	-2.3648e+000	-3.3498e-001	0.0000e+000	0.0000e+000
	603	1.4824e-001	-3.3152e+000	-2.3831e+000	-3.1670e-001	0.0000e+000	0.0000e+000
103	613	1.5486e-001	-3.2556e+000	-2.4889e+000	-3.1007e-001	0.0000e+000	0.0000e+000
	524	-9.6885e-003	-3.2738e+000	-2.4705e+000	-3.2835e-001	0.0000e+000	0.0000e+000
	601	-2.8361e-001	-6.9583e+000	-3.0649e+000	-7.2419e-001	0.0000e+000	0.0000e+000
	602	-6.7348e-001	-7.0016e+000	-3.4569e+000	-7.6751e-001	0.0000e+000	0.0000e+000
104	612	-5.3176e-001	-5.7262e+000	-3.2063e+000	-6.2579e-001	0.0000e+000	0.0000e+000
	611	-1.4189e-001	-5.6828e+000	-2.8143e+000	-5.8247e-001	0.0000e+000	0.0000e+000
	600	1.3218e-001	-6.8742e+000	-2.9506e+000	-6.7420e-001	0.0000e+000	0.0000e+000
	601	-2.7935e-001	-6.9200e+000	-3.3323e+000	-7.1993e-001	0.0000e+000	0.0000e+000
105	611	-1.4133e-001	-5.6778e+000	-3.0678e+000	-5.8191e-001	0.0000e+000	0.0000e+000
	610	2.7020e-001	-5.6321e+000	-2.6860e+000	-5.3619e-001	0.0000e+000	0.0000e+000
	599	3.8694e-001	-6.5093e+000	-2.6594e+000	-6.1224e-001	0.0000e+000	0.0000e+000
	600	1.7005e-001	-6.5334e+000	-2.9630e+000	-6.3634e-001	0.0000e+000	0.0000e+000
106	610	2.7984e-001	-5.5453e+000	-2.8236e+000	-5.2655e-001	0.0000e+000	0.0000e+000
	609	4.9673e-001	-5.5212e+000	-2.5199e+000	-5.0245e-001	0.0000e+000	0.0000e+000
	598	4.9191e-001	-5.9979e+000	-2.3890e+000	-5.5059e-001	0.0000e+000	0.0000e+000
	599	4.4317e-001	-6.0033e+000	-2.6015e+000	-5.5601e-001	0.0000e+000	0.0000e+000
107	609	5.2002e-001	-5.3117e+000	-2.5702e+000	-4.7916e-001	0.0000e+000	0.0000e+000
	608	5.6876e-001	-5.3062e+000	-2.3577e+000	-4.7375e-001	0.0000e+000	0.0000e+000
	597	4.9646e-001	-5.4632e+000	-2.1963e+000	-4.9667e-001	0.0000e+000	0.0000e+000
	598	5.5201e-001	-5.4570e+000	-2.3345e+000	-4.9050e-001	0.0000e+000	0.0000e+000
108	608	6.0197e-001	-5.0073e+000	-2.3702e+000	-4.4054e-001	0.0000e+000	0.0000e+000
	607	5.4642e-001	-5.0135e+000	-2.2320e+000	-4.4671e-001	0.0000e+000	0.0000e+000
	596	4.4221e-001	-4.9574e+000	-2.0783e+000	-4.5151e-001	0.0000e+000	0.0000e+000
	597	5.5404e-001	-4.9449e+000	-2.1630e+000	-4.3909e-001	0.0000e+000	0.0000e+000
109	607	5.8466e-001	-4.6693e+000	-2.2348e+000	-4.0846e-001	0.0000e+000	0.0000e+000
	606	4.7284e-001	-4.6817e+000	-2.1501e+000	-4.2089e-001	0.0000e+000	0.0000e+000
	595	3.5648e-001	-4.4960e+000	-2.0153e+000	-4.1395e-001	0.0000e+000	0.0000e+000
	596	4.9519e-001	-4.4806e+000	-2.0641e+000	-3.9854e-001	0.0000e+000	0.0000e+000
110	606	5.1282e-001	-4.3218e+000	-2.1533e+000	-3.8090e-001	0.0000e+000	0.0000e+000
	605	3.7412e-001	-4.3373e+000	-2.1045e+000	-3.9631e-001	0.0000e+000	0.0000e+000
	594	2.5444e-001	-4.0773e+000	-1.9858e+000	-3.8229e-001	0.0000e+000	0.0000e+000
	595	4.0486e-001	-4.0606e+000	-2.0114e+000	-3.6558e-001	0.0000e+000	0.0000e+000
111	605	4.1411e-001	-3.9773e+000	-2.1080e+000	-3.5632e-001	0.0000e+000	0.0000e+000
	604	2.6370e-001	-3.9940e+000	-2.0824e+000	-3.7303e-001	0.0000e+000	0.0000e+000
	593	1.4353e-001	-3.6934e+000	-1.9711e+000	-3.5499e-001	0.0000e+000	0.0000e+000
	594	2.9902e-001	-3.6761e+000	-1.9821e+000	-3.3771e-001	0.0000e+000	0.0000e+000
112	604	3.0301e-001	-3.6402e+000	-2.0821e+000	-3.3372e-001	0.0000e+000	0.0000e+000
	603	1.4751e-001	-3.6575e+000	-2.0710e+000	-3.5100e-001	0.0000e+000	0.0000e+000
	522	2.7126e-002	-3.3355e+000	-1.9573e+000	-3.3083e-001	0.0000e+000	0.0000e+000
	593	1.8525e-001	-3.3179e+000	-1.9594e+000	-3.1326e-001	0.0000e+000	0.0000e+000
113	603	1.8601e-001	-3.3110e+000	-2.0610e+000	-3.1250e-001	0.0000e+000	0.0000e+000
	523	2.7892e-002	-3.3286e+000	-2.0589e+000	-3.3007e-001	0.0000e+000	0.0000e+000
	592	-7.1833e-001	-9.0373e+000	-2.8517e+000	-9.7557e-001	0.0000e+000	0.0000e+000
	540	-1.0077e+000	-9.0695e+000	-3.4935e+000	-1.0077e+000	0.0000e+000	0.0000e+000
114	539	-7.7568e-001	-6.9812e+000	-3.3075e+000	-7.7568e-001	0.0000e+000	0.0000e+000
	602	-4.8629e-001	-6.9490e+000	-2.6657e+000	-7.4353e-001	0.0000e+000	0.0000e+000
	591	1.6714e-001	-9.4060e+000	-2.9861e+000	-9.2388e-001	0.0000e+000	0.0000e+000
	592	-7.7087e-001	-9.5102e+000	-3.7632e+000	-1.0281e+000	0.0000e+000	0.0000e+000
	602	-4.8987e-001	-6.9812e+000	-3.1603e+000	-7.4711e-001	0.0000e+000	0.0000e+000
	601	4.4814e-001	-6.8770e+000	-2.3831e+000	-6.4288e-001	0.0000e+000	0.0000e+000

115	590	6.3688e-001	-8.4288e+000	-2.3844e+000	-7.7919e-001	0.0000e+000	0.0000e+000
	591	2.7121e-001	-8.4694e+000	-2.8855e+000	-8.1982e-001	0.0000e+000	0.0000e+000
	601	4.5240e-001	-6.8386e+000	-2.6505e+000	-6.3862e-001	0.0000e+000	0.0000e+000
	600	8.1807e-001	-6.7980e+000	-2.1494e+000	-5.9799e-001	0.0000e+000	0.0000e+000
116	589	7.7754e-001	-7.3026e+000	-1.9116e+000	-6.5251e-001	0.0000e+000	0.0000e+000
	590	7.6181e-001	-7.3044e+000	-2.1719e+000	-6.5425e-001	0.0000e+000	0.0000e+000
	600	8.5594e-001	-6.4572e+000	-2.1618e+000	-5.6013e-001	0.0000e+000	0.0000e+000
	599	8.7166e-001	-6.4555e+000	-1.9015e+000	-5.5838e-001	0.0000e+000	0.0000e+000
117	588	7.4475e-001	-6.3553e+000	-1.6338e+000	-5.6106e-001	0.0000e+000	0.0000e+000
	589	8.8452e-001	-6.3398e+000	-1.7538e+000	-5.4553e-001	0.0000e+000	0.0000e+000
	599	9.2789e-001	-5.9494e+000	-1.8437e+000	-5.0215e-001	0.0000e+000	0.0000e+000
	598	7.8812e-001	-5.9649e+000	-1.7237e+000	-5.1768e-001	0.0000e+000	0.0000e+000
118	587	6.3614e-001	-5.5902e+000	-1.4988e+000	-4.9541e-001	0.0000e+000	0.0000e+000
	588	8.3218e-001	-5.5684e+000	-1.5431e+000	-4.7362e-001	0.0000e+000	0.0000e+000
	598	8.4822e-001	-5.4241e+000	-1.6691e+000	-4.5759e-001	0.0000e+000	0.0000e+000
	597	6.5218e-001	-5.4459e+000	-1.6248e+000	-4.7937e-001	0.0000e+000	0.0000e+000
119	586	5.0591e-001	-4.9725e+000	-1.4551e+000	-4.4666e-001	0.0000e+000	0.0000e+000
	587	7.0726e-001	-4.9501e+000	-1.4620e+000	-4.2429e-001	0.0000e+000	0.0000e+000
	597	7.0976e-001	-4.9276e+000	-1.5915e+000	-4.2179e-001	0.0000e+000	0.0000e+000
	596	5.0841e-001	-4.9500e+000	-1.5845e+000	-4.4416e-001	0.0000e+000	0.0000e+000
120	585	3.7791e-001	-4.4618e+000	-1.4601e+000	-4.0839e-001	0.0000e+000	0.0000e+000
	586	5.6496e-001	-4.4411e+000	-1.4502e+000	-3.8761e-001	0.0000e+000	0.0000e+000
	596	5.6138e-001	-4.4732e+000	-1.5704e+000	-3.9119e-001	0.0000e+000	0.0000e+000
	595	3.7434e-001	-4.4940e+000	-1.5803e+000	-4.1197e-001	0.0000e+000	0.0000e+000
121	584	2.5974e-001	-4.0237e+000	-1.4842e+000	-3.7639e-001	0.0000e+000	0.0000e+000
	585	4.2869e-001	-4.0049e+000	-1.4677e+000	-3.5762e-001	0.0000e+000	0.0000e+000
	595	4.2271e-001	-4.0586e+000	-1.5763e+000	-3.6359e-001	0.0000e+000	0.0000e+000
	594	2.5376e-001	-4.0774e+000	-1.5928e+000	-3.8237e-001	0.0000e+000	0.0000e+000
122	583	1.5162e-001	-3.6326e+000	-1.5092e+000	-3.4810e-001	0.0000e+000	0.0000e+000
	584	3.0508e-001	-3.6155e+000	-1.4905e+000	-3.3104e-001	0.0000e+000	0.0000e+000
	594	2.9834e-001	-3.6762e+000	-1.5892e+000	-3.3778e-001	0.0000e+000	0.0000e+000
	593	1.4488e-001	-3.6932e+000	-1.6078e+000	-3.5484e-001	0.0000e+000	0.0000e+000
123	521	5.1415e-002	-3.2718e+000	-1.5238e+000	-3.2204e-001	0.0000e+000	0.0000e+000
	583	1.9346e-001	-3.2560e+000	-1.5048e+000	-3.0625e-001	0.0000e+000	0.0000e+000
	593	1.8661e-001	-3.3177e+000	-1.5961e+000	-3.1311e-001	0.0000e+000	0.0000e+000
	522	4.4555e-002	-3.3335e+000	-1.6151e+000	-3.2890e-001	0.0000e+000	0.0000e+000
124	582	-2.3805e-001	-1.7852e+001	-1.8702e+000	-1.8090e+000	0.0000e+000	0.0000e+000
	541	-2.0054e+000	-1.8049e+001	-4.6295e+000	-2.0054e+000	0.0000e+000	0.0000e+000
	540	-1.0077e+000	-9.0695e+000	-3.4935e+000	-1.0077e+000	0.0000e+000	0.0000e+000
	592	7.5964e-001	-8.8731e+000	-7.3418e-001	-8.1135e-001	0.0000e+000	0.0000e+000
125	581	9.5912e-001	-1.1347e+001	-1.3231e+000	-1.0388e+000	0.0000e+000	0.0000e+000
	582	4.7885e-001	-1.1400e+001	-1.9544e+000	-1.0921e+000	0.0000e+000	0.0000e+000
	592	7.0709e-001	-9.3460e+000	-1.6457e+000	-8.6389e-001	0.0000e+000	0.0000e+000
	591	1.1874e+000	-9.2926e+000	-1.0144e+000	-8.1053e-001	0.0000e+000	0.0000e+000
126	580	1.1690e+000	-8.3888e+000	-8.3059e-001	-7.2198e-001	0.0000e+000	0.0000e+000
	581	1.2893e+000	-8.3754e+000	-8.3655e-001	-7.0862e-001	0.0000e+000	0.0000e+000
	591	1.2914e+000	-8.3560e+000	-9.1389e-001	-7.0646e-001	0.0000e+000	0.0000e+000
	590	1.1711e+000	-8.3694e+000	-9.0793e-001	-7.1983e-001	0.0000e+000	0.0000e+000
127	579	1.0584e+000	-6.8389e+000	-6.4593e-001	-5.7805e-001	0.0000e+000	0.0000e+000
	580	1.3447e+000	-6.8070e+000	-5.1135e-001	-5.4623e-001	0.0000e+000	0.0000e+000
	590	1.2960e+000	-7.2450e+000	-6.9541e-001	-5.9489e-001	0.0000e+000	0.0000e+000
	589	1.0097e+000	-7.2768e+000	-8.2999e-001	-6.2671e-001	0.0000e+000	0.0000e+000
128	578	8.4513e-001	-5.8434e+000	-6.1725e-001	-4.9983e-001	0.0000e+000	0.0000e+000
	579	1.1730e+000	-5.8070e+000	-4.6145e-001	-4.6340e-001	0.0000e+000	0.0000e+000
	589	1.1167e+000	-6.3140e+000	-6.7222e-001	-5.1973e-001	0.0000e+000	0.0000e+000
	588	7.8880e-001	-6.3504e+000	-8.2802e-001	-5.5616e-001	0.0000e+000	0.0000e+000
129	577	6.3334e-001	-5.1543e+000	-6.8535e-001	-4.5210e-001	0.0000e+000	0.0000e+000
	578	9.2531e-001	-5.1219e+000	-5.4963e-001	-4.1966e-001	0.0000e+000	0.0000e+000

130	588	8.7623e-001	-5.5635e+000	-7.3731e-001	-4.6873e-001	0.0000e+000	0.0000e+000
	587	5.8427e-001	-5.5960e+000	-8.7302e-001	-5.0117e-001	0.0000e+000	0.0000e+000
	576	4.5599e-001	-4.6394e+000	-7.8899e-001	-4.1834e-001	0.0000e+000	0.0000e+000
	577	6.9348e-001	-4.6130e+000	-6.8362e-001	-3.9195e-001	0.0000e+000	0.0000e+000
131	587	6.5538e-001	-4.9559e+000	-8.3628e-001	-4.3005e-001	0.0000e+000	0.0000e+000
	586	4.1789e-001	-4.9823e+000	-9.4165e-001	-4.5644e-001	0.0000e+000	0.0000e+000
	575	3.1621e-001	-4.2187e+000	-8.9310e-001	-3.9024e-001	0.0000e+000	0.0000e+000
	576	5.0507e-001	-4.1977e+000	-8.1530e-001	-3.6926e-001	0.0000e+000	0.0000e+000
132	586	4.7695e-001	-4.4508e+000	-9.3670e-001	-3.9739e-001	0.0000e+000	0.0000e+000
	585	2.8808e-001	-4.4718e+000	-1.0145e+000	-4.1837e-001	0.0000e+000	0.0000e+000
	574	2.0690e-001	-3.8458e+000	-9.8121e-001	-3.6389e-001	0.0000e+000	0.0000e+000
	575	3.5953e-001	-3.8288e+000	-9.2404e-001	-3.4693e-001	0.0000e+000	0.0000e+000
133	585	3.3885e-001	-4.0149e+000	-1.0221e+000	-3.6760e-001	0.0000e+000	0.0000e+000
	584	1.8622e-001	-4.0318e+000	-1.0793e+000	-3.8456e-001	0.0000e+000	0.0000e+000
	573	1.1938e-001	-3.4961e+000	-1.0470e+000	-3.3767e-001	0.0000e+000	0.0000e+000
	574	2.4733e-001	-3.4819e+000	-1.0034e+000	-3.2345e-001	0.0000e+000	0.0000e+000
134	584	2.3157e-001	-3.6237e+000	-1.0856e+000	-3.3921e-001	0.0000e+000	0.0000e+000
	583	1.0362e-001	-3.6379e+000	-1.1292e+000	-3.5343e-001	0.0000e+000	0.0000e+000
	520	4.6508e-002	-3.1577e+000	-1.0886e+000	-3.1112e-001	0.0000e+000	0.0000e+000
	573	1.5835e-001	-3.1453e+000	-1.0530e+000	-2.9869e-001	0.0000e+000	0.0000e+000
135	583	1.4546e-001	-3.2613e+000	-1.1249e+000	-3.1159e-001	0.0000e+000	0.0000e+000
	521	3.3615e-002	-3.2738e+000	-1.1605e+000	-3.2401e-001	0.0000e+000	0.0000e+000
	561	9.8575e-001	1.5687e+000	-3.1945e-001	2.5545e-001	0.0000e+000	0.0000e+000
	542	-5.6420e+000	8.3229e-001	5.6809e+000	-4.8097e-001	0.0000e+000	0.0000e+000
136	541	-7.8116e+000	-1.8694e+001	9.9412e+000	-2.6505e+000	0.0000e+000	0.0000e+000
	582	-1.1838e+000	-1.7957e+001	3.9409e+000	-1.9141e+000	0.0000e+000	0.0000e+000
	559	1.2309e+000	-3.5031e+000	8.9926e-001	-2.2722e-001	0.0000e+000	0.0000e+000
	561	4.1211e-001	-3.5941e+000	3.3304e+000	-3.1820e-001	0.0000e+000	0.0000e+000
137	582	-4.6692e-001	-1.1505e+001	3.8567e+000	-1.1972e+000	0.0000e+000	0.0000e+000
	581	3.5190e-001	-1.1414e+001	1.4256e+000	-1.1062e+000	0.0000e+000	0.0000e+000
	557	1.1847e+000	-4.4736e+000	6.5448e-001	-3.2889e-001	0.0000e+000	0.0000e+000
	559	1.1223e+000	-4.4805e+000	1.8721e+000	-3.3582e-001	0.0000e+000	0.0000e+000
138	581	6.8206e-001	-8.4429e+000	1.9122e+000	-7.7608e-001	0.0000e+000	0.0000e+000
	580	7.4438e-001	-8.4360e+000	6.9455e-001	-7.6916e-001	0.0000e+000	0.0000e+000
	555	9.0784e-001	-4.4770e+000	4.5362e-001	-3.5692e-001	0.0000e+000	0.0000e+000
	557	1.1877e+000	-4.4459e+000	1.1937e+000	-3.2582e-001	0.0000e+000	0.0000e+000
139	580	9.2014e-001	-6.8542e+000	1.0138e+000	-5.9341e-001	0.0000e+000	0.0000e+000
	579	6.4025e-001	-6.8853e+000	2.7371e-001	-6.2451e-001	0.0000e+000	0.0000e+000
	553	6.3453e-001	-4.3872e+000	1.8219e-001	-3.7527e-001	0.0000e+000	0.0000e+000
	555	9.2136e-001	-4.3553e+000	6.4256e-001	-3.4340e-001	0.0000e+000	0.0000e+000
140	579	7.5490e-001	-5.8535e+000	4.5819e-001	-5.0986e-001	0.0000e+000	0.0000e+000
	578	4.6806e-001	-5.8853e+000	-2.1893e-003	-5.4173e-001	0.0000e+000	0.0000e+000
	551	4.2421e-001	-4.2754e+000	-7.0305e-002	-3.8512e-001	0.0000e+000	0.0000e+000
	553	6.4973e-001	-4.2503e+000	2.1039e-001	-3.6006e-001	0.0000e+000	0.0000e+000
141	578	5.4824e-001	-5.1638e+000	6.5428e-002	-4.6155e-001	0.0000e+000	0.0000e+000
	577	3.2271e-001	-5.1888e+000	-2.1527e-001	-4.8661e-001	0.0000e+000	0.0000e+000
	549	2.7678e-001	-4.1194e+000	-2.7431e-001	-3.8426e-001	0.0000e+000	0.0000e+000
	551	4.4360e-001	-4.1008e+000	-1.0631e-001	-3.6572e-001	0.0000e+000	0.0000e+000
142	577	3.8286e-001	-4.6475e+000	-2.1355e-001	-4.2647e-001	0.0000e+000	0.0000e+000
	576	2.1603e-001	-4.6661e+000	-3.8155e-001	-4.4500e-001	0.0000e+000	0.0000e+000
	547	1.7611e-001	-3.9106e+000	-4.2794e-001	-3.7345e-001	0.0000e+000	0.0000e+000
	549	3.0152e-001	-3.8967e+000	-3.2725e-001	-3.5951e-001	0.0000e+000	0.0000e+000
143	576	2.6511e-001	-4.2243e+000	-4.0786e-001	-3.9592e-001	0.0000e+000	0.0000e+000
	575	1.3970e-001	-4.2383e+000	-5.0855e-001	-4.0986e-001	0.0000e+000	0.0000e+000
	545	1.0664e-001	-3.6546e+000	-5.3872e-001	-3.5479e-001	0.0000e+000	0.0000e+000
	547	2.0578e-001	-3.6436e+000	-4.7576e-001	-3.4378e-001	0.0000e+000	0.0000e+000
	575	1.8302e-001	-3.8484e+000	-5.3949e-001	-3.6654e-001	0.0000e+000	0.0000e+000
	574	8.3878e-002	-3.8594e+000	-6.0245e-001	-3.7756e-001	0.0000e+000	0.0000e+000

144	543	5.6796e-002	-3.3621e+000	-6.1488e-001	-3.3053e-001	0.0000e+000	0.0000e+000
	545	1.4017e-001	-3.3528e+000	-5.7102e-001	-3.2126e-001	0.0000e+000	0.0000e+000
	574	1.2431e-001	-3.4955e+000	-6.2462e-001	-3.3712e-001	0.0000e+000	0.0000e+000
	573	4.0937e-002	-3.5048e+000	-6.6848e-001	-3.4638e-001	0.0000e+000	0.0000e+000
145	519	1.8769e-002	-3.0443e+000	-6.6300e-001	-3.0255e-001	0.0000e+000	0.0000e+000
	543	9.3022e-002	-3.0360e+000	-6.2674e-001	-2.9430e-001	0.0000e+000	0.0000e+000
	573	7.9911e-002	-3.1540e+000	-6.7447e-001	-3.0741e-001	0.0000e+000	0.0000e+000
	520	5.6582e-003	-3.1623e+000	-7.1073e-001	-3.1566e-001	0.0000e+000	0.0000e+000
146	562	-1.5659e+000	-2.5855e-001	6.0654e-001	-1.8244e-001	0.0000e+000	0.0000e+000
	34	1.0945e+000	3.7041e-002	1.2622e-001	1.1315e-001	0.0000e+000	0.0000e+000
	542	1.2681e+000	1.6001e+000	-1.5838e+000	2.8682e-001	0.0000e+000	0.0000e+000
	561	-1.3922e+000	1.3045e+000	-1.1035e+000	-8.7703e-003	0.0000e+000	0.0000e+000
147	178	-1.0154e-002	-2.9977e+000	-2.2462e-001	-3.0079e-001	0.0000e+000	0.0000e+000
	544	3.8280e-002	-2.9923e+000	-2.0914e-001	-2.9541e-001	0.0000e+000	0.0000e+000
	543	3.2683e-002	-3.0427e+000	-2.4028e-001	-3.0100e-001	0.0000e+000	0.0000e+000
	519	-1.5751e-002	-3.0481e+000	-2.5576e-001	-3.0639e-001	0.0000e+000	0.0000e+000
148	560	5.0820e-001	1.6203e+000	-2.8679e-001	2.1285e-001	0.0000e+000	0.0000e+000
	562	-1.3804e+000	1.4105e+000	1.3323e+000	3.0068e-003	0.0000e+000	0.0000e+000
	561	-1.9658e+000	-3.8583e+000	2.5463e+000	-5.8241e-001	0.0000e+000	0.0000e+000
	559	-7.7223e-002	-3.6484e+000	9.2721e-001	-3.7257e-001	0.0000e+000	0.0000e+000
149	558	6.0605e-001	-2.8931e-001	3.7639e-001	3.1674e-002	0.0000e+000	0.0000e+000
	560	2.9214e-001	-3.2419e-001	1.6983e+000	-3.2049e-003	0.0000e+000	0.0000e+000
	559	-1.8582e-001	-4.6259e+000	1.9001e+000	-4.8117e-001	0.0000e+000	0.0000e+000
	557	1.2808e-001	-4.5910e+000	5.7817e-001	-4.4629e-001	0.0000e+000	0.0000e+000
150	556	4.2199e-001	-2.1228e+000	3.5532e-001	-1.7008e-001	0.0000e+000	0.0000e+000
	558	4.0208e-001	-2.1250e+000	1.1046e+000	-1.7230e-001	0.0000e+000	0.0000e+000
	557	1.3116e-001	-4.5633e+000	1.1174e+000	-4.4321e-001	0.0000e+000	0.0000e+000
	555	1.5107e-001	-4.5611e+000	3.6811e-001	-4.4100e-001	0.0000e+000	0.0000e+000
151	554	2.5216e-001	-3.2345e+000	2.1533e-001	-2.9823e-001	0.0000e+000	0.0000e+000
	556	2.9905e-001	-3.2293e+000	5.8720e-001	-2.9302e-001	0.0000e+000	0.0000e+000
	555	1.6459e-001	-4.4394e+000	5.5706e-001	-4.2748e-001	0.0000e+000	0.0000e+000
	553	1.1770e-001	-4.4446e+000	1.8519e-001	-4.3269e-001	0.0000e+000	0.0000e+000
152	552	1.4153e-001	-3.7661e+000	7.8726e-002	-3.6246e-001	0.0000e+000	0.0000e+000
	554	1.9373e-001	-3.7603e+000	2.4695e-001	-3.5666e-001	0.0000e+000	0.0000e+000
	553	1.3291e-001	-4.3078e+000	2.1340e-001	-4.1749e-001	0.0000e+000	0.0000e+000
	551	8.0706e-002	-4.3136e+000	4.5172e-002	-4.2329e-001	0.0000e+000	0.0000e+000
153	550	7.5136e-002	-3.9243e+000	-2.6727e-002	-3.8492e-001	0.0000e+000	0.0000e+000
	552	1.2457e-001	-3.9188e+000	4.0940e-002	-3.7942e-001	0.0000e+000	0.0000e+000
	551	1.0010e-001	-4.1390e+000	9.1656e-003	-4.0389e-001	0.0000e+000	0.0000e+000
	549	5.0669e-002	-4.1445e+000	-5.8501e-002	-4.0938e-001	0.0000e+000	0.0000e+000
154	548	3.6056e-002	-3.8534e+000	-1.0352e-001	-3.8173e-001	0.0000e+000	0.0000e+000
	550	8.3605e-002	-3.8481e+000	-8.0870e-002	-3.7645e-001	0.0000e+000	0.0000e+000
	549	7.5414e-002	-3.9218e+000	-1.1144e-001	-3.8464e-001	0.0000e+000	0.0000e+000
	547	2.7865e-002	-3.9271e+000	-1.3409e-001	-3.8992e-001	0.0000e+000	0.0000e+000
155	546	1.2951e-002	-3.6423e+000	-1.5867e-001	-3.6294e-001	0.0000e+000	0.0000e+000
	548	6.0088e-002	-3.6371e+000	-1.5161e-001	-3.5770e-001	0.0000e+000	0.0000e+000
	547	5.7537e-002	-3.6600e+000	-1.8191e-001	-3.6025e-001	0.0000e+000	0.0000e+000
	545	1.0399e-002	-3.6653e+000	-1.8897e-001	-3.6549e-001	0.0000e+000	0.0000e+000
156	544	-9.5631e-004	-3.3455e+000	-1.9791e-001	-3.3464e-001	0.0000e+000	0.0000e+000
	546	4.6518e-002	-3.3402e+000	-1.9076e-001	-3.2937e-001	0.0000e+000	0.0000e+000
	545	4.3931e-002	-3.3635e+000	-2.2127e-001	-3.3196e-001	0.0000e+000	0.0000e+000
	543	-3.5430e-003	-3.3688e+000	-2.2843e-001	-3.3723e-001	0.0000e+000	0.0000e+000
157	161	3.0439e-001	2.7395e+000	-2.3537e+000	3.0439e-001	0.0000e+000	0.0000e+000
	2	3.0439e-001	2.7395e+000	-2.3537e+000	3.0439e-001	0.0000e+000	0.0000e+000
	162	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
158	157	2.6123e-001	2.4826e+000	-2.1739e+000	2.7438e-001	0.0000e+000	0.0000e+000
	2	2.6123e-001	2.4826e+000	-2.1739e+000	2.7438e-001	0.0000e+000	0.0000e+000
	161	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000

159	157	2.3686e-001	2.1317e+000	-2.3436e+000	2.3686e-001	0.0000e+000	0.0000e+000
	158	2.3686e-001	2.1317e+000	-2.3436e+000	2.3686e-001	0.0000e+000	0.0000e+000
	2	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
160	145	1.3103e-001	1.1792e+000	-2.5843e+000	1.3103e-001	0.0000e+000	0.0000e+000
	1	1.3103e-001	1.1792e+000	-2.5843e+000	1.3103e-001	0.0000e+000	0.0000e+000
	146	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
161	141	4.1521e-001	1.0224e+000	-2.6104e+000	1.4376e-001	0.0000e+000	0.0000e+000
	1	4.1521e-001	1.0224e+000	-2.6104e+000	1.4376e-001	0.0000e+000	0.0000e+000
	145	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
162	141	9.4485e-002	8.5037e-001	-2.7931e+000	9.4485e-002	0.0000e+000	0.0000e+000
	142	9.4485e-002	8.5037e-001	-2.7931e+000	9.4485e-002	0.0000e+000	0.0000e+000
	1	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
163	173	-3.7160e-002	1.1272e-001	-1.5347e-001	7.5559e-003	0.0000e+000	0.0000e+000
	174	-1.3939e-001	1.0136e-001	-9.2012e-002	-3.8034e-003	0.0000e+000	0.0000e+000
	6	-1.6303e-001	-1.1137e-001	-2.2108e-002	-2.7440e-002	0.0000e+000	0.0000e+000
	177	-6.0796e-002	-1.0001e-001	-8.3563e-002	-1.6080e-002	0.0000e+000	0.0000e+000
164	169	2.5045e-001	-6.4235e-001	-6.1472e-001	-3.9189e-002	0.0000e+000	0.0000e+000
	170	-9.8324e-001	-7.7942e-001	-8.4492e-001	-1.7627e-001	0.0000e+000	0.0000e+000
	174	-8.9470e-001	1.7437e-002	-1.3740e-003	-8.7726e-002	0.0000e+000	0.0000e+000
	173	3.3899e-001	1.5451e-001	2.2883e-001	4.9350e-002	0.0000e+000	0.0000e+000
165	165	2.2965e-001	6.3802e+000	4.5492e-001	6.6098e-001	0.0000e+000	0.0000e+000
	166	1.1274e+000	6.4799e+000	2.5097e+000	7.6073e-001	0.0000e+000	0.0000e+000
	170	3.3706e-001	-6.3272e-001	1.8959e+000	-2.9567e-002	0.0000e+000	0.0000e+000
	169	-5.6065e-001	-7.3247e-001	-1.5889e-001	-1.2931e-001	0.0000e+000	0.0000e+000
166	161	-4.8178e-001	2.6522e+000	-1.2864e+000	2.1704e-001	0.0000e+000	0.0000e+000
	162	3.0439e-001	2.7395e+000	-2.3537e+000	3.0439e-001	0.0000e+000	0.0000e+000
	166	7.1490e-001	6.4341e+000	-2.8912e+000	7.1490e-001	0.0000e+000	0.0000e+000
	165	-7.1267e-002	6.3468e+000	-1.8239e+000	6.2755e-001	0.0000e+000	0.0000e+000
167	153	2.5947e-001	1.7102e+000	-2.2676e+000	1.9696e-001	0.0000e+000	0.0000e+000
	154	1.8915e-001	1.7024e+000	-2.3917e+000	1.8915e-001	0.0000e+000	0.0000e+000
	158	2.3686e-001	2.1317e+000	-2.3436e+000	2.3686e-001	0.0000e+000	0.0000e+000
	157	3.0718e-001	2.1395e+000	-2.2195e+000	2.4467e-001	0.0000e+000	0.0000e+000
168	149	2.6812e-001	1.4762e+000	-2.3950e+000	1.7443e-001	0.0000e+000	0.0000e+000
	150	1.6272e-001	1.4645e+000	-2.4637e+000	1.6272e-001	0.0000e+000	0.0000e+000
	154	1.8915e-001	1.7024e+000	-2.3917e+000	1.8915e-001	0.0000e+000	0.0000e+000
	153	2.9455e-001	1.7141e+000	-2.3229e+000	2.0086e-001	0.0000e+000	0.0000e+000
169	145	3.0741e-001	1.1988e+000	-2.5019e+000	1.5062e-001	0.0000e+000	0.0000e+000
	146	1.3103e-001	1.1792e+000	-2.5843e+000	1.3103e-001	0.0000e+000	0.0000e+000
	150	1.6272e-001	1.4645e+000	-2.4637e+000	1.6272e-001	0.0000e+000	0.0000e+000
	149	3.3910e-001	1.4841e+000	-2.3813e+000	1.8232e-001	0.0000e+000	0.0000e+000
170	137	1.3537e+000	-6.0419e-001	-3.3104e+000	7.4955e-002	0.0000e+000	0.0000e+000
	138	-8.4893e-002	-7.6404e-001	-3.7768e+000	-8.4893e-002	0.0000e+000	0.0000e+000
	142	9.4485e-002	8.5037e-001	-2.7931e+000	9.4485e-002	0.0000e+000	0.0000e+000
	141	1.5331e+000	1.0102e+000	-2.3267e+000	2.5433e-001	0.0000e+000	0.0000e+000
171	133	1.7909e+000	3.8039e-001	-2.2776e-001	2.1713e-001	0.0000e+000	0.0000e+000
	134	6.0438e+000	8.5294e-001	4.6024e-002	6.8967e-001	0.0000e+000	0.0000e+000
	138	5.9385e+000	-9.4779e-002	-2.8619e+000	5.8437e-001	0.0000e+000	0.0000e+000
	137	1.6856e+000	-5.6732e-001	-3.1357e+000	1.1182e-001	0.0000e+000	0.0000e+000
172	128	1.4395e+000	7.3045e-002	-3.7607e-001	1.5125e-001	0.0000e+000	0.0000e+000
	130	2.0600e+000	1.4200e-001	-4.5455e-001	2.2020e-001	0.0000e+000	0.0000e+000
	134	2.0902e+000	4.1366e-001	-8.7886e-001	2.5039e-001	0.0000e+000	0.0000e+000
	133	1.4697e+000	3.4470e-001	-8.0038e-001	1.8144e-001	0.0000e+000	0.0000e+000
173	129	1.7020e-001	1.7265e-002	-3.6985e-001	1.8747e-002	0.0000e+000	0.0000e+000
	5	3.8696e-001	4.1349e-002	-3.4492e-001	4.2831e-002	0.0000e+000	0.0000e+000
	130	3.7737e-001	-4.4968e-002	-4.9313e-001	3.3241e-002	0.0000e+000	0.0000e+000
	128	1.6061e-001	-6.9053e-002	-5.1807e-001	9.1558e-003	0.0000e+000	0.0000e+000
174	172	1.1287e-001	-1.5225e-001	-2.2006e-001	-3.9372e-003	0.0000e+000	0.0000e+000
	173	-6.8844e-002	-1.7244e-001	-2.1730e-001	-2.4128e-002	0.0000e+000	0.0000e+000

	177	-6.9905e-002	-1.8199e-001	-9.3047e-002	-2.5189e-002	0.0000e+000	0.0000e+000
	176	1.1181e-001	-1.6180e-001	-9.5807e-002	-4.9985e-003	0.0000e+000	0.0000e+000
175	168	1.8754e-001	7.9094e-001	4.5349e-002	9.7848e-002	0.0000e+000	0.0000e+000
	169	4.1248e-001	8.1593e-001	3.1880e-001	1.2284e-001	0.0000e+000	0.0000e+000
	173	3.0731e-001	-1.3064e-001	1.6500e-001	1.7667e-002	0.0000e+000	0.0000e+000
	172	8.2365e-002	-1.5564e-001	-1.0846e-001	-7.3270e-003	0.0000e+000	0.0000e+000
176	164	-3.1887e-002	3.7755e+000	-1.2477e-001	3.7436e-001	0.0000e+000	0.0000e+000
	165	-6.0115e-002	3.7723e+000	7.5533e-001	3.7122e-001	0.0000e+000	0.0000e+000
	169	-3.9862e-001	7.2581e-001	7.7463e-001	3.2719e-002	0.0000e+000	0.0000e+000
	168	-3.7039e-001	7.2895e-001	-1.0547e-001	3.5856e-002	0.0000e+000	0.0000e+000
177	160	-3.7950e-001	2.9472e+000	-1.3406e+000	2.5677e-001	0.0000e+000	0.0000e+000
	161	-4.4987e-001	2.9393e+000	-1.5716e+000	2.4895e-001	0.0000e+000	0.0000e+000
	165	-3.6103e-001	3.7389e+000	-1.5235e+000	3.3779e-001	0.0000e+000	0.0000e+000
	164	-2.9066e-001	3.7467e+000	-1.2925e+000	3.4560e-001	0.0000e+000	0.0000e+000
178	156	-3.2183e-002	1.9760e+000	-2.0038e+000	1.9438e-001	0.0000e+000	0.0000e+000
	157	2.0790e-001	2.0026e+000	-2.2992e+000	2.2105e-001	0.0000e+000	0.0000e+000
	161	3.2150e-001	3.0251e+000	-2.4634e+000	3.3466e-001	0.0000e+000	0.0000e+000
	160	8.1420e-002	2.9984e+000	-2.1680e+000	3.0798e-001	0.0000e+000	0.0000e+000
179	152	2.5741e-001	1.7005e+000	-2.2601e+000	1.9579e-001	0.0000e+000	0.0000e+000
	153	2.5841e-001	1.7006e+000	-2.3501e+000	1.9590e-001	0.0000e+000	0.0000e+000
	157	2.9302e-001	2.0121e+000	-2.3508e+000	2.3051e-001	0.0000e+000	0.0000e+000
	156	2.9201e-001	2.0120e+000	-2.2608e+000	2.3040e-001	0.0000e+000	0.0000e+000
180	148	3.2939e-001	1.4479e+000	-2.3738e+000	1.7773e-001	0.0000e+000	0.0000e+000
	149	2.6417e-001	1.4407e+000	-2.4500e+000	1.7049e-001	0.0000e+000	0.0000e+000
	153	2.9349e-001	1.7045e+000	-2.4054e+000	1.9980e-001	0.0000e+000	0.0000e+000
	152	3.5870e-001	1.7118e+000	-2.3292e+000	2.0705e-001	0.0000e+000	0.0000e+000
181	144	4.0750e-001	1.2175e+000	-2.4342e+000	1.6250e-001	0.0000e+000	0.0000e+000
	145	3.0826e-001	1.2065e+000	-2.5041e+000	1.5147e-001	0.0000e+000	0.0000e+000
	149	3.3516e-001	1.4486e+000	-2.4363e+000	1.7837e-001	0.0000e+000	0.0000e+000
	148	4.3440e-001	1.4596e+000	-2.3664e+000	1.8940e-001	0.0000e+000	0.0000e+000
182	140	6.4277e-001	6.1964e-001	-2.4976e+000	1.2624e-001	0.0000e+000	0.0000e+000
	141	3.6705e-001	5.8900e-001	-2.6801e+000	9.5606e-002	0.0000e+000	0.0000e+000
	145	4.3725e-001	1.2208e+000	-2.4915e+000	1.6581e-001	0.0000e+000	0.0000e+000
	144	7.1297e-001	1.2514e+000	-2.3090e+000	1.9644e-001	0.0000e+000	0.0000e+000
183	136	9.4709e-001	4.6959e-001	-1.8908e+000	1.4167e-001	0.0000e+000	0.0000e+000
	137	1.4796e+000	5.2876e-001	-1.9446e+000	2.0084e-001	0.0000e+000	0.0000e+000
	141	1.5003e+000	7.1492e-001	-2.3087e+000	2.2152e-001	0.0000e+000	0.0000e+000
	140	9.6777e-001	6.5575e-001	-2.2549e+000	1.6235e-001	0.0000e+000	0.0000e+000
184	132	1.0146e+000	7.8941e-001	-1.2923e+000	1.8040e-001	0.0000e+000	0.0000e+000
	133	1.8466e+000	8.8185e-001	-1.2010e+000	2.7284e-001	0.0000e+000	0.0000e+000
	137	1.8114e+000	5.6563e-001	-1.7699e+000	2.3771e-001	0.0000e+000	0.0000e+000
	136	9.7943e-001	4.7318e-001	-1.8612e+000	1.4526e-001	0.0000e+000	0.0000e+000
185	126	6.5924e-001	1.6294e-001	-1.0548e+000	8.2219e-002	0.0000e+000	0.0000e+000
	128	1.4594e+000	2.5185e-001	-1.2265e+000	1.7112e-001	0.0000e+000	0.0000e+000
	133	1.5254e+000	8.4616e-001	-1.7736e+000	2.3716e-001	0.0000e+000	0.0000e+000
	132	7.2528e-001	7.5726e-001	-1.6019e+000	1.4825e-001	0.0000e+000	0.0000e+000
186	127	8.9988e-002	-1.5271e-001	-1.2522e+000	-6.2727e-003	0.0000e+000	0.0000e+000
	129	1.5208e-001	-1.4582e-001	-1.3260e+000	6.2653e-004	0.0000e+000	0.0000e+000
	128	1.8048e-001	1.0975e-001	-1.3685e+000	2.9023e-002	0.0000e+000	0.0000e+000
	126	1.1838e-001	1.0285e-001	-1.2947e+000	2.2123e-002	0.0000e+000	0.0000e+000
187	171	6.9047e-002	5.4908e-002	-8.0483e-002	1.2396e-002	0.0000e+000	0.0000e+000
	172	1.3673e-001	6.2428e-002	5.2876e-002	1.9915e-002	0.0000e+000	0.0000e+000
	176	8.5435e-002	-3.9920e-001	6.5992e-003	-3.1376e-002	0.0000e+000	0.0000e+000
	175	1.7755e-002	-4.0672e-001	-1.2676e-001	-3.8896e-002	0.0000e+000	0.0000e+000
188	167	7.2332e-002	1.0623e+000	-2.9440e-002	1.1346e-001	0.0000e+000	0.0000e+000
	168	2.1951e-001	1.0786e+000	2.6511e-001	1.2981e-001	0.0000e+000	0.0000e+000
	172	1.0622e-001	5.9038e-002	1.6448e-001	1.6526e-002	0.0000e+000	0.0000e+000
	171	-4.0956e-002	4.2686e-002	-1.3007e-001	1.7291e-004	0.0000e+000	0.0000e+000

189	163	-9.6150e-002	2.5434e+000	-3.7470e-001	2.4472e-001	0.0000e+000	0.0000e+000
	164	-1.6969e-001	2.5352e+000	6.4004e-002	2.3655e-001	0.0000e+000	0.0000e+000
	168	-3.3842e-001	1.0166e+000	1.1429e-001	6.7822e-002	0.0000e+000	0.0000e+000
	167	-2.6488e-001	1.0248e+000	-3.2441e-001	7.5993e-002	0.0000e+000	0.0000e+000
190	159	-2.3840e-001	2.5351e+000	-1.2353e+000	2.2967e-001	0.0000e+000	0.0000e+000
	160	-4.2762e-001	2.5141e+000	-1.2331e+000	2.0865e-001	0.0000e+000	0.0000e+000
	164	-4.2846e-001	2.5065e+000	-1.1037e+000	2.0780e-001	0.0000e+000	0.0000e+000
	163	-2.3924e-001	2.5275e+000	-1.1059e+000	2.2883e-001	0.0000e+000	0.0000e+000
191	155	-3.9588e-002	1.9693e+000	-1.8839e+000	1.9298e-001	0.0000e+000	0.0000e+000
	156	-3.2833e-002	1.9701e+000	-2.0559e+000	1.9373e-001	0.0000e+000	0.0000e+000
	160	3.3298e-002	2.5653e+000	-2.0605e+000	2.5986e-001	0.0000e+000	0.0000e+000
	159	2.6543e-002	2.5645e+000	-1.8885e+000	2.5911e-001	0.0000e+000	0.0000e+000
192	151	2.2821e-001	1.6539e+000	-2.1952e+000	1.8822e-001	0.0000e+000	0.0000e+000
	152	2.5253e-001	1.6566e+000	-2.2962e+000	1.9092e-001	0.0000e+000	0.0000e+000
	156	2.9136e-001	2.0061e+000	-2.3128e+000	2.2975e-001	0.0000e+000	0.0000e+000
	155	2.6704e-001	2.0034e+000	-2.2118e+000	2.2705e-001	0.0000e+000	0.0000e+000
193	147	3.7399e-001	1.4652e+000	-2.3349e+000	1.8392e-001	0.0000e+000	0.0000e+000
	148	3.3077e-001	1.4604e+000	-2.3948e+000	1.7912e-001	0.0000e+000	0.0000e+000
	152	3.5383e-001	1.6679e+000	-2.3652e+000	2.0217e-001	0.0000e+000	0.0000e+000
	151	3.9705e-001	1.6727e+000	-2.3053e+000	2.0697e-001	0.0000e+000	0.0000e+000
194	143	4.7858e-001	1.2172e+000	-2.3607e+000	1.6958e-001	0.0000e+000	0.0000e+000
	144	4.0658e-001	1.2092e+000	-2.4366e+000	1.6158e-001	0.0000e+000	0.0000e+000
	148	4.3578e-001	1.4721e+000	-2.3874e+000	1.9079e-001	0.0000e+000	0.0000e+000
	147	5.0779e-001	1.4801e+000	-2.3115e+000	1.9879e-001	0.0000e+000	0.0000e+000
195	139	6.0858e-001	9.2868e-001	-2.1754e+000	1.5373e-001	0.0000e+000	0.0000e+000
	140	6.7797e-001	9.3639e-001	-2.2640e+000	1.6144e-001	0.0000e+000	0.0000e+000
	144	7.1205e-001	1.2432e+000	-2.3114e+000	1.9552e-001	0.0000e+000	0.0000e+000
	143	6.4266e-001	1.2355e+000	-2.2228e+000	1.8781e-001	0.0000e+000	0.0000e+000
196	135	7.0423e-001	8.6627e-001	-1.8014e+000	1.5705e-001	0.0000e+000	0.0000e+000
	136	9.9475e-001	8.9855e-001	-1.8227e+000	1.8933e-001	0.0000e+000	0.0000e+000
	140	1.0030e+000	9.7250e-001	-2.0214e+000	1.9755e-001	0.0000e+000	0.0000e+000
	139	7.1244e-001	9.4022e-001	-2.0000e+000	1.6527e-001	0.0000e+000	0.0000e+000
197	131	6.4282e-001	8.0300e-001	-1.5182e+000	1.4458e-001	0.0000e+000	0.0000e+000
	132	1.0207e+000	8.4499e-001	-1.5347e+000	1.8657e-001	0.0000e+000	0.0000e+000
	136	1.0271e+000	9.0215e-001	-1.7931e+000	1.9292e-001	0.0000e+000	0.0000e+000
	135	6.4917e-001	8.6015e-001	-1.7766e+000	1.5093e-001	0.0000e+000	0.0000e+000
198	124	4.3291e-001	2.5759e-001	-1.5276e+000	6.9049e-002	0.0000e+000	0.0000e+000
	126	6.7272e-001	2.8424e-001	-1.6803e+000	9.5695e-002	0.0000e+000	0.0000e+000
	132	7.3145e-001	8.1284e-001	-1.8443e+000	1.5443e-001	0.0000e+000	0.0000e+000
	131	4.9164e-001	7.8620e-001	-1.6916e+000	1.2778e-001	0.0000e+000	0.0000e+000
199	125	1.7885e-001	-5.1195e-001	-1.7925e+000	-3.3310e-002	0.0000e+000	0.0000e+000
	127	4.8463e-002	-5.2644e-001	-2.0094e+000	-4.7798e-002	0.0000e+000	0.0000e+000
	126	1.3186e-001	2.2414e-001	-1.9202e+000	3.5600e-002	0.0000e+000	0.0000e+000
	124	2.6225e-001	2.3863e-001	-1.7034e+000	5.0088e-002	0.0000e+000	0.0000e+000
200	123	-1.4790e-004	1.4938e-001	-3.2567e-002	1.4923e-002	0.0000e+000	0.0000e+000
	171	8.0540e-002	1.5834e-001	1.3133e-001	2.3888e-002	0.0000e+000	0.0000e+000
	175	1.7502e-002	-4.0900e-001	7.6161e-002	-3.9150e-002	0.0000e+000	0.0000e+000
	7	-6.3186e-002	-4.1797e-001	-8.7739e-002	-4.8115e-002	0.0000e+000	0.0000e+000
201	122	2.4512e-003	9.8817e-001	-1.2084e-001	9.9062e-002	0.0000e+000	0.0000e+000
	167	6.4868e-002	9.9511e-001	1.2442e-001	1.0600e-001	0.0000e+000	0.0000e+000
	171	-2.9464e-002	1.4612e-001	8.1742e-002	1.1666e-002	0.0000e+000	0.0000e+000
	123	-9.1881e-002	1.3919e-001	-1.6352e-001	4.7305e-003	0.0000e+000	0.0000e+000
202	121	-7.9087e-002	1.8751e+000	-4.9585e-001	1.7960e-001	0.0000e+000	0.0000e+000
	163	-1.7155e-001	1.8648e+000	-2.3377e-001	1.6933e-001	0.0000e+000	0.0000e+000
	167	-2.7235e-001	9.5764e-001	-1.7055e-001	6.8530e-002	0.0000e+000	0.0000e+000
	122	-1.7989e-001	9.6791e-001	-4.3263e-001	7.8803e-002	0.0000e+000	0.0000e+000
203	120	-1.0034e-001	2.0668e+000	-1.1534e+000	1.9665e-001	0.0000e+000	0.0000e+000
	159	-2.9280e-001	2.0455e+000	-1.0966e+000	1.7526e-001	0.0000e+000	0.0000e+000

	163	-3.1464e-001	1.8489e+000	-9.6502e-001	1.5343e-001	0.0000e+000	0.0000e+000
	121	-1.2218e-001	1.8703e+000	-1.0218e+000	1.7481e-001	0.0000e+000	0.0000e+000
204	119	5.3502e-002	1.8269e+000	-1.7501e+000	1.8804e-001	0.0000e+000	0.0000e+000
	155	-5.6774e-002	1.8147e+000	-1.8252e+000	1.7579e-001	0.0000e+000	0.0000e+000
	159	-2.7862e-002	2.0749e+000	-1.7498e+000	2.0470e-001	0.0000e+000	0.0000e+000
	120	8.2414e-002	2.0871e+000	-1.6747e+000	2.1696e-001	0.0000e+000	0.0000e+000
205	118	2.7032e-001	1.6132e+000	-2.1159e+000	1.8836e-001	0.0000e+000	0.0000e+000
	151	2.2311e-001	1.6080e+000	-2.1854e+000	1.8311e-001	0.0000e+000	0.0000e+000
	155	2.4986e-001	1.8488e+000	-2.1532e+000	2.0986e-001	0.0000e+000	0.0000e+000
	119	2.9707e-001	1.8540e+000	-2.0836e+000	2.1511e-001	0.0000e+000	0.0000e+000
206	117	4.2595e-001	1.4800e+000	-2.2863e+000	1.9059e-001	0.0000e+000	0.0000e+000
	147	3.7500e-001	1.4743e+000	-2.3304e+000	1.8493e-001	0.0000e+000	0.0000e+000
	151	3.9194e-001	1.6268e+000	-2.2955e+000	2.0187e-001	0.0000e+000	0.0000e+000
	118	4.4289e-001	1.6324e+000	-2.2515e+000	2.0753e-001	0.0000e+000	0.0000e+000
207	116	5.1529e-001	1.3398e+000	-2.2790e+000	1.8550e-001	0.0000e+000	0.0000e+000
	143	4.9191e-001	1.3372e+000	-2.3229e+000	1.8291e-001	0.0000e+000	0.0000e+000
	147	5.0880e-001	1.4892e+000	-2.3070e+000	1.9980e-001	0.0000e+000	0.0000e+000
	117	5.3218e-001	1.4918e+000	-2.2631e+000	2.0239e-001	0.0000e+000	0.0000e+000
208	115	5.6841e-001	1.1871e+000	-2.0910e+000	1.7555e-001	0.0000e+000	0.0000e+000
	139	6.3815e-001	1.1949e+000	-2.1374e+000	1.8330e-001	0.0000e+000	0.0000e+000
	143	6.5599e-001	1.3554e+000	-2.1851e+000	2.0114e-001	0.0000e+000	0.0000e+000
	116	5.8625e-001	1.3476e+000	-2.1387e+000	1.9339e-001	0.0000e+000	0.0000e+000
209	114	5.7695e-001	1.0581e+000	-1.8211e+000	1.6350e-001	0.0000e+000	0.0000e+000
	135	7.2740e-001	1.0748e+000	-1.8591e+000	1.8022e-001	0.0000e+000	0.0000e+000
	139	7.4202e-001	1.2064e+000	-1.9620e+000	1.9484e-001	0.0000e+000	0.0000e+000
	115	5.9157e-001	1.1897e+000	-1.9240e+000	1.7813e-001	0.0000e+000	0.0000e+000
210	113	5.2189e-001	7.8516e-001	-1.6740e+000	1.3070e-001	0.0000e+000	0.0000e+000
	131	6.4232e-001	7.9854e-001	-1.7521e+000	1.4409e-001	0.0000e+000	0.0000e+000
	135	6.7234e-001	1.0687e+000	-1.8344e+000	1.7410e-001	0.0000e+000	0.0000e+000
	114	5.5191e-001	1.0553e+000	-1.7564e+000	1.6072e-001	0.0000e+000	0.0000e+000
211	112	4.2840e-001	1.6570e-001	-1.7513e+000	5.9410e-002	0.0000e+000	0.0000e+000
	124	4.2262e-001	1.6506e-001	-1.9294e+000	5.8769e-002	0.0000e+000	0.0000e+000
	131	4.9114e-001	7.8174e-001	-1.9255e+000	1.2729e-001	0.0000e+000	0.0000e+000
	113	4.9692e-001	7.8238e-001	-1.7473e+000	1.2793e-001	0.0000e+000	0.0000e+000
212	10	3.3853e-001	-6.7810e-001	-1.9846e+000	-3.3957e-002	0.0000e+000	0.0000e+000
	125	1.5816e-001	-6.9814e-001	-2.2285e+000	-5.3998e-002	0.0000e+000	0.0000e+000
	124	2.5197e-001	1.4610e-001	-2.1051e+000	3.9807e-002	0.0000e+000	0.0000e+000
	112	4.3234e-001	1.6614e-001	-1.8613e+000	5.9848e-002	0.0000e+000	0.0000e+000
213	111	-4.5847e-002	1.9953e-001	-7.7535e-002	1.5368e-002	0.0000e+000	0.0000e+000
	123	4.5920e-002	5.6399e-001	1.7824e-001	6.0991e-002	0.0000e+000	0.0000e+000
	7	-3.3341e-002	-1.4936e-001	1.4782e-001	-1.8270e-002	0.0000e+000	0.0000e+000
	44	-1.2843e-001	-5.4371e-001	-1.0923e-001	-6.7214e-002	0.0000e+000	0.0000e+000
214	110	-3.1879e-002	8.8616e-001	-3.0400e-001	8.5428e-002	0.0000e+000	0.0000e+000
	122	4.1783e-002	1.3422e+000	3.3900e-002	1.3839e-001	0.0000e+000	0.0000e+000
	123	-6.7516e-002	3.5847e-001	2.0258e-002	2.9095e-002	0.0000e+000	0.0000e+000
	111	-1.4576e-001	-1.3875e-001	-3.1822e-001	-2.8451e-002	0.0000e+000	0.0000e+000
215	109	3.7658e-004	1.5241e+000	-7.2490e-001	1.5244e-001	0.0000e+000	0.0000e+000
	121	-7.0278e-002	1.9544e+000	-3.9742e-001	1.8841e-001	0.0000e+000	0.0000e+000
	122	-1.8792e-001	8.9560e-001	-3.2714e-001	7.0767e-002	0.0000e+000	0.0000e+000
	110	-1.2220e-001	4.2089e-001	-6.5167e-001	2.9870e-002	0.0000e+000	0.0000e+000
216	108	1.1185e-001	1.7876e+000	-1.2751e+000	1.8994e-001	0.0000e+000	0.0000e+000
	120	-1.0317e-001	2.0414e+000	-1.0782e+000	1.9382e-001	0.0000e+000	0.0000e+000
	121	-1.8601e-001	1.2959e+000	-9.3394e-001	1.1099e-001	0.0000e+000	0.0000e+000
	109	2.5544e-002	1.0108e+000	-1.1248e+000	1.0364e-001	0.0000e+000	0.0000e+000
217	107	2.8322e-001	1.7266e+000	-1.7662e+000	2.0098e-001	0.0000e+000	0.0000e+000
	119	5.1723e-002	1.8109e+000	-1.7020e+000	1.8626e-001	0.0000e+000	0.0000e+000
	120	1.4791e-002	1.4785e+000	-1.5591e+000	1.4933e-001	0.0000e+000	0.0000e+000
	108	2.4474e-001	1.3803e+000	-1.6173e+000	1.6250e-001	0.0000e+000	0.0000e+000

218	106	4.4967e-001	1.5979e+000	-2.0976e+000	2.0475e-001	0.0000e+000	0.0000e+000
	118	2.6964e-001	1.6071e+000	-2.0951e+000	1.8767e-001	0.0000e+000	0.0000e+000
	119	2.5844e-001	1.5063e+000	-1.9877e+000	1.7648e-001	0.0000e+000	0.0000e+000
	107	4.3800e-001	1.4929e+000	-1.9857e+000	1.9309e-001	0.0000e+000	0.0000e+000
219	105	5.5468e-001	1.5163e+000	-2.2538e+000	2.0710e-001	0.0000e+000	0.0000e+000
	117	4.2821e-001	1.5003e+000	-2.2750e+000	1.9285e-001	0.0000e+000	0.0000e+000
	118	4.2909e-001	1.5082e+000	-2.2011e+000	1.9373e-001	0.0000e+000	0.0000e+000
	106	5.5559e-001	1.5246e+000	-2.1767e+000	2.0802e-001	0.0000e+000	0.0000e+000
220	104	5.8832e-001	1.4532e+000	-2.2290e+000	2.0415e-001	0.0000e+000	0.0000e+000
	116	5.2468e-001	1.4243e+000	-2.2720e+000	1.9490e-001	0.0000e+000	0.0000e+000
	117	5.3637e-001	1.5295e+000	-2.2361e+000	2.0658e-001	0.0000e+000	0.0000e+000
	105	6.0049e-001	1.5627e+000	-2.1917e+000	2.1632e-001	0.0000e+000	0.0000e+000
221	103	5.7929e-001	1.3535e+000	-2.0523e+000	1.9328e-001	0.0000e+000	0.0000e+000
	115	5.8330e-001	1.3211e+000	-2.1184e+000	1.9044e-001	0.0000e+000	0.0000e+000
	116	6.0533e-001	1.5194e+000	-2.1229e+000	2.1248e-001	0.0000e+000	0.0000e+000
	104	6.0225e-001	1.5601e+000	-2.0570e+000	2.1624e-001	0.0000e+000	0.0000e+000
222	102	5.6330e-001	1.1554e+000	-1.8406e+000	1.7187e-001	0.0000e+000	0.0000e+000
	114	5.8410e-001	1.1224e+000	-1.9346e+000	1.7065e-001	0.0000e+000	0.0000e+000
	115	6.1569e-001	1.4067e+000	-1.9491e+000	2.0224e-001	0.0000e+000	0.0000e+000
	103	5.9621e-001	1.4516e+000	-1.8557e+000	2.0478e-001	0.0000e+000	0.0000e+000
223	101	5.5843e-001	7.4346e-001	-1.7451e+000	1.3019e-001	0.0000e+000	0.0000e+000
	113	5.1263e-001	7.0179e-001	-1.8961e+000	1.2144e-001	0.0000e+000	0.0000e+000
	114	5.6174e-001	1.1438e+000	-1.8717e+000	1.7055e-001	0.0000e+000	0.0000e+000
	102	6.0960e-001	1.2040e+000	-1.7196e+000	1.8136e-001	0.0000e+000	0.0000e+000
224	100	5.6399e-001	5.2220e-002	-1.8278e+000	6.1621e-002	0.0000e+000	0.0000e+000
	112	4.1080e-001	7.3269e-003	-2.0586e+000	4.1813e-002	0.0000e+000	0.0000e+000
	113	4.8563e-001	6.8080e-001	-1.9706e+000	1.1664e-001	0.0000e+000	0.0000e+000
	101	6.4196e-001	7.5391e-001	-1.7362e+000	1.3959e-001	0.0000e+000	0.0000e+000
225	28	5.6935e-001	-8.0541e-001	-2.0350e+000	-2.3606e-002	0.0000e+000	0.0000e+000
	10	3.2133e-001	-8.3297e-001	-2.3138e+000	-5.1165e-002	0.0000e+000	0.0000e+000
	112	4.1322e-001	-5.9079e-003	-2.1685e+000	4.0731e-002	0.0000e+000	0.0000e+000
	100	6.6510e-001	5.6307e-002	-1.8836e+000	7.2141e-002	0.0000e+000	0.0000e+000
226	99	8.0490e-003	3.7569e-001	-1.8067e-001	3.8374e-002	0.0000e+000	0.0000e+000
	111	2.0160e-002	7.9359e-001	9.1857e-002	8.1375e-002	0.0000e+000	0.0000e+000
	44	-6.9132e-002	-1.0039e-002	1.1137e-001	-7.9171e-003	0.0000e+000	0.0000e+000
	43	-8.5149e-002	-4.6309e-001	-1.6030e-001	-5.4824e-002	0.0000e+000	0.0000e+000
227	98	5.6973e-002	8.9089e-001	-4.6349e-001	9.4786e-002	0.0000e+000	0.0000e+000
	110	1.1388e-002	1.2756e+000	-1.9903e-001	1.2869e-001	0.0000e+000	0.0000e+000
	111	-7.9751e-002	4.5531e-001	-1.4883e-001	3.7556e-002	0.0000e+000	0.0000e+000
	99	-3.8151e-002	3.4767e-002	-4.1109e-001	-3.3844e-004	0.0000e+000	0.0000e+000
228	97	1.6778e-001	1.2562e+000	-8.7477e-001	1.4240e-001	0.0000e+000	0.0000e+000
	109	4.7557e-003	1.5635e+000	-6.5877e-001	1.5682e-001	0.0000e+000	0.0000e+000
	110	-7.8930e-002	8.1029e-001	-5.4670e-001	7.3136e-002	0.0000e+000	0.0000e+000
	98	8.0437e-002	4.7013e-001	-7.5780e-001	5.5057e-002	0.0000e+000	0.0000e+000
229	96	3.3437e-001	1.4130e+000	-1.3429e+000	1.7473e-001	0.0000e+000	0.0000e+000
	108	9.0941e-002	1.5994e+000	-1.2088e+000	1.6904e-001	0.0000e+000	0.0000e+000
	109	2.9923e-002	1.0503e+000	-1.0587e+000	1.0802e-001	0.0000e+000	0.0000e+000
	97	2.7068e-001	8.3980e-001	-1.1862e+000	1.1105e-001	0.0000e+000	0.0000e+000
230	95	5.2170e-001	1.4448e+000	-1.7710e+000	1.9665e-001	0.0000e+000	0.0000e+000
	107	2.6182e-001	1.5340e+000	-1.7043e+000	1.7959e-001	0.0000e+000	0.0000e+000
	108	2.2383e-001	1.1921e+000	-1.5510e+000	1.4159e-001	0.0000e+000	0.0000e+000
	96	4.8204e-001	1.0879e+000	-1.6109e+000	1.5699e-001	0.0000e+000	0.0000e+000
231	94	6.7241e-001	1.4727e+000	-2.0910e+000	2.1451e-001	0.0000e+000	0.0000e+000
	106	4.3995e-001	1.5104e+000	-2.0583e+000	1.9504e-001	0.0000e+000	0.0000e+000
	107	4.1661e-001	1.3004e+000	-1.9238e+000	1.7170e-001	0.0000e+000	0.0000e+000
	95	6.4805e-001	1.2535e+000	-1.9506e+000	1.9015e-001	0.0000e+000	0.0000e+000
232	93	7.3924e-001	1.5393e+000	-2.2527e+000	2.2786e-001	0.0000e+000	0.0000e+000
	105	5.5819e-001	1.5479e+000	-2.2409e+000	2.1061e-001	0.0000e+000	0.0000e+000

	106	5.4588e-001	1.4371e+000	-2.1374e+000	1.9830e-001	0.0000e+000	0.0000e+000
	94	7.2638e-001	1.4237e+000	-2.1448e+000	2.1501e-001	0.0000e+000	0.0000e+000
233	92	7.2335e-001	1.5891e+000	-2.2236e+000	2.3125e-001	0.0000e+000	0.0000e+000
	104	6.0135e-001	1.5704e+000	-2.2469e+000	2.1718e-001	0.0000e+000	0.0000e+000
	105	6.0400e-001	1.5943e+000	-2.1788e+000	2.1983e-001	0.0000e+000	0.0000e+000
	93	7.2612e-001	1.6141e+000	-2.1525e+000	2.3402e-001	0.0000e+000	0.0000e+000
234	91	6.8137e-001	1.5120e+000	-2.0400e+000	2.1934e-001	0.0000e+000	0.0000e+000
	103	5.9173e-001	1.4654e+000	-2.1230e+000	2.0571e-001	0.0000e+000	0.0000e+000
	104	6.1528e-001	1.6774e+000	-2.0750e+000	2.2927e-001	0.0000e+000	0.0000e+000
	92	7.0595e-001	1.7333e+000	-1.9899e+000	2.4392e-001	0.0000e+000	0.0000e+000
235	90	6.7993e-001	1.2095e+000	-1.8326e+000	1.8894e-001	0.0000e+000	0.0000e+000
	102	5.6177e-001	1.1417e+000	-1.9892e+000	1.7034e-001	0.0000e+000	0.0000e+000
	103	6.0864e-001	1.5635e+000	-1.9264e+000	2.1722e-001	0.0000e+000	0.0000e+000
	91	7.2886e-001	1.6498e+000	-1.7669e+000	2.3786e-001	0.0000e+000	0.0000e+000
236	89	7.3282e-001	6.4869e-001	-1.7474e+000	1.3815e-001	0.0000e+000	0.0000e+000
	101	5.3960e-001	5.7398e-001	-1.9734e+000	1.1136e-001	0.0000e+000	0.0000e+000
	102	6.0807e-001	1.1902e+000	-1.8683e+000	1.7983e-001	0.0000e+000	0.0000e+000
	90	8.0429e-001	1.2919e+000	-1.6377e+000	2.0962e-001	0.0000e+000	0.0000e+000
237	88	8.0160e-001	-1.1271e-001	-1.8366e+000	6.8889e-002	0.0000e+000	0.0000e+000
	100	5.3878e-001	-1.7470e-001	-2.1100e+000	3.6408e-002	0.0000e+000	0.0000e+000
	101	6.2313e-001	5.8443e-001	-1.9645e+000	1.2076e-001	0.0000e+000	0.0000e+000
	89	8.8964e-001	6.7962e-001	-1.6847e+000	1.5693e-001	0.0000e+000	0.0000e+000
238	16	8.4031e-001	-9.3914e-001	-2.0465e+000	-9.8831e-003	0.0000e+000	0.0000e+000
	28	5.5092e-001	-9.7129e-001	-2.3282e+000	-4.2037e-002	0.0000e+000	0.0000e+000
	100	6.3989e-001	-1.7061e-001	-2.1657e+000	4.6927e-002	0.0000e+000	0.0000e+000
	88	9.3316e-001	-1.0344e-001	-1.8769e+000	8.2972e-002	0.0000e+000	0.0000e+000
239	87	1.0104e-001	4.4138e-001	-2.7385e-001	5.4242e-002	0.0000e+000	0.0000e+000
	99	5.3819e-002	7.8762e-001	-6.0815e-002	8.4144e-002	0.0000e+000	0.0000e+000
	43	-1.8230e-002	1.3918e-001	-1.4236e-002	1.2095e-002	0.0000e+000	0.0000e+000
	42	2.5698e-002	-2.3672e-001	-2.2514e-001	-2.1102e-002	0.0000e+000	0.0000e+000
240	86	1.9848e-001	7.7638e-001	-5.6416e-001	9.7485e-002	0.0000e+000	0.0000e+000
	98	7.7457e-002	1.0752e+000	-3.7506e-001	1.1527e-001	0.0000e+000	0.0000e+000
	99	7.6191e-003	4.4670e-001	-2.9123e-001	4.5432e-002	0.0000e+000	0.0000e+000
	87	1.2544e-001	1.1909e-001	-4.7650e-001	2.4453e-002	0.0000e+000	0.0000e+000
241	85	3.6938e-001	9.8903e-001	-9.4679e-001	1.3584e-001	0.0000e+000	0.0000e+000
	97	1.6409e-001	1.2230e+000	-7.9509e-001	1.3871e-001	0.0000e+000	0.0000e+000
	98	1.0092e-001	6.5449e-001	-6.6937e-001	7.5541e-002	0.0000e+000	0.0000e+000
	86	3.0332e-001	3.9447e-001	-8.1532e-001	6.9779e-002	0.0000e+000	0.0000e+000
242	84	5.8737e-001	1.1109e+000	-1.3684e+000	1.6983e-001	0.0000e+000	0.0000e+000
	96	3.1838e-001	1.2691e+000	-1.2623e+000	1.5875e-001	0.0000e+000	0.0000e+000
	97	2.6699e-001	8.0659e-001	-1.1065e+000	1.0736e-001	0.0000e+000	0.0000e+000
	85	5.3364e-001	6.2731e-001	-1.2055e+000	1.1610e-001	0.0000e+000	0.0000e+000
243	83	8.1052e-001	1.2164e+000	-1.7761e+000	2.0269e-001	0.0000e+000	0.0000e+000
	95	5.0759e-001	1.3178e+000	-1.7011e+000	1.8254e-001	0.0000e+000	0.0000e+000
	96	4.6605e-001	9.4398e-001	-1.5303e+000	1.4100e-001	0.0000e+000	0.0000e+000
	84	7.6708e-001	8.2545e-001	-1.5975e+000	1.5925e-001	0.0000e+000	0.0000e+000
244	82	9.7300e-001	1.3770e+000	-2.1124e+000	2.3500e-001	0.0000e+000	0.0000e+000
	94	6.6915e-001	1.4434e+000	-2.0499e+000	2.1126e-001	0.0000e+000	0.0000e+000
	95	6.3394e-001	1.1265e+000	-1.8807e+000	1.7605e-001	0.0000e+000	0.0000e+000
	83	9.3618e-001	1.0456e+000	-1.9354e+000	1.9818e-001	0.0000e+000	0.0000e+000
245	66	1.0208e+000	1.5925e+000	-2.2971e+000	2.6133e-001	0.0000e+000	0.0000e+000
	93	7.4872e-001	1.6247e+000	-2.2534e+000	2.3735e-001	0.0000e+000	0.0000e+000
	94	7.2313e-001	1.3944e+000	-2.1036e+000	2.1175e-001	0.0000e+000	0.0000e+000
	82	9.9401e-001	1.3516e+000	-2.1404e+000	2.3456e-001	0.0000e+000	0.0000e+000
246	65	9.6332e-001	1.7473e+000	-2.2573e+000	2.7107e-001	0.0000e+000	0.0000e+000
	92	7.3890e-001	1.7291e+000	-2.2741e+000	2.4680e-001	0.0000e+000	0.0000e+000
	93	7.3561e-001	1.6995e+000	-2.1532e+000	2.4351e-001	0.0000e+000	0.0000e+000
	66	9.5987e-001	1.7164e+000	-2.1309e+000	2.6762e-001	0.0000e+000	0.0000e+000

247	64	9.0296e-001	1.6617e+000	-2.0257e+000	2.5647e-001	0.0000e+000	0.0000e+000
	91	6.8961e-001	1.5862e+000	-2.1517e+000	2.2758e-001	0.0000e+000	0.0000e+000
	92	7.2150e-001	1.8732e+000	-2.0403e+000	2.5947e-001	0.0000e+000	0.0000e+000
	65	9.3631e-001	1.9619e+000	-1.9092e+000	2.8982e-001	0.0000e+000	0.0000e+000
248	62	9.3135e-001	1.2370e+000	-1.7756e+000	2.1684e-001	0.0000e+000	0.0000e+000
	90	6.7079e-001	1.1272e+000	-2.0136e+000	1.7980e-001	0.0000e+000	0.0000e+000
	91	7.3710e-001	1.7240e+000	-1.8787e+000	2.4611e-001	0.0000e+000	0.0000e+000
	64	1.0007e+000	1.8611e+000	-1.6344e+000	2.8618e-001	0.0000e+000	0.0000e+000
249	61	1.0360e+000	5.3492e-001	-1.6870e+000	1.5709e-001	0.0000e+000	0.0000e+000
	89	7.0829e-001	4.2789e-001	-1.9904e+000	1.1362e-001	0.0000e+000	0.0000e+000
	90	7.9515e-001	1.2097e+000	-1.8188e+000	2.0048e-001	0.0000e+000	0.0000e+000
	62	1.1268e+000	1.3525e+000	-1.5076e+000	2.4793e-001	0.0000e+000	0.0000e+000
250	60	1.1288e+000	-2.9386e-001	-1.8026e+000	8.3494e-002	0.0000e+000	0.0000e+000
	88	7.7292e-001	-3.7088e-001	-2.1165e+000	4.0203e-002	0.0000e+000	0.0000e+000
	89	8.6510e-001	4.5882e-001	-1.9277e+000	1.3239e-001	0.0000e+000	0.0000e+000
	61	1.2252e+000	5.7379e-001	-1.6052e+000	1.7990e-001	0.0000e+000	0.0000e+000
251	15	1.1519e+000	-1.1052e+000	-2.0490e+000	4.6734e-003	0.0000e+000	0.0000e+000
	16	8.1773e-001	-1.1423e+000	-2.3363e+000	-3.2457e-002	0.0000e+000	0.0000e+000
	88	9.0448e-001	-3.6162e-001	-2.1569e+000	5.4286e-002	0.0000e+000	0.0000e+000
	60	1.2426e+000	-2.8878e-001	-1.8614e+000	9.5384e-002	0.0000e+000	0.0000e+000
252	59	1.8040e-001	4.2087e-001	-3.2850e-001	6.0127e-002	0.0000e+000	0.0000e+000
	87	1.2741e-001	6.7870e-001	-1.7384e-001	8.0611e-002	0.0000e+000	0.0000e+000
	42	7.5827e-002	2.1444e-001	-1.3150e-001	2.9027e-002	0.0000e+000	0.0000e+000
	41	1.2634e-001	-6.5632e-002	-2.8412e-001	6.0708e-003	0.0000e+000	0.0000e+000
253	58	3.4060e-001	6.0624e-001	-6.0496e-001	9.4684e-002	0.0000e+000	0.0000e+000
	86	2.0627e-001	8.4651e-001	-4.6001e-001	1.0528e-001	0.0000e+000	0.0000e+000
	87	1.5181e-001	3.5641e-001	-3.7649e-001	5.0822e-002	0.0000e+000	0.0000e+000
	59	2.8353e-001	9.2648e-002	-5.1743e-001	3.7618e-002	0.0000e+000	0.0000e+000
254	57	5.7560e-001	7.3252e-001	-9.5340e-001	1.3081e-001	0.0000e+000	0.0000e+000
	85	3.6264e-001	9.2839e-001	-8.3292e-001	1.2910e-001	0.0000e+000	0.0000e+000
	86	3.1111e-001	4.6460e-001	-7.1117e-001	7.7571e-002	0.0000e+000	0.0000e+000
	58	5.2159e-001	2.4650e-001	-8.2582e-001	7.6809e-002	0.0000e+000	0.0000e+000
255	56	8.6777e-001	8.4389e-001	-1.3474e+000	1.7117e-001	0.0000e+000	0.0000e+000
	84	5.7425e-001	9.9282e-001	-1.2524e+000	1.5671e-001	0.0000e+000	0.0000e+000
	85	5.2690e-001	5.6668e-001	-1.0916e+000	1.0936e-001	0.0000e+000	0.0000e+000
	57	8.1815e-001	3.9732e-001	-1.1788e+000	1.2155e-001	0.0000e+000	0.0000e+000
256	55	1.1685e+000	1.0103e+000	-1.7661e+000	2.1788e-001	0.0000e+000	0.0000e+000
	83	8.0083e-001	1.1292e+000	-1.6792e+000	1.9300e-001	0.0000e+000	0.0000e+000
	84	7.5396e-001	7.0732e-001	-1.4816e+000	1.4613e-001	0.0000e+000	0.0000e+000
	56	1.1194e+000	5.6820e-001	-1.5591e+000	1.6876e-001	0.0000e+000	0.0000e+000
257	54	1.3995e+000	1.2992e+000	-2.1578e+000	2.6988e-001	0.0000e+000	0.0000e+000
	82	9.7529e-001	1.3976e+000	-2.0642e+000	2.3729e-001	0.0000e+000	0.0000e+000
	83	9.2649e-001	9.5843e-001	-1.8385e+000	1.8849e-001	0.0000e+000	0.0000e+000
	55	1.3484e+000	8.3900e-001	-1.9213e+000	2.1874e-001	0.0000e+000	0.0000e+000
258	80	1.4546e+000	1.6830e+000	-2.3913e+000	3.1376e-001	0.0000e+000	0.0000e+000
	66	1.0373e+000	1.7415e+000	-2.3121e+000	2.7788e-001	0.0000e+000	0.0000e+000
	82	9.9630e-001	1.3723e+000	-2.0923e+000	2.3686e-001	0.0000e+000	0.0000e+000
	54	1.4116e+000	1.2961e+000	-2.1609e+000	2.7077e-001	0.0000e+000	0.0000e+000
259	79	1.3667e+000	1.9562e+000	-2.3203e+000	3.3229e-001	0.0000e+000	0.0000e+000
	65	9.8346e-001	1.9287e+000	-2.3431e+000	2.9121e-001	0.0000e+000	0.0000e+000
	66	9.7642e-001	1.8653e+000	-2.1459e+000	2.8417e-001	0.0000e+000	0.0000e+000
	80	1.3593e+000	1.8898e+000	-2.1137e+000	3.2491e-001	0.0000e+000	0.0000e+000
260	78	1.2829e+000	1.8311e+000	-1.9781e+000	3.1140e-001	0.0000e+000	0.0000e+000
	64	9.0797e-001	1.7068e+000	-2.1823e+000	2.6148e-001	0.0000e+000	0.0000e+000
	65	9.5646e-001	2.1432e+000	-1.9950e+000	3.0997e-001	0.0000e+000	0.0000e+000
	79	1.3337e+000	2.2884e+000	-1.7818e+000	3.6221e-001	0.0000e+000	0.0000e+000
261	77	1.3539e+000	1.2383e+000	-1.6564e+000	2.5921e-001	0.0000e+000	0.0000e+000
	62	9.1285e-001	1.0706e+000	-2.0101e+000	1.9835e-001	0.0000e+000	0.0000e+000

	64	1.0057e+000	1.9061e+000	-1.7910e+000	2.9118e-001	0.0000e+000	0.0000e+000
	78	1.4511e+000	2.1138e+000	-1.4268e+000	3.5650e-001	0.0000e+000	0.0000e+000
262	76	1.4799e+000	3.7928e-001	-1.5922e+000	1.8592e-001	0.0000e+000	0.0000e+000
	61	1.0028e+000	2.3636e-001	-1.9813e+000	1.2392e-001	0.0000e+000	0.0000e+000
	62	1.1083e+000	1.1860e+000	-1.7421e+000	2.2943e-001	0.0000e+000	0.0000e+000
	77	1.5905e+000	1.3745e+000	-1.3415e+000	2.9650e-001	0.0000e+000	0.0000e+000
263	75	1.5357e+000	-5.1776e-001	-1.7718e+000	1.0179e-001	0.0000e+000	0.0000e+000
	60	1.0938e+000	-6.0870e-001	-2.1234e+000	4.8512e-002	0.0000e+000	0.0000e+000
	61	1.1920e+000	2.7523e-001	-1.8994e+000	1.4673e-001	0.0000e+000	0.0000e+000
	76	1.6386e+000	4.0853e-001	-1.5372e+000	2.0471e-001	0.0000e+000	0.0000e+000
264	12	1.4902e+000	-1.3161e+000	-2.0794e+000	1.7414e-002	0.0000e+000	0.0000e+000
	15	1.1239e+000	-1.3568e+000	-2.3698e+000	-2.3284e-002	0.0000e+000	0.0000e+000
	60	1.2076e+000	-6.0362e-001	-2.1822e+000	6.0402e-002	0.0000e+000	0.0000e+000
	75	1.5779e+000	-5.2682e-001	-1.8828e+000	1.0511e-001	0.0000e+000	0.0000e+000
265	74	2.0839e-001	3.3379e-001	-3.3062e-001	5.4218e-002	0.0000e+000	0.0000e+000
	59	1.9457e-001	5.4840e-001	-1.9513e-001	7.4297e-002	0.0000e+000	0.0000e+000
	41	1.5431e-001	1.8611e-001	-1.7653e-001	3.4042e-002	0.0000e+000	0.0000e+000
	18	1.6611e-001	-4.6748e-002	-3.1108e-001	1.1936e-002	0.0000e+000	0.0000e+000
266	72	4.4397e-001	4.1644e-001	-5.7690e-001	8.6041e-002	0.0000e+000	0.0000e+000
	58	3.4308e-001	6.2859e-001	-4.4553e-001	9.7167e-002	0.0000e+000	0.0000e+000
	59	2.9770e-001	2.2018e-001	-3.8407e-001	5.1788e-002	0.0000e+000	0.0000e+000
	74	3.9631e-001	-1.2534e-002	-5.1234e-001	3.8377e-002	0.0000e+000	0.0000e+000
267	71	7.5974e-001	4.8856e-001	-8.7800e-001	1.2483e-001	0.0000e+000	0.0000e+000
	57	5.6792e-001	6.6342e-001	-7.7072e-001	1.2313e-001	0.0000e+000	0.0000e+000
	58	5.2408e-001	2.6885e-001	-6.6639e-001	7.9293e-002	0.0000e+000	0.0000e+000
	72	7.1369e-001	7.4129e-002	-7.6842e-001	7.8782e-002	0.0000e+000	0.0000e+000
268	70	1.1583e+000	5.8427e-001	-1.2454e+000	1.7425e-001	0.0000e+000	0.0000e+000
	56	8.5519e-001	7.3069e-001	-1.1539e+000	1.5859e-001	0.0000e+000	0.0000e+000
	57	8.1047e-001	3.2823e-001	-9.9615e-001	1.1387e-001	0.0000e+000	0.0000e+000
	71	1.1113e+000	1.6155e-001	-1.0798e+000	1.2729e-001	0.0000e+000	0.0000e+000
269	69	1.6326e+000	7.9438e-001	-1.7024e+000	2.4270e-001	0.0000e+000	0.0000e+000
	55	1.1597e+000	9.3129e-001	-1.6065e+000	2.0910e-001	0.0000e+000	0.0000e+000
	56	1.1068e+000	4.5500e-001	-1.3655e+000	1.5618e-001	0.0000e+000	0.0000e+000
	70	1.5770e+000	2.9412e-001	-1.4492e+000	1.8711e-001	0.0000e+000	0.0000e+000
270	68	2.0118e+000	1.2130e+000	-2.2001e+000	3.2247e-001	0.0000e+000	0.0000e+000
	54	1.4053e+000	1.3514e+000	-2.0688e+000	2.7567e-001	0.0000e+000	0.0000e+000
	55	1.3396e+000	7.5999e-001	-1.7618e+000	2.0996e-001	0.0000e+000	0.0000e+000
	69	1.9427e+000	5.9177e-001	-1.8776e+000	2.5345e-001	0.0000e+000	0.0000e+000
271	67	2.1975e+000	1.8360e+000	-2.5577e+000	4.0335e-001	0.0000e+000	0.0000e+000
	80	1.4820e+000	1.9301e+000	-2.4304e+000	3.4121e-001	0.0000e+000	0.0000e+000
	54	1.4174e+000	1.3482e+000	-2.0719e+000	2.7657e-001	0.0000e+000	0.0000e+000
	68	2.1296e+000	1.2249e+000	-2.1812e+000	3.3544e-001	0.0000e+000	0.0000e+000
272	63	2.0044e+000	2.2677e+000	-2.4097e+000	4.2721e-001	0.0000e+000	0.0000e+000
	79	1.3961e+000	2.2209e+000	-2.4506e+000	3.6170e-001	0.0000e+000	0.0000e+000
	80	1.3868e+000	2.1369e+000	-2.1528e+000	3.5237e-001	0.0000e+000	0.0000e+000
	67	1.9946e+000	2.1794e+000	-2.0968e+000	4.1740e-001	0.0000e+000	0.0000e+000
273	39	1.9462e+000	2.0206e+000	-1.8588e+000	3.9668e-001	0.0000e+000	0.0000e+000
	78	1.2790e+000	1.7959e+000	-2.2293e+000	3.0749e-001	0.0000e+000	0.0000e+000
	79	1.3631e+000	2.5531e+000	-1.9122e+000	3.9162e-001	0.0000e+000	0.0000e+000
	63	2.0346e+000	2.8160e+000	-1.5257e+000	4.8505e-001	0.0000e+000	0.0000e+000
274	38	2.0204e+000	1.1764e+000	-1.4938e+000	3.1968e-001	0.0000e+000	0.0000e+000
	77	1.3192e+000	9.2663e-001	-2.0106e+000	2.2459e-001	0.0000e+000	0.0000e+000
	78	1.4472e+000	2.0787e+000	-1.6780e+000	3.5259e-001	0.0000e+000	0.0000e+000
	39	2.1548e+000	2.3864e+000	-1.1445e+000	4.5412e-001	0.0000e+000	0.0000e+000
275	37	2.0553e+000	1.4796e-001	-1.5201e+000	2.2032e-001	0.0000e+000	0.0000e+000
	76	1.4345e+000	-2.9649e-002	-1.9925e+000	1.4049e-001	0.0000e+000	0.0000e+000
	77	1.5559e+000	1.0628e+000	-1.6957e+000	2.6187e-001	0.0000e+000	0.0000e+000
	38	2.1828e+000	1.2954e+000	-1.2084e+000	3.4782e-001	0.0000e+000	0.0000e+000

276	36	1.9836e+000	-8.0515e-001	-1.7963e+000	1.1785e-001	0.0000e+000	0.0000e+000
	75	1.4927e+000	-9.0465e-001	-2.1744e+000	5.8802e-002	0.0000e+000	0.0000e+000
	76	1.5931e+000	-4.0308e-004	-1.9374e+000	1.5927e-001	0.0000e+000	0.0000e+000
	37	2.0891e+000	1.4462e-001	-1.5473e+000	2.2338e-001	0.0000e+000	0.0000e+000
277	11	1.8124e+000	-1.5790e+000	-2.1734e+000	2.3335e-002	0.0000e+000	0.0000e+000
	12	1.4566e+000	-1.6186e+000	-2.4589e+000	-1.6194e-002	0.0000e+000	0.0000e+000
	75	1.5349e+000	-9.1371e-001	-2.2854e+000	6.2122e-002	0.0000e+000	0.0000e+000
	36	1.8946e+000	-8.3870e-001	-1.9912e+000	1.0559e-001	0.0000e+000	0.0000e+000
278	35	1.7238e-001	1.9833e-001	-2.6145e-001	3.7071e-002	0.0000e+000	0.0000e+000
	74	2.1748e-001	4.1560e-001	-1.0151e-001	6.3308e-002	0.0000e+000	0.0000e+000
	18	1.8010e-001	7.9161e-002	-1.1067e-001	2.5926e-002	0.0000e+000	0.0000e+000
	73	1.3302e-001	-1.5594e-001	-2.7106e-001	-2.2915e-003	0.0000e+000	0.0000e+000
279	32	4.6334e-001	2.2740e-001	-4.3795e-001	6.9074e-002	0.0000e+000	0.0000e+000
	72	4.4278e-001	4.0574e-001	-3.0525e-001	8.4852e-002	0.0000e+000	0.0000e+000
	74	4.0808e-001	9.3419e-002	-2.8762e-001	5.0150e-002	0.0000e+000	0.0000e+000
	35	4.2679e-001	-1.0148e-001	-4.1935e-001	3.2532e-002	0.0000e+000	0.0000e+000
280	30	8.4313e-001	2.5082e-001	-6.7212e-001	1.0940e-001	0.0000e+000	0.0000e+000
	71	7.5100e-001	4.0992e-001	-5.5020e-001	1.1609e-001	0.0000e+000	0.0000e+000
	72	7.1521e-001	8.7839e-002	-5.0223e-001	8.0305e-002	0.0000e+000	0.0000e+000
	32	8.0543e-001	-8.8342e-002	-6.2159e-001	7.1709e-002	0.0000e+000	0.0000e+000
281	27	1.3779e+000	3.1372e-001	-9.7211e-001	1.6916e-001	0.0000e+000	0.0000e+000
	70	1.1434e+000	4.5005e-001	-8.6726e-001	1.5934e-001	0.0000e+000	0.0000e+000
	71	1.1052e+000	1.0686e-001	-7.5818e-001	1.2121e-001	0.0000e+000	0.0000e+000
	30	1.3377e+000	-4.7689e-002	-8.5721e-001	1.2900e-001	0.0000e+000	0.0000e+000
282	25	2.1177e+000	4.7077e-001	-1.3919e+000	2.5885e-001	0.0000e+000	0.0000e+000
	69	1.6091e+000	5.8297e-001	-1.3053e+000	2.1921e-001	0.0000e+000	0.0000e+000
	70	1.5645e+000	1.8186e-001	-1.0776e+000	1.7464e-001	0.0000e+000	0.0000e+000
	27	2.0707e+000	4.8364e-002	-1.1521e+000	2.1190e-001	0.0000e+000	0.0000e+000
283	23	3.2421e+000	1.0619e+000	-2.2103e+000	4.3040e-001	0.0000e+000	0.0000e+000
	68	2.0141e+000	1.2339e+000	-2.0298e+000	3.2480e-001	0.0000e+000	0.0000e+000
	69	1.9210e+000	3.9579e-001	-1.4848e+000	2.3168e-001	0.0000e+000	0.0000e+000
	25	3.1438e+000	1.7926e-001	-1.6362e+000	3.3231e-001	0.0000e+000	0.0000e+000
284	21	3.4115e+000	2.0847e+000	-2.8394e+000	5.4962e-001	0.0000e+000	0.0000e+000
	67	2.2470e+000	2.2823e+000	-2.5308e+000	4.5293e-001	0.0000e+000	0.0000e+000
	68	2.1319e+000	1.2459e+000	-2.0122e+000	3.3778e-001	0.0000e+000	0.0000e+000
	23	3.2900e+000	9.9331e-001	-2.2931e+000	4.2833e-001	0.0000e+000	0.0000e+000
285	19	3.6140e+000	2.7910e+000	-2.5743e+000	6.4050e-001	0.0000e+000	0.0000e+000
	63	2.0438e+000	2.6218e+000	-2.7459e+000	4.6655e-001	0.0000e+000	0.0000e+000
	67	2.0416e+000	2.6020e+000	-2.0676e+000	4.6436e-001	0.0000e+000	0.0000e+000
	21	3.6114e+000	2.7702e+000	-1.8601e+000	6.3816e-001	0.0000e+000	0.0000e+000
286	14	3.1960e+000	2.1799e+000	-1.6501e+000	5.3759e-001	0.0000e+000	0.0000e+000
	39	1.9156e+000	1.7454e+000	-2.4004e+000	3.6610e-001	0.0000e+000	0.0000e+000
	63	2.0700e+000	3.1349e+000	-1.8616e+000	5.2049e-001	0.0000e+000	0.0000e+000
	19	3.3584e+000	3.6432e+000	-1.0828e+000	7.0015e-001	0.0000e+000	0.0000e+000
287	53	2.9673e+000	1.0028e+000	-1.3918e+000	3.9701e-001	0.0000e+000	0.0000e+000
	38	1.9638e+000	6.6693e-001	-2.1097e+000	2.6307e-001	0.0000e+000	0.0000e+000
	39	2.1218e+000	2.0891e+000	-1.6871e+000	4.2109e-001	0.0000e+000	0.0000e+000
	14	3.1336e+000	2.5005e+000	-9.4689e-001	5.6341e-001	0.0000e+000	0.0000e+000
288	51	2.6793e+000	-1.8344e-001	-1.5525e+000	2.4959e-001	0.0000e+000	0.0000e+000
	37	1.9965e+000	-3.8138e-001	-2.1140e+000	1.6151e-001	0.0000e+000	0.0000e+000
	38	2.1254e+000	7.7949e-001	-1.8250e+000	2.9049e-001	0.0000e+000	0.0000e+000
	53	2.8150e+000	1.0392e+000	-1.2481e+000	3.8542e-001	0.0000e+000	0.0000e+000
289	49	2.3722e+000	-1.1797e+000	-1.9120e+000	1.1925e-001	0.0000e+000	0.0000e+000
	36	1.9313e+000	-1.2756e+000	-2.3295e+000	6.5575e-002	0.0000e+000	0.0000e+000
	37	2.0304e+000	-3.8426e-001	-2.1413e+000	1.6461e-001	0.0000e+000	0.0000e+000
	51	2.4764e+000	-2.4100e-001	-1.7139e+000	2.2354e-001	0.0000e+000	0.0000e+000
290	81	2.0755e+000	-1.9014e+000	-2.3683e+000	1.7406e-002	0.0000e+000	0.0000e+000
	11	1.7728e+000	-1.9351e+000	-2.6551e+000	-1.6223e-002	0.0000e+000	0.0000e+000

	36	1.8425e+000	-1.3076e+000	-2.5243e+000	5.3491e-002	0.0000e+000	0.0000e+000
	49	2.1489e+000	-1.2406e+000	-2.2306e+000	9.0823e-002	0.0000e+000	0.0000e+000
291	33	3.6438e-002	1.0355e-001	-8.2524e-002	1.3999e-002	0.0000e+000	0.0000e+000
	35	1.8144e-001	2.8104e-001	7.3201e-002	4.6248e-002	0.0000e+000	0.0000e+000
	73	1.5319e-001	2.6635e-002	2.1070e-002	1.7983e-002	0.0000e+000	0.0000e+000
	8	6.6515e-003	-1.6453e-001	-1.3748e-001	-1.5788e-002	0.0000e+000	0.0000e+000
292	31	2.3055e-001	8.6402e-002	-1.8619e-001	3.1695e-002	0.0000e+000	0.0000e+000
	32	4.6863e-001	2.7652e-001	2.2327e-003	7.4515e-002	0.0000e+000	0.0000e+000
	35	4.3739e-001	-4.9557e-003	-8.8042e-002	4.3243e-002	0.0000e+000	0.0000e+000
	33	1.9759e-001	-2.1021e-001	-2.8134e-001	-1.2614e-003	0.0000e+000	0.0000e+000
293	29	6.2953e-001	8.5605e-002	-2.8399e-001	7.1514e-002	0.0000e+000	0.0000e+000
	30	8.4385e-001	2.5925e-001	-1.0432e-001	1.1031e-001	0.0000e+000	0.0000e+000
	32	8.1238e-001	-2.4205e-002	-1.8545e-001	7.8818e-002	0.0000e+000	0.0000e+000
	31	5.9634e-001	-2.1308e-001	-3.6950e-001	3.8326e-002	0.0000e+000	0.0000e+000
294	26	1.2393e+000	1.0304e-001	-3.9977e-001	1.3423e-001	0.0000e+000	0.0000e+000
	27	1.3701e+000	2.4617e-001	-2.4680e-001	1.6163e-001	0.0000e+000	0.0000e+000
	30	1.3401e+000	-2.4138e-002	-2.9459e-001	1.3159e-001	0.0000e+000	0.0000e+000
	29	1.2076e+000	-1.8178e-001	-4.5014e-001	1.0258e-001	0.0000e+000	0.0000e+000
295	24	2.1712e+000	1.8967e-001	-6.0863e-001	2.3608e-001	0.0000e+000	0.0000e+000
	25	2.1004e+000	3.1826e-001	-4.6864e-001	2.4187e-001	0.0000e+000	0.0000e+000
	27	2.0645e+000	-4.4262e-003	-4.3323e-001	2.0601e-001	0.0000e+000	0.0000e+000
	26	2.1334e+000	-1.5033e-001	-5.7134e-001	1.9831e-001	0.0000e+000	0.0000e+000
296	22	3.6175e+000	1.9881e-001	-9.2207e-001	3.8163e-001	0.0000e+000	0.0000e+000
	23	3.1466e+000	2.0646e-001	-9.1763e-001	3.3530e-001	0.0000e+000	0.0000e+000
	25	3.1285e+000	4.4362e-002	-7.2140e-001	3.1728e-001	0.0000e+000	0.0000e+000
	24	3.5985e+000	2.8023e-002	-7.1531e-001	3.6265e-001	0.0000e+000	0.0000e+000
297	20	8.9580e+000	2.3366e+000	-3.6745e+000	1.1295e+000	0.0000e+000	0.0000e+000
	21	3.5109e+000	2.9758e+000	-3.8059e+000	6.4867e-001	0.0000e+000	0.0000e+000
	23	3.1948e+000	1.4110e-001	-1.0009e+000	3.3359e-001	0.0000e+000	0.0000e+000
	22	8.6865e+000	-1.0712e-001	-1.2565e+000	8.5794e-001	0.0000e+000	0.0000e+000
298	17	6.5779e+000	3.5452e+000	-2.6204e+000	1.0123e+000	0.0000e+000	0.0000e+000
	19	3.6124e+000	2.7727e+000	-3.7471e+000	6.3851e-001	0.0000e+000	0.0000e+000
	21	3.7569e+000	4.0764e+000	-2.8159e+000	7.8333e-001	0.0000e+000	0.0000e+000
	20	6.7742e+000	5.3115e+000	-1.3588e+000	1.2086e+000	0.0000e+000	0.0000e+000
299	13	4.6419e+000	2.1943e+000	-1.7742e+000	6.8363e-001	0.0000e+000	0.0000e+000
	14	3.1330e+000	1.6087e+000	-2.8539e+000	4.7417e-001	0.0000e+000	0.0000e+000
	19	3.3524e+000	3.5857e+000	-2.2538e+000	6.9381e-001	0.0000e+000	0.0000e+000
	17	4.8734e+000	4.2774e+000	-1.1418e+000	9.1508e-001	0.0000e+000	0.0000e+000
300	52	3.4795e+000	6.9187e-001	-1.6046e+000	4.1713e-001	0.0000e+000	0.0000e+000
	53	2.8870e+000	2.7623e-001	-2.3933e+000	3.1632e-001	0.0000e+000	0.0000e+000
	14	3.0690e+000	1.9146e+000	-2.1503e+000	4.9836e-001	0.0000e+000	0.0000e+000
	13	3.6585e+000	2.3037e+000	-1.3654e+000	5.9622e-001	0.0000e+000	0.0000e+000
301	50	2.8965e+000	-5.8856e-001	-1.7863e+000	2.3079e-001	0.0000e+000	0.0000e+000
	51	2.6176e+000	-7.4186e-001	-2.3548e+000	1.8757e-001	0.0000e+000	0.0000e+000
	53	2.7370e+000	3.3303e-001	-2.2537e+000	3.0700e-001	0.0000e+000	0.0000e+000
	52	3.0319e+000	6.3046e-001	-1.6716e+000	3.6624e-001	0.0000e+000	0.0000e+000
302	48	2.5955e+000	-1.6880e+000	-2.1570e+000	9.0748e-002	0.0000e+000	0.0000e+000
	49	2.3067e+000	-1.7716e+000	-2.6319e+000	5.3516e-002	0.0000e+000	0.0000e+000
	51	2.4149e+000	-7.9784e-001	-2.5158e+000	1.6170e-001	0.0000e+000	0.0000e+000
	50	2.7095e+000	-6.6214e-001	-2.0346e+000	2.0473e-001	0.0000e+000	0.0000e+000
303	9	2.0485e+000	-2.2618e+000	-2.7473e+000	-2.1330e-002	0.0000e+000	0.0000e+000
	81	2.0355e+000	-2.2632e+000	-2.9555e+000	-2.2770e-002	0.0000e+000	0.0000e+000
	49	2.0836e+000	-1.8308e+000	-2.9502e+000	2.5277e-002	0.0000e+000	0.0000e+000
	48	2.0991e+000	-1.8062e+000	-2.7417e+000	2.9289e-002	0.0000e+000	0.0000e+000
304	514	1.8709e+000	-2.4391e+000	-3.1914e+000	-5.6821e-002	0.0000e+000	0.0000e+000
	9	2.0183e+000	-2.5331e+000	-3.2887e+000	-5.1482e-002	0.0000e+000	0.0000e+000
	48	2.0743e+000	-2.0293e+000	-3.4156e+000	4.5041e-003	0.0000e+000	0.0000e+000
	515	1.9110e+000	-2.0783e+000	-3.2822e+000	-1.6731e-002	0.0000e+000	0.0000e+000

305	517	3.4276e+000	2.1593e+000	-2.5604e+000	5.5869e-001	0.0000e+000	0.0000e+000
	13	4.6205e+000	2.0013e+000	-3.3273e+000	6.6217e-001	0.0000e+000	0.0000e+000
	17	5.0000e+000	5.4173e+000	-4.2995e+000	1.0417e+000	0.0000e+000	0.0000e+000
	518	3.6994e+000	4.6054e+000	-3.2566e+000	8.3048e-001	0.0000e+000	0.0000e+000
306	516	2.9943e+000	1.7789e-001	-1.9934e+000	3.1722e-001	0.0000e+000	0.0000e+000
	52	3.3321e+000	-6.3458e-001	-2.5549e+000	2.6975e-001	0.0000e+000	0.0000e+000
	13	3.6316e+000	2.0613e+000	-2.8988e+000	5.6929e-001	0.0000e+000	0.0000e+000
	517	3.2240e+000	2.2454e+000	-2.2571e+000	5.4694e-001	0.0000e+000	0.0000e+000
307	518	6.9563e+000	6.9506e+000	-6.2605e+000	1.3907e+000	0.0000e+000	0.0000e+000
	17	6.9563e+000	6.9506e+000	-6.2605e+000	1.3907e+000	0.0000e+000	0.0000e+000
	20	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
308	516	2.8824e+000	-7.1568e-001	-2.6925e+000	2.1667e-001	0.0000e+000	0.0000e+000
	50	2.8824e+000	-7.1568e-001	-2.6925e+000	2.1667e-001	0.0000e+000	0.0000e+000
	52	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
309	515	2.6503e+000	-9.9807e-001	-2.4498e+000	1.6522e-001	0.0000e+000	0.0000e+000
	50	2.6503e+000	-9.9807e-001	-2.4498e+000	1.6522e-001	0.0000e+000	0.0000e+000
	516	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
310	515	2.5477e+000	-2.1180e+000	-2.8656e+000	4.2973e-002	0.0000e+000	0.0000e+000
	48	2.5477e+000	-2.1180e+000	-2.8656e+000	4.2973e-002	0.0000e+000	0.0000e+000
	50	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
311	513	1.0624e+000	-2.6163e+000	-3.7143e+000	-1.5539e-001	0.0000e+000	0.0000e+000
	47	1.5685e+000	-2.4045e+000	-3.4625e+000	-8.3604e-002	0.0000e+000	0.0000e+000
	9	1.5010e+000	-3.0118e+000	-3.8501e+000	-1.5109e-001	0.0000e+000	0.0000e+000
	514	9.9742e-001	-3.2009e+000	-4.0873e+000	-2.2034e-001	0.0000e+000	0.0000e+000
312	512	4.0587e-001	-2.7059e+000	-3.8619e+000	-2.3000e-001	0.0000e+000	0.0000e+000
	46	9.2752e-001	-2.5490e+000	-3.6607e+000	-1.6215e-001	0.0000e+000	0.0000e+000
	47	8.8101e-001	-2.9675e+000	-4.0657e+000	-2.0865e-001	0.0000e+000	0.0000e+000
	513	3.5844e-001	-3.1328e+000	-4.2749e+000	-2.7743e-001	0.0000e+000	0.0000e+000
313	511	4.2525e-002	-2.7604e+000	-3.8044e+000	-2.7179e-001	0.0000e+000	0.0000e+000
	529	4.6011e-001	-2.6745e+000	-3.6871e+000	-2.2144e-001	0.0000e+000	0.0000e+000
	46	4.3987e-001	-2.8566e+000	-4.0148e+000	-2.4168e-001	0.0000e+000	0.0000e+000
	512	2.1883e-002	-2.9462e+000	-4.1387e+000	-2.9243e-001	0.0000e+000	0.0000e+000
314	510	-1.2964e-001	-2.8216e+000	-3.6682e+000	-2.9512e-001	0.0000e+000	0.0000e+000
	528	1.8143e-001	-2.7806e+000	-3.6110e+000	-2.5992e-001	0.0000e+000	0.0000e+000
	529	1.7784e-001	-2.8130e+000	-3.8572e+000	-2.6352e-001	0.0000e+000	0.0000e+000
	511	-1.3331e-001	-2.8546e+000	-3.9193e+000	-2.9879e-001	0.0000e+000	0.0000e+000
315	509	-2.0913e-001	-2.8865e+000	-3.4909e+000	-3.0956e-001	0.0000e+000	0.0000e+000
	527	2.9081e-002	-2.8692e+000	-3.4697e+000	-2.8401e-001	0.0000e+000	0.0000e+000
	528	3.4853e-002	-2.8173e+000	-3.6595e+000	-2.7824e-001	0.0000e+000	0.0000e+000
	510	-2.0324e-001	-2.8335e+000	-3.6845e+000	-3.0367e-001	0.0000e+000	0.0000e+000
316	508	-2.3627e-001	-2.9523e+000	-3.2689e+000	-3.1886e-001	0.0000e+000	0.0000e+000
	526	-4.3739e-002	-2.9483e+000	-3.2717e+000	-2.9921e-001	0.0000e+000	0.0000e+000
	527	-3.1498e-002	-2.8382e+000	-3.4259e+000	-2.8697e-001	0.0000e+000	0.0000e+000
	509	-2.2378e-001	-2.8400e+000	-3.4262e+000	-3.0638e-001	0.0000e+000	0.0000e+000
317	507	-2.2391e-001	-3.0169e+000	-2.9964e+000	-3.2408e-001	0.0000e+000	0.0000e+000
	525	-6.0323e-002	-3.0195e+000	-3.0156e+000	-3.0798e-001	0.0000e+000	0.0000e+000
	526	-4.3583e-002	-2.8688e+000	-3.1472e+000	-2.9124e-001	0.0000e+000	0.0000e+000
	508	-2.0684e-001	-2.8632e+000	-3.1307e+000	-3.0700e-001	0.0000e+000	0.0000e+000
318	506	-1.8161e-001	-3.0710e+000	-2.6740e+000	-3.2526e-001	0.0000e+000	0.0000e+000
	524	-3.6385e-002	-3.0747e+000	-2.7016e+000	-3.1110e-001	0.0000e+000	0.0000e+000
	525	-1.7812e-002	-2.9075e+000	-2.8186e+000	-2.9253e-001	0.0000e+000	0.0000e+000
	507	-1.6267e-001	-2.9005e+000	-2.7933e+000	-3.0632e-001	0.0000e+000	0.0000e+000
319	505	-1.2322e-001	-3.0982e+000	-2.3080e+000	-3.2214e-001	0.0000e+000	0.0000e+000
	523	9.8102e-003	-3.0983e+000	-2.3351e+000	-3.0885e-001	0.0000e+000	0.0000e+000
	524	2.6673e-002	-2.9466e+000	-2.4420e+000	-2.9199e-001	0.0000e+000	0.0000e+000
	506	-1.0602e-001	-2.9434e+000	-2.4170e+000	-3.0494e-001	0.0000e+000	0.0000e+000
320	504	-6.5577e-002	-3.0800e+000	-1.9104e+000	-3.1456e-001	0.0000e+000	0.0000e+000
	522	5.6103e-002	-3.0747e+000	-1.9285e+000	-3.0186e-001	0.0000e+000	0.0000e+000

	523	6.7633e-002	-2.9709e+000	-2.0257e+000	-2.9033e-001	0.0000e+000	0.0000e+000
	505	-5.3817e-002	-2.9742e+000	-2.0096e+000	-3.0280e-001	0.0000e+000	0.0000e+000
321	503	-2.3544e-002	-3.0077e+000	-1.4977e+000	-3.0313e-001	0.0000e+000	0.0000e+000
	521	8.1826e-002	-2.9981e+000	-1.5014e+000	-2.9163e-001	0.0000e+000	0.0000e+000
	522	8.5718e-002	-2.9631e+000	-1.5852e+000	-2.8773e-001	0.0000e+000	0.0000e+000
	504	-1.9574e-002	-2.9720e+000	-1.5832e+000	-2.9916e-001	0.0000e+000	0.0000e+000
322	502	-4.3692e-003	-2.8927e+000	-1.0846e+000	-2.8971e-001	0.0000e+000	0.0000e+000
	520	7.7096e-002	-2.8824e+000	-1.0745e+000	-2.8053e-001	0.0000e+000	0.0000e+000
	521	7.3728e-002	-2.9127e+000	-1.1390e+000	-2.8390e-001	0.0000e+000	0.0000e+000
	503	-7.8041e-003	-2.9236e+000	-1.1504e+000	-2.9314e-001	0.0000e+000	0.0000e+000
323	501	-4.5865e-003	-2.7672e+000	-6.7188e-001	-2.7718e-001	0.0000e+000	0.0000e+000
	519	5.0380e-002	-2.7598e+000	-6.5441e-001	-2.7094e-001	0.0000e+000	0.0000e+000
	520	4.2975e-002	-2.8264e+000	-6.9790e-001	-2.7834e-001	0.0000e+000	0.0000e+000
	502	-1.2140e-002	-2.8352e+000	-7.1623e-001	-2.8473e-001	0.0000e+000	0.0000e+000
324	500	-1.3362e-002	-2.6677e+000	-2.3257e-001	-2.6810e-001	0.0000e+000	0.0000e+000
	178	2.7019e-002	-2.6632e+000	-2.1569e-001	-2.6362e-001	0.0000e+000	0.0000e+000
	519	1.9485e-002	-2.7310e+000	-2.4772e-001	-2.7115e-001	0.0000e+000	0.0000e+000
	501	-2.1045e-002	-2.7368e+000	-2.6524e-001	-2.7579e-001	0.0000e+000	0.0000e+000
325	498	2.2949e+000	2.3835e+000	-2.4416e+000	4.6783e-001	0.0000e+000	0.0000e+000
	517	3.2929e+000	9.4681e-001	-3.2765e+000	4.2397e-001	0.0000e+000	0.0000e+000
	518	3.7959e+000	5.4742e+000	-4.1878e+000	9.2702e-001	0.0000e+000	0.0000e+000
	499	2.8082e+000	7.0031e+000	-3.3714e+000	9.8112e-001	0.0000e+000	0.0000e+000
326	497	2.5234e+000	-3.5874e-001	-2.1694e+000	2.1646e-001	0.0000e+000	0.0000e+000
	516	2.8502e+000	-1.1186e+000	-2.6927e+000	1.7317e-001	0.0000e+000	0.0000e+000
	517	3.1252e+000	1.3561e+000	-3.0165e+000	4.4813e-001	0.0000e+000	0.0000e+000
	498	2.8039e+000	2.1663e+000	-2.4998e+000	4.9702e-001	0.0000e+000	0.0000e+000
327	496	2.1504e+000	-2.0445e+000	-2.9711e+000	1.0595e-002	0.0000e+000	0.0000e+000
	515	2.5287e+000	-2.0920e+000	-2.9544e+000	4.3671e-002	0.0000e+000	0.0000e+000
	516	2.5617e+000	-1.7950e+000	-3.2563e+000	7.6673e-002	0.0000e+000	0.0000e+000
	497	2.1841e+000	-1.7414e+000	-3.2792e+000	4.4268e-002	0.0000e+000	0.0000e+000
328	495	1.2083e+000	-2.6021e+000	-3.8597e+000	-1.3938e-001	0.0000e+000	0.0000e+000
	514	1.8912e+000	-2.2566e+000	-3.4718e+000	-3.6540e-002	0.0000e+000	0.0000e+000
	515	1.7847e+000	-3.2144e+000	-3.9791e+000	-1.4297e-001	0.0000e+000	0.0000e+000
	496	1.0997e+000	-3.5794e+000	-4.3774e+000	-2.4798e-001	0.0000e+000	0.0000e+000
329	494	2.6826e-001	-2.6612e+000	-4.1616e+000	-2.3930e-001	0.0000e+000	0.0000e+000
	513	1.0921e+000	-2.3492e+000	-3.7829e+000	-1.2572e-001	0.0000e+000	0.0000e+000
	514	9.9834e-001	-3.1926e+000	-4.4041e+000	-2.1943e-001	0.0000e+000	0.0000e+000
	495	1.7263e-001	-3.5218e+000	-4.7954e+000	-3.3492e-001	0.0000e+000	0.0000e+000
330	493	-2.2719e-001	-2.6334e+000	-4.0645e+000	-2.8606e-001	0.0000e+000	0.0000e+000
	512	4.3288e-001	-2.4628e+000	-3.8389e+000	-2.0299e-001	0.0000e+000	0.0000e+000
	513	3.8812e-001	-2.8657e+000	-4.3436e+000	-2.4775e-001	0.0000e+000	0.0000e+000
	494	-2.7286e-001	-3.0444e+000	-4.5795e+000	-3.3173e-001	0.0000e+000	0.0000e+000
331	492	-3.9131e-001	-2.6560e+000	-3.8754e+000	-3.0473e-001	0.0000e+000	0.0000e+000
	511	6.2808e-002	-2.5778e+000	-3.7650e+000	-2.5150e-001	0.0000e+000	0.0000e+000
	512	4.8892e-002	-2.7031e+000	-4.1157e+000	-2.6542e-001	0.0000e+000	0.0000e+000
	493	-4.0551e-001	-2.7838e+000	-4.2331e+000	-3.1893e-001	0.0000e+000	0.0000e+000
332	491	-4.3552e-001	-2.6982e+000	-3.6827e+000	-3.1337e-001	0.0000e+000	0.0000e+000
	510	-1.1166e-001	-2.6598e+000	-3.6284e+000	-2.7714e-001	0.0000e+000	0.0000e+000
	511	-1.1303e-001	-2.6721e+000	-3.8800e+000	-2.7851e-001	0.0000e+000	0.0000e+000
	492	-4.3691e-001	-2.7108e+000	-3.9394e+000	-3.1477e-001	0.0000e+000	0.0000e+000
333	490	-4.4209e-001	-2.7394e+000	-3.4720e+000	-3.1815e-001	0.0000e+000	0.0000e+000
	509	-1.9067e-001	-2.7203e+000	-3.4484e+000	-2.9110e-001	0.0000e+000	0.0000e+000
	510	-1.8526e-001	-2.6716e+000	-3.6447e+000	-2.8569e-001	0.0000e+000	0.0000e+000
	491	-4.3657e-001	-2.6898e+000	-3.6723e+000	-3.1264e-001	0.0000e+000	0.0000e+000
334	489	-4.2350e-001	-2.7775e+000	-3.2231e+000	-3.2010e-001	0.0000e+000	0.0000e+000
	508	-2.1600e-001	-2.7699e+000	-3.2211e+000	-2.9859e-001	0.0000e+000	0.0000e+000
	509	-2.0532e-001	-2.6738e+000	-3.3837e+000	-2.8792e-001	0.0000e+000	0.0000e+000
	490	-4.1261e-001	-2.6795e+000	-3.3891e+000	-3.0921e-001	0.0000e+000	0.0000e+000

335	488	-3.7829e-001	-2.8132e+000	-2.9301e+000	-3.1915e-001	0.0000e+000	0.0000e+000
	507	-2.0115e-001	-2.8120e+000	-2.9436e+000	-3.0132e-001	0.0000e+000	0.0000e+000
	508	-1.8657e-001	-2.6808e+000	-3.0829e+000	-2.8674e-001	0.0000e+000	0.0000e+000
	489	-3.6341e-001	-2.6793e+000	-3.0723e+000	-3.0427e-001	0.0000e+000	0.0000e+000
336	487	-3.1042e-001	-2.8401e+000	-2.5970e+000	-3.1505e-001	0.0000e+000	0.0000e+000
	506	-1.5599e-001	-2.8404e+000	-2.6189e+000	-2.9964e-001	0.0000e+000	0.0000e+000
	507	-1.3991e-001	-2.6957e+000	-2.7405e+000	-2.8356e-001	0.0000e+000	0.0000e+000
	488	-2.9401e-001	-2.6924e+000	-2.7210e+000	-2.9865e-001	0.0000e+000	0.0000e+000
337	486	-2.3095e-001	-2.8449e+000	-2.2327e+000	-3.0759e-001	0.0000e+000	0.0000e+000
	505	-9.4852e-002	-2.8429e+000	-2.2549e+000	-2.9377e-001	0.0000e+000	0.0000e+000
	506	-8.0394e-002	-2.7127e+000	-2.3618e+000	-2.7931e-001	0.0000e+000	0.0000e+000
	487	-2.1620e-001	-2.7121e+000	-2.3418e+000	-2.9283e-001	0.0000e+000	0.0000e+000
338	485	-1.5377e-001	-2.8136e+000	-1.8488e+000	-2.9674e-001	0.0000e+000	0.0000e+000
	504	-3.5308e-002	-2.8076e+000	-1.8638e+000	-2.8429e-001	0.0000e+000	0.0000e+000
	505	-2.5450e-002	-2.7189e+000	-1.9565e+000	-2.7443e-001	0.0000e+000	0.0000e+000
	486	-1.4371e-001	-2.7231e+000	-1.9434e+000	-2.8668e-001	0.0000e+000	0.0000e+000
339	484	-9.0687e-002	-2.7393e+000	-1.4571e+000	-2.8300e-001	0.0000e+000	0.0000e+000
	503	7.2862e-003	-2.7303e+000	-1.4602e+000	-2.7230e-001	0.0000e+000	0.0000e+000
	504	1.0695e-002	-2.6996e+000	-1.5365e+000	-2.6889e-001	0.0000e+000	0.0000e+000
	485	-8.7209e-002	-2.7080e+000	-1.5350e+000	-2.7952e-001	0.0000e+000	0.0000e+000
340	483	-4.7826e-002	-2.6278e+000	-1.0649e+000	-2.6756e-001	0.0000e+000	0.0000e+000
	502	2.6098e-002	-2.6185e+000	-1.0555e+000	-2.5924e-001	0.0000e+000	0.0000e+000
	503	2.3027e-002	-2.6461e+000	-1.1129e+000	-2.6231e-001	0.0000e+000	0.0000e+000
	484	-5.0959e-002	-2.6560e+000	-1.1234e+000	-2.7070e-001	0.0000e+000	0.0000e+000
341	482	-2.4642e-002	-2.4956e+000	-6.6681e-001	-2.5203e-001	0.0000e+000	0.0000e+000
	501	2.6377e-002	-2.4885e+000	-6.4760e-001	-2.4621e-001	0.0000e+000	0.0000e+000
	502	1.8327e-002	-2.5610e+000	-6.8714e-001	-2.5426e-001	0.0000e+000	0.0000e+000
	483	-3.2856e-002	-2.5696e+000	-7.0716e-001	-2.6024e-001	0.0000e+000	0.0000e+000
342	481	-1.6355e-002	-2.3605e+000	-2.3761e-001	-2.3769e-001	0.0000e+000	0.0000e+000
	500	2.1226e-002	-2.3564e+000	-2.1175e-001	-2.3351e-001	0.0000e+000	0.0000e+000
	501	9.9185e-003	-2.4581e+000	-2.4097e-001	-2.4482e-001	0.0000e+000	0.0000e+000
	482	-2.7892e-002	-2.4644e+000	-2.6742e-001	-2.4923e-001	0.0000e+000	0.0000e+000
343	479	1.8524e+000	1.6900e+000	-2.0796e+000	3.5424e-001	0.0000e+000	0.0000e+000
	498	2.0511e+000	1.8942e-001	-3.1119e+000	2.2405e-001	0.0000e+000	0.0000e+000
	499	2.5360e+000	4.5534e+000	-3.3936e+000	7.0893e-001	0.0000e+000	0.0000e+000
	480	2.3474e+000	6.1446e+000	-2.3673e+000	8.4920e-001	0.0000e+000	0.0000e+000
344	478	2.0343e+000	-1.3392e+000	-2.4814e+000	6.9506e-002	0.0000e+000	0.0000e+000
	497	2.3489e+000	-1.9284e+000	-2.8769e+000	4.2051e-002	0.0000e+000	0.0000e+000
	498	2.5601e+000	-2.7736e-002	-3.1701e+000	2.5324e-001	0.0000e+000	0.0000e+000
	479	2.2498e+000	6.0098e-001	-2.7807e+000	2.8508e-001	0.0000e+000	0.0000e+000
345	477	1.3218e+000	-2.6370e+000	-3.8682e+000	-1.3152e-001	0.0000e+000	0.0000e+000
	496	2.1323e+000	-2.2070e+000	-3.3985e+000	-7.4701e-003	0.0000e+000	0.0000e+000
	497	2.0097e+000	-3.3111e+000	-3.9867e+000	-1.3014e-001	0.0000e+000	0.0000e+000
	478	1.1966e+000	-3.7640e+000	-4.4686e+000	-2.5674e-001	0.0000e+000	0.0000e+000
346	476	3.2627e-003	-2.6984e+000	-4.5826e+000	-2.6952e-001	0.0000e+000	0.0000e+000
	495	1.2662e+000	-2.0807e+000	-3.8838e+000	-8.1454e-002	0.0000e+000	0.0000e+000
	496	1.0816e+000	-3.7420e+000	-4.8048e+000	-2.6604e-001	0.0000e+000	0.0000e+000
	477	-1.8516e-001	-4.3942e+000	-5.5227e+000	-4.5794e-001	0.0000e+000	0.0000e+000
347	475	-7.5961e-001	-2.5289e+000	-4.4420e+000	-3.2885e-001	0.0000e+000	0.0000e+000
	494	3.2020e-001	-2.1937e+000	-4.0155e+000	-1.8735e-001	0.0000e+000	0.0000e+000
	495	2.3056e-001	-3.0005e+000	-4.8195e+000	-2.7699e-001	0.0000e+000	0.0000e+000
	476	-8.5112e-001	-3.3525e+000	-5.2626e+000	-4.2036e-001	0.0000e+000	0.0000e+000
348	474	-8.6565e-001	-2.4857e+000	-4.1113e+000	-3.3513e-001	0.0000e+000	0.0000e+000
	493	-1.9650e-001	-2.3572e+000	-3.9284e+000	-2.5537e-001	0.0000e+000	0.0000e+000
	494	-2.2091e-001	-2.5769e+000	-4.4334e+000	-2.7978e-001	0.0000e+000	0.0000e+000
	475	-8.9056e-001	-2.7099e+000	-4.6268e+000	-3.6004e-001	0.0000e+000	0.0000e+000
349	473	-7.9469e-001	-2.5180e+000	-3.8603e+000	-3.3127e-001	0.0000e+000	0.0000e+000
	492	-3.6953e-001	-2.4600e+000	-3.7741e+000	-2.8295e-001	0.0000e+000	0.0000e+000

	493	-3.7483e-001	-2.5076e+000	-4.0970e+000	-2.8825e-001	0.0000e+000	0.0000e+000
	474	-8.0009e-001	-2.5666e+000	-4.1899e+000	-3.3667e-001	0.0000e+000	0.0000e+000
350	472	-7.2692e-001	-2.5517e+000	-3.6495e+000	-3.2787e-001	0.0000e+000	0.0000e+000
	491	-4.1546e-001	-2.5178e+000	-3.6009e+000	-2.9332e-001	0.0000e+000	0.0000e+000
	492	-4.1513e-001	-2.5148e+000	-3.8382e+000	-2.9299e-001	0.0000e+000	0.0000e+000
	473	-7.2658e-001	-2.5487e+000	-3.8917e+000	-3.2753e-001	0.0000e+000	0.0000e+000
351	471	-6.7482e-001	-2.5709e+000	-3.4222e+000	-3.2457e-001	0.0000e+000	0.0000e+000
	490	-4.2107e-001	-2.5503e+000	-3.3965e+000	-2.9713e-001	0.0000e+000	0.0000e+000
	491	-4.1652e-001	-2.5093e+000	-3.5904e+000	-2.9258e-001	0.0000e+000	0.0000e+000
	472	-6.7018e-001	-2.5291e+000	-3.6201e+000	-3.1993e-001	0.0000e+000	0.0000e+000
352	470	-6.1634e-001	-2.5839e+000	-3.1542e+000	-3.2002e-001	0.0000e+000	0.0000e+000
	489	-4.0084e-001	-2.5736e+000	-3.1483e+000	-2.9744e-001	0.0000e+000	0.0000e+000
	490	-3.9159e-001	-2.4903e+000	-3.3136e+000	-2.8819e-001	0.0000e+000	0.0000e+000
	471	-6.0689e-001	-2.4988e+000	-3.3229e+000	-3.1057e-001	0.0000e+000	0.0000e+000
353	469	-5.3821e-001	-2.5961e+000	-2.8458e+000	-3.1343e-001	0.0000e+000	0.0000e+000
	488	-3.5375e-001	-2.5924e+000	-2.8555e+000	-2.9462e-001	0.0000e+000	0.0000e+000
	489	-3.4075e-001	-2.4754e+000	-2.9974e+000	-2.8161e-001	0.0000e+000	0.0000e+000
	470	-5.2494e-001	-2.4766e+000	-2.9907e+000	-3.0016e-001	0.0000e+000	0.0000e+000
354	468	-4.4195e-001	-2.6031e+000	-2.5062e+000	-3.0450e-001	0.0000e+000	0.0000e+000
	487	-2.8390e-001	-2.6015e+000	-2.5247e+000	-2.8854e-001	0.0000e+000	0.0000e+000
	488	-2.6948e-001	-2.4717e+000	-2.6465e+000	-2.7411e-001	0.0000e+000	0.0000e+000
	469	-4.2723e-001	-2.4705e+000	-2.6305e+000	-2.8978e-001	0.0000e+000	0.0000e+000
355	467	-3.3766e-001	-2.5932e+000	-2.1463e+000	-2.9308e-001	0.0000e+000	0.0000e+000
	486	-2.0264e-001	-2.5901e+000	-2.1657e+000	-2.7928e-001	0.0000e+000	0.0000e+000
	487	-1.8969e-001	-2.4735e+000	-2.2696e+000	-2.6632e-001	0.0000e+000	0.0000e+000
	468	-3.2444e-001	-2.4741e+000	-2.2523e+000	-2.7986e-001	0.0000e+000	0.0000e+000
356	466	-2.3753e-001	-2.5542e+000	-1.7761e+000	-2.7918e-001	0.0000e+000	0.0000e+000
	485	-1.2428e-001	-2.5482e+000	-1.7896e+000	-2.6725e-001	0.0000e+000	0.0000e+000
	486	-1.1540e-001	-2.4683e+000	-1.8764e+000	-2.5837e-001	0.0000e+000	0.0000e+000
	467	-2.2847e-001	-2.4727e+000	-1.8647e+000	-2.7011e-001	0.0000e+000	0.0000e+000
357	465	-1.5152e-001	-2.4788e+000	-1.4036e+000	-2.6303e-001	0.0000e+000	0.0000e+000
	484	-6.0818e-002	-2.4705e+000	-1.4065e+000	-2.5313e-001	0.0000e+000	0.0000e+000
	485	-5.7719e-002	-2.4426e+000	-1.4758e+000	-2.5003e-001	0.0000e+000	0.0000e+000
	466	-1.4835e-001	-2.4504e+000	-1.4743e+000	-2.5987e-001	0.0000e+000	0.0000e+000
358	464	-8.5380e-002	-2.3670e+000	-1.0312e+000	-2.4524e-001	0.0000e+000	0.0000e+000
	483	-1.7883e-002	-2.3583e+000	-1.0216e+000	-2.3762e-001	0.0000e+000	0.0000e+000
	484	-2.1091e-002	-2.3872e+000	-1.0729e+000	-2.4083e-001	0.0000e+000	0.0000e+000
	465	-8.8654e-002	-2.3965e+000	-1.0836e+000	-2.4851e-001	0.0000e+000	0.0000e+000
359	463	-4.0813e-002	-2.2237e+000	-6.5044e-001	-2.2645e-001	0.0000e+000	0.0000e+000
	482	6.3445e-003	-2.2168e+000	-6.2809e-001	-2.2104e-001	0.0000e+000	0.0000e+000
	483	-2.9130e-003	-2.3001e+000	-6.6386e-001	-2.3030e-001	0.0000e+000	0.0000e+000
	464	-5.0263e-002	-2.3088e+000	-6.8696e-001	-2.3590e-001	0.0000e+000	0.0000e+000
360	462	-1.7854e-002	-2.0513e+000	-2.3689e-001	-2.0692e-001	0.0000e+000	0.0000e+000
	481	1.8452e-002	-2.0473e+000	-2.0104e-001	-2.0288e-001	0.0000e+000	0.0000e+000
	482	3.0941e-003	-2.1855e+000	-2.2870e-001	-2.1824e-001	0.0000e+000	0.0000e+000
	463	-3.3531e-002	-2.1924e+000	-2.6512e-001	-2.2259e-001	0.0000e+000	0.0000e+000
361	460	1.4530e+000	3.4264e-001	-1.6761e+000	1.7956e-001	0.0000e+000	0.0000e+000
	479	1.5063e+000	-1.4248e+000	-2.9262e+000	8.1554e-003	0.0000e+000	0.0000e+000
	480	2.0593e+000	3.5520e+000	-3.1148e+000	5.6113e-001	0.0000e+000	0.0000e+000
	461	2.0177e+000	5.4250e+000	-1.8687e+000	7.4427e-001	0.0000e+000	0.0000e+000
362	459	1.2794e+000	-2.5306e+000	-3.3381e+000	-1.2511e-001	0.0000e+000	0.0000e+000
	478	1.9127e+000	-2.4332e+000	-3.1572e+000	-5.2048e-002	0.0000e+000	0.0000e+000
	479	1.9038e+000	-2.5138e+000	-3.6272e+000	-6.1005e-002	0.0000e+000	0.0000e+000
	460	1.2703e+000	-2.6129e+000	-3.8181e+000	-1.3426e-001	0.0000e+000	0.0000e+000
363	458	-3.8095e-001	-2.9292e+000	-5.1070e+000	-3.3102e-001	0.0000e+000	0.0000e+000
	477	1.4200e+000	-1.7529e+000	-3.8831e+000	-3.3284e-002	0.0000e+000	0.0000e+000
	478	1.0750e+000	-4.8580e+000	-5.1444e+000	-3.7830e-001	0.0000e+000	0.0000e+000
	459	-7.3329e-001	-6.1003e+000	-6.3950e+000	-6.8335e-001	0.0000e+000	0.0000e+000

364	457	-1.7721e+000	-2.4640e+000	-5.0521e+000	-4.2361e-001	0.0000e+000	0.0000e+000
	476	1.1047e-001	-1.7335e+000	-4.1774e+000	-1.6230e-001	0.0000e+000	0.0000e+000
	477	-8.6925e-002	-3.5101e+000	-5.5376e+000	-3.5970e-001	0.0000e+000	0.0000e+000
	458	-1.9737e+000	-4.2783e+000	-6.4412e+000	-6.2520e-001	0.0000e+000	0.0000e+000
365	456	-1.7215e+000	-2.2755e+000	-4.3977e+000	-3.9971e-001	0.0000e+000	0.0000e+000
	475	-7.0962e-001	-2.0790e+000	-4.1098e+000	-2.7887e-001	0.0000e+000	0.0000e+000
	476	-7.4391e-001	-2.3876e+000	-4.8574e+000	-3.1315e-001	0.0000e+000	0.0000e+000
	457	-1.7565e+000	-2.5906e+000	-5.1612e+000	-4.3472e-001	0.0000e+000	0.0000e+000
366	455	-1.3693e+000	-2.3114e+000	-4.0029e+000	-3.6807e-001	0.0000e+000	0.0000e+000
	474	-8.3947e-001	-2.2500e+000	-3.8997e+000	-3.0895e-001	0.0000e+000	0.0000e+000
	475	-8.4057e-001	-2.2600e+000	-4.2946e+000	-3.1006e-001	0.0000e+000	0.0000e+000
	456	-1.3704e+000	-2.3216e+000	-4.4062e+000	-3.6920e-001	0.0000e+000	0.0000e+000
367	454	-1.1259e+000	-2.3709e+000	-3.7768e+000	-3.4968e-001	0.0000e+000	0.0000e+000
	473	-7.7403e-001	-2.3320e+000	-3.7158e+000	-3.1061e-001	0.0000e+000	0.0000e+000
	474	-7.7391e-001	-2.3310e+000	-3.9783e+000	-3.1049e-001	0.0000e+000	0.0000e+000
	455	-1.1258e+000	-2.3698e+000	-4.0448e+000	-3.4956e-001	0.0000e+000	0.0000e+000
368	453	-9.9208e-001	-2.3908e+000	-3.5800e+000	-3.3829e-001	0.0000e+000	0.0000e+000
	472	-7.0539e-001	-2.3580e+000	-3.5334e+000	-3.0634e-001	0.0000e+000	0.0000e+000
	473	-7.0592e-001	-2.3627e+000	-3.7471e+000	-3.0687e-001	0.0000e+000	0.0000e+000
	454	-9.9262e-001	-2.3957e+000	-3.7983e+000	-3.3883e-001	0.0000e+000	0.0000e+000
369	452	-9.0260e-001	-2.3847e+000	-3.3453e+000	-3.2873e-001	0.0000e+000	0.0000e+000
	471	-6.5159e-001	-2.3618e+000	-3.3164e+000	-3.0134e-001	0.0000e+000	0.0000e+000
	472	-6.4865e-001	-2.3353e+000	-3.5041e+000	-2.9840e-001	0.0000e+000	0.0000e+000
	453	-8.9960e-001	-2.3577e+000	-3.5369e+000	-3.2573e-001	0.0000e+000	0.0000e+000
370	451	-8.1004e-001	-2.3745e+000	-3.0620e+000	-3.1845e-001	0.0000e+000	0.0000e+000
	470	-5.9173e-001	-2.3624e+000	-3.0534e+000	-2.9541e-001	0.0000e+000	0.0000e+000
	471	-5.8366e-001	-2.2898e+000	-3.2172e+000	-2.8734e-001	0.0000e+000	0.0000e+000
	452	-8.0179e-001	-2.3003e+000	-3.2293e+000	-3.1021e-001	0.0000e+000	0.0000e+000
371	450	-6.9840e-001	-2.3687e+000	-2.7418e+000	-3.0671e-001	0.0000e+000	0.0000e+000
	469	-5.1242e-001	-2.3640e+000	-2.7498e+000	-2.8764e-001	0.0000e+000	0.0000e+000
	470	-5.0033e-001	-2.2552e+000	-2.8899e+000	-2.7555e-001	0.0000e+000	0.0000e+000
	451	-6.8606e-001	-2.2576e+000	-2.8848e+000	-2.9436e-001	0.0000e+000	0.0000e+000
372	449	-5.7130e-001	-2.3624e+000	-2.3994e+000	-2.9337e-001	0.0000e+000	0.0000e+000
	468	-4.1498e-001	-2.3603e+000	-2.4166e+000	-2.7753e-001	0.0000e+000	0.0000e+000
	469	-4.0143e-001	-2.2384e+000	-2.5345e+000	-2.6398e-001	0.0000e+000	0.0000e+000
	450	-5.5746e-001	-2.2378e+000	-2.5197e+000	-2.7953e-001	0.0000e+000	0.0000e+000
373	448	-4.3971e-001	-2.3440e+000	-2.0461e+000	-2.7837e-001	0.0000e+000	0.0000e+000
	467	-3.0965e-001	-2.3411e+000	-2.0648e+000	-2.6507e-001	0.0000e+000	0.0000e+000
	468	-2.9747e-001	-2.2314e+000	-2.1627e+000	-2.5289e-001	0.0000e+000	0.0000e+000
	449	-4.2726e-001	-2.2320e+000	-2.1462e+000	-2.6593e-001	0.0000e+000	0.0000e+000
374	447	-3.1494e-001	-2.3014e+000	-1.6903e+000	-2.6164e-001	0.0000e+000	0.0000e+000
	466	-2.0883e-001	-2.2960e+000	-1.7035e+000	-2.5048e-001	0.0000e+000	0.0000e+000
	467	-2.0045e-001	-2.2205e+000	-1.7832e+000	-2.4210e-001	0.0000e+000	0.0000e+000
	448	-3.0638e-001	-2.2244e+000	-1.7717e+000	-2.5308e-001	0.0000e+000	0.0000e+000
375	446	-2.0570e-001	-2.2257e+000	-1.3367e+000	-2.4314e-001	0.0000e+000	0.0000e+000
	465	-1.2254e-001	-2.2180e+000	-1.3396e+000	-2.3406e-001	0.0000e+000	0.0000e+000
	466	-1.1966e-001	-2.1921e+000	-1.4017e+000	-2.3118e-001	0.0000e+000	0.0000e+000
	447	-2.0276e-001	-2.1992e+000	-1.4001e+000	-2.4019e-001	0.0000e+000	0.0000e+000
376	445	-1.1756e-001	-2.1115e+000	-9.8432e-001	-2.2291e-001	0.0000e+000	0.0000e+000
	464	-5.6079e-002	-2.1033e+000	-9.7380e-001	-2.1594e-001	0.0000e+000	0.0000e+000
	465	-5.9678e-002	-2.1357e+000	-1.0195e+000	-2.1954e-001	0.0000e+000	0.0000e+000
	446	-1.2124e-001	-2.1446e+000	-1.0310e+000	-2.2658e-001	0.0000e+000	0.0000e+000
377	444	-5.3924e-002	-1.9548e+000	-6.2349e-001	-2.0088e-001	0.0000e+000	0.0000e+000
	463	-1.0172e-002	-1.9479e+000	-5.9708e-001	-1.9581e-001	0.0000e+000	0.0000e+000
	464	-2.0962e-002	-2.0451e+000	-6.2954e-001	-2.0660e-001	0.0000e+000	0.0000e+000
	445	-6.4943e-002	-2.0540e+000	-6.5664e-001	-2.1190e-001	0.0000e+000	0.0000e+000
378	443	-1.8391e-002	-1.7468e+000	-2.3180e-001	-1.7652e-001	0.0000e+000	0.0000e+000
	462	1.6407e-002	-1.7430e+000	-1.8580e-001	-1.7266e-001	0.0000e+000	0.0000e+000

	463	-2.8903e-003	-1.9166e+000	-2.1176e-001	-1.9195e-001	0.0000e+000	0.0000e+000
	444	-3.8098e-002	-1.9242e+000	-2.5831e-001	-1.9623e-001	0.0000e+000	0.0000e+000
379	441	7.3603e-001	-1.7475e+000	-1.6898e+000	-1.0115e-001	0.0000e+000	0.0000e+000
	460	1.0268e+000	-3.4929e+000	-2.8791e+000	-2.4661e-001	0.0000e+000	0.0000e+000
	461	1.5693e+000	1.3900e+000	-3.2373e+000	2.9594e-001	0.0000e+000	0.0000e+000
	442	1.2903e+000	3.2413e+000	-2.0558e+000	4.5316e-001	0.0000e+000	0.0000e+000
380	440	-7.4469e-001	-3.5147e+000	-5.4017e+000	-4.2594e-001	0.0000e+000	0.0000e+000
	459	1.3799e+000	-1.6264e+000	-3.6059e+000	-2.4654e-002	0.0000e+000	0.0000e+000
	460	8.4413e-001	-6.4484e+000	-5.0211e+000	-5.6043e-001	0.0000e+000	0.0000e+000
	441	-1.2921e+000	-8.4412e+000	-6.8476e+000	-9.7333e-001	0.0000e+000	0.0000e+000
381	439	-3.7785e+000	-2.5600e+000	-6.1602e+000	-6.3386e-001	0.0000e+000	0.0000e+000
	458	-1.3505e-001	-7.1614e-001	-4.1213e+000	-8.5119e-002	0.0000e+000	0.0000e+000
	459	-6.3283e-001	-5.1961e+000	-6.6628e+000	-5.8289e-001	0.0000e+000	0.0000e+000
	440	-4.2871e+000	-7.1371e+000	-8.7568e+000	-1.1424e+000	0.0000e+000	0.0000e+000
382	438	-3.2647e+000	-1.9739e+000	-4.7623e+000	-5.2386e-001	0.0000e+000	0.0000e+000
	457	-1.6854e+000	-1.6841e+000	-4.3121e+000	-3.3696e-001	0.0000e+000	0.0000e+000
	458	-1.7278e+000	-2.0652e+000	-5.4556e+000	-3.7930e-001	0.0000e+000	0.0000e+000
	439	-3.3080e+000	-2.3632e+000	-5.9306e+000	-5.6712e-001	0.0000e+000	0.0000e+000
383	437	-2.2726e+000	-2.0197e+000	-4.0595e+000	-4.2923e-001	0.0000e+000	0.0000e+000
	456	-1.6921e+000	-2.0109e+000	-3.9929e+000	-3.7030e-001	0.0000e+000	0.0000e+000
	457	-1.6699e+000	-1.8107e+000	-4.4213e+000	-3.4806e-001	0.0000e+000	0.0000e+000
	438	-2.2499e+000	-1.8152e+000	-4.4972e+000	-4.0651e-001	0.0000e+000	0.0000e+000
384	436	-1.6731e+000	-2.1679e+000	-3.7991e+000	-3.8410e-001	0.0000e+000	0.0000e+000
	455	-1.3523e+000	-2.1584e+000	-3.7651e+000	-3.5107e-001	0.0000e+000	0.0000e+000
	456	-1.3410e+000	-2.0569e+000	-4.0014e+000	-3.3979e-001	0.0000e+000	0.0000e+000
	437	-1.6615e+000	-2.0643e+000	-4.0406e+000	-3.7258e-001	0.0000e+000	0.0000e+000
385	435	-1.3795e+000	-2.2303e+000	-3.6615e+000	-3.6098e-001	0.0000e+000	0.0000e+000
	454	-1.1064e+000	-2.1948e+000	-3.6081e+000	-3.3012e-001	0.0000e+000	0.0000e+000
	455	-1.1088e+000	-2.2168e+000	-3.8070e+000	-3.3256e-001	0.0000e+000	0.0000e+000
	436	-1.3819e+000	-2.2528e+000	-3.8647e+000	-3.6347e-001	0.0000e+000	0.0000e+000
386	434	-1.2353e+000	-2.2188e+000	-3.4883e+000	-3.4541e-001	0.0000e+000	0.0000e+000
	453	-9.6874e-001	-2.1808e+000	-3.4357e+000	-3.1496e-001	0.0000e+000	0.0000e+000
	454	-9.7305e-001	-2.2196e+000	-3.6297e+000	-3.1927e-001	0.0000e+000	0.0000e+000
	435	-1.2397e+000	-2.2584e+000	-3.6864e+000	-3.4981e-001	0.0000e+000	0.0000e+000
387	433	-1.1256e+000	-2.1823e+000	-3.2442e+000	-3.3079e-001	0.0000e+000	0.0000e+000
	452	-8.7724e-001	-2.1564e+000	-3.2112e+000	-3.0336e-001	0.0000e+000	0.0000e+000
	453	-8.7626e-001	-2.1477e+000	-3.3926e+000	-3.0239e-001	0.0000e+000	0.0000e+000
	434	-1.1246e+000	-2.1734e+000	-3.4295e+000	-3.2979e-001	0.0000e+000	0.0000e+000
388	432	-1.0007e+000	-2.1518e+000	-2.9454e+000	-3.1525e-001	0.0000e+000	0.0000e+000
	451	-7.8390e-001	-2.1392e+000	-2.9360e+000	-2.9231e-001	0.0000e+000	0.0000e+000
	452	-7.7643e-001	-2.0720e+000	-3.0952e+000	-2.8484e-001	0.0000e+000	0.0000e+000
	433	-9.9307e-001	-2.0831e+000	-3.1081e+000	-3.0762e-001	0.0000e+000	0.0000e+000
389	431	-8.5345e-001	-2.1337e+000	-2.6162e+000	-2.9872e-001	0.0000e+000	0.0000e+000
	450	-6.7184e-001	-2.1297e+000	-2.6250e+000	-2.8015e-001	0.0000e+000	0.0000e+000
	451	-6.5991e-001	-2.0223e+000	-2.7588e+000	-2.6822e-001	0.0000e+000	0.0000e+000
	432	-8.4126e-001	-2.0240e+000	-2.7530e+000	-2.8653e-001	0.0000e+000	0.0000e+000
390	430	-6.9347e-001	-2.1204e+000	-2.2744e+000	-2.8139e-001	0.0000e+000	0.0000e+000
	449	-5.4429e-001	-2.1193e+000	-2.2927e+000	-2.6636e-001	0.0000e+000	0.0000e+000
	450	-5.3090e-001	-1.9988e+000	-2.4029e+000	-2.5297e-001	0.0000e+000	0.0000e+000
	431	-6.7979e-001	-1.9973e+000	-2.3870e+000	-2.6771e-001	0.0000e+000	0.0000e+000
391	429	-5.3347e-001	-2.0986e+000	-1.9306e+000	-2.6321e-001	0.0000e+000	0.0000e+000
	448	-4.1223e-001	-2.0967e+000	-1.9500e+000	-2.5089e-001	0.0000e+000	0.0000e+000
	449	-4.0026e-001	-1.9890e+000	-2.0395e+000	-2.3892e-001	0.0000e+000	0.0000e+000
	430	-5.2124e-001	-1.9886e+000	-2.0220e+000	-2.5098e-001	0.0000e+000	0.0000e+000
392	428	-3.8402e-001	-2.0555e+000	-1.5905e+000	-2.4395e-001	0.0000e+000	0.0000e+000
	447	-2.8712e-001	-2.0511e+000	-1.6043e+000	-2.3382e-001	0.0000e+000	0.0000e+000
	448	-2.7890e-001	-1.9771e+000	-1.6756e+000	-2.2560e-001	0.0000e+000	0.0000e+000
	429	-3.7563e-001	-1.9799e+000	-1.6633e+000	-2.3556e-001	0.0000e+000	0.0000e+000

393	427	-2.5266e-001	-1.9800e+000	-1.2562e+000	-2.2327e-001	0.0000e+000	0.0000e+000
	446	-1.7766e-001	-1.9733e+000	-1.2593e+000	-2.1510e-001	0.0000e+000	0.0000e+000
	447	-1.7494e-001	-1.9488e+000	-1.3142e+000	-2.1237e-001	0.0000e+000	0.0000e+000
	428	-2.4988e-001	-1.9550e+000	-1.3123e+000	-2.2049e-001	0.0000e+000	0.0000e+000
394	426	-1.4461e-001	-1.8628e+000	-9.2504e-001	-2.0074e-001	0.0000e+000	0.0000e+000
	445	-8.9070e-002	-1.8551e+000	-9.1324e-001	-1.9441e-001	0.0000e+000	0.0000e+000
	446	-9.3196e-002	-1.8922e+000	-9.5365e-001	-1.9854e-001	0.0000e+000	0.0000e+000
	427	-1.4882e-001	-1.9008e+000	-9.6633e-001	-2.0496e-001	0.0000e+000	0.0000e+000
395	425	-6.4427e-002	-1.6928e+000	-5.8713e-001	-1.7572e-001	0.0000e+000	0.0000e+000
	444	-2.4046e-002	-1.6859e+000	-5.5628e-001	-1.7100e-001	0.0000e+000	0.0000e+000
	445	-3.6452e-002	-1.7976e+000	-5.8556e-001	-1.8340e-001	0.0000e+000	0.0000e+000
	426	-7.7102e-002	-1.8069e+000	-6.1705e-001	-1.8840e-001	0.0000e+000	0.0000e+000
396	424	-1.8245e-002	-1.4529e+000	-2.2282e-001	-1.4711e-001	0.0000e+000	0.0000e+000
	443	1.4675e-002	-1.4492e+000	-1.6706e-001	-1.4346e-001	0.0000e+000	0.0000e+000
	444	-8.2195e-003	-1.6553e+000	-1.9110e-001	-1.6635e-001	0.0000e+000	0.0000e+000
	425	-4.1636e-002	-1.6634e+000	-2.4737e-001	-1.7051e-001	0.0000e+000	0.0000e+000
397	422	-5.7736e-001	-4.3521e+000	-4.0968e+000	-4.9295e-001	0.0000e+000	0.0000e+000
	441	5.1098e-001	-3.7730e+000	-3.4773e+000	-3.2620e-001	0.0000e+000	0.0000e+000
	442	3.7416e-001	-5.0044e+000	-4.2177e+000	-4.6302e-001	0.0000e+000	0.0000e+000
	423	-7.1721e-001	-5.6108e+000	-4.8537e+000	-6.3280e-001	0.0000e+000	0.0000e+000
398	421	-8.6953e+000	-3.2285e+000	-8.3969e+000	-1.1924e+000	0.0000e+000	0.0000e+000
	440	-1.1638e-001	2.1401e+000	-2.8632e+000	2.0237e-001	0.0000e+000	0.0000e+000
	441	-1.5171e+000	-1.0467e+001	-8.6351e+000	-1.1984e+000	0.0000e+000	0.0000e+000
	422	-1.0127e+001	-1.6115e+001	-1.4297e+001	-2.6242e+000	0.0000e+000	0.0000e+000
399	420	-5.9796e+000	-1.5145e+000	-5.1944e+000	-7.4941e-001	0.0000e+000	0.0000e+000
	439	-3.6208e+000	-1.1401e+000	-4.5427e+000	-4.7608e-001	0.0000e+000	0.0000e+000
	440	-3.6588e+000	-1.4824e+000	-6.2182e+000	-5.1412e-001	0.0000e+000	0.0000e+000
	421	-6.0184e+000	-1.8644e+000	-6.9071e+000	-7.8829e-001	0.0000e+000	0.0000e+000
400	419	-3.5940e+000	-1.5445e+000	-3.9010e+000	-5.1385e-001	0.0000e+000	0.0000e+000
	438	-3.2402e+000	-1.7535e+000	-4.0405e+000	-4.9937e-001	0.0000e+000	0.0000e+000
	439	-3.1502e+000	-9.4324e-001	-4.3131e+000	-4.0934e-001	0.0000e+000	0.0000e+000
	420	-3.5020e+000	-7.1629e-001	-4.1796e+000	-4.2183e-001	0.0000e+000	0.0000e+000
401	418	-2.3632e+000	-1.8983e+000	-3.6084e+000	-4.2615e-001	0.0000e+000	0.0000e+000
	437	-2.2710e+000	-2.0046e+000	-3.7001e+000	-4.2756e-001	0.0000e+000	0.0000e+000
	438	-2.2254e+000	-1.5948e+000	-3.7753e+000	-3.8202e-001	0.0000e+000	0.0000e+000
	419	-2.3167e+000	-1.4794e+000	-3.6853e+000	-3.7960e-001	0.0000e+000	0.0000e+000
402	417	-1.8086e+000	-2.0830e+000	-3.5976e+000	-3.8915e-001	0.0000e+000	0.0000e+000
	436	-1.6625e+000	-2.0730e+000	-3.5763e+000	-3.7355e-001	0.0000e+000	0.0000e+000
	437	-1.6599e+000	-2.0493e+000	-3.6811e+000	-3.7091e-001	0.0000e+000	0.0000e+000
	418	-1.8059e+000	-2.0588e+000	-3.7048e+000	-3.8646e-001	0.0000e+000	0.0000e+000
403	416	-1.5900e+000	-2.0956e+000	-3.5507e+000	-3.6856e-001	0.0000e+000	0.0000e+000
	435	-1.3585e+000	-2.0420e+000	-3.4789e+000	-3.4005e-001	0.0000e+000	0.0000e+000
	436	-1.3714e+000	-2.1578e+000	-3.6419e+000	-3.5292e-001	0.0000e+000	0.0000e+000
	417	-1.6031e+000	-2.2140e+000	-3.7173e+000	-3.8171e-001	0.0000e+000	0.0000e+000
404	415	-1.4724e+000	-2.0316e+000	-3.3826e+000	-3.5040e-001	0.0000e+000	0.0000e+000
	434	-1.2092e+000	-1.9834e+000	-3.3173e+000	-3.1926e-001	0.0000e+000	0.0000e+000
	435	-1.2188e+000	-2.0701e+000	-3.5038e+000	-3.2889e-001	0.0000e+000	0.0000e+000
	416	-1.4822e+000	-2.1202e+000	-3.5732e+000	-3.6025e-001	0.0000e+000	0.0000e+000
405	414	-1.3453e+000	-1.9633e+000	-3.1181e+000	-3.3086e-001	0.0000e+000	0.0000e+000
	433	-1.0981e+000	-1.9353e+000	-3.0821e+000	-3.0334e-001	0.0000e+000	0.0000e+000
	434	-1.0984e+000	-1.9380e+000	-3.2586e+000	-3.0364e-001	0.0000e+000	0.0000e+000
	415	-1.3456e+000	-1.9661e+000	-3.2984e+000	-3.3117e-001	0.0000e+000	0.0000e+000
406	413	-1.1835e+000	-1.9180e+000	-2.8021e+000	-3.1015e-001	0.0000e+000	0.0000e+000
	432	-9.7352e-001	-1.9071e+000	-2.7950e+000	-2.8806e-001	0.0000e+000	0.0000e+000
	433	-9.6563e-001	-1.8361e+000	-2.9460e+000	-2.8017e-001	0.0000e+000	0.0000e+000
	414	-1.1754e+000	-1.8454e+000	-2.9564e+000	-3.0208e-001	0.0000e+000	0.0000e+000
407	412	-9.9718e-001	-1.8944e+000	-2.4672e+000	-2.8916e-001	0.0000e+000	0.0000e+000
	431	-8.2668e-001	-1.8929e+000	-2.4795e+000	-2.7195e-001	0.0000e+000	0.0000e+000

	432	-8.1407e-001	-1.7794e+000	-2.6026e+000	-2.5934e-001	0.0000e+000	0.0000e+000
	413	-9.8429e-001	-1.7784e+000	-2.5931e+000	-2.7627e-001	0.0000e+000	0.0000e+000
408	411	-8.0321e-001	-1.8797e+000	-2.1302e+000	-2.6829e-001	0.0000e+000	0.0000e+000
	430	-6.6686e-001	-1.8809e+000	-2.1515e+000	-2.5477e-001	0.0000e+000	0.0000e+000
	431	-6.5303e-001	-1.7564e+000	-2.2502e+000	-2.4094e-001	0.0000e+000	0.0000e+000
	412	-7.8908e-001	-1.7525e+000	-2.2311e+000	-2.5415e-001	0.0000e+000	0.0000e+000
409	410	-6.1530e-001	-1.8586e+000	-1.7990e+000	-2.4739e-001	0.0000e+000	0.0000e+000
	429	-5.0679e-001	-1.8585e+000	-1.8206e+000	-2.3653e-001	0.0000e+000	0.0000e+000
	430	-4.9463e-001	-1.7491e+000	-1.8991e+000	-2.2437e-001	0.0000e+000	0.0000e+000
	411	-6.0287e-001	-1.7467e+000	-1.8792e+000	-2.3496e-001	0.0000e+000	0.0000e+000
410	409	-4.4275e-001	-1.8172e+000	-1.4766e+000	-2.2600e-001	0.0000e+000	0.0000e+000
	428	-3.5721e-001	-1.8142e+000	-1.4917e+000	-2.1714e-001	0.0000e+000	0.0000e+000
	429	-3.4895e-001	-1.7398e+000	-1.5534e+000	-2.0888e-001	0.0000e+000	0.0000e+000
	410	-4.3430e-001	-1.7412e+000	-1.5396e+000	-2.1755e-001	0.0000e+000	0.0000e+000
411	408	-2.9161e-001	-1.7429e+000	-1.1630e+000	-2.0345e-001	0.0000e+000	0.0000e+000
	427	-2.2567e-001	-1.7371e+000	-1.1663e+000	-1.9628e-001	0.0000e+000	0.0000e+000
	428	-2.2307e-001	-1.7137e+000	-1.2135e+000	-1.9368e-001	0.0000e+000	0.0000e+000
	409	-2.8895e-001	-1.7190e+000	-1.2112e+000	-2.0080e-001	0.0000e+000	0.0000e+000
412	407	-1.6649e-001	-1.6230e+000	-8.5455e-001	-1.7895e-001	0.0000e+000	0.0000e+000
	426	-1.1715e-001	-1.6157e+000	-8.4133e-001	-1.7328e-001	0.0000e+000	0.0000e+000
	427	-1.2183e-001	-1.6579e+000	-8.7641e-001	-1.7797e-001	0.0000e+000	0.0000e+000
	408	-1.7128e-001	-1.6661e+000	-8.9041e-001	-1.8374e-001	0.0000e+000	0.0000e+000
413	406	-7.2533e-002	-1.4413e+000	-5.4249e-001	-1.5139e-001	0.0000e+000	0.0000e+000
	425	-3.5725e-002	-1.4345e+000	-5.0727e-001	-1.4702e-001	0.0000e+000	0.0000e+000
	426	-4.9642e-002	-1.5597e+000	-5.3333e-001	-1.6094e-001	0.0000e+000	0.0000e+000
	407	-8.6758e-002	-1.5694e+000	-5.6913e-001	-1.6561e-001	0.0000e+000	0.0000e+000
414	405	-1.7577e-002	-1.1747e+000	-2.1031e-001	-1.1923e-001	0.0000e+000	0.0000e+000
	424	1.3044e-002	-1.1713e+000	-1.4564e-001	-1.1583e-001	0.0000e+000	0.0000e+000
	425	-1.2934e-002	-1.4051e+000	-1.6751e-001	-1.4180e-001	0.0000e+000	0.0000e+000
	406	-4.4130e-002	-1.4137e+000	-2.3266e-001	-1.4578e-001	0.0000e+000	0.0000e+000
415	403	-2.7497e+001	-5.6675e+000	-1.3103e+001	-3.3164e+000	0.0000e+000	0.0000e+000
	422	1.1498e+000	1.1193e+001	4.3568e+000	1.2342e+000	0.0000e+000	0.0000e+000
	423	-2.8435e+000	-2.4747e+001	-1.4573e+001	-2.7591e+000	0.0000e+000	0.0000e+000
	404	-3.1581e+001	-4.2422e+001	-3.2462e+001	-7.4002e+000	0.0000e+000	0.0000e+000
416	402	-9.6449e+000	-7.5768e-001	-5.2693e+000	-1.0403e+000	0.0000e+000	0.0000e+000
	421	-8.4087e+000	-6.4846e-001	-4.9777e+000	-9.0571e-001	0.0000e+000	0.0000e+000
	422	-8.4000e+000	-5.6992e-001	-5.8432e+000	-8.9699e-001	0.0000e+000	0.0000e+000
	403	-9.6360e+000	-6.7736e-001	-6.1544e+000	-1.0313e+000	0.0000e+000	0.0000e+000
417	401	-5.0851e+000	-7.5373e-001	-3.1970e+000	-5.8388e-001	0.0000e+000	0.0000e+000
	420	-5.9945e+000	-1.6486e+000	-4.0605e+000	-7.6431e-001	0.0000e+000	0.0000e+000
	421	-5.7318e+000	7.1556e-001	-3.4878e+000	-5.0162e-001	0.0000e+000	0.0000e+000
	402	-4.8165e+000	1.6640e+000	-2.6114e+000	-3.1524e-001	0.0000e+000	0.0000e+000
418	400	-3.0287e+000	-1.5090e+000	-3.0175e+000	-4.5378e-001	0.0000e+000	0.0000e+000
	419	-3.6344e+000	-1.9077e+000	-3.4426e+000	-5.5421e-001	0.0000e+000	0.0000e+000
	420	-3.5169e+000	-8.5037e-001	-3.0457e+000	-4.3672e-001	0.0000e+000	0.0000e+000
	401	-2.9086e+000	-4.2774e-001	-2.6117e+000	-3.3363e-001	0.0000e+000	0.0000e+000
419	399	-2.1699e+000	-1.9502e+000	-3.2741e+000	-4.1200e-001	0.0000e+000	0.0000e+000
	418	-2.3775e+000	-2.0269e+000	-3.3677e+000	-4.4044e-001	0.0000e+000	0.0000e+000
	419	-2.3570e+000	-1.8426e+000	-3.2269e+000	-4.1996e-001	0.0000e+000	0.0000e+000
	400	-2.1489e+000	-1.7617e+000	-3.1301e+000	-3.9106e-001	0.0000e+000	0.0000e+000
420	398	-1.8937e+000	-2.0399e+000	-3.4790e+000	-3.9336e-001	0.0000e+000	0.0000e+000
	417	-1.7961e+000	-1.9709e+000	-3.4004e+000	-3.7670e-001	0.0000e+000	0.0000e+000
	418	-1.8202e+000	-2.1874e+000	-3.4640e+000	-4.0075e-001	0.0000e+000	0.0000e+000
	399	-1.9183e+000	-2.2613e+000	-3.5440e+000	-4.1796e-001	0.0000e+000	0.0000e+000
421	397	-1.8137e+000	-1.9472e+000	-3.4611e+000	-3.7609e-001	0.0000e+000	0.0000e+000
	416	-1.5638e+000	-1.8598e+000	-3.3502e+000	-3.4236e-001	0.0000e+000	0.0000e+000
	417	-1.5906e+000	-2.1019e+000	-3.5201e+000	-3.6925e-001	0.0000e+000	0.0000e+000
	398	-1.8412e+000	-2.1947e+000	-3.6348e+000	-4.0359e-001	0.0000e+000	0.0000e+000

422	396	-1.7195e+000	-1.8208e+000	-3.2593e+000	-3.5403e-001	0.0000e+000	0.0000e+000
	415	-1.4425e+000	-1.7628e+000	-3.1815e+000	-3.2053e-001	0.0000e+000	0.0000e+000
	416	-1.4560e+000	-1.8844e+000	-3.3728e+000	-3.3405e-001	0.0000e+000	0.0000e+000
	397	-1.7333e+000	-1.9452e+000	-3.4549e+000	-3.6785e-001	0.0000e+000	0.0000e+000
423	395	-1.5593e+000	-1.7272e+000	-2.9611e+000	-3.2865e-001	0.0000e+000	0.0000e+000
	414	-1.3161e+000	-1.7009e+000	-2.9275e+000	-3.0170e-001	0.0000e+000	0.0000e+000
	415	-1.3157e+000	-1.6972e+000	-3.0973e+000	-3.0130e-001	0.0000e+000	0.0000e+000
	396	-1.5589e+000	-1.7234e+000	-3.1348e+000	-3.2823e-001	0.0000e+000	0.0000e+000
424	394	-1.3507e+000	-1.6761e+000	-2.6289e+000	-3.0269e-001	0.0000e+000	0.0000e+000
	413	-1.1559e+000	-1.6701e+000	-2.6286e+000	-2.8260e-001	0.0000e+000	0.0000e+000
	414	-1.1463e+000	-1.5830e+000	-2.7659e+000	-2.7293e-001	0.0000e+000	0.0000e+000
	395	-1.3408e+000	-1.5871e+000	-2.7693e+000	-2.9279e-001	0.0000e+000	0.0000e+000
425	393	-1.1222e+000	-1.6542e+000	-2.2934e+000	-2.7765e-001	0.0000e+000	0.0000e+000
	412	-9.7084e-001	-1.6573e+000	-2.3123e+000	-2.6281e-001	0.0000e+000	0.0000e+000
	413	-9.5675e-001	-1.5305e+000	-2.4196e+000	-2.4872e-001	0.0000e+000	0.0000e+000
	394	-1.1078e+000	-1.5246e+000	-2.4031e+000	-2.6324e-001	0.0000e+000	0.0000e+000
426	392	-8.9493e-001	-1.6431e+000	-1.9666e+000	-2.5380e-001	0.0000e+000	0.0000e+000
	411	-7.7745e-001	-1.6478e+000	-1.9928e+000	-2.4253e-001	0.0000e+000	0.0000e+000
	412	-7.6273e-001	-1.5153e+000	-2.0762e+000	-2.2781e-001	0.0000e+000	0.0000e+000
	393	-8.7988e-001	-1.5076e+000	-2.0520e+000	-2.3875e-001	0.0000e+000	0.0000e+000
427	391	-6.8154e-001	-1.6258e+000	-1.6520e+000	-2.3073e-001	0.0000e+000	0.0000e+000
	410	-5.8971e-001	-1.6283e+000	-1.6767e+000	-2.2180e-001	0.0000e+000	0.0000e+000
	411	-5.7711e-001	-1.5149e+000	-1.7418e+000	-2.0920e-001	0.0000e+000	0.0000e+000
	392	-6.6865e-001	-1.5098e+000	-1.7186e+000	-2.1785e-001	0.0000e+000	0.0000e+000
428	390	-4.8907e-001	-1.5878e+000	-1.3496e+000	-2.0769e-001	0.0000e+000	0.0000e+000
	409	-4.1713e-001	-1.5866e+000	-1.3664e+000	-2.0038e-001	0.0000e+000	0.0000e+000
	410	-4.0871e-001	-1.5109e+000	-1.4172e+000	-1.9196e-001	0.0000e+000	0.0000e+000
	391	-4.8046e-001	-1.5103e+000	-1.4015e+000	-1.9908e-001	0.0000e+000	0.0000e+000
429	389	-3.2167e-001	-1.5157e+000	-1.0582e+000	-1.8373e-001	0.0000e+000	0.0000e+000
	408	-2.6584e-001	-1.5110e+000	-1.0619e+000	-1.7768e-001	0.0000e+000	0.0000e+000
	409	-2.6333e-001	-1.4884e+000	-1.1011e+000	-1.7518e-001	0.0000e+000	0.0000e+000
	390	-3.1911e-001	-1.4926e+000	-1.0982e+000	-1.8117e-001	0.0000e+000	0.0000e+000
430	388	-1.8299e-001	-1.3942e+000	-7.7431e-001	-1.5772e-001	0.0000e+000	0.0000e+000
	407	-1.4031e-001	-1.3874e+000	-7.5974e-001	-1.5277e-001	0.0000e+000	0.0000e+000
	408	-1.4550e-001	-1.4342e+000	-7.8938e-001	-1.5797e-001	0.0000e+000	0.0000e+000
	389	-1.8831e-001	-1.4421e+000	-8.0463e-001	-1.6304e-001	0.0000e+000	0.0000e+000
431	387	-7.8309e-002	-1.2039e+000	-4.9073e-001	-1.2822e-001	0.0000e+000	0.0000e+000
	406	-4.5406e-002	-1.1972e+000	-4.5159e-001	-1.2426e-001	0.0000e+000	0.0000e+000
	407	-6.0579e-002	-1.3337e+000	-4.7432e-001	-1.3943e-001	0.0000e+000	0.0000e+000
	388	-9.3826e-002	-1.3436e+000	-5.1398e-001	-1.4374e-001	0.0000e+000	0.0000e+000
432	386	-1.6495e-002	-9.1699e-001	-1.9459e-001	-9.3349e-002	0.0000e+000	0.0000e+000
	405	1.1403e-002	-9.1389e-001	-1.2228e-001	-9.0249e-002	0.0000e+000	0.0000e+000
	406	-1.7003e-002	-1.1695e+000	-1.4176e-001	-1.1865e-001	0.0000e+000	0.0000e+000
	387	-4.5544e-002	-1.1784e+000	-2.1452e-001	-1.2240e-001	0.0000e+000	0.0000e+000
433	384	-2.6231e+000	1.0236e+000	-1.4590e+000	-1.5995e-001	0.0000e+000	0.0000e+000
	403	-2.7045e+001	-1.5994e+000	-7.9656e+000	-2.8644e+000	0.0000e+000	0.0000e+000
	404	-2.7071e+001	-1.8319e+000	8.7090e+000	-2.8903e+000	0.0000e+000	0.0000e+000
	385	-2.6495e+000	7.8568e-001	1.5602e+001	-1.8639e-001	0.0000e+000	0.0000e+000
434	383	-5.0380e+000	2.7573e-001	-1.3030e+000	-4.7623e-001	0.0000e+000	0.0000e+000
	402	-9.8235e+000	-2.3655e+000	-4.1209e+000	-1.2189e+000	0.0000e+000	0.0000e+000
	403	-9.1840e+000	3.3907e+000	-1.0167e+000	-5.7932e-001	0.0000e+000	0.0000e+000
	384	-4.3836e+000	6.1655e+000	1.8731e+000	1.7819e-001	0.0000e+000	0.0000e+000
435	382	-3.0604e+000	-1.0107e+000	-1.8122e+000	-4.0711e-001	0.0000e+000	0.0000e+000
	401	-5.2162e+000	-1.9340e+000	-2.8817e+000	-7.1502e-001	0.0000e+000	0.0000e+000
	402	-4.9951e+000	5.6190e-002	-1.4629e+000	-4.9389e-001	0.0000e+000	0.0000e+000
	383	-2.8342e+000	1.0256e+000	-3.6046e-001	-1.8085e-001	0.0000e+000	0.0000e+000
436	381	-2.2020e+000	-1.8623e+000	-2.5497e+000	-4.0643e-001	0.0000e+000	0.0000e+000
	400	-3.0976e+000	-2.1288e+000	-2.8948e+000	-5.2264e-001	0.0000e+000	0.0000e+000

	401	-3.0397e+000	-1.6080e+000	-2.2964e+000	-4.6477e-001	0.0000e+000	0.0000e+000
	382	-2.1428e+000	-1.3294e+000	-1.9375e+000	-3.4722e-001	0.0000e+000	0.0000e+000
437	380	-1.9941e+000	-2.1057e+000	-3.2058e+000	-4.0998e-001	0.0000e+000	0.0000e+000
	399	-2.1774e+000	-2.0178e+000	-3.1407e+000	-4.1952e-001	0.0000e+000	0.0000e+000
	400	-2.2178e+000	-2.3815e+000	-3.0073e+000	-4.5993e-001	0.0000e+000	0.0000e+000
	381	-2.0355e+000	-2.4778e+000	-3.0693e+000	-4.5133e-001	0.0000e+000	0.0000e+000
438	379	-2.0741e+000	-1.9784e+000	-3.4663e+000	-4.0526e-001	0.0000e+000	0.0000e+000
	398	-1.8687e+000	-1.8141e+000	-3.2813e+000	-3.6828e-001	0.0000e+000	0.0000e+000
	399	-1.9259e+000	-2.3289e+000	-3.4107e+000	-4.2547e-001	0.0000e+000	0.0000e+000
	380	-2.1326e+000	-2.5051e+000	-3.5987e+000	-4.6378e-001	0.0000e+000	0.0000e+000
439	378	-2.0986e+000	-1.7557e+000	-3.3757e+000	-3.8543e-001	0.0000e+000	0.0000e+000
	397	-1.7792e+000	-1.6364e+000	-3.2255e+000	-3.4155e-001	0.0000e+000	0.0000e+000
	398	-1.8161e+000	-1.9690e+000	-3.4371e+000	-3.7851e-001	0.0000e+000	0.0000e+000
	379	-2.1364e+000	-2.0960e+000	-3.5923e+000	-4.2324e-001	0.0000e+000	0.0000e+000
440	377	-1.9777e+000	-1.5787e+000	-3.1011e+000	-3.5564e-001	0.0000e+000	0.0000e+000
	396	-1.6861e+000	-1.5201e+000	-3.0223e+000	-3.2062e-001	0.0000e+000	0.0000e+000
	397	-1.6988e+000	-1.6344e+000	-3.2193e+000	-3.3332e-001	0.0000e+000	0.0000e+000
	378	-1.9907e+000	-1.6956e+000	-3.3027e+000	-3.6864e-001	0.0000e+000	0.0000e+000
441	376	-1.7561e+000	-1.4761e+000	-2.7646e+000	-3.2322e-001	0.0000e+000	0.0000e+000
	395	-1.5294e+000	-1.4582e+000	-2.7425e+000	-2.9876e-001	0.0000e+000	0.0000e+000
	396	-1.5254e+000	-1.4227e+000	-2.8978e+000	-2.9482e-001	0.0000e+000	0.0000e+000
	377	-1.7521e+000	-1.4398e+000	-2.9235e+000	-3.1919e-001	0.0000e+000	0.0000e+000
442	375	-1.4911e+000	-1.4309e+000	-2.4229e+000	-2.9220e-001	0.0000e+000	0.0000e+000
	394	-1.3238e+000	-1.4335e+000	-2.4348e+000	-2.7572e-001	0.0000e+000	0.0000e+000
	395	-1.3109e+000	-1.3181e+000	-2.5506e+000	-2.6291e-001	0.0000e+000	0.0000e+000
	376	-1.4780e+000	-1.3129e+000	-2.5414e+000	-2.7909e-001	0.0000e+000	0.0000e+000
443	374	-1.2201e+000	-1.4176e+000	-2.0951e+000	-2.6377e-001	0.0000e+000	0.0000e+000
	393	-1.0970e+000	-1.4272e+000	-2.1233e+000	-2.5242e-001	0.0000e+000	0.0000e+000
	394	-1.0809e+000	-1.2819e+000	-2.2091e+000	-2.3628e-001	0.0000e+000	0.0000e+000
	375	-1.2036e+000	-1.2689e+000	-2.1829e+000	-2.4725e-001	0.0000e+000	0.0000e+000
444	373	-9.6296e-001	-1.4138e+000	-1.7849e+000	-2.3768e-001	0.0000e+000	0.0000e+000
	392	-8.7050e-001	-1.4232e+000	-1.8172e+000	-2.2937e-001	0.0000e+000	0.0000e+000
	393	-8.5465e-001	-1.2806e+000	-1.8818e+000	-2.1352e-001	0.0000e+000	0.0000e+000
	374	-9.4675e-001	-1.2679e+000	-1.8510e+000	-2.2147e-001	0.0000e+000	0.0000e+000
445	372	-7.2870e-001	-1.4024e+000	-1.4909e+000	-2.1311e-001	0.0000e+000	0.0000e+000
	391	-6.5734e-001	-1.4080e+000	-1.5194e+000	-2.0653e-001	0.0000e+000	0.0000e+000
	392	-6.4422e-001	-1.2899e+000	-1.5691e+000	-1.9341e-001	0.0000e+000	0.0000e+000
	373	-7.1527e-001	-1.2815e+000	-1.5418e+000	-1.9968e-001	0.0000e+000	0.0000e+000
446	371	-5.2105e-001	-1.3690e+000	-1.2113e+000	-1.8900e-001	0.0000e+000	0.0000e+000
	390	-4.6484e-001	-1.3698e+000	-1.2300e+000	-1.8347e-001	0.0000e+000	0.0000e+000
	391	-4.5626e-001	-1.2925e+000	-1.2689e+000	-1.7488e-001	0.0000e+000	0.0000e+000
	372	-5.1226e-001	-1.2899e+000	-1.2511e+000	-1.8021e-001	0.0000e+000	0.0000e+000
447	370	-3.4193e-001	-1.2999e+000	-9.4389e-001	-1.6418e-001	0.0000e+000	0.0000e+000
	389	-2.9730e-001	-1.2964e+000	-9.4808e-001	-1.5937e-001	0.0000e+000	0.0000e+000
	390	-2.9488e-001	-1.2746e+000	-9.7865e-001	-1.5695e-001	0.0000e+000	0.0000e+000
	371	-3.3945e-001	-1.2775e+000	-9.7517e-001	-1.6170e-001	0.0000e+000	0.0000e+000
448	369	-1.9383e-001	-1.1788e+000	-6.8612e-001	-1.3726e-001	0.0000e+000	0.0000e+000
	388	-1.5836e-001	-1.1725e+000	-6.7045e-001	-1.3309e-001	0.0000e+000	0.0000e+000
	389	-1.6394e-001	-1.2228e+000	-6.9448e-001	-1.3867e-001	0.0000e+000	0.0000e+000
	370	-1.9954e-001	-1.2302e+000	-7.1070e-001	-1.4298e-001	0.0000e+000	0.0000e+000
449	368	-8.1741e-002	-9.8374e-001	-4.3313e-001	-1.0655e-001	0.0000e+000	0.0000e+000
	387	-5.3126e-002	-9.7725e-001	-3.9084e-001	-1.0304e-001	0.0000e+000	0.0000e+000
	388	-6.9190e-002	-1.1218e+000	-4.1012e-001	-1.1910e-001	0.0000e+000	0.0000e+000
	369	-9.8178e-002	-1.1317e+000	-4.5286e-001	-1.2299e-001	0.0000e+000	0.0000e+000
450	367	-1.5081e-002	-6.8403e-001	-1.7601e-001	-6.9911e-002	0.0000e+000	0.0000e+000
	386	9.6957e-003	-6.8128e-001	-9.7716e-002	-6.7158e-002	0.0000e+000	0.0000e+000
	387	-2.0361e-002	-9.5179e-001	-1.1463e-001	-9.7215e-002	0.0000e+000	0.0000e+000
	368	-4.5835e-002	-9.6082e-001	-1.9331e-001	-1.0067e-001	0.0000e+000	0.0000e+000

451	365	-2.7642e-001	-1.2116e+000	2.9411e-001	-1.4880e-001	0.0000e+000	0.0000e+000
	384	-3.2584e+000	-4.6944e+000	-2.7553e+000	-7.9528e-001	0.0000e+000	0.0000e+000
	385	-2.3800e+000	3.2114e+000	-1.0037e+000	8.3140e-002	0.0000e+000	0.0000e+000
	366	6.2286e-001	6.8819e+000	2.0873e+000	7.5047e-001	0.0000e+000	0.0000e+000
452	364	-1.3824e+000	-7.1670e-001	-2.4094e-001	-2.0991e-001	0.0000e+000	0.0000e+000
	383	-5.3034e+000	-2.1130e+000	-1.9652e+000	-7.4165e-001	0.0000e+000	0.0000e+000
	384	-5.0189e+000	4.4753e-001	5.7674e-001	-4.5714e-001	0.0000e+000	0.0000e+000
	365	-1.0911e+000	1.9047e+000	2.3614e+000	8.1356e-002	0.0000e+000	0.0000e+000
453	363	-1.5171e+000	-1.9076e+000	-1.4011e+000	-3.4247e-001	0.0000e+000	0.0000e+000
	382	-3.2255e+000	-2.4958e+000	-2.1317e+000	-5.7212e-001	0.0000e+000	0.0000e+000
	383	-3.0996e+000	-1.3631e+000	-1.0227e+000	-4.4627e-001	0.0000e+000	0.0000e+000
	364	-1.3883e+000	-7.4804e-001	-2.6579e-001	-2.1363e-001	0.0000e+000	0.0000e+000
454	362	-1.6659e+000	-2.3861e+000	-2.6852e+000	-4.0520e-001	0.0000e+000	0.0000e+000
	381	-2.2476e+000	-2.2729e+000	-2.6581e+000	-4.5205e-001	0.0000e+000	0.0000e+000
	382	-2.3078e+000	-2.8145e+000	-2.2569e+000	-5.1223e-001	0.0000e+000	0.0000e+000
	363	-1.7275e+000	-2.9405e+000	-2.2746e+000	-4.6680e-001	0.0000e+000	0.0000e+000
455	361	-2.1395e+000	-2.2131e+000	-3.4112e+000	-4.3526e-001	0.0000e+000	0.0000e+000
	380	-1.9701e+000	-1.8899e+000	-3.0875e+000	-3.8600e-001	0.0000e+000	0.0000e+000
	381	-2.0811e+000	-2.8884e+000	-3.1776e+000	-4.9695e-001	0.0000e+000	0.0000e+000
	362	-2.2531e+000	-3.2353e+000	-3.5034e+000	-5.4884e-001	0.0000e+000	0.0000e+000
456	360	-2.4557e+000	-1.8216e+000	-3.5002e+000	-4.2773e-001	0.0000e+000	0.0000e+000
	379	-2.0290e+000	-1.5725e+000	-3.2111e+000	-3.6015e-001	0.0000e+000	0.0000e+000
	380	-2.1087e+000	-2.2893e+000	-3.4804e+000	-4.3980e-001	0.0000e+000	0.0000e+000
	361	-2.5373e+000	-2.5554e+000	-3.7759e+000	-5.0927e-001	0.0000e+000	0.0000e+000
457	359	-2.4444e+000	-1.4981e+000	-3.2442e+000	-3.9425e-001	0.0000e+000	0.0000e+000
	378	-2.0561e+000	-1.3733e+000	-3.0843e+000	-3.4294e-001	0.0000e+000	0.0000e+000
	379	-2.0913e+000	-1.6900e+000	-3.3370e+000	-3.7814e-001	0.0000e+000	0.0000e+000
	360	-2.4805e+000	-1.8224e+000	-3.5029e+000	-4.3029e-001	0.0000e+000	0.0000e+000
458	358	-2.2227e+000	-1.3060e+000	-2.8844e+000	-3.5287e-001	0.0000e+000	0.0000e+000
	377	-1.9427e+000	-1.2631e+000	-2.8254e+000	-3.2058e-001	0.0000e+000	0.0000e+000
	378	-1.9483e+000	-1.3132e+000	-3.0112e+000	-3.2614e-001	0.0000e+000	0.0000e+000
	359	-2.2284e+000	-1.3572e+000	-3.0746e+000	-3.5857e-001	0.0000e+000	0.0000e+000
459	357	-1.9148e+000	-1.2169e+000	-2.5214e+000	-3.1318e-001	0.0000e+000	0.0000e+000
	376	-1.7271e+000	-1.2153e+000	-2.5214e+000	-2.9425e-001	0.0000e+000	0.0000e+000
	377	-1.7170e+000	-1.1242e+000	-2.6479e+000	-2.8412e-001	0.0000e+000	0.0000e+000
	358	-1.9045e+000	-1.1237e+000	-2.6510e+000	-3.0281e-001	0.0000e+000	0.0000e+000
460	356	-1.5906e+000	-1.1892e+000	-2.1841e+000	-2.7797e-001	0.0000e+000	0.0000e+000
	375	-1.4658e+000	-1.2038e+000	-2.2129e+000	-2.6696e-001	0.0000e+000	0.0000e+000
	376	-1.4490e+000	-1.0521e+000	-2.2982e+000	-2.5011e-001	0.0000e+000	0.0000e+000
	357	-1.5733e+000	-1.0340e+000	-2.2714e+000	-2.6073e-001	0.0000e+000	0.0000e+000
461	355	-1.2822e+000	-1.1896e+000	-1.8746e+000	-2.4718e-001	0.0000e+000	0.0000e+000
	374	-1.1967e+000	-1.2073e+000	-1.9139e+000	-2.4040e-001	0.0000e+000	0.0000e+000
	375	-1.1783e+000	-1.0417e+000	-1.9729e+000	-2.2201e-001	0.0000e+000	0.0000e+000
	356	-1.2633e+000	-1.0201e+000	-1.9350e+000	-2.2835e-001	0.0000e+000	0.0000e+000
462	354	-1.0021e+000	-1.1954e+000	-1.5879e+000	-2.1975e-001	0.0000e+000	0.0000e+000
	373	-9.4031e-001	-1.2100e+000	-1.6270e+000	-2.1503e-001	0.0000e+000	0.0000e+000
	374	-9.2338e-001	-1.0576e+000	-1.6698e+000	-1.9810e-001	0.0000e+000	0.0000e+000
	355	-9.8476e-001	-1.0394e+000	-1.6317e+000	-2.0242e-001	0.0000e+000	0.0000e+000
463	353	-7.5372e-001	-1.1906e+000	-1.3189e+000	-1.9444e-001	0.0000e+000	0.0000e+000
	372	-7.0617e-001	-1.1997e+000	-1.3511e+000	-1.9058e-001	0.0000e+000	0.0000e+000
	373	-6.9262e-001	-1.0777e+000	-1.3839e+000	-1.7703e-001	0.0000e+000	0.0000e+000
	354	-7.3985e-001	-1.0658e+000	-1.3524e+000	-1.8056e-001	0.0000e+000	0.0000e+000
464	352	-5.3701e-001	-1.1623e+000	-1.0643e+000	-1.6993e-001	0.0000e+000	0.0000e+000
	371	-4.9842e-001	-1.1654e+000	-1.0850e+000	-1.6638e-001	0.0000e+000	0.0000e+000
	372	-4.8973e-001	-1.0872e+000	-1.1113e+000	-1.5769e-001	0.0000e+000	0.0000e+000
	353	-5.2811e-001	-1.0823e+000	-1.0912e+000	-1.6104e-001	0.0000e+000	0.0000e+000
465	351	-3.5158e-001	-1.0972e+000	-8.2245e-001	-1.4488e-001	0.0000e+000	0.0000e+000
	370	-3.1918e-001	-1.0951e+000	-8.2717e-001	-1.4143e-001	0.0000e+000	0.0000e+000

	371	-3.1683e-001	-1.0739e+000	-8.4889e-001	-1.3907e-001	0.0000e+000	0.0000e+000
	352	-3.4917e-001	-1.0755e+000	-8.4468e-001	-1.4247e-001	0.0000e+000	0.0000e+000
466	350	-1.9868e-001	-9.7870e-001	-5.9206e-001	-1.1774e-001	0.0000e+000	0.0000e+000
	369	-1.7098e-001	-9.7318e-001	-5.7571e-001	-1.1442e-001	0.0000e+000	0.0000e+000
	370	-1.7679e-001	-1.0254e+000	-5.9399e-001	-1.2022e-001	0.0000e+000	0.0000e+000
	351	-2.0462e-001	-1.0322e+000	-6.1078e-001	-1.2368e-001	0.0000e+000	0.0000e+000
467	349	-8.2784e-002	-7.8374e-001	-3.7112e-001	-8.6652e-002	0.0000e+000	0.0000e+000
	368	-5.8836e-002	-7.7760e-001	-3.2675e-001	-8.3643e-002	0.0000e+000	0.0000e+000
	369	-7.5335e-002	-9.2609e-001	-3.4245e-001	-1.0014e-001	0.0000e+000	0.0000e+000
	350	-9.9674e-002	-9.3576e-001	-3.8719e-001	-1.0354e-001	0.0000e+000	0.0000e+000
468	348	-1.3404e-002	-4.7956e-001	-1.5494e-001	-4.9297e-002	0.0000e+000	0.0000e+000
	367	7.9008e-003	-4.7720e-001	-7.2721e-002	-4.6929e-002	0.0000e+000	0.0000e+000
	368	-2.2930e-002	-7.5467e-001	-8.6925e-002	-7.7760e-002	0.0000e+000	0.0000e+000
	349	-4.4967e-002	-7.6363e-001	-1.6948e-001	-8.0859e-002	0.0000e+000	0.0000e+000
469	346	5.4965e-001	-7.0357e-001	-2.1705e-001	-1.5392e-002	0.0000e+000	0.0000e+000
	365	-5.5741e-001	-3.7405e+000	-2.5926e+000	-4.2979e-001	0.0000e+000	0.0000e+000
	366	2.3552e-001	3.3958e+000	-2.0854e+000	3.6314e-001	0.0000e+000	0.0000e+000
	347	1.3619e+000	6.6063e+000	3.0245e-001	7.9682e-001	0.0000e+000	0.0000e+000
470	345	-1.0945e-001	-2.0756e+000	-2.9790e-001	-2.1850e-001	0.0000e+000	0.0000e+000
	364	-1.6652e+000	-3.2622e+000	-1.4636e+000	-4.9274e-001	0.0000e+000	0.0000e+000
	365	-1.3721e+000	-6.2424e-001	-5.2532e-001	-1.9963e-001	0.0000e+000	0.0000e+000
	346	1.9079e-001	6.2655e-001	6.6323e-001	8.1734e-002	0.0000e+000	0.0000e+000
471	344	-7.9422e-001	-2.9452e+000	-1.9607e+000	-3.7394e-001	0.0000e+000	0.0000e+000
	363	-1.6267e+000	-2.8936e+000	-2.0409e+000	-4.5203e-001	0.0000e+000	0.0000e+000
	364	-1.6711e+000	-3.2936e+000	-1.4885e+000	-4.9647e-001	0.0000e+000	0.0000e+000
	345	-8.3974e-001	-3.3549e+000	-1.3950e+000	-4.1946e-001	0.0000e+000	0.0000e+000
472	343	-1.9077e+000	-2.7752e+000	-3.3681e+000	-4.6830e-001	0.0000e+000	0.0000e+000
	362	-1.6393e+000	-2.1470e+000	-2.7834e+000	-3.7864e-001	0.0000e+000	0.0000e+000
	363	-1.8371e+000	-3.9265e+000	-2.9143e+000	-5.7636e-001	0.0000e+000	0.0000e+000
	344	-2.1103e+000	-4.5980e+000	-3.5021e+000	-6.7083e-001	0.0000e+000	0.0000e+000
473	342	-2.8086e+000	-2.0991e+000	-3.7266e+000	-4.9077e-001	0.0000e+000	0.0000e+000
	361	-2.0683e+000	-1.5722e+000	-3.1524e+000	-3.6405e-001	0.0000e+000	0.0000e+000
	362	-2.2266e+000	-2.9963e+000	-3.6016e+000	-5.2229e-001	0.0000e+000	0.0000e+000
	343	-2.9707e+000	-3.5579e+000	-4.1868e+000	-6.5286e-001	0.0000e+000	0.0000e+000
474	341	-3.0060e+000	-1.5179e+000	-3.4427e+000	-4.5239e-001	0.0000e+000	0.0000e+000
	360	-2.3935e+000	-1.2617e+000	-3.1323e+000	-3.6553e-001	0.0000e+000	0.0000e+000
	361	-2.4661e+000	-1.9145e+000	-3.5171e+000	-4.3806e-001	0.0000e+000	0.0000e+000
	342	-3.0803e+000	-2.1866e+000	-3.8369e+000	-5.2669e-001	0.0000e+000	0.0000e+000
475	340	-2.7822e+000	-1.1760e+000	-3.0080e+000	-3.9582e-001	0.0000e+000	0.0000e+000
	359	-2.3988e+000	-1.0870e+000	-2.8888e+000	-3.4858e-001	0.0000e+000	0.0000e+000
	360	-2.4183e+000	-1.2626e+000	-3.1350e+000	-3.6808e-001	0.0000e+000	0.0000e+000
	341	-2.8021e+000	-1.3558e+000	-3.2601e+000	-4.1579e-001	0.0000e+000	0.0000e+000
476	339	-2.4081e+000	-1.0161e+000	-2.5925e+000	-3.4243e-001	0.0000e+000	0.0000e+000
	358	-2.1894e+000	-1.0063e+000	-2.5759e+000	-3.1957e-001	0.0000e+000	0.0000e+000
	359	-2.1827e+000	-9.4617e-001	-2.7193e+000	-3.1289e-001	0.0000e+000	0.0000e+000
	340	-2.4013e+000	-9.5457e-001	-2.7394e+000	-3.3559e-001	0.0000e+000	0.0000e+000
477	338	-2.0095e+000	-9.6184e-001	-2.2309e+000	-2.9714e-001	0.0000e+000	0.0000e+000
	357	-1.8888e+000	-9.8274e-001	-2.2614e+000	-2.8715e-001	0.0000e+000	0.0000e+000
	358	-1.8712e+000	-8.2398e-001	-2.3425e+000	-2.6951e-001	0.0000e+000	0.0000e+000
	339	-1.9915e+000	-7.9922e-001	-2.3140e+000	-2.7907e-001	0.0000e+000	0.0000e+000
478	337	-1.6354e+000	-9.5935e-001	-1.9169e+000	-2.5947e-001	0.0000e+000	0.0000e+000
	356	-1.5682e+000	-9.8807e-001	-1.9650e+000	-2.5563e-001	0.0000e+000	0.0000e+000
	357	-1.5473e+000	-7.9976e-001	-2.0114e+000	-2.3470e-001	0.0000e+000	0.0000e+000
	338	-1.6140e+000	-7.6646e-001	-1.9644e+000	-2.3804e-001	0.0000e+000	0.0000e+000
479	336	-1.3010e+000	-9.7576e-001	-1.6370e+000	-2.2768e-001	0.0000e+000	0.0000e+000
	355	-1.2613e+000	-1.0021e+000	-1.6878e+000	-2.2635e-001	0.0000e+000	0.0000e+000
	356	-1.2410e+000	-8.1903e-001	-1.7159e+000	-2.0600e-001	0.0000e+000	0.0000e+000
	337	-1.2802e+000	-7.8821e-001	-1.6658e+000	-2.0684e-001	0.0000e+000	0.0000e+000

480	335	-1.0083e+000	-9.9127e-001	-1.3803e+000	-1.9996e-001	0.0000e+000	0.0000e+000
	354	-9.8163e-001	-1.0113e+000	-1.4259e+000	-1.9929e-001	0.0000e+000	0.0000e+000
	355	-9.6393e-001	-8.5196e-001	-1.4449e+000	-1.8159e-001	0.0000e+000	0.0000e+000
	336	-9.9016e-001	-8.2809e-001	-1.3998e+000	-1.8183e-001	0.0000e+000	0.0000e+000
481	334	-7.5436e-001	-9.9281e-001	-1.1398e+000	-1.7472e-001	0.0000e+000	0.0000e+000
	353	-7.3313e-001	-1.0053e+000	-1.1755e+000	-1.7384e-001	0.0000e+000	0.0000e+000
	354	-7.1939e-001	-8.8164e-001	-1.1904e+000	-1.6010e-001	0.0000e+000	0.0000e+000
	335	-7.4029e-001	-8.6614e-001	-1.1550e+000	-1.6064e-001	0.0000e+000	0.0000e+000
482	333	-5.3570e-001	-9.6949e-001	-9.1221e-001	-1.5052e-001	0.0000e+000	0.0000e+000
	352	-5.1617e-001	-9.7480e-001	-9.3456e-001	-1.4910e-001	0.0000e+000	0.0000e+000
	353	-5.0752e-001	-8.9691e-001	-9.4782e-001	-1.4044e-001	0.0000e+000	0.0000e+000
	334	-5.2683e-001	-8.8971e-001	-9.2579e-001	-1.4165e-001	0.0000e+000	0.0000e+000
483	332	-3.4996e-001	-9.0925e-001	-6.9691e-001	-1.2592e-001	0.0000e+000	0.0000e+000
	351	-3.3063e-001	-9.0858e-001	-7.0223e-001	-1.2392e-001	0.0000e+000	0.0000e+000
	352	-3.2834e-001	-8.8802e-001	-7.1492e-001	-1.2164e-001	0.0000e+000	0.0000e+000
	333	-3.4762e-001	-8.8819e-001	-7.0992e-001	-1.2358e-001	0.0000e+000	0.0000e+000
484	331	-1.9725e-001	-7.9593e-001	-4.9460e-001	-9.9318e-002	0.0000e+000	0.0000e+000
	350	-1.7785e-001	-7.9126e-001	-4.7811e-001	-9.6911e-002	0.0000e+000	0.0000e+000
	351	-1.8367e-001	-8.4359e-001	-4.9056e-001	-1.0273e-001	0.0000e+000	0.0000e+000
	332	-2.0321e-001	-8.4953e-001	-5.0735e-001	-1.0527e-001	0.0000e+000	0.0000e+000
485	330	-8.1376e-002	-6.0628e-001	-3.0629e-001	-6.8766e-002	0.0000e+000	0.0000e+000
	349	-6.2438e-002	-6.0063e-001	-2.6118e-001	-6.6307e-002	0.0000e+000	0.0000e+000
	350	-7.8847e-002	-7.4831e-001	-2.7324e-001	-8.2716e-002	0.0000e+000	0.0000e+000
	331	-9.8184e-002	-7.5755e-001	-3.1865e-001	-8.5574e-002	0.0000e+000	0.0000e+000
486	329	-1.1530e-002	-3.0670e-001	-1.3181e-001	-3.1823e-002	0.0000e+000	0.0000e+000
	348	6.0200e-003	-3.0475e-001	-4.8113e-002	-2.9873e-002	0.0000e+000	0.0000e+000
	349	-2.4621e-002	-5.8052e-001	-5.9536e-002	-6.0514e-002	0.0000e+000	0.0000e+000
	330	-4.2917e-002	-5.8918e-001	-1.4351e-001	-6.3209e-002	0.0000e+000	0.0000e+000
487	327	6.7669e-001	-1.0226e+000	-1.8076e-001	-3.4592e-002	0.0000e+000	0.0000e+000
	346	1.9245e-001	-3.9184e+000	-2.3374e+000	-3.7259e-001	0.0000e+000	0.0000e+000
	347	9.4699e-001	2.8725e+000	-2.2330e+000	3.8195e-001	0.0000e+000	0.0000e+000
	328	1.4500e+000	5.9375e+000	-7.3693e-002	7.3875e-001	0.0000e+000	0.0000e+000
488	326	1.3811e-001	-3.4586e+000	-1.1385e+000	-3.3205e-001	0.0000e+000	0.0000e+000
	345	-3.3561e-001	-4.1111e+000	-1.7151e+000	-4.4467e-001	0.0000e+000	0.0000e+000
	346	-1.6641e-001	-2.5882e+000	-1.4572e+000	-2.7546e-001	0.0000e+000	0.0000e+000
	327	3.1153e-001	-1.8978e+000	-8.7415e-001	-1.5863e-001	0.0000e+000	0.0000e+000
489	325	-1.4182e+000	-3.7510e+000	-3.4414e+000	-5.1692e-001	0.0000e+000	0.0000e+000
	344	-7.6431e-001	-2.6760e+000	-2.4686e+000	-3.4403e-001	0.0000e+000	0.0000e+000
	345	-1.0659e+000	-5.3904e+000	-2.8122e+000	-6.4563e-001	0.0000e+000	0.0000e+000
	326	-1.7273e+000	-6.5330e+000	-3.7936e+000	-8.2603e-001	0.0000e+000	0.0000e+000
490	324	-3.3554e+000	-2.6894e+000	-4.2616e+000	-6.0448e-001	0.0000e+000	0.0000e+000
	343	-1.7726e+000	-1.5588e+000	-3.0730e+000	-3.3314e-001	0.0000e+000	0.0000e+000
	344	-2.0804e+000	-4.3288e+000	-4.0099e+000	-6.4092e-001	0.0000e+000	0.0000e+000
	325	-3.6709e+000	-5.5284e+000	-5.2219e+000	-9.1993e-001	0.0000e+000	0.0000e+000
491	323	-3.8302e+000	-1.6641e+000	-3.7938e+000	-5.4943e-001	0.0000e+000	0.0000e+000
	342	-2.7044e+000	-1.1614e+000	-3.2039e+000	-3.8658e-001	0.0000e+000	0.0000e+000
	343	-2.8355e+000	-2.3414e+000	-3.8918e+000	-5.1770e-001	0.0000e+000	0.0000e+000
	324	-3.9646e+000	-2.8736e+000	-4.4989e+000	-6.8382e-001	0.0000e+000	0.0000e+000
492	322	-3.5174e+000	-1.0842e+000	-3.1630e+000	-4.6016e-001	0.0000e+000	0.0000e+000
	341	-2.9400e+000	-9.2416e-001	-2.9544e+000	-3.8642e-001	0.0000e+000	0.0000e+000
	342	-2.9761e+000	-1.2489e+000	-3.3141e+000	-4.2250e-001	0.0000e+000	0.0000e+000
	323	-3.5544e+000	-1.4171e+000	-3.5317e+000	-4.9714e-001	0.0000e+000	0.0000e+000
493	321	-3.0028e+000	-8.2349e-001	-2.6367e+000	-3.8262e-001	0.0000e+000	0.0000e+000
	340	-2.7411e+000	-8.0646e-001	-2.6047e+000	-3.5476e-001	0.0000e+000	0.0000e+000
	341	-2.7362e+000	-7.6201e-001	-2.7717e+000	-3.4982e-001	0.0000e+000	0.0000e+000
	322	-2.9977e+000	-7.7795e-001	-2.8079e+000	-3.7756e-001	0.0000e+000	0.0000e+000
494	320	-2.4839e+000	-7.3397e-001	-2.2278e+000	-3.2179e-001	0.0000e+000	0.0000e+000
	339	-2.3805e+000	-7.6737e-001	-2.2673e+000	-3.1479e-001	0.0000e+000	0.0000e+000

	340	-2.3602e+000	-5.8502e-001	-2.3362e+000	-2.9453e-001	0.0000e+000	0.0000e+000
	321	-2.4631e+000	-5.4708e-001	-2.2983e+000	-3.0102e-001	0.0000e+000	0.0000e+000
495	319	-2.0182e+000	-7.2582e-001	-1.9027e+000	-2.7440e-001	0.0000e+000	0.0000e+000
	338	-1.9884e+000	-7.7149e-001	-1.9664e+000	-2.7599e-001	0.0000e+000	0.0000e+000
	339	-1.9638e+000	-5.5045e-001	-1.9888e+000	-2.5143e-001	0.0000e+000	0.0000e+000
	320	-1.9930e+000	-4.9928e-001	-1.9256e+000	-2.4923e-001	0.0000e+000	0.0000e+000
496	318	-1.6157e+000	-7.5014e-001	-1.6306e+000	-2.3659e-001	0.0000e+000	0.0000e+000
	337	-1.6169e+000	-7.9298e-001	-1.6976e+000	-2.4099e-001	0.0000e+000	0.0000e+000
	338	-1.5928e+000	-5.7611e-001	-1.6999e+000	-2.1689e-001	0.0000e+000	0.0000e+000
	319	-1.5910e+000	-5.2786e-001	-1.6329e+000	-2.1189e-001	0.0000e+000	0.0000e+000
497	317	-1.2722e+000	-7.8104e-001	-1.3900e+000	-2.0532e-001	0.0000e+000	0.0000e+000
	336	-1.2832e+000	-8.1567e-001	-1.4511e+000	-2.0989e-001	0.0000e+000	0.0000e+000
	337	-1.2617e+000	-6.2184e-001	-1.4465e+000	-1.8835e-001	0.0000e+000	0.0000e+000
	318	-1.2501e+000	-5.8237e-001	-1.3853e+000	-1.8325e-001	0.0000e+000	0.0000e+000
498	316	-9.7934e-001	-8.0433e-001	-1.1682e+000	-1.7837e-001	0.0000e+000	0.0000e+000
	335	-9.9030e-001	-8.2938e-001	-1.2192e+000	-1.8197e-001	0.0000e+000	0.0000e+000
	336	-9.7237e-001	-6.6800e-001	-1.2139e+000	-1.6404e-001	0.0000e+000	0.0000e+000
	317	-9.6096e-001	-6.3893e-001	-1.1628e+000	-1.5999e-001	0.0000e+000	0.0000e+000
499	315	-7.2942e-001	-8.1076e-001	-9.5852e-001	-1.5402e-001	0.0000e+000	0.0000e+000
	334	-7.3589e-001	-8.2654e-001	-9.9693e-001	-1.5624e-001	0.0000e+000	0.0000e+000
	335	-7.2230e-001	-7.0425e-001	-9.9390e-001	-1.4265e-001	0.0000e+000	0.0000e+000
	316	-7.1549e-001	-6.8543e-001	-9.5541e-001	-1.4009e-001	0.0000e+000	0.0000e+000
500	314	-5.1639e-001	-7.9194e-001	-7.5906e-001	-1.3083e-001	0.0000e+000	0.0000e+000
	333	-5.1681e-001	-7.9947e-001	-7.8268e-001	-1.3163e-001	0.0000e+000	0.0000e+000
	334	-5.0836e-001	-7.2343e-001	-7.8295e-001	-1.2318e-001	0.0000e+000	0.0000e+000
	315	-5.0773e-001	-7.1400e-001	-7.5933e-001	-1.2217e-001	0.0000e+000	0.0000e+000
501	313	-3.3660e-001	-7.3735e-001	-5.7074e-001	-1.0739e-001	0.0000e+000	0.0000e+000
	332	-3.3096e-001	-7.3820e-001	-5.7670e-001	-1.0692e-001	0.0000e+000	0.0000e+000
	333	-3.2873e-001	-7.1817e-001	-5.8038e-001	-1.0469e-001	0.0000e+000	0.0000e+000
	314	-3.3432e-001	-7.1682e-001	-5.7452e-001	-1.0511e-001	0.0000e+000	0.0000e+000
502	312	-1.8928e-001	-6.3191e-001	-3.9649e-001	-8.2119e-002	0.0000e+000	0.0000e+000
	331	-1.7862e-001	-6.2825e-001	-3.8054e-001	-8.0688e-002	0.0000e+000	0.0000e+000
	332	-1.8420e-001	-6.7848e-001	-3.8713e-001	-8.6269e-002	0.0000e+000	0.0000e+000
	313	-1.9500e-001	-6.8339e-001	-4.0325e-001	-8.7840e-002	0.0000e+000	0.0000e+000
503	311	-7.7439e-002	-4.5316e-001	-2.4047e-001	-5.3060e-002	0.0000e+000	0.0000e+000
	330	-6.3807e-002	-4.4816e-001	-1.9618e-001	-5.1197e-002	0.0000e+000	0.0000e+000
	331	-7.9553e-002	-5.8988e-001	-2.0458e-001	-6.6943e-002	0.0000e+000	0.0000e+000
	312	-9.3578e-002	-5.9841e-001	-2.4909e-001	-6.9199e-002	0.0000e+000	0.0000e+000
504	310	-9.5175e-003	-1.6774e-001	-1.0714e-001	-1.7726e-002	0.0000e+000	0.0000e+000
	329	4.0769e-003	-1.6623e-001	-2.4766e-002	-1.6215e-002	0.0000e+000	0.0000e+000
	330	-2.5348e-002	-4.3105e-001	-3.3399e-002	-4.5640e-002	0.0000e+000	0.0000e+000
	311	-3.9675e-002	-4.3916e-001	-1.1599e-001	-4.7884e-002	0.0000e+000	0.0000e+000
505	308	1.7966e-001	-2.5806e+000	-5.2816e-002	-2.4010e-001	0.0000e+000	0.0000e+000
	327	1.6823e-001	-5.5987e+000	-2.2069e+000	-5.4304e-001	0.0000e+000	0.0000e+000
	328	9.4922e-001	1.4302e+000	-2.4100e+000	2.3794e-001	0.0000e+000	0.0000e+000
	309	9.8062e-001	4.6279e+000	-2.6107e-001	5.6085e-001	0.0000e+000	0.0000e+000
506	307	-8.9135e-001	-4.9598e+000	-3.4504e+000	-5.8511e-001	0.0000e+000	0.0000e+000
	326	1.0599e-001	-3.7477e+000	-2.3595e+000	-3.6417e-001	0.0000e+000	0.0000e+000
	327	-1.9692e-001	-6.4739e+000	-2.9003e+000	-6.6708e-001	0.0000e+000	0.0000e+000
	308	-1.2020e+000	-7.7557e+000	-4.0050e+000	-8.9577e-001	0.0000e+000	0.0000e+000
507	306	-4.8416e+000	-3.7164e+000	-5.4961e+000	-8.5580e-001	0.0000e+000	0.0000e+000
	325	-1.1303e+000	-1.1596e+000	-2.8658e+000	-2.2899e-001	0.0000e+000	0.0000e+000
	326	-1.7594e+000	-6.8221e+000	-5.0145e+000	-8.5815e-001	0.0000e+000	0.0000e+000
	307	-5.4869e+000	-9.5236e+000	-7.6997e+000	-1.5010e+000	0.0000e+000	0.0000e+000
508	305	-5.3617e+000	-1.9208e+000	-4.4261e+000	-7.2825e-001	0.0000e+000	0.0000e+000
	324	-3.1664e+000	-9.8800e-001	-3.3350e+000	-4.1544e-001	0.0000e+000	0.0000e+000
	325	-3.3829e+000	-2.9371e+000	-4.6463e+000	-6.3200e-001	0.0000e+000	0.0000e+000
	306	-5.5838e+000	-3.9197e+000	-5.7709e+000	-9.5035e-001	0.0000e+000	0.0000e+000

509	304	-4.5926e+000	-9.9114e-001	-3.3534e+000	-5.5837e-001	0.0000e+000	0.0000e+000
	323	-3.7297e+000	-7.5996e-001	-3.0475e+000	-4.4897e-001	0.0000e+000	0.0000e+000
	324	-3.7756e+000	-1.1722e+000	-3.5723e+000	-4.9478e-001	0.0000e+000	0.0000e+000
	305	-4.6396e+000	-1.4140e+000	-3.8917e+000	-6.0535e-001	0.0000e+000	0.0000e+000
510	303	-3.7439e+000	-6.1466e-001	-2.6318e+000	-4.3586e-001	0.0000e+000	0.0000e+000
	322	-3.4652e+000	-6.1447e-001	-2.6106e+000	-4.0797e-001	0.0000e+000	0.0000e+000
	323	-3.4539e+000	-5.1289e-001	-2.7854e+000	-3.9668e-001	0.0000e+000	0.0000e+000
	304	-3.7324e+000	-5.1050e-001	-2.8110e+000	-4.2429e-001	0.0000e+000	0.0000e+000
511	302	-3.0159e+000	-4.9509e-001	-2.1527e+000	-3.5110e-001	0.0000e+000	0.0000e+000
	321	-2.9735e+000	-5.6044e-001	-2.2244e+000	-3.5340e-001	0.0000e+000	0.0000e+000
	322	-2.9455e+000	-3.0817e-001	-2.2555e+000	-3.2537e-001	0.0000e+000	0.0000e+000
	303	-2.9872e+000	-2.3638e-001	-2.1846e+000	-3.2235e-001	0.0000e+000	0.0000e+000
512	301	-2.4185e+000	-4.8748e-001	-1.8147e+000	-2.9060e-001	0.0000e+000	0.0000e+000
	320	-2.4649e+000	-5.6308e-001	-1.9098e+000	-3.0280e-001	0.0000e+000	0.0000e+000
	321	-2.4339e+000	-2.8402e-001	-1.8860e+000	-2.7179e-001	0.0000e+000	0.0000e+000
	302	-2.3867e+000	-2.0128e-001	-1.7903e+000	-2.5880e-001	0.0000e+000	0.0000e+000
513	300	-1.9302e+000	-5.2289e-001	-1.5556e+000	-2.4531e-001	0.0000e+000	0.0000e+000
	319	-2.0031e+000	-5.9056e-001	-1.6487e+000	-2.5937e-001	0.0000e+000	0.0000e+000
	320	-1.9740e+000	-3.2839e-001	-1.6077e+000	-2.3024e-001	0.0000e+000	0.0000e+000
	301	-1.9004e+000	-2.5402e-001	-1.5136e+000	-2.1544e-001	0.0000e+000	0.0000e+000
514	299	-1.5287e+000	-5.6861e-001	-1.3387e+000	-2.0973e-001	0.0000e+000	0.0000e+000
	318	-1.6016e+000	-6.2332e-001	-1.4209e+000	-2.2250e-001	0.0000e+000	0.0000e+000
	319	-1.5760e+000	-3.9259e-001	-1.3789e+000	-1.9686e-001	0.0000e+000	0.0000e+000
	300	-1.5024e+000	-3.3198e-001	-1.2957e+000	-1.8344e-001	0.0000e+000	0.0000e+000
515	298	-1.1951e+000	-6.0914e-001	-1.1432e+000	-1.8042e-001	0.0000e+000	0.0000e+000
	317	-1.2577e+000	-6.5055e-001	-1.2119e+000	-1.9082e-001	0.0000e+000	0.0000e+000
	318	-1.2360e+000	-4.5555e-001	-1.1756e+000	-1.6916e-001	0.0000e+000	0.0000e+000
	299	-1.1729e+000	-4.0915e-001	-1.1059e+000	-1.5820e-001	0.0000e+000	0.0000e+000
516	297	-9.1524e-001	-6.3667e-001	-9.5855e-001	-1.5519e-001	0.0000e+000	0.0000e+000
	316	-9.6396e-001	-6.6594e-001	-1.0132e+000	-1.6299e-001	0.0000e+000	0.0000e+000
	317	-9.4646e-001	-5.0844e-001	-9.8466e-001	-1.4549e-001	0.0000e+000	0.0000e+000
	298	-8.9729e-001	-4.7514e-001	-9.2932e-001	-1.3724e-001	0.0000e+000	0.0000e+000
517	296	-6.7882e-001	-6.4586e-001	-7.8059e-001	-1.3247e-001	0.0000e+000	0.0000e+000
	315	-7.1316e-001	-6.6450e-001	-8.2064e-001	-1.3777e-001	0.0000e+000	0.0000e+000
	316	-7.0011e-001	-5.4705e-001	-8.0041e-001	-1.2472e-001	0.0000e+000	0.0000e+000
	297	-6.6543e-001	-5.2540e-001	-7.5983e-001	-1.1908e-001	0.0000e+000	0.0000e+000
518	295	-4.7882e-001	-6.3071e-001	-6.0935e-001	-1.1095e-001	0.0000e+000	0.0000e+000
	314	-4.9954e-001	-6.4034e-001	-6.3378e-001	-1.1399e-001	0.0000e+000	0.0000e+000
	315	-4.9148e-001	-5.6774e-001	-6.2146e-001	-1.0592e-001	0.0000e+000	0.0000e+000
	296	-4.7055e-001	-5.5625e-001	-5.9672e-001	-1.0268e-001	0.0000e+000	0.0000e+000
519	294	-3.1114e-001	-5.8246e-001	-4.4774e-001	-8.9360e-002	0.0000e+000	0.0000e+000
	313	-3.1966e-001	-5.8489e-001	-4.5441e-001	-9.0455e-002	0.0000e+000	0.0000e+000
	314	-3.1747e-001	-5.6522e-001	-4.4924e-001	-8.8270e-002	0.0000e+000	0.0000e+000
	295	-3.0890e-001	-5.6228e-001	-4.4244e-001	-8.7118e-002	0.0000e+000	0.0000e+000
520	293	-1.7445e-001	-4.8760e-001	-3.0082e-001	-6.6205e-002	0.0000e+000	0.0000e+000
	312	-1.7297e-001	-4.8512e-001	-2.8616e-001	-6.5809e-002	0.0000e+000	0.0000e+000
	313	-1.7806e-001	-5.3094e-001	-2.8692e-001	-7.0901e-002	0.0000e+000	0.0000e+000
	294	-1.7968e-001	-5.3459e-001	-3.0159e-001	-7.1427e-002	0.0000e+000	0.0000e+000
521	292	-7.0829e-002	-3.2540e-001	-1.7573e-001	-3.9623e-002	0.0000e+000	0.0000e+000
	311	-6.2778e-002	-3.2121e-001	-1.3400e-001	-3.8399e-002	0.0000e+000	0.0000e+000
	312	-7.7268e-002	-4.5162e-001	-1.3876e-001	-5.2889e-002	0.0000e+000	0.0000e+000
	293	-8.5690e-002	-4.5914e-001	-1.8061e-001	-5.4483e-002	0.0000e+000	0.0000e+000
522	291	-7.4067e-003	-6.4035e-002	-8.1540e-002	-7.1442e-003	0.0000e+000	0.0000e+000
	310	2.1231e-003	-6.2976e-002	-3.6245e-003	-6.0853e-003	0.0000e+000	0.0000e+000
	311	-2.5014e-002	-3.0721e-001	-9.5251e-003	-3.3223e-002	0.0000e+000	0.0000e+000
	292	-3.5238e-002	-3.1451e-001	-8.7591e-002	-3.4975e-002	0.0000e+000	0.0000e+000
523	289	1.2021e-001	-5.5476e+000	-2.0985e+000	-5.4274e-001	0.0000e+000	0.0000e+000
	308	-3.0576e-001	-6.9495e+000	-3.1789e+000	-7.2552e-001	0.0000e+000	0.0000e+000

	309	3.5939e-002	-3.8742e+000	-3.0138e+000	-3.8382e-001	0.0000e+000	0.0000e+000
	290	4.7087e-001	-2.3916e+000	-1.9291e+000	-1.9208e-001	0.0000e+000	0.0000e+000
524	288	-1.0081e+001	-5.5154e+000	-8.2035e+000	-1.5597e+000	0.0000e+000	0.0000e+000
	307	-2.2527e-001	1.0350e+000	-1.5546e+000	8.0970e-002	0.0000e+000	0.0000e+000
	308	-1.6874e+000	-1.2124e+001	-7.1311e+000	-1.3812e+000	0.0000e+000	0.0000e+000
	289	-1.1582e+001	-1.9020e+001	-1.3926e+001	-3.0602e+000	0.0000e+000	0.0000e+000
525	287	-8.4831e+000	-2.1695e+000	-5.3564e+000	-1.0653e+000	0.0000e+000	0.0000e+000
	306	-4.4932e+000	-5.8026e-001	-3.4744e+000	-5.0734e-001	0.0000e+000	0.0000e+000
	307	-4.8208e+000	-3.5288e+000	-5.8039e+000	-8.3496e-001	0.0000e+000	0.0000e+000
	288	-8.8193e+000	-5.1954e+000	-7.7470e+000	-1.4015e+000	0.0000e+000	0.0000e+000
526	286	-6.1822e+000	-7.7951e-001	-3.4403e+000	-6.9617e-001	0.0000e+000	0.0000e+000
	305	-5.2159e+000	-6.0871e-001	-3.1705e+000	-5.8246e-001	0.0000e+000	0.0000e+000
	306	-5.2353e+000	-7.8360e-001	-3.7492e+000	-6.0189e-001	0.0000e+000	0.0000e+000
	287	-6.2021e+000	-9.5899e-001	-4.0342e+000	-7.1611e-001	0.0000e+000	0.0000e+000
527	285	-4.6266e+000	-3.3765e-001	-2.4819e+000	-4.9643e-001	0.0000e+000	0.0000e+000
	304	-4.5315e+000	-4.4149e-001	-2.5709e+000	-4.9730e-001	0.0000e+000	0.0000e+000
	305	-4.4938e+000	-1.0184e-001	-2.6360e+000	-4.5956e-001	0.0000e+000	0.0000e+000
	286	-4.5879e+000	1.0912e-002	-2.5488e+000	-4.5770e-001	0.0000e+000	0.0000e+000
528	284	-3.5676e+000	-2.2675e-001	-1.9501e+000	-3.7943e-001	0.0000e+000	0.0000e+000
	303	-3.7168e+000	-3.7079e-001	-2.1099e+000	-4.0876e-001	0.0000e+000	0.0000e+000
	304	-3.6713e+000	3.9156e-002	-2.0285e+000	-3.6321e-001	0.0000e+000	0.0000e+000
	285	-3.5208e+000	1.9395e-001	-1.8665e+000	-3.3269e-001	0.0000e+000	0.0000e+000
529	283	-2.7981e+000	-2.4076e-001	-1.6210e+000	-3.0388e-001	0.0000e+000	0.0000e+000
	302	-3.0022e+000	-3.7144e-001	-1.7785e+000	-3.3736e-001	0.0000e+000	0.0000e+000
	303	-2.9601e+000	7.4927e-003	-1.6627e+000	-2.9526e-001	0.0000e+000	0.0000e+000
	284	-2.7549e+000	1.4811e-001	-1.5022e+000	-2.6068e-001	0.0000e+000	0.0000e+000
530	282	-2.2121e+000	-2.9768e-001	-1.3928e+000	-2.5097e-001	0.0000e+000	0.0000e+000
	301	-2.4093e+000	-4.0420e-001	-1.5294e+000	-2.8135e-001	0.0000e+000	0.0000e+000
	302	-2.3730e+000	-7.7625e-002	-1.4161e+000	-2.4506e-001	0.0000e+000	0.0000e+000
	283	-2.1748e+000	3.7468e-002	-1.2765e+000	-2.1373e-001	0.0000e+000	0.0000e+000
531	281	-1.7512e+000	-3.6194e-001	-1.2138e+000	-2.1131e-001	0.0000e+000	0.0000e+000
	300	-1.9216e+000	-4.4477e-001	-1.3267e+000	-2.3663e-001	0.0000e+000	0.0000e+000
	301	-1.8911e+000	-1.7075e-001	-1.2283e+000	-2.0619e-001	0.0000e+000	0.0000e+000
	282	-1.7199e+000	-8.0727e-002	-1.1127e+000	-1.8006e-001	0.0000e+000	0.0000e+000
532	280	-1.3794e+000	-4.1854e-001	-1.0564e+000	-1.7979e-001	0.0000e+000	0.0000e+000
	299	-1.5189e+000	-4.8116e-001	-1.1478e+000	-2.0001e-001	0.0000e+000	0.0000e+000
	300	-1.4937e+000	-2.5386e-001	-1.0668e+000	-1.7476e-001	0.0000e+000	0.0000e+000
	281	-1.3535e+000	-1.8529e-001	-9.7328e-001	-1.5388e-001	0.0000e+000	0.0000e+000
533	279	-1.0735e+000	-4.6177e-001	-9.0661e-001	-1.5352e-001	0.0000e+000	0.0000e+000
	298	-1.1838e+000	-5.0778e-001	-9.7934e-001	-1.6916e-001	0.0000e+000	0.0000e+000
	299	-1.1631e+000	-3.2170e-001	-9.1504e-001	-1.4848e-001	0.0000e+000	0.0000e+000
	280	-1.0522e+000	-2.7081e-001	-8.4063e-001	-1.3231e-001	0.0000e+000	0.0000e+000
534	278	-8.1811e-001	-4.8925e-001	-7.5862e-001	-1.3074e-001	0.0000e+000	0.0000e+000
	297	-9.0246e-001	-5.2160e-001	-8.1478e-001	-1.4241e-001	0.0000e+000	0.0000e+000
	298	-8.8603e-001	-3.7378e-001	-7.6545e-001	-1.2598e-001	0.0000e+000	0.0000e+000
	279	-8.0125e-001	-3.3755e-001	-7.0800e-001	-1.1388e-001	0.0000e+000	0.0000e+000
535	277	-6.0343e-001	-4.9879e-001	-6.1157e-001	-1.1022e-001	0.0000e+000	0.0000e+000
	296	-6.6481e-001	-5.1979e-001	-6.5214e-001	-1.1846e-001	0.0000e+000	0.0000e+000
	297	-6.5265e-001	-4.1033e-001	-6.1607e-001	-1.0630e-001	0.0000e+000	0.0000e+000
	278	-5.9095e-001	-3.8646e-001	-5.7456e-001	-9.7741e-002	0.0000e+000	0.0000e+000
536	276	-4.2306e-001	-4.8644e-001	-4.6779e-001	-9.0950e-002	0.0000e+000	0.0000e+000
	295	-4.6408e-001	-4.9803e-001	-4.9255e-001	-9.6211e-002	0.0000e+000	0.0000e+000
	296	-4.5654e-001	-4.3018e-001	-4.6827e-001	-8.8672e-002	0.0000e+000	0.0000e+000
	277	-4.1533e-001	-4.1681e-001	-4.4288e-001	-8.3214e-002	0.0000e+000	0.0000e+000
537	275	-2.7320e-001	-4.4513e-001	-3.3197e-001	-7.1833e-002	0.0000e+000	0.0000e+000
	294	-2.9634e-001	-4.4923e-001	-3.3949e-001	-7.4557e-002	0.0000e+000	0.0000e+000
	295	-2.9416e-001	-4.2960e-001	-3.2563e-001	-7.2376e-002	0.0000e+000	0.0000e+000
	276	-2.7096e-001	-4.2499e-001	-3.1775e-001	-6.9595e-002	0.0000e+000	0.0000e+000

538	274	-1.5227e-001	-3.6333e-001	-2.1101e-001	-5.1560e-002	0.0000e+000	0.0000e+000
	293	-1.6052e-001	-3.6222e-001	-1.9846e-001	-5.2274e-002	0.0000e+000	0.0000e+000
	294	-1.6487e-001	-4.0136e-001	-1.9334e-001	-5.6624e-002	0.0000e+000	0.0000e+000
	275	-1.5673e-001	-4.0350e-001	-2.0575e-001	-5.6023e-002	0.0000e+000	0.0000e+000
539	273	-6.1244e-002	-2.2305e-001	-1.1447e-001	-2.8430e-002	0.0000e+000	0.0000e+000
	292	-5.9103e-002	-2.1986e-001	-7.7155e-002	-2.7897e-002	0.0000e+000	0.0000e+000
	293	-7.1759e-002	-3.3377e-001	-7.8247e-002	-4.0553e-002	0.0000e+000	0.0000e+000
	274	-7.4232e-002	-3.3994e-001	-1.1559e-001	-4.1418e-002	0.0000e+000	0.0000e+000
540	272	-5.1935e-003	4.3385e-003	-5.5764e-002	-8.5498e-005	0.0000e+000	0.0000e+000
	291	2.5772e-004	4.9442e-003	1.4271e-002	5.2019e-004	0.0000e+000	0.0000e+000
	292	-2.3511e-002	-2.0898e-001	1.0982e-002	-2.3249e-002	0.0000e+000	0.0000e+000
	273	-2.9586e-002	-2.1519e-001	-5.9139e-002	-2.4478e-002	0.0000e+000	0.0000e+000
541	270	-3.3817e+001	-9.4439e+000	-1.4239e+001	-4.3261e+000	0.0000e+000	0.0000e+000
	289	1.8104e+000	9.6646e+000	6.1497e+000	1.1475e+000	0.0000e+000	0.0000e+000
	290	-1.9111e+000	-2.3829e+001	-1.3781e+001	-2.5740e+000	0.0000e+000	0.0000e+000
	271	-3.7639e+001	-4.3840e+001	-3.4707e+001	-8.1479e+000	0.0000e+000	0.0000e+000
542	269	-1.3366e+001	-2.0463e+000	-5.7209e+000	-1.5412e+000	0.0000e+000	0.0000e+000
	288	-9.4671e+000	1.3737e-002	-3.4951e+000	-9.4533e-001	0.0000e+000	0.0000e+000
	289	-9.8917e+000	-3.8078e+000	-5.6781e+000	-1.3700e+000	0.0000e+000	0.0000e+000
	270	-1.3802e+001	-5.9708e+000	-7.9627e+000	-1.9772e+000	0.0000e+000	0.0000e+000
543	268	-7.8704e+000	-2.3987e-001	-2.8310e+000	-8.1102e-001	0.0000e+000	0.0000e+000
	287	-8.3202e+000	-7.0399e-001	-3.2756e+000	-9.0242e-001	0.0000e+000	0.0000e+000
	288	-8.2050e+000	3.3367e-001	-3.0387e+000	-7.8713e-001	0.0000e+000	0.0000e+000
	269	-7.7520e+000	8.2574e-001	-2.5877e+000	-6.9262e-001	0.0000e+000	0.0000e+000
544	267	-5.3522e+000	5.5250e-002	-1.9382e+000	-5.2970e-001	0.0000e+000	0.0000e+000
	286	-6.1346e+000	-3.5117e-001	-2.3920e+000	-6.4857e-001	0.0000e+000	0.0000e+000
	287	-6.0393e+000	5.0652e-001	-1.9534e+000	-5.5327e-001	0.0000e+000	0.0000e+000
	268	-5.2543e+000	9.3605e-001	-1.4879e+000	-4.3183e-001	0.0000e+000	0.0000e+000
545	266	-3.9665e+000	7.4343e-002	-1.5133e+000	-3.8922e-001	0.0000e+000	0.0000e+000
	285	-4.6145e+000	-2.2870e-001	-1.8659e+000	-4.8432e-001	0.0000e+000	0.0000e+000
	286	-4.5403e+000	4.3925e-001	-1.5005e+000	-4.1010e-001	0.0000e+000	0.0000e+000
	267	-3.8903e+000	7.6029e-001	-1.1381e+000	-3.1300e-001	0.0000e+000	0.0000e+000
546	265	-3.0521e+000	7.3441e-003	-1.2734e+000	-3.0448e-001	0.0000e+000	0.0000e+000
	284	-3.5663e+000	-2.1521e-001	-1.5417e+000	-3.7815e-001	0.0000e+000	0.0000e+000
	285	-3.5087e+000	3.0291e-001	-1.2505e+000	-3.2058e-001	0.0000e+000	0.0000e+000
	266	-2.9930e+000	5.3943e-001	-9.7438e-001	-2.4536e-001	0.0000e+000	0.0000e+000
547	264	-2.3940e+000	-8.3951e-002	-1.1184e+000	-2.4780e-001	0.0000e+000	0.0000e+000
	283	-2.7989e+000	-2.4835e-001	-1.3237e+000	-3.0473e-001	0.0000e+000	0.0000e+000
	284	-2.7536e+000	1.5965e-001	-1.0938e+000	-2.5939e-001	0.0000e+000	0.0000e+000
	265	-2.3475e+000	3.3503e-001	-8.8225e-001	-2.0125e-001	0.0000e+000	0.0000e+000
548	263	-1.8945e+000	-1.7160e-001	-1.0028e+000	-2.0661e-001	0.0000e+000	0.0000e+000
	282	-2.2115e+000	-2.9263e-001	-1.1599e+000	-2.5041e-001	0.0000e+000	0.0000e+000
	283	-2.1757e+000	2.9885e-002	-9.7926e-001	-2.1458e-001	0.0000e+000	0.0000e+000
	264	-1.8577e+000	1.5961e-001	-8.1731e-001	-1.6980e-001	0.0000e+000	0.0000e+000
549	262	-1.5004e+000	-2.4433e-001	-9.0021e-001	-1.7447e-001	0.0000e+000	0.0000e+000
	281	-1.7480e+000	-3.3360e-001	-1.0212e+000	-2.0816e-001	0.0000e+000	0.0000e+000
	282	-1.7194e+000	-7.5686e-002	-8.7981e-001	-1.7950e-001	0.0000e+000	0.0000e+000
	263	-1.4710e+000	2.0534e-002	-7.5501e-001	-1.4504e-001	0.0000e+000	0.0000e+000
550	261	-1.1800e+000	-2.9967e-001	-7.9742e-001	-1.4797e-001	0.0000e+000	0.0000e+000
	280	-1.3735e+000	-3.6557e-001	-8.9143e-001	-1.7391e-001	0.0000e+000	0.0000e+000
	281	-1.3503e+000	-1.5694e-001	-7.8069e-001	-1.5073e-001	0.0000e+000	0.0000e+000
	262	-1.1562e+000	-8.5419e-002	-6.8370e-001	-1.2417e-001	0.0000e+000	0.0000e+000
551	260	-9.1421e-001	-3.3848e-001	-6.8915e-001	-1.2527e-001	0.0000e+000	0.0000e+000
	279	-1.0651e+000	-3.8669e-001	-7.6225e-001	-1.4518e-001	0.0000e+000	0.0000e+000
	280	-1.0464e+000	-2.1784e-001	-6.7566e-001	-1.2642e-001	0.0000e+000	0.0000e+000
	261	-8.9494e-001	-1.6507e-001	-6.0023e-001	-1.0600e-001	0.0000e+000	0.0000e+000
552	259	-6.9139e-001	-3.6186e-001	-5.7484e-001	-1.0533e-001	0.0000e+000	0.0000e+000
	278	-8.0776e-001	-3.9613e-001	-6.3060e-001	-1.2039e-001	0.0000e+000	0.0000e+000

	279	-7.9291e-001	-2.6248e-001	-5.6364e-001	-1.0554e-001	0.0000e+000	0.0000e+000
	260	-6.7614e-001	-2.2461e-001	-5.0608e-001	-9.0075e-002	0.0000e+000	0.0000e+000
553	258	-5.0454e-001	-3.6964e-001	-4.5671e-001	-8.7418e-002	0.0000e+000	0.0000e+000
	277	-5.9162e-001	-3.9251e-001	-4.9682e-001	-9.8414e-002	0.0000e+000	0.0000e+000
	278	-5.8060e-001	-2.9334e-001	-4.4653e-001	-8.7394e-002	0.0000e+000	0.0000e+000
	259	-4.9322e-001	-2.6780e-001	-4.0506e-001	-7.6102e-002	0.0000e+000	0.0000e+000
554	257	-3.4909e-001	-3.5937e-001	-3.3896e-001	-7.0847e-002	0.0000e+000	0.0000e+000
	276	-4.1044e-001	-3.7282e-001	-3.6373e-001	-7.8326e-002	0.0000e+000	0.0000e+000
	277	-4.0352e-001	-3.1054e-001	-3.2813e-001	-7.1406e-002	0.0000e+000	0.0000e+000
	258	-3.4199e-001	-2.9541e-001	-3.0239e-001	-6.3740e-002	0.0000e+000	0.0000e+000
555	256	-2.2208e-001	-3.2554e-001	-2.2764e-001	-5.4762e-002	0.0000e+000	0.0000e+000
	275	-2.6056e-001	-3.3142e-001	-2.3620e-001	-5.9198e-002	0.0000e+000	0.0000e+000
	276	-2.5833e-001	-3.1137e-001	-2.1369e-001	-5.6970e-002	0.0000e+000	0.0000e+000
	257	-2.1979e-001	-3.0495e-001	-2.0453e-001	-5.2474e-002	0.0000e+000	0.0000e+000
556	255	-1.2183e-001	-2.5881e-001	-1.3083e-001	-3.8065e-002	0.0000e+000	0.0000e+000
	274	-1.4071e-001	-2.5929e-001	-1.2118e-001	-3.9999e-002	0.0000e+000	0.0000e+000
	275	-1.4410e-001	-2.8979e-001	-1.0998e-001	-4.3389e-002	0.0000e+000	0.0000e+000
	256	-1.2531e-001	-2.9014e-001	-1.1933e-001	-4.1545e-002	0.0000e+000	0.0000e+000
557	254	-4.8063e-002	-1.4499e-001	-5.9613e-002	-1.9305e-002	0.0000e+000	0.0000e+000
	273	-5.2349e-002	-1.4299e-001	-2.8450e-002	-1.9534e-002	0.0000e+000	0.0000e+000
	274	-6.2672e-002	-2.3590e-001	-2.5768e-002	-2.9857e-002	0.0000e+000	0.0000e+000
	255	-5.8664e-002	-2.4040e-001	-5.6859e-002	-2.9906e-002	0.0000e+000	0.0000e+000
558	253	-2.7735e-003	3.8969e-002	-3.0854e-002	3.6195e-003	0.0000e+000	0.0000e+000
	272	-1.3278e-003	3.9129e-002	2.7735e-002	3.7802e-003	0.0000e+000	0.0000e+000
	273	-2.0690e-002	-1.3513e-001	2.6886e-002	-1.5582e-002	0.0000e+000	0.0000e+000
	254	-2.2658e-002	-1.3999e-001	-3.1726e-002	-1.6265e-002	0.0000e+000	0.0000e+000
559	251	-2.7968e+000	-1.6397e-001	7.5950e-001	-2.9608e-001	0.0000e+000	0.0000e+000
	270	-3.2916e+001	-1.3280e+000	-5.7884e+000	-3.4244e+000	0.0000e+000	0.0000e+000
	271	-3.3437e+001	-6.0232e+000	1.1571e+001	-3.9460e+000	0.0000e+000	0.0000e+000
	252	-3.3329e+000	-4.9892e+000	1.8599e+001	-8.3221e-001	0.0000e+000	0.0000e+000
560	250	-6.5630e+000	5.7188e-001	-1.8149e-001	-5.9911e-001	0.0000e+000	0.0000e+000
	269	-1.3360e+001	-1.9943e+000	-3.2814e+000	-1.5354e+000	0.0000e+000	0.0000e+000
	270	-1.2900e+001	2.1451e+000	4.8787e-001	-1.0755e+000	0.0000e+000	0.0000e+000
	251	-6.0903e+000	4.8259e+000	3.6921e+000	-1.2645e-001	0.0000e+000	0.0000e+000
561	249	-4.8682e+000	4.0856e-001	-6.6788e-001	-4.4597e-001	0.0000e+000	0.0000e+000
	268	-7.8980e+000	-4.8843e-001	-1.8443e+000	-8.3864e-001	0.0000e+000	0.0000e+000
	269	-7.7462e+000	8.7776e-001	-1.4820e-001	-6.8684e-001	0.0000e+000	0.0000e+000
	250	-4.7122e+000	1.8126e+000	1.0752e+000	-2.8997e-001	0.0000e+000	0.0000e+000
562	248	-3.7838e+000	3.1525e-001	-7.3912e-001	-3.4685e-001	0.0000e+000	0.0000e+000
	267	-5.3809e+000	-2.0317e-001	-1.3923e+000	-5.5841e-001	0.0000e+000	0.0000e+000
	268	-5.2820e+000	6.8748e-001	-5.0110e-001	-4.5945e-001	0.0000e+000	0.0000e+000
	249	-3.6821e+000	1.2305e+000	1.7671e-001	-2.4515e-001	0.0000e+000	0.0000e+000
563	247	-2.9676e+000	2.0703e-001	-7.3783e-001	-2.7606e-001	0.0000e+000	0.0000e+000
	266	-3.9894e+000	-1.3173e-001	-1.1618e+000	-4.1211e-001	0.0000e+000	0.0000e+000
	267	-3.9190e+000	5.0187e-001	-5.9210e-001	-3.4171e-001	0.0000e+000	0.0000e+000
	248	-2.8952e+000	8.5817e-001	-1.5238e-001	-2.0371e-001	0.0000e+000	0.0000e+000
564	246	-2.3578e+000	8.9592e-002	-7.2166e-001	-2.2682e-001	0.0000e+000	0.0000e+000
	265	-3.0693e+000	-1.4712e-001	-1.0194e+000	-3.2164e-001	0.0000e+000	0.0000e+000
	266	-3.0159e+000	3.3336e-001	-6.2282e-001	-2.6826e-001	0.0000e+000	0.0000e+000
	247	-2.3030e+000	5.8337e-001	-3.1406e-001	-1.7196e-001	0.0000e+000	0.0000e+000
565	245	-1.8879e+000	-1.6651e-002	-7.0321e-001	-1.9045e-001	0.0000e+000	0.0000e+000
	264	-2.4051e+000	-1.8368e-001	-9.1697e-001	-2.5888e-001	0.0000e+000	0.0000e+000
	265	-2.3646e+000	1.8057e-001	-6.2831e-001	-2.1841e-001	0.0000e+000	0.0000e+000
	246	-1.8463e+000	3.5769e-001	-4.0656e-001	-1.4886e-001	0.0000e+000	0.0000e+000
566	244	-1.5139e+000	-1.0139e-001	-6.7482e-001	-1.6152e-001	0.0000e+000	0.0000e+000
	263	-1.9000e+000	-2.2114e-001	-8.3167e-001	-2.1211e-001	0.0000e+000	0.0000e+000
	264	-1.8687e+000	5.9880e-002	-6.1586e-001	-1.8089e-001	0.0000e+000	0.0000e+000
	245	-1.4818e+000	1.8740e-001	-4.5305e-001	-1.2944e-001	0.0000e+000	0.0000e+000

567	243	-1.2058e+000	-1.6405e-001	-6.3113e-001	-1.3699e-001	0.0000e+000	0.0000e+000
	262	-1.5012e+000	-2.5167e-001	-7.4927e-001	-1.7529e-001	0.0000e+000	0.0000e+000
	263	-1.4765e+000	-2.9008e-002	-5.8390e-001	-1.5055e-001	0.0000e+000	0.0000e+000
	244	-1.1804e+000	6.4778e-002	-4.6119e-001	-1.1156e-001	0.0000e+000	0.0000e+000
568	242	-9.4614e-001	-2.0804e-001	-5.7125e-001	-1.1542e-001	0.0000e+000	0.0000e+000
	261	-1.1771e+000	-2.7317e-001	-6.6226e-001	-1.4503e-001	0.0000e+000	0.0000e+000
	262	-1.1571e+000	-9.2765e-002	-5.3276e-001	-1.2498e-001	0.0000e+000	0.0000e+000
	243	-9.2554e-001	-2.2647e-002	-4.3817e-001	-9.4819e-002	0.0000e+000	0.0000e+000
569	241	-7.2540e-001	-2.3705e-001	-4.9716e-001	-9.6245e-002	0.0000e+000	0.0000e+000
	260	-9.0832e-001	-2.8549e-001	-5.6784e-001	-1.1938e-001	0.0000e+000	0.0000e+000
	261	-8.9199e-001	-1.3857e-001	-4.6507e-001	-1.0306e-001	0.0000e+000	0.0000e+000
	242	-7.0863e-001	-8.6058e-002	-3.9155e-001	-7.9468e-002	0.0000e+000	0.0000e+000
570	240	-5.3864e-001	-2.5351e-001	-4.1220e-001	-7.9215e-002	0.0000e+000	0.0000e+000
	259	-6.8327e-001	-2.8881e-001	-4.6621e-001	-9.7208e-002	0.0000e+000	0.0000e+000
	260	-6.7025e-001	-1.7163e-001	-3.8476e-001	-8.4188e-002	0.0000e+000	0.0000e+000
	241	-5.2526e-001	-1.3309e-001	-3.2849e-001	-6.5835e-002	0.0000e+000	0.0000e+000
571	239	-3.8299e-001	-2.5814e-001	-3.2052e-001	-6.4113e-002	0.0000e+000	0.0000e+000
	258	-4.9487e-001	-2.8258e-001	-3.5962e-001	-7.7745e-002	0.0000e+000	0.0000e+000
	259	-4.8511e-001	-1.9474e-001	-2.9643e-001	-6.7985e-002	0.0000e+000	0.0000e+000
	240	-3.7296e-001	-1.6787e-001	-2.5559e-001	-5.4083e-002	0.0000e+000	0.0000e+000
572	238	-2.5630e-001	-2.4952e-001	-2.2727e-001	-5.0582e-002	0.0000e+000	0.0000e+000
	257	-3.3859e-001	-2.6484e-001	-2.5195e-001	-6.0343e-002	0.0000e+000	0.0000e+000
	258	-3.3231e-001	-2.0835e-001	-2.0531e-001	-5.4067e-002	0.0000e+000	0.0000e+000
	239	-2.4985e-001	-1.9147e-001	-1.7933e-001	-4.4132e-002	0.0000e+000	0.0000e+000
573	237	-1.5649e-001	-2.2357e-001	-1.3907e-001	-3.8006e-002	0.0000e+000	0.0000e+000
	256	-2.1162e-001	-2.3141e-001	-1.4893e-001	-4.4303e-002	0.0000e+000	0.0000e+000
	257	-2.0928e-001	-2.1042e-001	-1.1752e-001	-4.1970e-002	0.0000e+000	0.0000e+000
	238	-1.5409e-001	-2.0199e-001	-1.0679e-001	-3.5608e-002	0.0000e+000	0.0000e+000
574	236	-8.1658e-002	-1.7316e-001	-6.4480e-002	-2.5481e-002	0.0000e+000	0.0000e+000
	255	-1.1257e-001	-1.7547e-001	-5.8365e-002	-2.8804e-002	0.0000e+000	0.0000e+000
	256	-1.1485e-001	-1.9601e-001	-4.0620e-002	-3.1086e-002	0.0000e+000	0.0000e+000
	237	-8.4003e-002	-1.9427e-001	-4.6244e-002	-2.7827e-002	0.0000e+000	0.0000e+000
575	235	-3.0125e-002	-8.8635e-002	-1.4809e-002	-1.1876e-002	0.0000e+000	0.0000e+000
	254	-4.1735e-002	-8.8038e-002	8.8481e-003	-1.2977e-002	0.0000e+000	0.0000e+000
	255	-4.9403e-002	-1.5705e-001	1.5607e-002	-2.0645e-002	0.0000e+000	0.0000e+000
	236	-3.8006e-002	-1.5956e-001	-7.8636e-003	-1.9756e-002	0.0000e+000	0.0000e+000
576	234	1.6373e-004	4.3889e-002	-8.4112e-003	4.4053e-003	0.0000e+000	0.0000e+000
	253	-2.2567e-003	4.3620e-002	3.5352e-002	4.1364e-003	0.0000e+000	0.0000e+000
	254	-1.6330e-002	-8.3040e-002	3.6736e-002	-9.9370e-003	0.0000e+000	0.0000e+000
	235	-1.4299e-002	-8.6278e-002	-6.9892e-003	-1.0058e-002	0.0000e+000	0.0000e+000
577	232	-1.0363e+000	-2.3597e+000	1.6586e+000	-3.3960e-001	0.0000e+000	0.0000e+000
	251	-3.3776e+000	-5.3913e+000	-9.4750e-001	-8.7689e-001	0.0000e+000	0.0000e+000
	252	-2.7335e+000	4.0576e-001	1.8064e-001	-2.3277e-001	0.0000e+000	0.0000e+000
	233	-3.7387e-001	3.6024e+000	2.8188e+000	3.2285e-001	0.0000e+000	0.0000e+000
578	231	-2.0969e+000	-1.5869e-001	7.6728e-001	-2.2556e-001	0.0000e+000	0.0000e+000
	250	-6.7260e+000	-8.9524e-001	-5.7417e-001	-7.6213e-001	0.0000e+000	0.0000e+000
	251	-6.6712e+000	-4.0139e-001	1.9851e+000	-7.0725e-001	0.0000e+000	0.0000e+000
	232	-2.0405e+000	3.4922e-001	3.3994e+000	-1.6913e-001	0.0000e+000	0.0000e+000
579	230	-2.5294e+000	1.8496e-001	1.8483e-001	-2.3445e-001	0.0000e+000	0.0000e+000
	249	-4.9579e+000	-3.9884e-001	-6.4784e-001	-5.3568e-001	0.0000e+000	0.0000e+000
	250	-4.8752e+000	3.4545e-001	6.8247e-001	-4.5298e-001	0.0000e+000	0.0000e+000
	231	-2.4444e+000	9.5045e-001	1.5530e+000	-1.4939e-001	0.0000e+000	0.0000e+000
580	229	-2.2813e+000	2.3118e-001	-1.0100e-001	-2.0501e-001	0.0000e+000	0.0000e+000
	248	-3.8387e+000	-1.7890e-001	-6.5413e-001	-4.0176e-001	0.0000e+000	0.0000e+000
	249	-3.7718e+000	4.2315e-001	1.9676e-001	-3.3486e-001	0.0000e+000	0.0000e+000
	230	-2.2125e+000	8.5037e-001	7.7412e-001	-1.3621e-001	0.0000e+000	0.0000e+000
581	228	-1.9552e+000	1.6382e-001	-2.5045e-001	-1.7914e-001	0.0000e+000	0.0000e+000
	247	-3.0056e+000	-1.3552e-001	-6.3987e-001	-3.1412e-001	0.0000e+000	0.0000e+000

	248	-2.9501e+000	3.6402e-001	-6.7390e-002	-2.5861e-001	0.0000e+000	0.0000e+000
	229	-1.8981e+000	6.7759e-001	3.3834e-001	-1.2205e-001	0.0000e+000	0.0000e+000
582	227	-1.6457e+000	7.1455e-002	-3.4592e-001	-1.5742e-001	0.0000e+000	0.0000e+000
	246	-2.3832e+000	-1.3849e-001	-6.1804e-001	-2.5216e-001	0.0000e+000	0.0000e+000
	247	-2.3410e+000	2.4081e-001	-2.1610e-001	-2.1002e-001	0.0000e+000	0.0000e+000
	228	-1.6023e+000	4.6155e-001	6.7460e-002	-1.1408e-001	0.0000e+000	0.0000e+000
583	226	-1.3698e+000	-9.0367e-003	-4.0101e-001	-1.3789e-001	0.0000e+000	0.0000e+000
	245	-1.9035e+000	-1.5699e-001	-5.9403e-001	-2.0605e-001	0.0000e+000	0.0000e+000
	246	-1.8716e+000	1.2961e-001	-3.0294e-001	-1.7420e-001	0.0000e+000	0.0000e+000
	227	-1.3371e+000	2.8572e-001	-1.0163e-001	-1.0514e-001	0.0000e+000	0.0000e+000
584	225	-1.1211e+000	-6.8869e-002	-4.2118e-001	-1.1899e-001	0.0000e+000	0.0000e+000
	244	-1.5222e+000	-1.7623e-001	-5.6290e-001	-1.6984e-001	0.0000e+000	0.0000e+000
	245	-1.4974e+000	4.7065e-002	-3.4387e-001	-1.4503e-001	0.0000e+000	0.0000e+000
	226	-1.0956e+000	1.6078e-001	-1.9592e-001	-9.3477e-002	0.0000e+000	0.0000e+000
585	224	-8.9527e-001	-1.1028e-001	-4.1249e-001	-1.0056e-001	0.0000e+000	0.0000e+000
	243	-1.2088e+000	-1.9089e-001	-5.2067e-001	-1.3997e-001	0.0000e+000	0.0000e+000
	244	-1.1887e+000	-1.0058e-002	-3.4926e-001	-1.1987e-001	0.0000e+000	0.0000e+000
	225	-8.7460e-001	7.5695e-002	-2.3619e-001	-7.9891e-002	0.0000e+000	0.0000e+000
586	223	-6.9219e-001	-1.3764e-001	-3.8137e-001	-8.2983e-002	0.0000e+000	0.0000e+000
	242	-9.4519e-001	-1.9950e-001	-4.6623e-001	-1.1447e-001	0.0000e+000	0.0000e+000
	243	-9.2852e-001	-4.9484e-002	-3.2771e-001	-9.7801e-002	0.0000e+000	0.0000e+000
	224	-6.7505e-001	1.6649e-002	-2.3890e-001	-6.5840e-002	0.0000e+000	0.0000e+000
587	222	-5.1366e-001	-1.5449e-001	-3.3354e-001	-6.6815e-002	0.0000e+000	0.0000e+000
	241	-7.2152e-001	-2.0211e-001	-4.0054e-001	-9.2363e-002	0.0000e+000	0.0000e+000
	242	-7.0768e-001	-7.7516e-002	-2.8653e-001	-7.8519e-002	0.0000e+000	0.0000e+000
	223	-4.9942e-001	-2.6346e-002	-2.1629e-001	-5.2577e-002	0.0000e+000	0.0000e+000
588	221	-3.6182e-001	-1.6302e-001	-2.7385e-001	-5.2485e-002	0.0000e+000	0.0000e+000
	240	-5.3258e-001	-1.9902e-001	-3.2573e-001	-7.3160e-002	0.0000e+000	0.0000e+000
	241	-5.2137e-001	-9.8155e-002	-2.3187e-001	-6.1953e-002	0.0000e+000	0.0000e+000
	222	-3.5030e-001	-5.9292e-002	-1.7732e-001	-4.0959e-002	0.0000e+000	0.0000e+000
589	220	-2.3814e-001	-1.6404e-001	-2.0673e-001	-4.0218e-002	0.0000e+000	0.0000e+000
	239	-3.7543e-001	-1.9008e-001	-2.4476e-001	-5.6551e-002	0.0000e+000	0.0000e+000
	240	-3.6691e-001	-1.1337e-001	-1.6912e-001	-4.8028e-002	0.0000e+000	0.0000e+000
	221	-2.2937e-001	-8.5148e-002	-1.2893e-001	-3.1452e-002	0.0000e+000	0.0000e+000
590	219	-1.4277e-001	-1.5686e-001	-1.3698e-001	-2.9963e-002	0.0000e+000	0.0000e+000
	238	-2.4794e-001	-1.7426e-001	-1.6167e-001	-4.2221e-002	0.0000e+000	0.0000e+000
	239	-2.4229e-001	-1.2341e-001	-1.0357e-001	-3.6570e-002	0.0000e+000	0.0000e+000
	220	-1.3696e-001	-1.0455e-001	-7.7226e-002	-2.4151e-002	0.0000e+000	0.0000e+000
591	218	-7.4291e-002	-1.3890e-001	-7.0756e-002	-2.1319e-002	0.0000e+000	0.0000e+000
	237	-1.4820e-001	-1.4899e-001	-8.2164e-002	-2.9720e-002	0.0000e+000	0.0000e+000
	238	-1.4573e-001	-1.2674e-001	-4.1195e-002	-2.7247e-002	0.0000e+000	0.0000e+000
	219	-7.1748e-002	-1.1601e-001	-2.8621e-002	-1.8776e-002	0.0000e+000	0.0000e+000
592	217	-2.9735e-002	-1.0508e-001	-1.6510e-002	-1.3482e-002	0.0000e+000	0.0000e+000
	236	-7.4584e-002	-1.0949e-001	-1.4309e-002	-1.8408e-002	0.0000e+000	0.0000e+000
	237	-7.5717e-002	-1.1969e-001	1.0658e-002	-1.9541e-002	0.0000e+000	0.0000e+000
	218	-3.0900e-002	-1.1557e-001	9.1671e-003	-1.4647e-002	0.0000e+000	0.0000e+000
593	216	-5.6781e-003	-4.9878e-002	1.5291e-002	-5.5556e-003	0.0000e+000	0.0000e+000
	235	-2.5928e-002	-5.0861e-002	3.0972e-002	-7.6789e-003	0.0000e+000	0.0000e+000
	236	-3.0932e-002	-9.5897e-002	4.2307e-002	-1.2683e-002	0.0000e+000	0.0000e+000
	217	-1.0824e-002	-9.6195e-002	2.6950e-002	-1.0702e-002	0.0000e+000	0.0000e+000
594	215	4.2983e-003	2.7094e-002	8.7904e-003	3.1393e-003	0.0000e+000	0.0000e+000
	234	-1.7774e-003	2.6419e-002	3.5414e-002	2.4642e-003	0.0000e+000	0.0000e+000
	235	-1.0102e-002	-4.8504e-002	3.8792e-002	-5.8606e-003	0.0000e+000	0.0000e+000
	216	-4.2635e-003	-4.9962e-002	1.2264e-002	-5.4225e-003	0.0000e+000	0.0000e+000
595	212	-8.4232e-002	-1.0923e+000	4.2691e-001	-1.1765e-001	0.0000e+000	0.0000e+000
	232	-1.1032e+000	-2.9613e+000	-1.0992e+000	-4.0645e-001	0.0000e+000	0.0000e+000
	233	-7.0672e-001	6.0673e-001	-6.5559e-001	-9.9994e-003	0.0000e+000	0.0000e+000
	214	3.2384e-001	2.5803e+000	8.8351e-001	2.9042e-001	0.0000e+000	0.0000e+000

596	210	-6.3430e-001	-4.9549e-001	4.8972e-001	-1.1298e-001	0.0000e+000	0.0000e+000
	231	-2.1935e+000	-1.0279e+000	-1.7855e-001	-3.2214e-001	0.0000e+000	0.0000e+000
	232	-2.1074e+000	-2.5244e-001	6.4168e-001	-2.3598e-001	0.0000e+000	0.0000e+000
	212	-5.4561e-001	3.0268e-001	1.3340e+000	-2.4293e-002	0.0000e+000	0.0000e+000
597	208	-9.7686e-001	-2.6584e-002	3.1040e-001	-1.0034e-001	0.0000e+000	0.0000e+000
	230	-2.5975e+000	-4.2759e-001	-2.5458e-001	-3.0251e-001	0.0000e+000	0.0000e+000
	231	-2.5409e+000	8.1254e-002	6.0720e-001	-2.4597e-001	0.0000e+000	0.0000e+000
	210	-9.1866e-001	4.9718e-001	1.1974e+000	-4.2149e-002	0.0000e+000	0.0000e+000
598	206	-1.1144e+000	8.3811e-002	1.3127e-001	-1.0306e-001	0.0000e+000	0.0000e+000
	229	-2.3347e+000	-2.4909e-001	-3.1230e-001	-2.5838e-001	0.0000e+000	0.0000e+000
	230	-2.2806e+000	2.3782e-001	3.3470e-001	-2.0427e-001	0.0000e+000	0.0000e+000
	208	-1.0587e+000	5.8499e-001	7.9724e-001	-4.7373e-002	0.0000e+000	0.0000e+000
599	204	-1.1158e+000	6.3856e-002	-2.5429e-002	-1.0519e-001	0.0000e+000	0.0000e+000
	228	-1.9926e+000	-1.7288e-001	-3.3803e-001	-2.1655e-001	0.0000e+000	0.0000e+000
	229	-1.9515e+000	1.9732e-001	1.2703e-001	-1.7542e-001	0.0000e+000	0.0000e+000
	206	-1.0735e+000	4.4491e-001	4.5326e-001	-6.2856e-002	0.0000e+000	0.0000e+000
600	202	-1.0400e+000	1.6710e-002	-1.3714e-001	-1.0233e-001	0.0000e+000	0.0000e+000
	227	-1.6701e+000	-1.4812e-001	-3.5463e-001	-1.8182e-001	0.0000e+000	0.0000e+000
	228	-1.6398e+000	1.2486e-001	-2.0119e-002	-1.5149e-001	0.0000e+000	0.0000e+000
	204	-1.0088e+000	2.9769e-001	2.0718e-001	-7.1109e-002	0.0000e+000	0.0000e+000
601	200	-9.1221e-001	-2.3936e-002	-2.0400e-001	-9.3614e-002	0.0000e+000	0.0000e+000
	226	-1.3847e+000	-1.4305e-001	-3.6148e-001	-1.5278e-001	0.0000e+000	0.0000e+000
	227	-1.3615e+000	6.6149e-002	-1.1035e-001	-1.2953e-001	0.0000e+000	0.0000e+000
	202	-8.8828e-001	1.9139e-001	5.4493e-002	-6.9689e-002	0.0000e+000	0.0000e+000
602	198	-7.5535e-001	-5.2675e-002	-2.3476e-001	-8.0802e-002	0.0000e+000	0.0000e+000
	225	-1.1294e+000	-1.4353e-001	-3.5538e-001	-1.2729e-001	0.0000e+000	0.0000e+000
	226	-1.1104e+000	2.6774e-002	-1.5638e-001	-1.0837e-001	0.0000e+000	0.0000e+000
	200	-7.3587e-001	1.2262e-001	-2.9938e-002	-6.1325e-002	0.0000e+000	0.0000e+000
603	196	-5.8860e-001	-7.1360e-002	-2.3923e-001	-6.5997e-002	0.0000e+000	0.0000e+000
	224	-8.9896e-001	-1.4350e-001	-3.3570e-001	-1.0425e-001	0.0000e+000	0.0000e+000
	225	-8.8290e-001	1.0337e-003	-1.7039e-001	-8.8187e-002	0.0000e+000	0.0000e+000
	198	-5.7207e-001	7.7406e-002	-6.9069e-002	-4.9467e-002	0.0000e+000	0.0000e+000
604	194	-4.2696e-001	-8.2627e-002	-2.2508e-001	-5.0959e-002	0.0000e+000	0.0000e+000
	223	-6.9256e-001	-1.4094e-001	-3.0380e-001	-8.3350e-002	0.0000e+000	0.0000e+000
	224	-6.7874e-001	-1.6563e-002	-1.6211e-001	-6.9530e-002	0.0000e+000	0.0000e+000
	196	-4.1274e-001	4.5395e-002	-7.9248e-002	-3.6734e-002	0.0000e+000	0.0000e+000
605	192	-2.8141e-001	-8.8428e-002	-1.9777e-001	-3.6984e-002	0.0000e+000	0.0000e+000
	222	-5.1154e-001	-1.3543e-001	-2.6169e-001	-6.4698e-002	0.0000e+000	0.0000e+000
	223	-4.9979e-001	-2.9648e-002	-1.3871e-001	-5.2944e-002	0.0000e+000	0.0000e+000
	194	-2.6932e-001	2.0457e-002	-7.1187e-002	-2.4886e-002	0.0000e+000	0.0000e+000
606	190	-1.5965e-001	-8.9955e-002	-1.6117e-001	-2.4960e-002	0.0000e+000	0.0000e+000
	221	-3.5783e-001	-1.2705e-001	-2.1158e-001	-4.8488e-002	0.0000e+000	0.0000e+000
	222	-3.4818e-001	-4.0235e-002	-1.0547e-001	-3.8842e-002	0.0000e+000	0.0000e+000
	192	-1.4972e-001	-5.9161e-004	-5.1949e-002	-1.5031e-002	0.0000e+000	0.0000e+000
607	188	-6.6537e-002	-8.7764e-002	-1.1839e-001	-1.5430e-002	0.0000e+000	0.0000e+000
	220	-2.3279e-001	-1.1589e-001	-1.5586e-001	-3.4868e-002	0.0000e+000	0.0000e+000
	221	-2.2537e-001	-4.9178e-002	-6.6667e-002	-2.7455e-002	0.0000e+000	0.0000e+000
	190	-5.8907e-002	-1.9095e-002	-2.6581e-002	-7.8002e-003	0.0000e+000	0.0000e+000
608	186	-4.2618e-003	-8.1775e-002	-7.2607e-002	-8.6037e-003	0.0000e+000	0.0000e+000
	219	-1.3665e-001	-1.0173e-001	-9.7531e-002	-2.3838e-002	0.0000e+000	0.0000e+000
	220	-1.3161e-001	-5.6403e-002	-2.6355e-002	-1.8802e-002	0.0000e+000	0.0000e+000
	188	9.2238e-004	-3.5117e-002	6.5478e-004	-3.4194e-003	0.0000e+000	0.0000e+000
609	184	2.8086e-002	-7.1019e-002	-2.8122e-002	-4.2934e-003	0.0000e+000	0.0000e+000
	218	-6.8157e-002	-8.3693e-002	-4.1023e-002	-1.5185e-002	0.0000e+000	0.0000e+000
	219	-6.5623e-002	-6.0887e-002	1.0831e-002	-1.2651e-002	0.0000e+000	0.0000e+000
	186	3.0694e-002	-4.7545e-002	2.5252e-002	-1.6851e-003	0.0000e+000	0.0000e+000
610	182	3.5351e-002	-5.2964e-002	8.0951e-003	-1.7613e-003	0.0000e+000	0.0000e+000
	217	-2.4680e-002	-5.9589e-002	6.4777e-003	-8.4269e-003	0.0000e+000	0.0000e+000

	218	-2.4766e-002	-6.0363e-002	3.8900e-002	-8.5129e-003	0.0000e+000	0.0000e+000
	184	3.5262e-002	-5.3760e-002	4.1467e-002	-1.8498e-003	0.0000e+000	0.0000e+000
611	180	2.6181e-002	-2.3639e-002	2.5605e-002	2.5417e-004	0.0000e+000	0.0000e+000
	216	-3.0446e-003	-2.6177e-002	3.4111e-002	-2.9221e-003	0.0000e+000	0.0000e+000
	217	-5.7694e-003	-5.0700e-002	4.9938e-002	-5.6469e-003	0.0000e+000	0.0000e+000
	182	2.3376e-002	-4.8881e-002	4.1895e-002	-2.5505e-003	0.0000e+000	0.0000e+000
612	179	1.0463e-002	3.4259e-003	1.5779e-002	1.3889e-003	0.0000e+000	0.0000e+000
	215	1.5585e-003	2.4366e-003	2.6276e-002	3.9951e-004	0.0000e+000	0.0000e+000
	216	-1.6301e-003	-2.6261e-002	3.1084e-002	-2.7891e-003	0.0000e+000	0.0000e+000
	180	7.1807e-003	-2.6112e-002	2.0729e-002	-1.8932e-003	0.0000e+000	0.0000e+000
613	213	4.7865e-001	-4.9982e-001	-4.4056e-002	-2.1170e-003	0.0000e+000	0.0000e+000
	212	-1.1210e-001	-1.3431e+000	-7.5748e-001	-1.4552e-001	0.0000e+000	0.0000e+000
	214	5.8343e-002	1.9087e-001	-4.9367e-001	2.4921e-002	0.0000e+000	0.0000e+000
	40	6.5423e-001	1.0805e+000	2.2773e-001	1.7347e-001	0.0000e+000	0.0000e+000
614	211	5.3671e-001	-2.7904e-001	1.7022e-001	2.5767e-002	0.0000e+000	0.0000e+000
	210	-6.7235e-001	-8.3796e-001	-4.5919e-001	-1.5103e-001	0.0000e+000	0.0000e+000
	212	-5.7348e-001	5.1899e-002	1.4959e-001	-5.2158e-002	0.0000e+000	0.0000e+000
	213	6.3857e-001	6.3768e-001	7.9737e-001	1.2763e-001	0.0000e+000	0.0000e+000
615	209	6.4072e-002	-7.2917e-002	1.8259e-001	-8.8453e-004	0.0000e+000	0.0000e+000
	208	-1.0268e+000	-4.7645e-001	-3.0669e-001	-1.5033e-001	0.0000e+000	0.0000e+000
	210	-9.5672e-001	1.5471e-001	2.4853e-001	-8.0201e-002	0.0000e+000	0.0000e+000
	211	1.3632e-001	5.7730e-001	7.5459e-001	7.1362e-002	0.0000e+000	0.0000e+000
616	207	-3.5056e-001	-1.2332e-002	9.5942e-002	-3.6289e-002	0.0000e+000	0.0000e+000
	206	-1.1539e+000	-2.7124e-001	-2.3095e-001	-1.4251e-001	0.0000e+000	0.0000e+000
	208	-1.1087e+000	1.3512e-001	1.8015e-001	-9.7358e-002	0.0000e+000	0.0000e+000
	209	-3.0404e-001	4.0630e-001	5.1945e-001	1.0225e-002	0.0000e+000	0.0000e+000
617	205	-5.6764e-001	-1.0723e-002	1.2839e-002	-5.7836e-002	0.0000e+000	0.0000e+000
	204	-1.1428e+000	-1.7876e-001	-2.0431e-001	-1.3215e-001	0.0000e+000	0.0000e+000
	206	-1.1129e+000	8.9859e-002	9.1041e-002	-1.0231e-001	0.0000e+000	0.0000e+000
	207	-5.3689e-001	2.6601e-001	3.1710e-001	-2.7089e-002	0.0000e+000	0.0000e+000
618	203	-6.1384e-001	-2.0664e-002	-4.3984e-002	-6.3450e-002	0.0000e+000	0.0000e+000
	202	-1.0574e+000	-1.3961e-001	-2.0009e-001	-1.1970e-001	0.0000e+000	0.0000e+000
	204	-1.0357e+000	5.5070e-002	2.8301e-002	-9.8066e-002	0.0000e+000	0.0000e+000
	205	-5.9156e-001	1.7989e-001	1.9131e-001	-4.1166e-002	0.0000e+000	0.0000e+000
619	201	-5.5218e-001	-2.9749e-002	-7.6852e-002	-5.8193e-002	0.0000e+000	0.0000e+000
	200	-9.2319e-001	-1.2274e-001	-1.9990e-001	-1.0459e-001	0.0000e+000	0.0000e+000
	202	-9.0565e-001	3.5072e-002	-8.4614e-003	-8.7058e-002	0.0000e+000	0.0000e+000
	203	-5.3412e-001	1.3283e-001	1.2036e-001	-4.0129e-002	0.0000e+000	0.0000e+000
620	199	-4.3306e-001	-3.5807e-002	-9.2913e-002	-4.6887e-002	0.0000e+000	0.0000e+000
	198	-7.6208e-001	-1.1323e-001	-1.9590e-001	-8.7531e-002	0.0000e+000	0.0000e+000
	200	-7.4685e-001	2.3817e-002	-2.5837e-002	-7.2303e-002	0.0000e+000	0.0000e+000
	201	-4.1737e-001	1.0538e-001	8.2288e-002	-3.1199e-002	0.0000e+000	0.0000e+000
621	197	-2.9133e-001	-3.9000e-002	-9.7738e-002	-3.3033e-002	0.0000e+000	0.0000e+000
	196	-5.9237e-001	-1.0521e-001	-1.8609e-001	-6.9757e-002	0.0000e+000	0.0000e+000
	198	-5.7880e-001	1.6848e-002	-3.0210e-002	-5.6196e-002	0.0000e+000	0.0000e+000
	199	-2.7736e-001	8.6739e-002	6.2845e-002	-1.9062e-002	0.0000e+000	0.0000e+000
622	195	-1.5010e-001	-3.9783e-002	-9.4931e-002	-1.8988e-002	0.0000e+000	0.0000e+000
	194	-4.2850e-001	-9.6491e-002	-1.7053e-001	-5.2499e-002	0.0000e+000	0.0000e+000
	196	-4.1650e-001	1.1550e-002	-2.6104e-002	-4.0495e-002	0.0000e+000	0.0000e+000
	197	-1.3773e-001	7.1520e-002	5.3852e-002	-6.6214e-003	0.0000e+000	0.0000e+000
623	193	-2.4839e-002	-3.8545e-002	-8.6649e-002	-6.3384e-003	0.0000e+000	0.0000e+000
	192	-2.8119e-001	-8.6451e-002	-1.4987e-001	-3.6765e-002	0.0000e+000	0.0000e+000
	194	-2.7086e-001	6.5932e-003	-1.6629e-002	-2.6426e-002	0.0000e+000	0.0000e+000
	195	-1.4189e-002	5.7309e-002	5.0614e-002	4.3120e-003	0.0000e+000	0.0000e+000
624	191	7.3972e-002	-3.5604e-002	-7.4155e-002	3.8368e-003	0.0000e+000	0.0000e+000
	190	-1.5799e-001	-7.5055e-002	-1.2484e-001	-2.3305e-002	0.0000e+000	0.0000e+000
	192	-1.4950e-001	1.3849e-003	-4.0485e-003	-1.4811e-002	0.0000e+000	0.0000e+000
	193	8.2722e-002	4.3143e-002	5.0285e-002	1.2587e-002	0.0000e+000	0.0000e+000

625	189	1.3935e-001	-3.1262e-002	-5.8227e-002	1.0809e-002	0.0000e+000	0.0000e+000
	188	-6.3733e-002	-6.2524e-002	-9.6200e-002	-1.2626e-002	0.0000e+000	0.0000e+000
	190	-5.7252e-002	-4.1944e-003	9.7470e-003	-6.1446e-003	0.0000e+000	0.0000e+000
	191	1.4603e-001	2.8829e-002	5.0920e-002	1.7486e-002	0.0000e+000	0.0000e+000
626	187	1.6732e-001	-2.5841e-002	-3.9513e-002	1.4148e-002	0.0000e+000	0.0000e+000
	186	-6.4175e-004	-4.9194e-002	-6.4929e-002	-4.9836e-003	0.0000e+000	0.0000e+000
	188	3.7268e-003	-9.8769e-003	2.2844e-002	-6.1501e-004	0.0000e+000	0.0000e+000
	189	1.7182e-001	1.4663e-002	5.0910e-002	1.8649e-002	0.0000e+000	0.0000e+000
627	185	1.5742e-001	-1.9668e-002	-1.9031e-002	1.3775e-002	0.0000e+000	0.0000e+000
	184	3.2040e-002	-3.5430e-002	-3.2687e-002	-3.3897e-004	0.0000e+000	0.0000e+000
	186	3.4314e-002	-1.4964e-002	3.2930e-002	1.9350e-003	0.0000e+000	0.0000e+000
	187	1.5976e-001	1.4154e-003	4.8567e-002	1.6118e-002	0.0000e+000	0.0000e+000
628	183	1.1474e-001	-1.2897e-002	7.9466e-004	1.0185e-002	0.0000e+000	0.0000e+000
	182	3.8843e-002	-2.1531e-002	-2.8734e-003	1.7313e-003	0.0000e+000	0.0000e+000
	184	3.9217e-002	-1.8171e-002	3.6903e-002	2.1046e-003	0.0000e+000	0.0000e+000
	185	1.1513e-001	-9.4354e-003	4.1772e-002	1.0569e-002	0.0000e+000	0.0000e+000
629	181	5.5599e-002	-4.5558e-003	1.3060e-002	5.1043e-003	0.0000e+000	0.0000e+000
	180	2.7994e-002	-7.3210e-003	1.6438e-002	2.0673e-003	0.0000e+000	0.0000e+000
	182	2.6869e-002	-1.7448e-002	3.0927e-002	9.4206e-004	0.0000e+000	0.0000e+000
	183	5.4440e-002	-1.4989e-002	2.7986e-002	3.9451e-003	0.0000e+000	0.0000e+000
630	45	1.2482e-002	-3.6198e-003	7.8660e-003	8.8626e-004	0.0000e+000	0.0000e+000
	179	9.6449e-003	-3.9351e-003	1.0074e-002	5.7098e-004	0.0000e+000	0.0000e+000
	180	8.9939e-003	-9.7943e-003	1.1561e-002	-8.0047e-005	0.0000e+000	0.0000e+000
	181	1.1812e-002	-9.6560e-003	9.3984e-003	2.1557e-004	0.0000e+000	0.0000e+000