

Frame	Time	Fx	Fy	COPx	COPy	TBCMx	TBCMy	dx	dy
0	0.0000	21.07	1.38	1.7967	0.3340	1.8599	1.1358		
1	0.0008	21.81	4.04	1.7979	0.3339	1.8599	1.1339		
2	0.0017	22.83	6.72	1.7969	0.3339	1.8599	1.1320		
3	0.0025	22.08	13.28	1.7970	0.3338	1.8598	1.1300		
4	0.0033	21.59	18.68	1.7977	0.3337	1.8598	1.1281		
5	0.0042	22.08	23.69	1.7971	0.3336	1.8598	1.1262		
6	0.0050	20.35	33.40	1.7972	0.3335	1.8597	1.1242		
7	0.0058	19.26	41.38	1.7979	0.3334	1.8597	1.1223		
8	0.0067	18.61	48.90	1.7973	0.3334	1.8597	1.1204		
9	0.0075	16.45	60.31	1.7972	0.3333	1.8596	1.1184		
10	0.0083	13.86	71.22	1.7979	0.3331	1.8596	1.1165		
11	0.0092	13.46	79.92	1.7973	0.3330	1.8596	1.1145		
12	0.0100	10.01	94.11	1.7975	0.3329	1.8595	1.1126		
13	0.0108	7.29	107.62	1.7982	0.3328	1.8595	1.1106		
14	0.0117	5.63	120.00	1.7977	0.3327	1.8595	1.1087		
15	0.0125	2.27	136.24	1.7976	0.3326	1.8594	1.1067		
16	0.0133	-2.63	154.99	1.7982	0.3324	1.8594	1.1048		
17	0.0142	-4.15	169.46	1.7978	0.3324	1.8593	1.1029		
18	0.0150	-8.54	190.22	1.7976	0.3323	1.8593	1.1009		
19	0.0158	-13.18	211.36	1.7981	0.3321	1.8592	1.0990		
20	0.0167	-16.58	231.66	1.7976	0.3321	1.8592	1.0971		
21	0.0175	-20.95	256.46	1.7975	0.3320	1.8591	1.0951		
22	0.0183	-27.17	286.54	1.7982	0.3319	1.8591	1.0932		
23	0.0192	-30.95	313.06	1.7977	0.3318	1.8590	1.0912		
24	0.0200	-37.51	347.59	1.7976	0.3318	1.8590	1.0893		
25	0.0208	-45.86	386.18	1.7978	0.3319	1.8589	1.0873		
26	0.0217	-52.86	421.93	1.7972	0.3320	1.8589	1.0854		
27	0.0225	-61.05	458.97	1.7969	0.3321	1.8588	1.0835		
28	0.0233	-69.56	496.37	1.7978	0.3322	1.8588	1.0816		
29	0.0242	-73.10	523.55	1.7980	0.3324	1.8587	1.0796		
30	0.0250	-75.84	548.40	1.7991	0.3326	1.8587	1.0777		
31	0.0258	-77.64	571.11	1.8011	0.3327	1.8586	1.0758		
32	0.0267	-75.58	587.68	1.8028	0.3328	1.8586	1.0739		
33	0.0275	-73.04	606.73	1.8047	0.3328	1.8585	1.0720		
34	0.0283	-71.27	630.17	1.8071	0.3329	1.8585	1.0702		
35	0.0292	-65.36	651.20	1.8080	0.3329	1.8584	1.0683		
36	0.0300	-60.01	677.89	1.8086	0.3329	1.8584	1.0664		
37	0.0308	-54.45	709.11	1.8088	0.3328	1.8583	1.0645		
38	0.0317	-44.70	734.58	1.8078	0.3328	1.8583	1.0626		
39	0.0325	-33.32	759.51	1.8068	0.3327	1.8582	1.0608		
40	0.0333	-21.69	784.35	1.8058	0.3327	1.8582	1.0589		
41	0.0342	-5.90	802.46	1.8037	0.3326	1.8582	1.0571		
42	0.0350	10.14	820.11	1.8015	0.3326	1.8581	1.0552		
43	0.0358	25.42	840.44	1.7997	0.3326	1.8581	1.0534		
44	0.0367	43.14	856.88	1.7972	0.3326	1.8581	1.0516		
45	0.0375	59.89	876.22	1.7955	0.3327	1.8580	1.0498		

46	0.0383	73.70	898.40	1.7949	0.3327	1.8580	1.0479
47	0.0392	90.30	917.67	1.7943	0.3328	1.8579	1.0461
48	0.0400	105.24	938.40	1.7943	0.3329	1.8579	1.0443
49	0.0408	118.26	962.12	1.7950	0.3330	1.8578	1.0425
50	0.0417	133.19	981.78	1.7955	0.3331	1.8578	1.0407
51	0.0425	147.31	1004.00	1.7966	0.3333	1.8577	1.0390
52	0.0433	156.76	1029.30	1.7985	0.3335	1.8577	1.0372
53	0.0442	165.63	1052.60	1.8004	0.3336	1.8577	1.0354
54	0.0450	169.73	1080.30	1.8027	0.3338	1.8576	1.0337
55	0.0458	169.15	1112.50	1.8056	0.3339	1.8576	1.0319
56	0.0467	168.09	1141.20	1.8077	0.3340	1.8576	1.0302
57	0.0475	165.18	1172.50	1.8096	0.3341	1.8575	1.0285
58	0.0483	159.70	1207.50	1.8110	0.3341	1.8575	1.0268
59	0.0492	155.40	1237.50	1.8113	0.3342	1.8575	1.0251
60	0.0500	149.94	1268.20	1.8112	0.3342	1.8574	1.0234
61	0.0508	142.53	1300.20	1.8110	0.3343	1.8574	1.0217
62	0.0517	136.39	1327.10	1.8101	0.3343	1.8574	1.0201
63	0.0525	128.55	1353.00	1.8088	0.3342	1.8573	1.0184
64	0.0533	119.24	1380.00	1.8076	0.3342	1.8573	1.0168
65	0.0542	110.44	1403.30	1.8058	0.3342	1.8573	1.0152
66	0.0550	100.59	1429.30	1.8042	0.3342	1.8572	1.0135
67	0.0558	89.50	1462.10	1.8032	0.3342	1.8572	1.0119
68	0.0567	83.04	1494.50	1.8023	0.3342	1.8572	1.0103
69	0.0575	76.63	1530.80	1.8018	0.3342	1.8572	1.0087
70	0.0583	71.43	1570.10	1.8021	0.3342	1.8571	1.0071
71	0.0592	69.35	1604.20	1.8023	0.3343	1.8571	1.0056
72	0.0600	69.76	1630.20	1.8028	0.3344	1.8571	1.0040
73	0.0608	68.92	1653.60	1.8039	0.3344	1.8571	1.0024
74	0.0617	72.65	1669.30	1.8050	0.3345	1.8571	1.0009
75	0.0625	77.17	1684.40	1.8061	0.3346	1.8571	0.9994
76	0.0633	81.85	1703.10	1.8076	0.3347	1.8570	0.9979
77	0.0642	88.39	1722.60	1.8086	0.3347	1.8570	0.9964
78	0.0650	96.26	1741.70	1.8092	0.3348	1.8570	0.9949
79	0.0658	102.89	1761.10	1.8100	0.3348	1.8570	0.9934
80	0.0667	111.44	1772.40	1.8103	0.3349	1.8570	0.9920
81	0.0675	120.88	1777.30	1.8100	0.3349	1.8570	0.9906
82	0.0683	126.58	1781.20	1.8102	0.3349	1.8569	0.9891
83	0.0692	132.15	1781.90	1.8098	0.3349	1.8569	0.9877
84	0.0700	137.16	1780.30	1.8091	0.3350	1.8569	0.9863
85	0.0708	137.77	1784.00	1.8087	0.3350	1.8569	0.9848
86	0.0717	137.03	1787.00	1.8085	0.3350	1.8569	0.9835
87	0.0725	136.61	1789.70	1.8075	0.3350	1.8569	0.9821
88	0.0733	133.11	1796.50	1.8073	0.3350	1.8568	0.9808
89	0.0742	127.99	1805.30	1.8070	0.3350	1.8568	0.9794
90	0.0750	124.41	1810.70	1.8066	0.3350	1.8568	0.9781
91	0.0758	117.52	1822.30	1.8067	0.3351	1.8568	0.9767
92	0.0767	109.76	1834.00	1.8071	0.3351	1.8568	0.9754

93	0.0775	102.94	1843.80	1.8069	0.3351	1.8568	0.9742
94	0.0783	94.80	1857.90	1.8076	0.3351	1.8568	0.9729
95	0.0792	85.53	1874.80	1.8082	0.3351	1.8568	0.9716
96	0.0800	79.01	1885.70	1.8084	0.3352	1.8568	0.9703
97	0.0808	70.68	1901.30	1.8090	0.3352	1.8568	0.9691
98	0.0817	60.78	1916.40	1.8098	0.3352	1.8568	0.9679
99	0.0825	52.74	1924.80	1.8096	0.3352	1.8568	0.9667
100	0.0833	44.39	1933.10	1.8098	0.3353	1.8567	0.9655
101	0.0842	36.98	1941.30	1.8101	0.3352	1.8567	0.9643
102	0.0850	35.22	1939.70	1.8098	0.3352	1.8567	0.9631
103	0.0858	34.89	1938.60	1.8096	0.3352	1.8567	0.9619
104	0.0867	35.22	1937.70	1.8098	0.3352	1.8567	0.9608
105	0.0875	38.08	1930.40	1.8092	0.3352	1.8567	0.9597
106	0.0883	40.11	1924.20	1.8089	0.3352	1.8568	0.9586
107	0.0892	39.27	1920.10	1.8088	0.3351	1.8568	0.9575
108	0.0900	40.14	1911.50	1.8083	0.3351	1.8568	0.9563
109	0.0908	39.14	1905.60	1.8083	0.3351	1.8568	0.9552
110	0.0917	37.25	1903.50	1.8086	0.3351	1.8568	0.9542
111	0.0925	36.41	1897.30	1.8081	0.3350	1.8568	0.9532
112	0.0933	34.24	1894.90	1.8081	0.3350	1.8568	0.9521
113	0.0942	30.76	1896.00	1.8085	0.3350	1.8568	0.9511
114	0.0950	28.86	1893.00	1.8082	0.3350	1.8568	0.9501
115	0.0958	25.56	1892.90	1.8083	0.3350	1.8568	0.9490
116	0.0967	20.37	1898.00	1.8089	0.3349	1.8568	0.9481
117	0.0975	17.42	1898.70	1.8086	0.3349	1.8568	0.9472
118	0.0983	13.23	1901.40	1.8086	0.3349	1.8569	0.9462
119	0.0992	7.63	1906.60	1.8090	0.3349	1.8569	0.9453
120	0.1000	4.06	1906.80	1.8088	0.3348	1.8569	0.9443
121	0.1008	0.08	1908.20	1.8087	0.3348	1.8569	0.9434
122	0.1017	-4.68	1911.10	1.8091	0.3348	1.8569	0.9425
123	0.1025	-6.49	1908.20	1.8085	0.3347	1.8570	0.9417
124	0.1033	-8.36	1906.10	1.8084	0.3347	1.8570	0.9408
125	0.1042	-11.71	1905.80	1.8085	0.3346	1.8570	0.9399
126	0.1050	-12.66	1899.50	1.8082	0.3346	1.8571	0.9391
127	0.1058	-14.04	1894.90	1.8080	0.3346	1.8571	0.9382
128	0.1067	-16.69	1892.60	1.8082	0.3345	1.8571	0.9375
129	0.1075	-16.82	1885.20	1.8077	0.3345	1.8572	0.9367
130	0.1083	-16.98	1879.80	1.8075	0.3345	1.8572	0.9359
131	0.1092	-18.09	1876.30	1.8077	0.3344	1.8572	0.9351
132	0.1100	-17.96	1869.90	1.8072	0.3344	1.8573	0.9344
133	0.1108	-18.42	1865.20	1.8071	0.3344	1.8573	0.9336
134	0.1117	-20.61	1865.10	1.8075	0.3344	1.8573	0.9329
135	0.1125	-21.26	1859.70	1.8072	0.3344	1.8574	0.9322
136	0.1133	-22.37	1856.80	1.8073	0.3344	1.8574	0.9316
137	0.1142	-24.96	1856.50	1.8077	0.3343	1.8575	0.9309
138	0.1150	-25.96	1853.90	1.8074	0.3343	1.8575	0.9302
139	0.1158	-27.07	1851.80	1.8072	0.3343	1.8576	0.9295

140	0.1167	-29.94	1853.60	1.8075	0.3343	1.8576	0.9289
141	0.1175	-30.56	1851.70	1.8070	0.3343	1.8577	0.9283
142	0.1183	-30.99	1849.60	1.8069	0.3342	1.8577	0.9277
143	0.1192	-32.97	1849.30	1.8073	0.3342	1.8578	0.9271
144	0.1200	-33.97	1846.00	1.8070	0.3342	1.8578	0.9265
145	0.1208	-34.13	1843.10	1.8068	0.3342	1.8579	0.9259
146	0.1217	-36.54	1842.60	1.8071	0.3342	1.8580	0.9254
147	0.1225	-37.16	1838.70	1.8067	0.3342	1.8580	0.9249
148	0.1233	-37.49	1834.00	1.8066	0.3341	1.8581	0.9244
149	0.1242	-38.81	1832.50	1.8070	0.3341	1.8582	0.9239
150	0.1250	-39.27	1828.20	1.8067	0.3341	1.8582	0.9234
151	0.1258	-37.92	1823.00	1.8066	0.3341	1.8583	0.9229
152	0.1267	-39.35	1821.00	1.8069	0.3341	1.8584	0.9225
153	0.1275	-39.43	1817.00	1.8067	0.3341	1.8585	0.9221
154	0.1283	-39.65	1811.40	1.8066	0.3341	1.8585	0.9217
155	0.1292	-40.87	1809.40	1.8071	0.3341	1.8586	0.9212
156	0.1300	-42.92	1806.40	1.8068	0.3341	1.8587	0.9208
157	0.1308	-41.70	1801.50	1.8066	0.3341	1.8588	0.9204
158	0.1317	-43.79	1800.70	1.8069	0.3341	1.8589	0.9201
159	0.1325	-44.98	1797.80	1.8067	0.3341	1.8590	0.9198
160	0.1333	-45.63	1793.00	1.8066	0.3341	1.8590	0.9194
161	0.1342	-47.79	1791.50	1.8071	0.3341	1.8591	0.9191
162	0.1350	-51.47	1791.40	1.8069	0.3342	1.8592	0.9188
163	0.1358	-51.39	1785.50	1.8068	0.3342	1.8593	0.9184
164	0.1367	-53.63	1785.40	1.8072	0.3342	1.8594	0.9182
165	0.1375	-55.90	1783.50	1.8071	0.3342	1.8595	0.9180
166	0.1383	-55.93	1779.30	1.8069	0.3342	1.8596	0.9177
167	0.1392	-57.42	1775.80	1.8075	0.3342	1.8597	0.9175
168	0.1400	-60.53	1775.30	1.8072	0.3343	1.8598	0.9172
169	0.1408	-60.04	1767.30	1.8070	0.3343	1.8599	0.9170
170	0.1417	-61.85	1763.90	1.8072	0.3343	1.8600	0.9168
171	0.1425	-64.18	1761.00	1.8072	0.3343	1.8601	0.9167
172	0.1433	-64.64	1755.30	1.8070	0.3344	1.8602	0.9165
173	0.1442	-65.42	1750.00	1.8074	0.3344	1.8603	0.9164
174	0.1450	-67.97	1748.70	1.8074	0.3344	1.8604	0.9162
175	0.1458	-67.56	1741.90	1.8072	0.3344	1.8605	0.9161
176	0.1467	-68.97	1736.90	1.8075	0.3344	1.8606	0.9160
177	0.1475	-71.32	1734.10	1.8076	0.3345	1.8607	0.9159
178	0.1483	-71.73	1729.10	1.8074	0.3345	1.8608	0.9159
179	0.1492	-72.94	1725.30	1.8077	0.3345	1.8609	0.9158
180	0.1500	-75.43	1723.10	1.8077	0.3345	1.8610	0.9157
181	0.1508	-75.08	1715.60	1.8075	0.3345	1.8611	0.9157
182	0.1517	-76.57	1711.20	1.8078	0.3346	1.8612	0.9157
183	0.1525	-79.95	1708.20	1.8080	0.3346	1.8613	0.9157
184	0.1533	-80.75	1701.40	1.8078	0.3346	1.8614	0.9157
185	0.1542	-82.61	1696.10	1.8082	0.3346	1.8615	0.9157
186	0.1550	-86.25	1694.60	1.8083	0.3346	1.8616	0.9157

187	0.1558	-86.22	1687.00	1.8082	0.3347	1.8617	0.9158
188	0.1567	-87.61	1682.00	1.8085	0.3347	1.8618	0.9159
189	0.1575	-90.80	1678.90	1.8087	0.3347	1.8619	0.9160
190	0.1583	-91.52	1672.30	1.8082	0.3348	1.8620	0.9161
191	0.1592	-93.02	1667.30	1.8087	0.3348	1.8621	0.9162
192	0.1600	-95.87	1664.30	1.8087	0.3348	1.8622	0.9163
193	0.1608	-95.86	1656.40	1.8083	0.3348	1.8623	0.9164
194	0.1617	-97.08	1651.40	1.8086	0.3348	1.8624	0.9165
195	0.1625	-99.52	1648.90	1.8090	0.3348	1.8625	0.9167
196	0.1633	-99.89	1641.90	1.8085	0.3348	1.8625	0.9169
197	0.1642	-101.21	1636.90	1.8089	0.3348	1.8626	0.9171
198	0.1650	-104.21	1635.60	1.8093	0.3348	1.8627	0.9172
199	0.1658	-104.61	1628.50	1.8090	0.3349	1.8628	0.9174
200	0.1667	-106.49	1624.30	1.8093	0.3349	1.8629	0.9177
201	0.1675	-109.35	1622.00	1.8098	0.3349	1.8630	0.9179
202	0.1683	-109.70	1615.60	1.8093	0.3349	1.8630	0.9182
203	0.1692	-110.90	1610.10	1.8095	0.3349	1.8631	0.9185
204	0.1700	-114.10	1607.90	1.8098	0.3350	1.8632	0.9187
205	0.1708	-114.79	1601.70	1.8097	0.3350	1.8633	0.9190
206	0.1717	-115.70	1597.80	1.8098	0.3350	1.8634	0.9193
207	0.1725	-118.94	1597.20	1.8104	0.3350	1.8634	0.9197
208	0.1733	-119.54	1591.70	1.8099	0.3350	1.8635	0.9200
209	0.1742	-120.32	1587.60	1.8100	0.3350	1.8636	0.9203
210	0.1750	-122.64	1585.90	1.8103	0.3350	1.8636	0.9207
211	0.1758	-124.15	1580.60	1.8100	0.3350	1.8637	0.9210
212	0.1767	-125.21	1575.60	1.8101	0.3350	1.8637	0.9214
213	0.1775	-128.01	1574.40	1.8108	0.3350	1.8638	0.9218
214	0.1783	-128.03	1568.90	1.8103	0.3350	1.8638	0.9222
215	0.1792	-128.70	1564.50	1.8104	0.3350	1.8639	0.9226
216	0.1800	-130.88	1562.70	1.8109	0.3350	1.8639	0.9231
217	0.1808	-132.16	1558.90	1.8107	0.3350	1.8640	0.9235
218	0.1817	-133.06	1554.50	1.8107	0.3350	1.8640	0.9239
219	0.1825	-136.51	1554.50	1.8112	0.3350	1.8641	0.9244
220	0.1833	-137.33	1549.40	1.8106	0.3350	1.8641	0.9249
221	0.1842	-137.62	1545.60	1.8106	0.3350	1.8641	0.9254
222	0.1850	-139.42	1543.60	1.8109	0.3350	1.8642	0.9259
223	0.1858	-140.70	1540.30	1.8106	0.3350	1.8642	0.9264
224	0.1867	-140.42	1535.00	1.8106	0.3350	1.8642	0.9269
225	0.1875	-142.62	1534.80	1.8112	0.3350	1.8643	0.9275
226	0.1883	-143.18	1530.50	1.8109	0.3350	1.8643	0.9280
227	0.1892	-143.35	1525.90	1.8109	0.3350	1.8643	0.9286
228	0.1900	-144.50	1524.90	1.8114	0.3350	1.8644	0.9291
229	0.1908	-145.46	1522.70	1.8113	0.3350	1.8644	0.9297
230	0.1917	-143.93	1516.60	1.8113	0.3350	1.8644	0.9303
231	0.1925	-144.95	1515.10	1.8117	0.3350	1.8645	0.9310
232	0.1933	-145.30	1511.30	1.8112	0.3350	1.8645	0.9316
233	0.1942	-144.88	1506.00	1.8112	0.3350	1.8645	0.9322

234	0.1950	-145.69	1503.50	1.8118	0.3350	1.8646	0.9328
235	0.1958	-147.48	1502.50	1.8114	0.3350	1.8646	0.9334
236	0.1967	-146.60	1496.60	1.8115	0.3350	1.8646	0.9341
237	0.1975	-147.17	1495.80	1.8121	0.3350	1.8646	0.9348
238	0.1983	-148.04	1493.40	1.8117	0.3350	1.8647	0.9355
239	0.1992	-147.24	1488.90	1.8114	0.3350	1.8647	0.9362
240	0.2000	-147.86	1486.80	1.8120	0.3350	1.8647	0.9369
241	0.2008	-149.31	1486.80	1.8116	0.3350	1.8647	0.9376
242	0.2017	-147.99	1481.30	1.8116	0.3350	1.8647	0.9383
243	0.2025	-147.92	1480.20	1.8121	0.3350	1.8647	0.9391
244	0.2033	-149.35	1479.40	1.8119	0.3350	1.8648	0.9399
245	0.2042	-148.75	1476.60	1.8119	0.3350	1.8648	0.9406
246	0.2050	-149.03	1476.00	1.8124	0.3350	1.8648	0.9414
247	0.2058	-150.48	1476.20	1.8119	0.3350	1.8648	0.9421
248	0.2067	-149.24	1471.70	1.8117	0.3350	1.8648	0.9429
249	0.2075	-149.56	1470.30	1.8122	0.3350	1.8648	0.9438
250	0.2083	-150.85	1470.20	1.8119	0.3350	1.8649	0.9446
251	0.2092	-149.85	1466.90	1.8117	0.3350	1.8649	0.9454
252	0.2100	-150.29	1466.30	1.8124	0.3350	1.8649	0.9462
253	0.2108	-151.69	1467.90	1.8121	0.3350	1.8649	0.9470
254	0.2117	-150.00	1465.10	1.8118	0.3350	1.8649	0.9479
255	0.2125	-149.08	1463.80	1.8120	0.3350	1.8649	0.9488
256	0.2133	-150.16	1464.70	1.8118	0.3350	1.8649	0.9497
257	0.2142	-148.86	1462.60	1.8118	0.3350	1.8649	0.9506
258	0.2150	-148.87	1461.20	1.8125	0.3350	1.8649	0.9515
259	0.2158	-149.40	1462.50	1.8123	0.3350	1.8649	0.9524
260	0.2167	-147.77	1459.60	1.8123	0.3350	1.8649	0.9533
261	0.2175	-146.74	1458.50	1.8127	0.3350	1.8649	0.9542
262	0.2183	-147.33	1460.30	1.8124	0.3350	1.8650	0.9552
263	0.2192	-145.13	1458.00	1.8122	0.3350	1.8650	0.9561
264	0.2200	-143.94	1457.80	1.8128	0.3350	1.8650	0.9571
265	0.2208	-144.66	1459.70	1.8124	0.3350	1.8650	0.9580
266	0.2217	-143.35	1457.20	1.8123	0.3350	1.8650	0.9590
267	0.2225	-141.92	1456.40	1.8127	0.3350	1.8650	0.9601
268	0.2233	-141.77	1458.60	1.8125	0.3350	1.8650	0.9611
269	0.2242	-140.11	1456.20	1.8123	0.3350	1.8650	0.9621
270	0.2250	-138.32	1456.70	1.8129	0.3350	1.8650	0.9631
271	0.2258	-137.67	1459.50	1.8126	0.3350	1.8650	0.9641
272	0.2267	-135.39	1457.60	1.8124	0.3350	1.8650	0.9652
273	0.2275	-134.08	1457.50	1.8127	0.3350	1.8650	0.9662
274	0.2283	-133.94	1461.00	1.8126	0.3350	1.8650	0.9673
275	0.2292	-131.94	1458.70	1.8126	0.3350	1.8650	0.9684
276	0.2300	-130.21	1458.20	1.8132	0.3350	1.8650	0.9695
277	0.2308	-130.22	1461.40	1.8129	0.3350	1.8650	0.9705
278	0.2317	-128.26	1460.60	1.8126	0.3350	1.8650	0.9717
279	0.2325	-127.12	1460.80	1.8129	0.3350	1.8650	0.9728
280	0.2333	-126.89	1464.30	1.8128	0.3350	1.8649	0.9739

281	0.2342	-124.84	1463.80	1.8126	0.3350	1.8649	0.9751
282	0.2350	-122.78	1463.50	1.8130	0.3350	1.8649	0.9762
283	0.2358	-122.20	1466.80	1.8128	0.3350	1.8649	0.9773
284	0.2367	-119.98	1466.60	1.8126	0.3350	1.8649	0.9785
285	0.2375	-117.91	1467.30	1.8128	0.3350	1.8649	0.9797
286	0.2383	-117.76	1472.10	1.8129	0.3349	1.8648	0.9809
287	0.2392	-115.70	1473.10	1.8128	0.3349	1.8648	0.9821
288	0.2400	-113.44	1474.10	1.8134	0.3349	1.8648	0.9833
289	0.2408	-112.73	1477.70	1.8132	0.3349	1.8648	0.9845
290	0.2417	-111.27	1478.80	1.8129	0.3349	1.8648	0.9858
291	0.2425	-109.85	1478.80	1.8133	0.3349	1.8648	0.9870
292	0.2433	-109.55	1481.90	1.8135	0.3349	1.8647	0.9883
293	0.2442	-107.75	1481.40	1.8129	0.3349	1.8647	0.9895
294	0.2450	-105.70	1481.60	1.8133	0.3349	1.8647	0.9908
295	0.2458	-104.93	1484.50	1.8134	0.3349	1.8647	0.9921
296	0.2467	-103.00	1485.80	1.8130	0.3349	1.8647	0.9934
297	0.2475	-101.15	1486.80	1.8132	0.3349	1.8646	0.9947
298	0.2483	-100.95	1490.70	1.8137	0.3348	1.8646	0.9960
299	0.2492	-99.42	1491.40	1.8130	0.3349	1.8646	0.9974
300	0.2500	-97.48	1491.20	1.8135	0.3348	1.8645	0.9987
301	0.2508	-96.82	1493.60	1.8135	0.3348	1.8645	1.0000
302	0.2517	-95.90	1495.20	1.8131	0.3348	1.8645	1.0014
303	0.2525	-93.89	1495.50	1.8134	0.3348	1.8644	1.0028
304	0.2533	-94.08	1499.70	1.8142	0.3348	1.8644	1.0041
305	0.2542	-93.10	1501.50	1.8135	0.3348	1.8643	1.0055
306	0.2550	-91.41	1502.10	1.8139	0.3348	1.8643	1.0069
307	0.2558	-90.97	1504.60	1.8142	0.3348	1.8642	1.0083
308	0.2567	-91.19	1507.40	1.8140	0.3348	1.8642	1.0097
309	0.2575	-87.96	1504.80	1.8141	0.3348	1.8641	1.0112
310	0.2583	-88.02	1507.90	1.8148	0.3348	1.8641	1.0126
311	0.2592	-87.84	1509.50	1.8143	0.3348	1.8640	1.0140
312	0.2600	-86.23	1509.40	1.8146	0.3348	1.8640	1.0155
313	0.2608	-85.89	1511.10	1.8149	0.3347	1.8639	1.0169
314	0.2617	-87.10	1515.00	1.8147	0.3347	1.8639	1.0184
315	0.2625	-85.34	1512.50	1.8148	0.3347	1.8638	1.0199
316	0.2633	-85.53	1515.10	1.8154	0.3347	1.8638	1.0214
317	0.2642	-86.66	1516.90	1.8149	0.3347	1.8637	1.0230
318	0.2650	-85.24	1515.40	1.8150	0.3347	1.8637	1.0245
319	0.2658	-85.52	1517.10	1.8154	0.3347	1.8636	1.0260
320	0.2667	-86.70	1521.10	1.8150	0.3347	1.8635	1.0276
321	0.2675	-85.02	1518.90	1.8151	0.3347	1.8635	1.0291
322	0.2683	-84.80	1520.20	1.8156	0.3346	1.8634	1.0307
323	0.2692	-86.24	1523.10	1.8151	0.3347	1.8633	1.0323
324	0.2700	-85.57	1521.40	1.8153	0.3346	1.8633	1.0338
325	0.2708	-86.26	1521.80	1.8159	0.3346	1.8632	1.0354
326	0.2717	-88.18	1524.00	1.8157	0.3346	1.8631	1.0370
327	0.2725	-87.41	1521.90	1.8158	0.3346	1.8630	1.0386

328	0.2733	-87.58	1521.90	1.8163	0.3346	1.8630	1.0403
329	0.2742	-89.63	1524.70	1.8158	0.3346	1.8629	1.0419
330	0.2750	-88.82	1522.30	1.8157	0.3346	1.8628	1.0435
331	0.2758	-89.31	1522.00	1.8161	0.3346	1.8627	1.0451
332	0.2767	-90.87	1523.00	1.8158	0.3345	1.8626	1.0468
333	0.2775	-90.87	1520.00	1.8158	0.3345	1.8625	1.0485
334	0.2783	-91.16	1518.70	1.8164	0.3345	1.8625	1.0501
335	0.2792	-93.86	1520.30	1.8160	0.3345	1.8624	1.0518
336	0.2800	-93.53	1518.80	1.8159	0.3345	1.8623	1.0535
337	0.2808	-94.45	1518.50	1.8163	0.3345	1.8622	1.0552
338	0.2817	-96.00	1520.10	1.8160	0.3345	1.8621	1.0570
339	0.2825	-96.02	1516.80	1.8158	0.3345	1.8620	1.0587
340	0.2833	-96.46	1515.90	1.8162	0.3344	1.8618	1.0605
341	0.2842	-98.72	1517.40	1.8159	0.3345	1.8617	1.0622
342	0.2850	-98.63	1514.00	1.8159	0.3344	1.8616	1.0640
343	0.2858	-99.75	1512.90	1.8165	0.3344	1.8615	1.0657
344	0.2867	-102.28	1514.20	1.8162	0.3344	1.8614	1.0675
345	0.2875	-102.66	1510.70	1.8163	0.3344	1.8613	1.0693
346	0.2883	-104.03	1508.30	1.8168	0.3344	1.8611	1.0711
347	0.2892	-106.36	1510.20	1.8164	0.3344	1.8610	1.0728
348	0.2900	-107.00	1507.20	1.8163	0.3344	1.8609	1.0746
349	0.2908	-107.17	1505.40	1.8168	0.3343	1.8608	1.0764
350	0.2917	-109.58	1506.70	1.8163	0.3343	1.8606	1.0783
351	0.2925	-109.97	1503.80	1.8162	0.3343	1.8605	1.0801
352	0.2933	-111.49	1501.60	1.8166	0.3343	1.8603	1.0820
353	0.2942	-113.94	1501.90	1.8163	0.3343	1.8602	1.0839
354	0.2950	-114.84	1499.10	1.8163	0.3343	1.8600	1.0857
355	0.2958	-115.16	1496.30	1.8168	0.3343	1.8599	1.0876
356	0.2967	-117.49	1496.70	1.8165	0.3343	1.8597	1.0895
357	0.2975	-118.20	1494.60	1.8163	0.3343	1.8596	1.0914
358	0.2983	-119.02	1493.10	1.8166	0.3343	1.8594	1.0933
359	0.2992	-121.55	1493.50	1.8163	0.3343	1.8592	1.0952
360	0.3000	-122.46	1490.20	1.8162	0.3343	1.8591	1.0971
361	0.3008	-123.21	1487.60	1.8167	0.3343	1.8589	1.0990
362	0.3017	-125.44	1487.30	1.8164	0.3343	1.8587	1.1009
363	0.3025	-126.42	1484.50	1.8162	0.3343	1.8585	1.1029
364	0.3033	-127.35	1481.80	1.8166	0.3342	1.8583	1.1048
365	0.3042	-130.53	1483.40	1.8164	0.3342	1.8581	1.1068
366	0.3050	-131.66	1480.80	1.8163	0.3343	1.8579	1.1087
367	0.3058	-132.48	1477.80	1.8166	0.3342	1.8577	1.1107
368	0.3067	-135.11	1477.50	1.8165	0.3342	1.8575	1.1127
369	0.3075	-136.64	1475.80	1.8164	0.3342	1.8572	1.1147
370	0.3083	-136.90	1472.20	1.8167	0.3342	1.8570	1.1167
371	0.3092	-139.63	1472.50	1.8164	0.3342	1.8568	1.1187
372	0.3100	-140.54	1469.40	1.8163	0.3342	1.8565	1.1207
373	0.3108	-141.33	1465.30	1.8167	0.3342	1.8563	1.1227
374	0.3117	-143.60	1464.90	1.8164	0.3342	1.8560	1.1248

375	0.3125	-145.40	1463.20	1.8162	0.3342	1.8558	1.1268
376	0.3133	-145.20	1459.30	1.8165	0.3342	1.8555	1.1289
377	0.3142	-148.07	1459.80	1.8164	0.3342	1.8552	1.1309
378	0.3150	-149.20	1457.70	1.8164	0.3342	1.8550	1.1330
379	0.3158	-149.56	1454.20	1.8168	0.3342	1.8547	1.1350
380	0.3167	-151.40	1453.50	1.8166	0.3342	1.8544	1.1371
381	0.3175	-153.99	1452.00	1.8165	0.3342	1.8541	1.1392
382	0.3183	-153.90	1447.10	1.8166	0.3342	1.8539	1.1413
383	0.3192	-156.07	1447.30	1.8164	0.3343	1.8536	1.1433
384	0.3200	-158.03	1445.50	1.8163	0.3343	1.8533	1.1454
385	0.3208	-158.88	1441.00	1.8167	0.3343	1.8530	1.1475
386	0.3217	-160.65	1440.10	1.8164	0.3343	1.8527	1.1496
387	0.3225	-163.20	1439.80	1.8162	0.3343	1.8524	1.1518
388	0.3233	-163.48	1434.30	1.8165	0.3342	1.8520	1.1539
389	0.3242	-165.04	1432.90	1.8165	0.3342	1.8517	1.1560
390	0.3250	-167.31	1432.20	1.8162	0.3342	1.8514	1.1582
391	0.3258	-167.74	1427.80	1.8167	0.3342	1.8511	1.1603
392	0.3267	-169.61	1426.70	1.8166	0.3342	1.8508	1.1625
393	0.3275	-172.12	1426.60	1.8165	0.3343	1.8504	1.1646
394	0.3283	-173.04	1421.70	1.8169	0.3342	1.8501	1.1668
395	0.3292	-174.63	1419.60	1.8171	0.3342	1.8498	1.1690
396	0.3300	-177.49	1419.50	1.8169	0.3342	1.8494	1.1711
397	0.3308	-178.12	1415.00	1.8174	0.3342	1.8491	1.1733
398	0.3317	-180.39	1413.10	1.8173	0.3342	1.8487	1.1755
399	0.3325	-183.09	1412.10	1.8171	0.3343	1.8484	1.1777
400	0.3333	-183.53	1406.90	1.8173	0.3343	1.8480	1.1799
401	0.3342	-185.00	1403.70	1.8175	0.3342	1.8476	1.1821
402	0.3350	-187.92	1402.60	1.8171	0.3343	1.8473	1.1843
403	0.3358	-188.46	1397.40	1.8174	0.3342	1.8469	1.1865
404	0.3367	-190.34	1394.80	1.8173	0.3342	1.8465	1.1887
405	0.3375	-193.49	1393.90	1.8170	0.3343	1.8461	1.1910
406	0.3383	-194.26	1387.90	1.8172	0.3343	1.8458	1.1932
407	0.3392	-196.42	1384.70	1.8176	0.3342	1.8454	1.1954
408	0.3400	-199.94	1384.20	1.8170	0.3343	1.8450	1.1977
409	0.3408	-200.42	1379.40	1.8174	0.3343	1.8446	1.1999
410	0.3417	-202.18	1376.60	1.8177	0.3343	1.8442	1.2022
411	0.3425	-205.54	1376.10	1.8174	0.3343	1.8438	1.2045
412	0.3433	-206.37	1371.20	1.8177	0.3343	1.8434	1.2068
413	0.3442	-207.84	1367.30	1.8183	0.3343	1.8430	1.2090
414	0.3450	-211.45	1365.90	1.8179	0.3343	1.8426	1.2113
415	0.3458	-212.68	1360.70	1.8181	0.3343	1.8422	1.2136
416	0.3467	-214.30	1357.10	1.8185	0.3343	1.8418	1.2159
417	0.3475	-217.29	1355.40	1.8182	0.3343	1.8414	1.2182
418	0.3483	-217.88	1349.40	1.8183	0.3343	1.8409	1.2205
419	0.3492	-219.46	1345.60	1.8188	0.3343	1.8405	1.2228
420	0.3500	-222.82	1343.90	1.8184	0.3343	1.8401	1.2251
421	0.3508	-224.28	1338.10	1.8185	0.3343	1.8397	1.2274

422	0.3517	-225.99	1332.40	1.8188	0.3343	1.8393	1.2297
423	0.3525	-229.72	1331.50	1.8186	0.3343	1.8389	1.2321
424	0.3533	-231.14	1325.70	1.8189	0.3343	1.8384	1.2344
425	0.3542	-232.57	1320.90	1.8193	0.3343	1.8380	1.2368
426	0.3550	-236.03	1319.90	1.8189	0.3343	1.8376	1.2391
427	0.3558	-237.74	1315.30	1.8192	0.3343	1.8372	1.2415
428	0.3567	-239.63	1309.50	1.8196	0.3343	1.8368	1.2439
429	0.3575	-243.29	1307.30	1.8193	0.3343	1.8363	1.2463
430	0.3583	-244.99	1301.60	1.8196	0.3343	1.8359	1.2487
431	0.3592	-246.57	1296.00	1.8201	0.3343	1.8355	1.2510
432	0.3600	-249.86	1293.30	1.8196	0.3343	1.8350	1.2534
433	0.3608	-250.99	1287.40	1.8196	0.3343	1.8346	1.2558
434	0.3617	-251.96	1281.20	1.8202	0.3343	1.8342	1.2582
435	0.3625	-255.21	1278.30	1.8199	0.3343	1.8338	1.2606
436	0.3633	-257.22	1272.40	1.8201	0.3343	1.8333	1.2630
437	0.3642	-258.63	1267.00	1.8205	0.3343	1.8329	1.2654
438	0.3650	-262.03	1264.50	1.8203	0.3343	1.8325	1.2678
439	0.3658	-263.65	1257.10	1.8204	0.3343	1.8321	1.2702
440	0.3667	-264.77	1250.30	1.8208	0.3343	1.8317	1.2727
441	0.3675	-267.38	1245.70	1.8206	0.3343	1.8312	1.2751
442	0.3683	-268.90	1238.70	1.8207	0.3343	1.8308	1.2776
443	0.3692	-269.62	1230.80	1.8211	0.3343	1.8304	1.2800
444	0.3700	-272.58	1227.90	1.8206	0.3344	1.8299	1.2825
445	0.3708	-273.98	1220.70	1.8208	0.3344	1.8295	1.2849
446	0.3717	-274.73	1213.70	1.8212	0.3344	1.8291	1.2874
447	0.3725	-277.44	1208.40	1.8210	0.3344	1.8287	1.2898
448	0.3733	-280.00	1202.80	1.8212	0.3344	1.8282	1.2923
449	0.3742	-280.60	1194.20	1.8218	0.3344	1.8278	1.2948
450	0.3750	-283.15	1189.30	1.8213	0.3345	1.8274	1.2972
451	0.3758	-284.25	1181.10	1.8213	0.3345	1.8270	1.2997
452	0.3767	-284.63	1172.20	1.8219	0.3345	1.8266	1.3022
453	0.3775	-285.93	1165.50	1.8216	0.3345	1.8262	1.3047
454	0.3783	-287.67	1159.10	1.8215	0.3345	1.8257	1.3071
455	0.3792	-286.74	1148.20	1.8220	0.3345	1.8253	1.3096
456	0.3800	-288.62	1141.70	1.8216	0.3345	1.8249	1.3121
457	0.3808	-289.77	1134.20	1.8216	0.3346	1.8245	1.3146
458	0.3817	-289.82	1124.20	1.8222	0.3345	1.8241	1.3171
459	0.3825	-290.55	1116.20	1.8219	0.3346	1.8237	1.3196
460	0.3833	-292.62	1109.80	1.8219	0.3346	1.8233	1.3221
461	0.3842	-291.36	1098.20	1.8225	0.3346	1.8229	1.3246
462	0.3850	-291.82	1090.00	1.8222	0.3346	1.8225	1.3271
463	0.3858	-292.52	1081.30	1.8221	0.3347	1.8221	1.3296
464	0.3867	-291.62	1069.00	1.8227	0.3347	1.8217	1.3321
465	0.3875	-291.34	1059.90	1.8226	0.3347	1.8213	1.3347
466	0.3883	-292.25	1052.70	1.8226	0.3347	1.8209	1.3372
467	0.3892	-290.01	1039.00	1.8229	0.3348	1.8205	1.3397
468	0.3900	-288.94	1028.70	1.8226	0.3348	1.8201	1.3423

469	0.3908	-288.89	1019.80	1.8226	0.3348	1.8197	1.3448
470	0.3917	-286.89	1005.90	1.8232	0.3348	1.8193	1.3473
471	0.3925	-285.45	993.60	1.8227	0.3349	1.8189	1.3499
472	0.3933	-285.23	983.20	1.8226	0.3349	1.8186	1.3524
473	0.3942	-282.27	967.29	1.8231	0.3350	1.8182	1.3549
474	0.3950	-280.31	953.89	1.8227	0.3350	1.8178	1.3575
475	0.3958	-279.77	941.99	1.8227	0.3351	1.8174	1.3600
476	0.3967	-276.63	925.11	1.8235	0.3351	1.8170	1.3626
477	0.3975	-274.26	910.50	1.8232	0.3352	1.8166	1.3651
478	0.3983	-272.97	897.15	1.8232	0.3352	1.8163	1.3677
479	0.3992	-269.26	878.66	1.8237	0.3353	1.8159	1.3702
480	0.4000	-265.57	862.00	1.8235	0.3353	1.8155	1.3728
481	0.4008	-264.00	847.21	1.8235	0.3354	1.8151	1.3753
482	0.4017	-259.50	827.55	1.8243	0.3355	1.8148	1.3779
483	0.4025	-255.70	809.81	1.8240	0.3356	1.8144	1.3804
484	0.4033	-252.46	793.72	1.8241	0.3357	1.8141	1.3830
485	0.4042	-247.24	773.16	1.8247	0.3357	1.8137	1.3856
486	0.4050	-241.88	755.49	1.8246	0.3358	1.8134	1.3881
487	0.4058	-237.75	740.73	1.8246	0.3359	1.8130	1.3907
488	0.4067	-230.26	720.96	1.8257	0.3360	1.8127	1.3933
489	0.4075	-223.44	700.09	1.8255	0.3361	1.8123	1.3958
490	0.4083	-217.20	680.15	1.8257	0.3363	1.8120	1.3984
491	0.4092	-208.34	652.46	1.8264	0.3363	1.8116	1.4010
492	0.4100	-200.46	624.53	1.8266	0.3364	1.8113	1.4035
493	0.4108	-194.57	598.04	1.8269	0.3364	1.8109	1.4061
494	0.4117	-186.80	568.82	1.8284	0.3362	1.8106	1.4087
495	0.4125	-180.39	542.01	1.8287	0.3360	1.8102	1.4112
496	0.4133	-176.18	520.36	1.8288	0.3357	1.8099	1.4138
497	0.4142	-170.50	495.22	1.8283	0.3354	1.8096	1.4164
498	0.4150	-165.88	472.39	1.8254	0.3350	1.8092	1.4189
499	0.4158	-162.19	453.24	1.8198	0.3348	1.8089	1.4215
500	0.4167	-155.68	429.37	1.8145	0.3346	1.8086	1.4241
501	0.4175	-148.61	404.69	1.8065	0.3346	1.8083	1.4266
502	0.4183	-141.69	382.42	1.7991	0.3347	1.8080	1.4292
503	0.4192	-131.05	354.88	1.7954	0.3348	1.8077	1.4318
504	0.4200	-119.70	324.94	1.7937	0.3353	1.8074	1.4343
505	0.4208	-108.21	295.91	1.7910	0.3360	1.8071	1.4369
506	0.4217	-93.47	262.91	1.7931	0.3370	1.8068	1.4395
507	0.4225	-78.62	230.27	1.7932	0.3384	1.8065	1.4421
508	0.4233	-65.51	201.43	1.7935	0.3402	1.8063	1.4446
509	0.4242	-51.42	171.39	1.7973	0.3418	1.8060	1.4472
510	0.4250	-38.60	143.96	1.8047	0.3434	1.8057	1.4498
511	0.4258	-29.04	121.78	1.8035	0.3455	1.8054	1.4524
512	0.4267	-18.53	97.72	1.8100	0.3466	1.8051	1.4550
513	0.4275	-9.93	75.55	1.8024	0.3480	1.8049	1.4575
514	0.4283	-4.39	58.27	1.7697	0.3508	1.8046	1.4601
515	0.4292	0.42	40.21	1.7086	0.3539	1.8043	1.4627

516	0.4300	4.63	23.12	1.5960	0.3582	1.8041	1.4652
517	0.4308	5.63	0.00	1.8012	0.3671	1.8038	1.4678

M due to Fx ($F_x \cdot dy$) M due to Fy ($F_y \cdot dx$) Sum of Moments Ang Imp (M due to Fx)

Ang Imp (M due to Fy) Ang Imp (Sum of M)

Frame	Time	Fx	Fy	COPx	COPy	TBCMx	TBCMy	dx
0	0.0000	24	-0.95	1.0000	0.5400	1.8250	1.1346	
1	0.0008	24	3.43	1.0000	0.5370	1.8249	1.1327	
2	0.0017	27	3.44	1.0000	0.5484	1.8248	1.1307	
3	0.0025	29	6.08	1.0000	0.4390	1.8247	1.1288	
4	0.0033	31	10.73	1.0114	0.3811	1.8246	1.1268	
5	0.0042	34	11.54	1.0090	0.3798	1.8245	1.1249	
6	0.0050	37	13.82	1.1258	0.3715	1.8244	1.1229	
7	0.0058	37	20.07	1.4040	0.3536	1.8243	1.1209	
8	0.0067	40	21.74	1.4036	0.3523	1.8242	1.1189	
9	0.0075	41	25.63	1.4657	0.3479	1.8241	1.1169	
10	0.0083	41	32.39	1.5711	0.3410	1.8240	1.1150	
11	0.0092	43	35.84	1.5852	0.3401	1.8239	1.1130	
12	0.0100	44	41.39	1.6179	0.3371	1.8238	1.1110	
13	0.0108	44	51.09	1.6854	0.3330	1.8237	1.1090	
14	0.0117	45	56.75	1.6941	0.3322	1.8236	1.1070	
15	0.0125	45	64.95	1.7131	0.3304	1.8235	1.1050	
16	0.0133	44	77.32	1.7525	0.3276	1.8234	1.1031	
17	0.0142	44	87.17	1.7654	0.3265	1.8233	1.1011	
18	0.0150	42	98.22	1.7782	0.3253	1.8232	1.0991	
19	0.0158	38	113.89	1.8024	0.3236	1.8231	1.0971	
20	0.0167	37	126.81	1.8111	0.3228	1.8230	1.0951	
21	0.0175	36	141.09	1.8173	0.3221	1.8230	1.0931	
22	0.0183	32	159.59	1.8310	0.3211	1.8229	1.0911	
23	0.0192	31	176.61	1.8369	0.3203	1.8228	1.0891	
24	0.0200	28	195.99	1.8435	0.3195	1.8227	1.0871	
25	0.0208	24	219.63	1.8533	0.3185	1.8226	1.0851	
26	0.0217	21	241.59	1.8556	0.3179	1.8225	1.0831	
27	0.0225	18	265.75	1.8580	0.3172	1.8224	1.0811	
28	0.0233	13	295.90	1.8639	0.3164	1.8223	1.0791	
29	0.0242	8	325.47	1.8661	0.3157	1.8222	1.0771	
30	0.0250	3	356.76	1.8690	0.3150	1.8221	1.0751	
31	0.0258	-3	391.82	1.8749	0.3143	1.8220	1.0731	
32	0.0267	-8	421.99	1.8768	0.3137	1.8219	1.0712	
33	0.0275	-12	449.94	1.8775	0.3134	1.8218	1.0692	
34	0.0283	-17	478.72	1.8802	0.3130	1.8217	1.0672	
35	0.0292	-19	502.85	1.8796	0.3128	1.8216	1.0653	
36	0.0300	-22	525.25	1.8776	0.3126	1.8215	1.0633	
37	0.0308	-26	552.73	1.8783	0.3125	1.8214	1.0614	
38	0.0317	-29	579.49	1.8779	0.3124	1.8213	1.0594	
39	0.0325	-31	606.93	1.8768	0.3124	1.8213	1.0575	
40	0.0333	-34	641.01	1.8789	0.3123	1.8212	1.0555	
41	0.0342	-35	676.29	1.8813	0.3122	1.8211	1.0536	
42	0.0350	-33	708.84	1.8819	0.3121	1.8210	1.0516	
43	0.0358	-32	744.35	1.8842	0.3120	1.8209	1.0497	
44	0.0367	-27	777.20	1.8852	0.3119	1.8208	1.0478	
45	0.0375	-20	806.26	1.8847	0.3118	1.8208	1.0459	

46	0.0383	-13	835.81	1.8845	0.3116	1.8207	1.0439
47	0.0392	-5	865.37	1.8839	0.3115	1.8206	1.0420
48	0.0400	6	890.60	1.8813	0.3114	1.8205	1.0401
49	0.0408	14	921.20	1.8809	0.3113	1.8204	1.0382
50	0.0417	23	951.31	1.8801	0.3112	1.8203	1.0364
51	0.0425	35	980.26	1.8787	0.3111	1.8202	1.0345
52	0.0433	45	1012.40	1.8787	0.3110	1.8201	1.0326
53	0.0442	54	1046.80	1.8796	0.3109	1.8200	1.0308
54	0.0450	65	1075.50	1.8782	0.3109	1.8199	1.0289
55	0.0458	75	1109.30	1.8784	0.3109	1.8198	1.0271
56	0.0467	83	1143.00	1.8788	0.3109	1.8197	1.0253
57	0.0475	93	1173.50	1.8780	0.3109	1.8197	1.0235
58	0.0483	102	1207.00	1.8780	0.3109	1.8196	1.0217
59	0.0492	110	1242.90	1.8786	0.3109	1.8195	1.0199
60	0.0500	121	1272.30	1.8775	0.3109	1.8194	1.0181
61	0.0508	128	1306.00	1.8772	0.3109	1.8193	1.0163
62	0.0517	133	1341.00	1.8773	0.3109	1.8192	1.0146
63	0.0525	138	1370.40	1.8763	0.3108	1.8191	1.0128
64	0.0533	140	1401.30	1.8756	0.3109	1.8190	1.0111
65	0.0542	139	1433.20	1.8755	0.3109	1.8189	1.0093
66	0.0550	139	1458.10	1.8744	0.3110	1.8188	1.0076
67	0.0558	135	1484.80	1.8741	0.3112	1.8187	1.0059
68	0.0567	128	1514.30	1.8746	0.3114	1.8186	1.0043
69	0.0575	119	1539.50	1.8746	0.3117	1.8185	1.0026
70	0.0583	107	1570.30	1.8761	0.3120	1.8184	1.0010
71	0.0592	94	1605.80	1.8786	0.3123	1.8183	0.9993
72	0.0600	84	1640.80	1.8807	0.3126	1.8182	0.9977
73	0.0608	72	1681.90	1.8835	0.3128	1.8181	0.9961
74	0.0617	59	1731.00	1.8877	0.3130	1.8180	0.9945
75	0.0625	47	1777.90	1.8908	0.3131	1.8178	0.9929
76	0.0633	34	1826.40	1.8937	0.3131	1.8177	0.9913
77	0.0642	20	1873.20	1.8958	0.3130	1.8176	0.9898
78	0.0650	13	1909.30	1.8961	0.3128	1.8175	0.9882
79	0.0658	9	1939.30	1.8953	0.3127	1.8174	0.9867
80	0.0667	10	1963.20	1.8937	0.3126	1.8173	0.9852
81	0.0675	16	1974.10	1.8898	0.3125	1.8171	0.9837
82	0.0683	24	1979.60	1.8853	0.3124	1.8170	0.9822
83	0.0692	29	1982.50	1.8808	0.3124	1.8169	0.9807
84	0.0700	33	1978.20	1.8756	0.3124	1.8168	0.9793
85	0.0708	34	1976.00	1.8710	0.3124	1.8167	0.9779
86	0.0717	30	1979.80	1.8682	0.3124	1.8165	0.9765
87	0.0725	28	1984.70	1.8662	0.3125	1.8164	0.9751
88	0.0733	24	1996.70	1.8662	0.3126	1.8163	0.9737
89	0.0742	18	2014.20	1.8676	0.3126	1.8161	0.9723
90	0.0750	14	2026.60	1.8689	0.3128	1.8160	0.9709
91	0.0758	9	2039.60	1.8708	0.3130	1.8158	0.9696
92	0.0767	2	2053.80	1.8734	0.3133	1.8157	0.9683

93	0.0775	-3	2062.20	1.8753	0.3135	1.8155	0.9670
94	0.0783	-11	2074.20	1.8780	0.3138	1.8153	0.9657
95	0.0792	-19	2093.70	1.8820	0.3140	1.8152	0.9644
96	0.0800	-26	2112.00	1.8856	0.3142	1.8150	0.9631
97	0.0808	-33	2131.40	1.8891	0.3144	1.8148	0.9619
98	0.0817	-43	2152.10	1.8926	0.3145	1.8147	0.9607
99	0.0825	-50	2164.90	1.8944	0.3146	1.8145	0.9596
100	0.0833	-57	2172.20	1.8950	0.3147	1.8143	0.9584
101	0.0842	-65	2179.10	1.8954	0.3147	1.8142	0.9572
102	0.0850	-70	2180.90	1.8951	0.3147	1.8140	0.9560
103	0.0858	-72	2180.10	1.8940	0.3147	1.8138	0.9549
104	0.0867	-73	2179.30	1.8928	0.3147	1.8136	0.9538
105	0.0875	-73	2174.10	1.8907	0.3146	1.8134	0.9527
106	0.0883	-73	2166.80	1.8881	0.3145	1.8132	0.9516
107	0.0892	-75	2161.70	1.8858	0.3145	1.8130	0.9505
108	0.0900	-79	2155.90	1.8838	0.3144	1.8128	0.9494
109	0.0908	-84	2151.20	1.8821	0.3144	1.8126	0.9484
110	0.0917	-91	2151.10	1.8813	0.3143	1.8124	0.9474
111	0.0925	-97	2149.60	1.8807	0.3144	1.8122	0.9464
112	0.0933	-102	2149.40	1.8807	0.3144	1.8120	0.9455
113	0.0942	-109	2152.70	1.8813	0.3145	1.8118	0.9445
114	0.0950	-117	2155.80	1.8821	0.3145	1.8116	0.9435
115	0.0958	-123	2158.60	1.8831	0.3146	1.8114	0.9426
116	0.0967	-131	2167.10	1.8852	0.3147	1.8112	0.9417
117	0.0975	-138	2173.10	1.8870	0.3148	1.8109	0.9408
118	0.0983	-144	2177.50	1.8885	0.3149	1.8107	0.9399
119	0.0992	-150	2184.40	1.8904	0.3150	1.8105	0.9390
120	0.1000	-156	2189.80	1.8920	0.3151	1.8103	0.9381
121	0.1008	-159	2189.20	1.8924	0.3152	1.8101	0.9373
122	0.1017	-164	2192.80	1.8933	0.3152	1.8098	0.9365
123	0.1025	-167	2193.80	1.8936	0.3152	1.8096	0.9357
124	0.1033	-168	2191.20	1.8931	0.3153	1.8094	0.9350
125	0.1042	-170	2190.00	1.8929	0.3153	1.8091	0.9342
126	0.1050	-171	2190.20	1.8928	0.3153	1.8089	0.9334
127	0.1058	-169	2183.00	1.8915	0.3153	1.8087	0.9327
128	0.1067	-168	2180.20	1.8907	0.3152	1.8084	0.9320
129	0.1075	-168	2177.70	1.8901	0.3152	1.8082	0.9313
130	0.1083	-166	2173.10	1.8892	0.3152	1.8080	0.9306
131	0.1092	-165	2170.70	1.8886	0.3152	1.8077	0.9299
132	0.1100	-167	2171.60	1.8886	0.3152	1.8075	0.9292
133	0.1108	-166	2167.10	1.8879	0.3152	1.8073	0.9286
134	0.1117	-166	2166.60	1.8880	0.3152	1.8070	0.9280
135	0.1125	-168	2167.50	1.8885	0.3152	1.8068	0.9273
136	0.1133	-169	2166.30	1.8886	0.3153	1.8066	0.9267
137	0.1142	-170	2167.50	1.8892	0.3153	1.8063	0.9261
138	0.1150	-173	2171.10	1.8902	0.3153	1.8061	0.9255
139	0.1158	-173	2169.20	1.8904	0.3153	1.8059	0.9250

140	0.1167	-174	2169.70	1.8909	0.3153	1.8056	0.9245
141	0.1175	-177	2171.90	1.8918	0.3154	1.8054	0.9240
142	0.1183	-177	2169.80	1.8919	0.3154	1.8052	0.9235
143	0.1192	-178	2169.40	1.8923	0.3154	1.8049	0.9229
144	0.1200	-181	2170.70	1.8927	0.3154	1.8047	0.9224
145	0.1208	-180	2166.90	1.8924	0.3154	1.8045	0.9220
146	0.1217	-181	2164.60	1.8923	0.3154	1.8042	0.9216
147	0.1225	-183	2164.20	1.8924	0.3153	1.8040	0.9211
148	0.1233	-182	2159.10	1.8920	0.3153	1.8038	0.9207
149	0.1242	-182	2155.40	1.8918	0.3153	1.8035	0.9203
150	0.1250	-184	2154.40	1.8920	0.3153	1.8033	0.9199
151	0.1258	-183	2147.20	1.8912	0.3152	1.8031	0.9195
152	0.1267	-183	2142.30	1.8909	0.3152	1.8029	0.9192
153	0.1275	-185	2140.50	1.8911	0.3152	1.8026	0.9188
154	0.1283	-185	2134.20	1.8908	0.3152	1.8024	0.9185
155	0.1292	-186	2128.70	1.8906	0.3151	1.8022	0.9181
156	0.1300	-189	2126.60	1.8911	0.3151	1.8020	0.9178
157	0.1308	-190	2120.20	1.8910	0.3151	1.8018	0.9176
158	0.1317	-192	2115.90	1.8913	0.3151	1.8016	0.9173
159	0.1325	-195	2113.90	1.8920	0.3151	1.8014	0.9170
160	0.1333	-196	2107.90	1.8921	0.3151	1.8012	0.9168
161	0.1342	-197	2103.00	1.8925	0.3151	1.8010	0.9165
162	0.1350	-200	2099.70	1.8931	0.3151	1.8008	0.9163
163	0.1358	-200	2091.00	1.8930	0.3151	1.8006	0.9161
164	0.1367	-202	2084.20	1.8930	0.3151	1.8004	0.9159
165	0.1375	-205	2079.60	1.8936	0.3151	1.8002	0.9158
166	0.1383	-206	2069.80	1.8934	0.3151	1.8001	0.9156
167	0.1392	-207	2061.70	1.8935	0.3151	1.7999	0.9154
168	0.1400	-210	2055.10	1.8939	0.3151	1.7997	0.9153
169	0.1408	-210	2045.00	1.8937	0.3151	1.7995	0.9152
170	0.1417	-212	2035.60	1.8937	0.3151	1.7993	0.9151
171	0.1425	-213	2029.10	1.8942	0.3151	1.7991	0.9150
172	0.1433	-213	2017.20	1.8938	0.3151	1.7990	0.9149
173	0.1442	-213	2007.10	1.8938	0.3151	1.7988	0.9149
174	0.1450	-215	1998.80	1.8942	0.3151	1.7986	0.9148
175	0.1458	-215	1987.40	1.8941	0.3152	1.7984	0.9148
176	0.1467	-217	1976.40	1.8940	0.3152	1.7983	0.9148
177	0.1475	-219	1968.30	1.8945	0.3152	1.7981	0.9148
178	0.1483	-220	1955.90	1.8945	0.3152	1.7980	0.9148
179	0.1492	-221	1944.30	1.8945	0.3153	1.7978	0.9148
180	0.1500	-222	1934.70	1.8949	0.3153	1.7977	0.9148
181	0.1508	-224	1922.60	1.8950	0.3154	1.7975	0.9149
182	0.1517	-224	1911.00	1.8951	0.3154	1.7974	0.9150
183	0.1525	-226	1901.50	1.8955	0.3154	1.7972	0.9151
184	0.1533	-227	1888.60	1.8955	0.3155	1.7970	0.9152
185	0.1542	-228	1875.00	1.8953	0.3155	1.7969	0.9153
186	0.1550	-230	1864.90	1.8957	0.3155	1.7967	0.9154

187	0.1558	-232	1852.80	1.8959	0.3156	1.7966	0.9156
188	0.1567	-232	1839.40	1.8958	0.3157	1.7964	0.9158
189	0.1575	-234	1829.10	1.8963	0.3157	1.7963	0.9159
190	0.1583	-235	1816.90	1.8965	0.3158	1.7962	0.9161
191	0.1592	-235	1803.10	1.8964	0.3158	1.7960	0.9163
192	0.1600	-237	1791.40	1.8966	0.3159	1.7959	0.9165
193	0.1608	-238	1779.70	1.8967	0.3159	1.7957	0.9168
194	0.1617	-238	1764.20	1.8962	0.3160	1.7956	0.9170
195	0.1625	-240	1753.80	1.8966	0.3161	1.7954	0.9173
196	0.1633	-242	1741.90	1.8966	0.3161	1.7953	0.9176
197	0.1642	-242	1728.40	1.8963	0.3162	1.7951	0.9178
198	0.1650	-243	1717.70	1.8966	0.3162	1.7950	0.9181
199	0.1658	-246	1709.40	1.8973	0.3163	1.7948	0.9185
200	0.1667	-244	1694.60	1.8967	0.3163	1.7947	0.9188
201	0.1675	-245	1684.80	1.8971	0.3164	1.7945	0.9192
202	0.1683	-247	1674.50	1.8973	0.3164	1.7944	0.9195
203	0.1692	-247	1661.80	1.8971	0.3165	1.7942	0.9199
204	0.1700	-247	1651.70	1.8973	0.3166	1.7941	0.9202
205	0.1708	-249	1644.00	1.8979	0.3166	1.7939	0.9207
206	0.1717	-248	1630.00	1.8973	0.3167	1.7938	0.9211
207	0.1725	-248	1620.80	1.8976	0.3168	1.7936	0.9215
208	0.1733	-249	1613.20	1.8981	0.3169	1.7935	0.9220
209	0.1742	-249	1601.70	1.8977	0.3170	1.7933	0.9224
210	0.1750	-249	1592.10	1.8976	0.3170	1.7932	0.9229
211	0.1758	-250	1586.50	1.8983	0.3170	1.7930	0.9234
212	0.1767	-248	1575.10	1.8977	0.3171	1.7929	0.9239
213	0.1775	-248	1566.20	1.8977	0.3172	1.7927	0.9244
214	0.1783	-248	1559.30	1.8981	0.3172	1.7925	0.9249
215	0.1792	-246	1549.80	1.8980	0.3173	1.7924	0.9254
216	0.1800	-246	1542.00	1.8979	0.3174	1.7922	0.9259
217	0.1808	-247	1536.20	1.8983	0.3174	1.7920	0.9265
218	0.1817	-245	1525.30	1.8975	0.3175	1.7918	0.9271
219	0.1825	-245	1517.70	1.8973	0.3176	1.7916	0.9277
220	0.1833	-245	1512.80	1.8976	0.3176	1.7915	0.9283
221	0.1842	-243	1502.80	1.8971	0.3177	1.7913	0.9289
222	0.1850	-241	1495.80	1.8970	0.3177	1.7911	0.9295
223	0.1858	-241	1491.80	1.8977	0.3178	1.7909	0.9301
224	0.1867	-238	1483.30	1.8973	0.3178	1.7907	0.9308
225	0.1875	-237	1476.50	1.8972	0.3179	1.7905	0.9315
226	0.1883	-237	1473.80	1.8979	0.3179	1.7903	0.9321
227	0.1892	-235	1465.00	1.8972	0.3179	1.7901	0.9328
228	0.1900	-234	1458.90	1.8971	0.3180	1.7899	0.9335
229	0.1908	-235	1454.60	1.8975	0.3180	1.7897	0.9342
230	0.1917	-232	1446.60	1.8970	0.3180	1.7894	0.9349
231	0.1925	-231	1439.90	1.8968	0.3181	1.7892	0.9357
232	0.1933	-232	1438.10	1.8977	0.3181	1.7890	0.9364
233	0.1942	-230	1431.50	1.8973	0.3182	1.7887	0.9371

234	0.1950	-229	1426.70	1.8973	0.3182	1.7885	0.9379
235	0.1958	-228	1423.70	1.8975	0.3182	1.7883	0.9387
236	0.1967	-226	1417.70	1.8971	0.3183	1.7880	0.9395
237	0.1975	-224	1412.60	1.8970	0.3183	1.7878	0.9403
238	0.1983	-224	1411.00	1.8977	0.3183	1.7876	0.9411
239	0.1992	-222	1404.60	1.8972	0.3183	1.7873	0.9419
240	0.2000	-220	1400.50	1.8973	0.3184	1.7871	0.9427
241	0.2008	-219	1398.10	1.8975	0.3184	1.7868	0.9436
242	0.2017	-216	1392.50	1.8971	0.3184	1.7866	0.9444
243	0.2025	-214	1387.40	1.8967	0.3184	1.7863	0.9453
244	0.2033	-213	1386.50	1.8973	0.3184	1.7860	0.9461
245	0.2042	-210	1380.60	1.8966	0.3185	1.7858	0.9470
246	0.2050	-208	1376.30	1.8963	0.3185	1.7855	0.9479
247	0.2058	-207	1375.10	1.8968	0.3185	1.7852	0.9488
248	0.2067	-204	1370.80	1.8964	0.3185	1.7849	0.9497
249	0.2075	-202	1367.60	1.8962	0.3185	1.7847	0.9507
250	0.2083	-201	1367.90	1.8969	0.3185	1.7844	0.9516
251	0.2092	-198	1363.50	1.8963	0.3185	1.7841	0.9525
252	0.2100	-195	1359.70	1.8960	0.3185	1.7838	0.9534
253	0.2108	-194	1359.30	1.8962	0.3185	1.7835	0.9544
254	0.2117	-192	1356.50	1.8959	0.3185	1.7832	0.9554
255	0.2125	-189	1354.00	1.8956	0.3185	1.7828	0.9564
256	0.2133	-188	1355.00	1.8961	0.3185	1.7825	0.9574
257	0.2142	-186	1352.10	1.8956	0.3185	1.7822	0.9584
258	0.2150	-183	1349.40	1.8952	0.3186	1.7819	0.9594
259	0.2158	-181	1349.50	1.8956	0.3185	1.7816	0.9604
260	0.2167	-179	1348.00	1.8954	0.3185	1.7813	0.9615
261	0.2175	-175	1346.10	1.8950	0.3186	1.7809	0.9625
262	0.2183	-174	1348.00	1.8955	0.3185	1.7806	0.9635
263	0.2192	-172	1346.70	1.8952	0.3185	1.7803	0.9646
264	0.2200	-169	1344.30	1.8944	0.3185	1.7800	0.9656
265	0.2208	-168	1344.90	1.8944	0.3185	1.7797	0.9667
266	0.2217	-166	1345.20	1.8943	0.3185	1.7793	0.9678
267	0.2225	-162	1342.50	1.8934	0.3185	1.7790	0.9689
268	0.2233	-161	1344.40	1.8937	0.3185	1.7787	0.9700
269	0.2242	-160	1344.90	1.8938	0.3185	1.7783	0.9711
270	0.2250	-157	1343.10	1.8932	0.3185	1.7780	0.9722
271	0.2258	-155	1344.10	1.8933	0.3185	1.7777	0.9734
272	0.2267	-154	1345.80	1.8936	0.3184	1.7773	0.9746
273	0.2275	-150	1342.70	1.8925	0.3184	1.7770	0.9757
274	0.2283	-148	1344.40	1.8927	0.3184	1.7767	0.9769
275	0.2292	-147	1346.60	1.8930	0.3184	1.7763	0.9780
276	0.2300	-144	1345.70	1.8924	0.3184	1.7760	0.9792
277	0.2308	-142	1347.60	1.8925	0.3184	1.7757	0.9804
278	0.2317	-141	1351.70	1.8933	0.3184	1.7753	0.9816
279	0.2325	-137	1350.00	1.8923	0.3184	1.7750	0.9828
280	0.2333	-135	1351.20	1.8923	0.3184	1.7747	0.9840

281	0.2342	-134	1353.70	1.8927	0.3184	1.7743	0.9852
282	0.2350	-130	1353.00	1.8922	0.3184	1.7740	0.9864
283	0.2358	-128	1354.30	1.8921	0.3184	1.7737	0.9877
284	0.2367	-128	1357.50	1.8926	0.3183	1.7733	0.9890
285	0.2375	-124	1355.90	1.8919	0.3184	1.7730	0.9902
286	0.2383	-122	1357.10	1.8917	0.3184	1.7727	0.9915
287	0.2392	-121	1360.50	1.8922	0.3184	1.7723	0.9927
288	0.2400	-118	1359.70	1.8916	0.3184	1.7720	0.9940
289	0.2408	-116	1361.00	1.8917	0.3184	1.7717	0.9953
290	0.2417	-116	1364.90	1.8923	0.3183	1.7713	0.9966
291	0.2425	-113	1363.30	1.8917	0.3183	1.7710	0.9979
292	0.2433	-110	1364.00	1.8916	0.3184	1.7706	0.9992
293	0.2442	-110	1367.30	1.8922	0.3183	1.7703	1.0005
294	0.2450	-107	1366.10	1.8915	0.3183	1.7699	1.0018
295	0.2458	-105	1365.90	1.8911	0.3183	1.7696	1.0032
296	0.2467	-105	1368.90	1.8914	0.3183	1.7692	1.0045
297	0.2475	-102	1366.60	1.8905	0.3183	1.7689	1.0059
298	0.2483	-100	1366.70	1.8903	0.3183	1.7686	1.0073
299	0.2492	-100	1369.60	1.8907	0.3183	1.7682	1.0086
300	0.2500	-98	1368.60	1.8904	0.3183	1.7679	1.0100
301	0.2508	-96	1368.40	1.8903	0.3184	1.7676	1.0114
302	0.2517	-96	1371.20	1.8912	0.3184	1.7672	1.0128
303	0.2525	-93	1369.10	1.8907	0.3184	1.7669	1.0142
304	0.2533	-91	1368.60	1.8906	0.3184	1.7665	1.0155
305	0.2542	-92	1371.20	1.8912	0.3184	1.7662	1.0169
306	0.2550	-90	1368.80	1.8908	0.3184	1.7658	1.0183
307	0.2558	-88	1367.90	1.8906	0.3184	1.7655	1.0197
308	0.2567	-88	1369.80	1.8912	0.3184	1.7651	1.0212
309	0.2575	-87	1367.50	1.8907	0.3184	1.7648	1.0226
310	0.2583	-86	1366.10	1.8905	0.3184	1.7645	1.0241
311	0.2592	-86	1368.70	1.8912	0.3184	1.7641	1.0255
312	0.2600	-85	1366.20	1.8906	0.3184	1.7638	1.0270
313	0.2608	-83	1364.80	1.8904	0.3184	1.7635	1.0285
314	0.2617	-83	1366.00	1.8909	0.3184	1.7631	1.0300
315	0.2625	-82	1363.50	1.8905	0.3184	1.7628	1.0314
316	0.2633	-81	1361.70	1.8905	0.3185	1.7625	1.0329
317	0.2642	-82	1363.60	1.8913	0.3185	1.7621	1.0344
318	0.2650	-81	1360.10	1.8907	0.3185	1.7618	1.0359
319	0.2658	-80	1357.90	1.8906	0.3185	1.7615	1.0374
320	0.2667	-81	1358.50	1.8910	0.3185	1.7611	1.0389
321	0.2675	-80	1356.00	1.8907	0.3185	1.7608	1.0404
322	0.2683	-79	1353.30	1.8905	0.3185	1.7604	1.0420
323	0.2692	-80	1354.50	1.8914	0.3185	1.7601	1.0435
324	0.2700	-80	1351.30	1.8911	0.3185	1.7597	1.0450
325	0.2708	-79	1349.00	1.8912	0.3186	1.7594	1.0466
326	0.2717	-79	1348.90	1.8916	0.3185	1.7590	1.0481
327	0.2725	-79	1346.20	1.8915	0.3186	1.7587	1.0497

328	0.2733	-79	1343.90	1.8914	0.3186	1.7583	1.0512
329	0.2742	-80	1344.90	1.8920	0.3186	1.7580	1.0528
330	0.2750	-80	1341.10	1.8915	0.3186	1.7576	1.0543
331	0.2758	-79	1338.00	1.8914	0.3186	1.7572	1.0559
332	0.2767	-80	1338.70	1.8921	0.3186	1.7569	1.0575
333	0.2775	-80	1337.00	1.8922	0.3186	1.7565	1.0591
334	0.2783	-79	1333.40	1.8918	0.3186	1.7561	1.0607
335	0.2792	-80	1334.30	1.8925	0.3186	1.7558	1.0623
336	0.2800	-80	1332.10	1.8925	0.3186	1.7554	1.0639
337	0.2808	-79	1328.20	1.8920	0.3186	1.7550	1.0655
338	0.2817	-79	1328.10	1.8925	0.3186	1.7547	1.0672
339	0.2825	-80	1327.90	1.8931	0.3186	1.7543	1.0688
340	0.2833	-79	1324.30	1.8926	0.3187	1.7539	1.0704
341	0.2842	-80	1324.80	1.8931	0.3186	1.7536	1.0721
342	0.2850	-80	1324.50	1.8935	0.3186	1.7532	1.0737
343	0.2858	-79	1321.20	1.8930	0.3187	1.7528	1.0754
344	0.2867	-80	1321.20	1.8934	0.3186	1.7524	1.0771
345	0.2875	-82	1322.70	1.8942	0.3186	1.7521	1.0787
346	0.2883	-81	1319.00	1.8935	0.3186	1.7517	1.0804
347	0.2892	-82	1319.80	1.8938	0.3186	1.7513	1.0821
348	0.2900	-84	1320.30	1.8941	0.3186	1.7509	1.0838
349	0.2908	-84	1318.60	1.8938	0.3186	1.7505	1.0855
350	0.2917	-85	1318.60	1.8941	0.3186	1.7501	1.0872
351	0.2925	-87	1321.10	1.8949	0.3185	1.7497	1.0889
352	0.2933	-87	1318.10	1.8945	0.3186	1.7493	1.0907
353	0.2942	-88	1319.40	1.8950	0.3185	1.7489	1.0924
354	0.2950	-90	1320.90	1.8954	0.3185	1.7485	1.0941
355	0.2958	-90	1319.30	1.8950	0.3185	1.7481	1.0959
356	0.2967	-91	1320.60	1.8952	0.3185	1.7477	1.0976
357	0.2975	-93	1324.10	1.8960	0.3184	1.7473	1.0994
358	0.2983	-93	1322.30	1.8954	0.3185	1.7469	1.1012
359	0.2992	-93	1323.40	1.8957	0.3184	1.7465	1.1029
360	0.3000	-96	1326.50	1.8965	0.3184	1.7461	1.1047
361	0.3008	-96	1326.00	1.8964	0.3184	1.7457	1.1065
362	0.3017	-97	1327.30	1.8965	0.3184	1.7452	1.1083
363	0.3025	-99	1330.20	1.8972	0.3183	1.7448	1.1101
364	0.3033	-98	1327.70	1.8965	0.3183	1.7444	1.1119
365	0.3042	-98	1328.60	1.8966	0.3183	1.7439	1.1137
366	0.3050	-100	1331.30	1.8972	0.3183	1.7435	1.1155
367	0.3058	-100	1329.90	1.8968	0.3183	1.7431	1.1174
368	0.3067	-100	1331.30	1.8971	0.3183	1.7426	1.1192
369	0.3075	-102	1335.50	1.8979	0.3182	1.7422	1.1211
370	0.3083	-101	1334.40	1.8976	0.3182	1.7418	1.1230
371	0.3092	-102	1335.20	1.8977	0.3182	1.7413	1.1248
372	0.3100	-103	1339.30	1.8986	0.3181	1.7409	1.1267
373	0.3108	-103	1338.30	1.8983	0.3181	1.7405	1.1286
374	0.3117	-103	1338.60	1.8982	0.3181	1.7400	1.1305

375	0.3125	-104	1341.80	1.8990	0.3181	1.7396	1.1324
376	0.3133	-103	1340.40	1.8985	0.3181	1.7391	1.1343
377	0.3142	-104	1340.10	1.8983	0.3181	1.7387	1.1362
378	0.3150	-105	1344.20	1.8991	0.3180	1.7382	1.1381
379	0.3158	-105	1343.10	1.8988	0.3180	1.7377	1.1400
380	0.3167	-105	1343.50	1.8988	0.3180	1.7373	1.1420
381	0.3175	-106	1346.70	1.8997	0.3180	1.7368	1.1439
382	0.3183	-106	1346.10	1.8996	0.3180	1.7363	1.1459
383	0.3192	-106	1345.90	1.8996	0.3179	1.7359	1.1478
384	0.3200	-108	1349.80	1.9006	0.3179	1.7354	1.1498
385	0.3208	-108	1348.30	1.9003	0.3179	1.7349	1.1518
386	0.3217	-108	1347.60	1.9002	0.3179	1.7344	1.1538
387	0.3225	-110	1349.40	1.9008	0.3179	1.7339	1.1558
388	0.3233	-110	1347.90	1.9006	0.3179	1.7335	1.1577
389	0.3242	-110	1346.30	1.9005	0.3178	1.7330	1.1597
390	0.3250	-113	1348.80	1.9013	0.3178	1.7325	1.1617
391	0.3258	-113	1347.00	1.9012	0.3178	1.7320	1.1637
392	0.3267	-113	1345.40	1.9010	0.3178	1.7315	1.1658
393	0.3275	-115	1346.50	1.9016	0.3178	1.7310	1.1678
394	0.3283	-115	1344.50	1.9015	0.3178	1.7305	1.1698
395	0.3292	-116	1341.90	1.9014	0.3177	1.7300	1.1719
396	0.3300	-118	1342.60	1.9021	0.3177	1.7295	1.1739
397	0.3308	-118	1339.00	1.9018	0.3177	1.7290	1.1760
398	0.3317	-118	1336.10	1.9019	0.3177	1.7285	1.1780
399	0.3325	-120	1336.20	1.9026	0.3176	1.7280	1.1801
400	0.3333	-120	1333.80	1.9027	0.3176	1.7275	1.1821
401	0.3342	-121	1330.40	1.9027	0.3176	1.7270	1.1842
402	0.3350	-123	1330.30	1.9035	0.3176	1.7265	1.1862
403	0.3358	-123	1326.30	1.9034	0.3176	1.7260	1.1883
404	0.3367	-124	1321.40	1.9031	0.3176	1.7255	1.1904
405	0.3375	-126	1319.30	1.9036	0.3176	1.7250	1.1925
406	0.3383	-127	1315.00	1.9036	0.3176	1.7245	1.1946
407	0.3392	-127	1310.80	1.9037	0.3176	1.7240	1.1967
408	0.3400	-130	1309.10	1.9044	0.3176	1.7235	1.1988
409	0.3408	-130	1304.40	1.9044	0.3176	1.7230	1.2009
410	0.3417	-131	1299.00	1.9043	0.3176	1.7225	1.2030
411	0.3425	-133	1296.90	1.9051	0.3176	1.7219	1.2051
412	0.3433	-134	1292.40	1.9054	0.3176	1.7214	1.2073
413	0.3442	-134	1285.30	1.9050	0.3176	1.7209	1.2094
414	0.3450	-136	1282.40	1.9057	0.3176	1.7204	1.2115
415	0.3458	-136	1276.70	1.9060	0.3176	1.7199	1.2136
416	0.3467	-136	1269.30	1.9057	0.3176	1.7193	1.2158
417	0.3475	-137	1265.30	1.9062	0.3176	1.7188	1.2179
418	0.3483	-140	1260.90	1.9068	0.3176	1.7183	1.2200
419	0.3492	-140	1251.50	1.9063	0.3176	1.7177	1.2222
420	0.3500	-142	1247.10	1.9068	0.3176	1.7172	1.2243
421	0.3508	-144	1241.50	1.9073	0.3176	1.7167	1.2265

422	0.3517	-144	1232.70	1.9070	0.3176	1.7161	1.2286
423	0.3525	-146	1227.40	1.9075	0.3177	1.7156	1.2308
424	0.3533	-148	1224.30	1.9085	0.3176	1.7151	1.2330
425	0.3542	-148	1214.80	1.9081	0.3177	1.7145	1.2351
426	0.3550	-150	1209.60	1.9086	0.3177	1.7140	1.2373
427	0.3558	-152	1204.70	1.9093	0.3177	1.7135	1.2395
428	0.3567	-153	1196.00	1.9091	0.3177	1.7130	1.2417
429	0.3575	-154	1189.00	1.9094	0.3177	1.7124	1.2438
430	0.3583	-156	1183.50	1.9102	0.3177	1.7119	1.2460
431	0.3592	-155	1172.70	1.9099	0.3177	1.7114	1.2482
432	0.3600	-156	1165.30	1.9103	0.3178	1.7109	1.2504
433	0.3608	-158	1158.90	1.9111	0.3178	1.7104	1.2526
434	0.3617	-157	1148.90	1.9109	0.3178	1.7098	1.2548
435	0.3625	-158	1141.40	1.9112	0.3178	1.7093	1.2569
436	0.3633	-160	1135.60	1.9119	0.3178	1.7088	1.2591
437	0.3642	-159	1124.00	1.9113	0.3179	1.7082	1.2613
438	0.3650	-159	1115.30	1.9113	0.3179	1.7077	1.2635
439	0.3658	-161	1108.50	1.9121	0.3179	1.7072	1.2657
440	0.3667	-160	1098.30	1.9121	0.3179	1.7067	1.2679
441	0.3675	-160	1088.90	1.9124	0.3180	1.7061	1.2702
442	0.3683	-161	1082.50	1.9134	0.3180	1.7056	1.2724
443	0.3692	-160	1070.10	1.9130	0.3180	1.7051	1.2746
444	0.3700	-160	1060.60	1.9132	0.3181	1.7046	1.2768
445	0.3708	-161	1053.10	1.9141	0.3181	1.7041	1.2790
446	0.3717	-159	1041.30	1.9139	0.3182	1.7036	1.2812
447	0.3725	-158	1030.70	1.9140	0.3182	1.7030	1.2834
448	0.3733	-158	1023.40	1.9152	0.3182	1.7025	1.2856
449	0.3742	-156	1010.70	1.9149	0.3183	1.7020	1.2878
450	0.3750	-155	999.07	1.9148	0.3183	1.7015	1.2900
451	0.3758	-155	990.79	1.9160	0.3183	1.7010	1.2922
452	0.3767	-153	978.19	1.9158	0.3184	1.7005	1.2944
453	0.3775	-151	966.56	1.9160	0.3185	1.6999	1.2967
454	0.3783	-150	957.07	1.9169	0.3185	1.6994	1.2989
455	0.3792	-147	943.68	1.9165	0.3186	1.6989	1.3011
456	0.3800	-145	931.31	1.9165	0.3187	1.6984	1.3033
457	0.3808	-144	921.05	1.9172	0.3187	1.6979	1.3055
458	0.3817	-141	906.76	1.9167	0.3188	1.6974	1.3077
459	0.3825	-138	893.84	1.9166	0.3189	1.6969	1.3100
460	0.3833	-137	883.08	1.9173	0.3189	1.6964	1.3122
461	0.3842	-133	868.93	1.9172	0.3189	1.6959	1.3144
462	0.3850	-130	856.36	1.9175	0.3189	1.6954	1.3166
463	0.3858	-128	845.26	1.9183	0.3189	1.6949	1.3188
464	0.3867	-124	828.64	1.9172	0.3188	1.6944	1.3210
465	0.3875	-120	813.46	1.9166	0.3188	1.6938	1.3233
466	0.3883	-116	800.01	1.9168	0.3187	1.6933	1.3255
467	0.3892	-111	782.51	1.9156	0.3187	1.6928	1.3277
468	0.3900	-107	765.65	1.9148	0.3186	1.6923	1.3299

469	0.3908	-103	752.88	1.9157	0.3185	1.6918	1.3321
470	0.3917	-98	734.76	1.9149	0.3184	1.6913	1.3343
471	0.3925	-93	716.13	1.9138	0.3184	1.6908	1.3366
472	0.3933	-89	698.72	1.9135	0.3183	1.6903	1.3388
473	0.3942	-84	678.44	1.9122	0.3183	1.6898	1.3410
474	0.3950	-78	657.37	1.9109	0.3183	1.6893	1.3432
475	0.3958	-75	638.92	1.9112	0.3184	1.6888	1.3454
476	0.3967	-70	617.18	1.9100	0.3184	1.6883	1.3476
477	0.3975	-65	597.36	1.9100	0.3185	1.6878	1.3498
478	0.3983	-62	580.77	1.9121	0.3185	1.6874	1.3520
479	0.3992	-59	562.31	1.9131	0.3186	1.6869	1.3542
480	0.4000	-54	543.02	1.9133	0.3187	1.6864	1.3564
481	0.4008	-51	526.78	1.9161	0.3187	1.6859	1.3586
482	0.4017	-46	506.64	1.9163	0.3189	1.6854	1.3608
483	0.4025	-40	485.11	1.9156	0.3190	1.6849	1.3631
484	0.4033	-35	465.00	1.9159	0.3191	1.6844	1.3653
485	0.4042	-29	443.23	1.9158	0.3191	1.6839	1.3675
486	0.4050	-21	418.10	1.9128	0.3193	1.6834	1.3697
487	0.4058	-15	396.19	1.9122	0.3193	1.6829	1.3719
488	0.4067	-8	370.40	1.9093	0.3195	1.6824	1.3741
489	0.4075	0	343.54	1.9053	0.3196	1.6819	1.3763
490	0.4083	7	320.49	1.9041	0.3197	1.6814	1.3785
491	0.4092	13	298.00	1.9030	0.3198	1.6809	1.3807
492	0.4100	22	271.57	1.8972	0.3200	1.6804	1.3829
493	0.4108	28	250.00	1.8957	0.3200	1.6799	1.3851
494	0.4117	34	226.67	1.8904	0.3202	1.6794	1.3873
495	0.4125	40	199.83	1.8773	0.3208	1.6789	1.3895
496	0.4133	46	175.78	1.8672	0.3213	1.6785	1.3917
497	0.4142	50	152.76	1.8556	0.3221	1.6780	1.3939
498	0.4150	56	125.49	1.8271	0.3242	1.6775	1.3961
499	0.4158	61	104.05	1.8066	0.3265	1.6770	1.3983
500	0.4167	63	83.87	1.7822	0.3302	1.6766	1.4005
501	0.4175	66	61.90	1.7188	0.3378	1.6761	1.4027
502	0.4183	66	44.22	1.6395	0.3500	1.6756	1.4049
503	0.4192	63	30.50	1.5364	0.3700	1.6752	1.4071
504	0.4200	61	0.00	1.8239	0.3509	1.6747	1.4093

dy M due to Fx ($F_x \cdot dy$) M due to Fy ($F_y \cdot dx$) Sum of Moments Ang Imp (M due to Fx)

Ang Imp (M due to F_y) Ang Imp (Sum of M)

Frame	Time	Fx	Fy	COPx	COPy	TBCMx	TBCMy	dx
0	0.0000	12	3	2.4100	0.2300	1.6459	1.1067	
1	0.0008	13	6	2.4100	0.2300	1.6459	1.1051	
2	0.0017	14	11	2.4100	0.2300	1.6460	1.1034	
3	0.0025	18	20	2.4132	0.2306	1.6461	1.1018	
4	0.0033	20	26	2.2601	0.2496	1.6462	1.1001	
5	0.0042	23	35	2.0873	0.2659	1.6463	1.0985	
6	0.0050	27	47	1.9587	0.2766	1.6464	1.0968	
7	0.0058	29	54	1.9308	0.2806	1.6464	1.0952	
8	0.0067	30	64	1.8856	0.2848	1.6465	1.0935	
9	0.0075	33	77	1.8344	0.2884	1.6466	1.0919	
10	0.0083	34	86	1.8246	0.2900	1.6467	1.0902	
11	0.0092	35	97	1.8058	0.2917	1.6468	1.0885	
12	0.0100	37	112	1.7755	0.2935	1.6469	1.0869	
13	0.0108	38	123	1.7693	0.2944	1.6470	1.0852	
14	0.0117	39	135	1.7640	0.2954	1.6471	1.0835	
15	0.0125	40	151	1.7490	0.2966	1.6472	1.0819	
16	0.0133	41	166	1.7430	0.2976	1.6473	1.0802	
17	0.0142	43	183	1.7357	0.2985	1.6474	1.0785	
18	0.0150	45	203	1.7241	0.2993	1.6475	1.0768	
19	0.0158	45	221	1.7204	0.2999	1.6475	1.0752	
20	0.0167	45	241	1.7159	0.3004	1.6476	1.0735	
21	0.0175	46	263	1.7100	0.3009	1.6477	1.0718	
22	0.0183	46	284	1.7071	0.3012	1.6478	1.0701	
23	0.0192	45	307	1.7041	0.3017	1.6479	1.0684	
24	0.0200	46	332	1.6975	0.3020	1.6480	1.0668	
25	0.0208	45	355	1.6959	0.3022	1.6481	1.0651	
26	0.0217	43	379	1.6938	0.3025	1.6482	1.0634	
27	0.0225	43	406	1.6903	0.3027	1.6483	1.0618	
28	0.0233	43	432	1.6887	0.3030	1.6484	1.0601	
29	0.0242	41	459	1.6879	0.3032	1.6485	1.0585	
30	0.0250	42	489	1.6843	0.3035	1.6486	1.0568	
31	0.0258	41	518	1.6834	0.3037	1.6486	1.0552	
32	0.0267	39	547	1.6829	0.3038	1.6487	1.0535	
33	0.0275	39	579	1.6810	0.3040	1.6488	1.0519	
34	0.0283	39	611	1.6797	0.3041	1.6489	1.0502	
35	0.0292	37	642	1.6795	0.3043	1.6490	1.0486	
36	0.0300	37	677	1.6771	0.3045	1.6491	1.0469	
37	0.0308	37	709	1.6760	0.3046	1.6491	1.0453	
38	0.0317	36	742	1.6751	0.3047	1.6492	1.0437	
39	0.0325	37	778	1.6733	0.3049	1.6493	1.0420	
40	0.0333	40	813	1.6717	0.3050	1.6494	1.0404	
41	0.0342	40	844	1.6722	0.3051	1.6495	1.0388	
42	0.0350	44	882	1.6704	0.3052	1.6496	1.0372	
43	0.0358	49	918	1.6694	0.3053	1.6496	1.0356	
44	0.0367	52	951	1.6692	0.3054	1.6497	1.0340	
45	0.0375	59	987	1.6679	0.3055	1.6498	1.0324	

46	0.0383	68	1026	1.6660	0.3056	1.6499	1.0308
47	0.0392	74	1058	1.6661	0.3057	1.6500	1.0292
48	0.0400	83	1096	1.6647	0.3058	1.6501	1.0277
49	0.0408	94	1134	1.6628	0.3059	1.6502	1.0261
50	0.0417	104	1168	1.6623	0.3060	1.6503	1.0246
51	0.0425	115	1205	1.6609	0.3061	1.6504	1.0230
52	0.0433	128	1245	1.6590	0.3062	1.6505	1.0215
53	0.0442	140	1280	1.6585	0.3064	1.6506	1.0200
54	0.0450	154	1319	1.6571	0.3065	1.6507	1.0185
55	0.0458	170	1359	1.6551	0.3068	1.6507	1.0170
56	0.0467	184	1395	1.6540	0.3070	1.6508	1.0154
57	0.0475	201	1436	1.6523	0.3073	1.6509	1.0139
58	0.0483	220	1481	1.6496	0.3077	1.6510	1.0124
59	0.0492	238	1525	1.6476	0.3082	1.6511	1.0109
60	0.0500	257	1580	1.6447	0.3087	1.6512	1.0095
61	0.0508	278	1645	1.6408	0.3093	1.6513	1.0080
62	0.0517	297	1711	1.6370	0.3098	1.6514	1.0065
63	0.0525	316	1787	1.6316	0.3103	1.6515	1.0051
64	0.0533	336	1872	1.6251	0.3105	1.6516	1.0036
65	0.0542	357	1954	1.6194	0.3107	1.6517	1.0022
66	0.0550	382	2039	1.6137	0.3106	1.6518	1.0008
67	0.0558	410	2123	1.6086	0.3105	1.6519	0.9994
68	0.0567	431	2184	1.6066	0.3103	1.6520	0.9980
69	0.0575	446	2223	1.6076	0.3101	1.6521	0.9966
70	0.0583	453	2237	1.6106	0.3100	1.6522	0.9953
71	0.0592	447	2222	1.6167	0.3099	1.6523	0.9939
72	0.0600	437	2191	1.6242	0.3098	1.6524	0.9926
73	0.0608	427	2156	1.6315	0.3098	1.6526	0.9913
74	0.0617	418	2119	1.6380	0.3098	1.6527	0.9899
75	0.0625	412	2089	1.6424	0.3098	1.6528	0.9886
76	0.0633	409	2064	1.6447	0.3098	1.6529	0.9873
77	0.0642	404	2035	1.6468	0.3099	1.6530	0.9860
78	0.0650	398	2010	1.6478	0.3101	1.6531	0.9848
79	0.0658	392	1990	1.6475	0.3105	1.6533	0.9835
80	0.0667	382	1973	1.6466	0.3108	1.6534	0.9823
81	0.0675	372	1967	1.6438	0.3112	1.6535	0.9810
82	0.0683	362	1972	1.6394	0.3115	1.6536	0.9798
83	0.0692	350	1979	1.6352	0.3118	1.6537	0.9786
84	0.0700	336	1987	1.6315	0.3120	1.6539	0.9774
85	0.0708	323	1995	1.6289	0.3122	1.6540	0.9762
86	0.0717	305	1995	1.6287	0.3123	1.6541	0.9751
87	0.0725	285	1994	1.6293	0.3123	1.6543	0.9739
88	0.0733	266	1995	1.6306	0.3122	1.6544	0.9727
89	0.0742	243	1990	1.6331	0.3121	1.6545	0.9716
90	0.0750	220	1985	1.6363	0.3119	1.6547	0.9705
91	0.0758	200	1980	1.6396	0.3116	1.6548	0.9695
92	0.0767	180	1970	1.6439	0.3115	1.6549	0.9684

93	0.0775	162	1959	1.6483	0.3113	1.6551	0.9673
94	0.0783	145	1951	1.6521	0.3111	1.6552	0.9662
95	0.0792	128	1943	1.6556	0.3110	1.6554	0.9652
96	0.0800	110	1936	1.6583	0.3109	1.6555	0.9642
97	0.0808	95	1932	1.6605	0.3108	1.6557	0.9632
98	0.0817	80	1926	1.6626	0.3108	1.6558	0.9622
99	0.0825	71	1921	1.6643	0.3108	1.6560	0.9612
100	0.0833	68	1922	1.6651	0.3108	1.6561	0.9601
101	0.0842	69	1924	1.6656	0.3108	1.6563	0.9592
102	0.0850	72	1928	1.6652	0.3108	1.6564	0.9583
103	0.0858	79	1938	1.6635	0.3108	1.6566	0.9574
104	0.0867	85	1946	1.6617	0.3109	1.6568	0.9565
105	0.0875	90	1955	1.6599	0.3110	1.6569	0.9556
106	0.0883	96	1966	1.6577	0.3110	1.6571	0.9546
107	0.0892	103	1975	1.6561	0.3111	1.6573	0.9538
108	0.0900	108	1982	1.6550	0.3112	1.6574	0.9530
109	0.0908	114	1993	1.6536	0.3112	1.6576	0.9522
110	0.0917	120	2001	1.6528	0.3112	1.6577	0.9513
111	0.0925	124	2006	1.6527	0.3112	1.6579	0.9505
112	0.0933	129	2012	1.6526	0.3112	1.6580	0.9497
113	0.0942	134	2018	1.6528	0.3112	1.6582	0.9489
114	0.0950	136	2018	1.6544	0.3111	1.6583	0.9482
115	0.0958	139	2023	1.6553	0.3111	1.6585	0.9475
116	0.0967	140	2027	1.6564	0.3110	1.6587	0.9467
117	0.0975	140	2028	1.6582	0.3109	1.6588	0.9460
118	0.0983	141	2031	1.6595	0.3108	1.6590	0.9452
119	0.0992	143	2036	1.6603	0.3108	1.6592	0.9446
120	0.1000	142	2035	1.6620	0.3107	1.6594	0.9439
121	0.1008	145	2037	1.6628	0.3108	1.6596	0.9433
122	0.1017	148	2042	1.6631	0.3108	1.6597	0.9427
123	0.1025	151	2045	1.6635	0.3108	1.6599	0.9420
124	0.1033	155	2056	1.6626	0.3109	1.6601	0.9414
125	0.1042	161	2072	1.6609	0.3109	1.6603	0.9408
126	0.1050	164	2084	1.6597	0.3109	1.6605	0.9403
127	0.1058	168	2098	1.6582	0.3109	1.6607	0.9397
128	0.1067	172	2111	1.6568	0.3110	1.6608	0.9392
129	0.1075	173	2114	1.6571	0.3110	1.6610	0.9386
130	0.1083	174	2115	1.6575	0.3110	1.6612	0.9381
131	0.1092	176	2117	1.6579	0.3110	1.6614	0.9376
132	0.1100	176	2113	1.6594	0.3110	1.6616	0.9372
133	0.1108	176	2111	1.6603	0.3110	1.6618	0.9367
134	0.1117	179	2113	1.6607	0.3110	1.6619	0.9363
135	0.1125	180	2111	1.6616	0.3110	1.6621	0.9358
136	0.1133	181	2111	1.6622	0.3110	1.6623	0.9353
137	0.1142	185	2116	1.6619	0.3110	1.6625	0.9350
138	0.1150	185	2115	1.6625	0.3110	1.6627	0.9346
139	0.1158	187	2116	1.6625	0.3111	1.6629	0.9343

140	0.1167	189	2119	1.6622	0.3111	1.6631	0.9339
141	0.1175	188	2116	1.6626	0.3111	1.6633	0.9336
142	0.1183	189	2114	1.6630	0.3111	1.6635	0.9332
143	0.1192	190	2113	1.6630	0.3111	1.6637	0.9330
144	0.1200	189	2106	1.6639	0.3111	1.6639	0.9327
145	0.1208	189	2102	1.6642	0.3112	1.6642	0.9324
146	0.1217	191	2102	1.6638	0.3112	1.6644	0.9322
147	0.1225	190	2096	1.6641	0.3112	1.6646	0.9319
148	0.1233	189	2093	1.6641	0.3113	1.6648	0.9317
149	0.1242	190	2091	1.6637	0.3113	1.6650	0.9315
150	0.1250	189	2084	1.6641	0.3113	1.6652	0.9314
151	0.1258	187	2078	1.6643	0.3114	1.6655	0.9312
152	0.1267	187	2075	1.6638	0.3114	1.6657	0.9311
153	0.1275	184	2066	1.6644	0.3114	1.6659	0.9309
154	0.1283	181	2058	1.6646	0.3114	1.6661	0.9307
155	0.1292	180	2052	1.6646	0.3115	1.6663	0.9307
156	0.1300	176	2041	1.6653	0.3115	1.6665	0.9306
157	0.1308	173	2031	1.6660	0.3115	1.6668	0.9306
158	0.1317	171	2025	1.6658	0.3115	1.6670	0.9305
159	0.1325	167	2013	1.6665	0.3115	1.6672	0.9305
160	0.1333	164	2002	1.6671	0.3115	1.6674	0.9304
161	0.1342	162	1993	1.6673	0.3115	1.6677	0.9305
162	0.1350	158	1979	1.6679	0.3115	1.6679	0.9305
163	0.1358	156	1967	1.6684	0.3116	1.6682	0.9306
164	0.1367	155	1957	1.6684	0.3116	1.6684	0.9306
165	0.1375	151	1943	1.6691	0.3116	1.6687	0.9307
166	0.1383	149	1929	1.6695	0.3117	1.6689	0.9307
167	0.1392	147	1918	1.6693	0.3117	1.6691	0.9308
168	0.1400	145	1904	1.6700	0.3117	1.6694	0.9310
169	0.1408	143	1890	1.6704	0.3117	1.6696	0.9311
170	0.1417	142	1879	1.6700	0.3118	1.6698	0.9313
171	0.1425	139	1866	1.6703	0.3118	1.6701	0.9314
172	0.1433	136	1852	1.6708	0.3119	1.6703	0.9315
173	0.1442	133	1840	1.6707	0.3119	1.6706	0.9318
174	0.1450	131	1826	1.6710	0.3119	1.6708	0.9320
175	0.1458	127	1812	1.6713	0.3120	1.6711	0.9322
176	0.1467	126	1800	1.6712	0.3120	1.6714	0.9325
177	0.1475	123	1786	1.6719	0.3121	1.6716	0.9327
178	0.1483	119	1771	1.6726	0.3121	1.6719	0.9329
179	0.1492	116	1760	1.6726	0.3121	1.6722	0.9333
180	0.1500	114	1747	1.6730	0.3121	1.6724	0.9336
181	0.1508	109	1732	1.6739	0.3122	1.6727	0.9339
182	0.1517	106	1721	1.6739	0.3122	1.6730	0.9342
183	0.1525	103	1708	1.6744	0.3122	1.6732	0.9346
184	0.1533	99	1693	1.6752	0.3123	1.6735	0.9349
185	0.1542	96	1682	1.6756	0.3123	1.6738	0.9353
186	0.1550	94	1671	1.6757	0.3123	1.6740	0.9357

187	0.1558	90	1656	1.6766	0.3124	1.6743	0.9361
188	0.1567	88	1647	1.6765	0.3124	1.6746	0.9365
189	0.1575	87	1636	1.6767	0.3124	1.6748	0.9369
190	0.1583	83	1623	1.6773	0.3125	1.6751	0.9373
191	0.1592	81	1613	1.6773	0.3125	1.6754	0.9378
192	0.1600	81	1605	1.6770	0.3126	1.6757	0.9383
193	0.1608	77	1591	1.6780	0.3126	1.6759	0.9387
194	0.1617	76	1582	1.6778	0.3127	1.6762	0.9392
195	0.1625	75	1574	1.6778	0.3127	1.6765	0.9397
196	0.1633	72	1564	1.6783	0.3127	1.6768	0.9402
197	0.1642	71	1556	1.6785	0.3127	1.6771	0.9407
198	0.1650	71	1551	1.6779	0.3128	1.6774	0.9413
199	0.1658	69	1539	1.6789	0.3128	1.6776	0.9418
200	0.1667	68	1532	1.6789	0.3128	1.6779	0.9424
201	0.1675	68	1526	1.6788	0.3128	1.6782	0.9429
202	0.1683	66	1516	1.6793	0.3128	1.6785	0.9435
203	0.1692	65	1508	1.6796	0.3128	1.6788	0.9441
204	0.1700	66	1503	1.6792	0.3128	1.6791	0.9447
205	0.1708	65	1493	1.6802	0.3129	1.6793	0.9453
206	0.1717	65	1486	1.6803	0.3129	1.6796	0.9459
207	0.1725	66	1481	1.6798	0.3129	1.6799	0.9466
208	0.1733	66	1473	1.6805	0.3130	1.6802	0.9472
209	0.1742	66	1467	1.6804	0.3130	1.6805	0.9479
210	0.1750	68	1464	1.6798	0.3130	1.6808	0.9485
211	0.1758	67	1456	1.6807	0.3131	1.6810	0.9492
212	0.1767	68	1450	1.6810	0.3131	1.6813	0.9499
213	0.1775	70	1447	1.6804	0.3131	1.6816	0.9506
214	0.1783	70	1439	1.6812	0.3131	1.6819	0.9512
215	0.1792	71	1434	1.6815	0.3131	1.6822	0.9520
216	0.1800	73	1431	1.6811	0.3131	1.6825	0.9527
217	0.1808	73	1424	1.6818	0.3132	1.6827	0.9534
218	0.1817	74	1419	1.6819	0.3132	1.6830	0.9542
219	0.1825	76	1417	1.6813	0.3132	1.6833	0.9549
220	0.1833	77	1412	1.6818	0.3132	1.6836	0.9556
221	0.1842	78	1408	1.6820	0.3133	1.6839	0.9564
222	0.1850	80	1406	1.6816	0.3133	1.6842	0.9572
223	0.1858	80	1400	1.6827	0.3133	1.6844	0.9580
224	0.1867	81	1396	1.6830	0.3133	1.6847	0.9588
225	0.1875	83	1395	1.6825	0.3133	1.6850	0.9596
226	0.1883	83	1390	1.6833	0.3133	1.6853	0.9603
227	0.1892	83	1387	1.6833	0.3133	1.6856	0.9612
228	0.1900	86	1386	1.6828	0.3133	1.6858	0.9620
229	0.1908	87	1381	1.6835	0.3133	1.6861	0.9628
230	0.1917	88	1379	1.6837	0.3134	1.6864	0.9637
231	0.1925	91	1379	1.6829	0.3134	1.6866	0.9645
232	0.1933	92	1375	1.6837	0.3134	1.6869	0.9653
233	0.1942	93	1372	1.6840	0.3134	1.6872	0.9662

234	0.1950	96	1372	1.6836	0.3134	1.6875	0.9671
235	0.1958	97	1368	1.6843	0.3134	1.6877	0.9680
236	0.1967	98	1366	1.6846	0.3134	1.6880	0.9689
237	0.1975	101	1367	1.6838	0.3134	1.6883	0.9697
238	0.1983	102	1364	1.6841	0.3135	1.6886	0.9706
239	0.1992	103	1361	1.6845	0.3135	1.6889	0.9715
240	0.2000	106	1361	1.6842	0.3135	1.6891	0.9724
241	0.2008	108	1358	1.6847	0.3135	1.6894	0.9734
242	0.2017	109	1356	1.6847	0.3136	1.6897	0.9743
243	0.2025	113	1357	1.6843	0.3136	1.6899	0.9752
244	0.2033	114	1355	1.6846	0.3136	1.6902	0.9761
245	0.2042	116	1353	1.6850	0.3136	1.6905	0.9771
246	0.2050	119	1354	1.6843	0.3136	1.6907	0.9780
247	0.2058	121	1352	1.6847	0.3136	1.6910	0.9790
248	0.2067	122	1351	1.6848	0.3136	1.6913	0.9800
249	0.2075	126	1353	1.6842	0.3136	1.6915	0.9809
250	0.2083	127	1351	1.6842	0.3136	1.6918	0.9819
251	0.2092	129	1350	1.6846	0.3136	1.6921	0.9829
252	0.2100	132	1351	1.6842	0.3136	1.6923	0.9839
253	0.2108	134	1350	1.6845	0.3137	1.6926	0.9849
254	0.2117	136	1349	1.6848	0.3137	1.6929	0.9859
255	0.2125	139	1351	1.6843	0.3137	1.6931	0.9869
256	0.2133	141	1350	1.6845	0.3137	1.6934	0.9879
257	0.2142	143	1347	1.6852	0.3137	1.6937	0.9889
258	0.2150	146	1349	1.6847	0.3137	1.6939	0.9900
259	0.2158	149	1349	1.6846	0.3137	1.6942	0.9910
260	0.2167	151	1348	1.6851	0.3137	1.6945	0.9921
261	0.2175	154	1349	1.6849	0.3137	1.6947	0.9931
262	0.2183	157	1350	1.6846	0.3137	1.6950	0.9942
263	0.2192	158	1349	1.6848	0.3138	1.6953	0.9953
264	0.2200	161	1351	1.6842	0.3138	1.6956	0.9963
265	0.2208	165	1352	1.6841	0.3137	1.6958	0.9974
266	0.2217	166	1350	1.6846	0.3138	1.6961	0.9985
267	0.2225	170	1352	1.6843	0.3138	1.6964	0.9996
268	0.2233	173	1352	1.6844	0.3138	1.6967	1.0007
269	0.2242	175	1351	1.6850	0.3138	1.6970	1.0019
270	0.2250	178	1353	1.6845	0.3138	1.6972	1.0030
271	0.2258	182	1356	1.6837	0.3138	1.6975	1.0042
272	0.2267	182	1354	1.6844	0.3138	1.6978	1.0053
273	0.2275	185	1356	1.6841	0.3138	1.6980	1.0065
274	0.2283	189	1358	1.6840	0.3138	1.6983	1.0076
275	0.2292	190	1357	1.6845	0.3138	1.6986	1.0088
276	0.2300	193	1358	1.6843	0.3138	1.6989	1.0100
277	0.2308	197	1362	1.6835	0.3138	1.6991	1.0112
278	0.2317	197	1360	1.6842	0.3138	1.6994	1.0124
279	0.2325	199	1362	1.6839	0.3139	1.6997	1.0136
280	0.2333	203	1364	1.6834	0.3139	1.7000	1.0148

281	0.2342	204	1363	1.6840	0.3139	1.7003	1.0160
282	0.2350	206	1364	1.6841	0.3139	1.7006	1.0173
283	0.2358	210	1367	1.6833	0.3139	1.7009	1.0185
284	0.2367	211	1367	1.6839	0.3139	1.7012	1.0198
285	0.2375	213	1367	1.6840	0.3139	1.7015	1.0210
286	0.2383	216	1370	1.6835	0.3139	1.7018	1.0223
287	0.2392	217	1369	1.6841	0.3139	1.7021	1.0236
288	0.2400	219	1370	1.6841	0.3140	1.7024	1.0250
289	0.2408	222	1373	1.6835	0.3139	1.7027	1.0263
290	0.2417	222	1372	1.6840	0.3140	1.7030	1.0276
291	0.2425	223	1373	1.6840	0.3140	1.7033	1.0290
292	0.2433	226	1376	1.6834	0.3140	1.7036	1.0303
293	0.2442	227	1375	1.6842	0.3140	1.7039	1.0317
294	0.2450	228	1376	1.6842	0.3140	1.7042	1.0331
295	0.2458	230	1379	1.6837	0.3140	1.7046	1.0345
296	0.2467	230	1377	1.6844	0.3140	1.7049	1.0358
297	0.2475	231	1378	1.6843	0.3140	1.7052	1.0372
298	0.2483	234	1381	1.6836	0.3140	1.7055	1.0386
299	0.2492	235	1380	1.6841	0.3140	1.7058	1.0401
300	0.2500	236	1380	1.6841	0.3140	1.7062	1.0415
301	0.2508	239	1382	1.6836	0.3140	1.7065	1.0430
302	0.2517	239	1381	1.6843	0.3141	1.7069	1.0445
303	0.2525	241	1380	1.6844	0.3140	1.7072	1.0459
304	0.2533	243	1383	1.6839	0.3140	1.7076	1.0474
305	0.2542	244	1382	1.6842	0.3140	1.7079	1.0490
306	0.2550	245	1382	1.6842	0.3141	1.7083	1.0505
307	0.2558	247	1384	1.6837	0.3140	1.7086	1.0521
308	0.2567	247	1382	1.6843	0.3141	1.7090	1.0536
309	0.2575	248	1383	1.6843	0.3141	1.7093	1.0552
310	0.2583	251	1385	1.6837	0.3141	1.7097	1.0567
311	0.2592	252	1383	1.6842	0.3141	1.7101	1.0583
312	0.2600	253	1382	1.6844	0.3141	1.7104	1.0599
313	0.2608	255	1385	1.6835	0.3141	1.7108	1.0615
314	0.2617	255	1384	1.6837	0.3141	1.7112	1.0631
315	0.2625	256	1383	1.6840	0.3141	1.7115	1.0647
316	0.2633	259	1385	1.6834	0.3140	1.7119	1.0663
317	0.2642	259	1383	1.6837	0.3141	1.7123	1.0680
318	0.2650	260	1381	1.6841	0.3141	1.7127	1.0697
319	0.2658	262	1382	1.6839	0.3140	1.7130	1.0713
320	0.2667	263	1380	1.6841	0.3141	1.7134	1.0730
321	0.2675	264	1379	1.6843	0.3141	1.7138	1.0747
322	0.2683	266	1380	1.6837	0.3141	1.7142	1.0764
323	0.2692	266	1378	1.6843	0.3141	1.7146	1.0782
324	0.2700	266	1376	1.6846	0.3141	1.7150	1.0799
325	0.2708	268	1377	1.6842	0.3141	1.7153	1.0817
326	0.2717	269	1376	1.6842	0.3141	1.7157	1.0834
327	0.2725	270	1374	1.6847	0.3141	1.7161	1.0852

328	0.2733	272	1375	1.6840	0.3141	1.7165	1.0869
329	0.2742	273	1372	1.6847	0.3141	1.7169	1.0887
330	0.2750	273	1369	1.6852	0.3141	1.7173	1.0905
331	0.2758	275	1369	1.6850	0.3141	1.7177	1.0923
332	0.2767	276	1368	1.6849	0.3141	1.7181	1.0941
333	0.2775	275	1364	1.6857	0.3141	1.7185	1.0959
334	0.2783	277	1366	1.6849	0.3141	1.7189	1.0977
335	0.2792	277	1364	1.6853	0.3141	1.7193	1.0996
336	0.2800	277	1362	1.6858	0.3141	1.7197	1.1014
337	0.2808	279	1361	1.6857	0.3141	1.7200	1.1033
338	0.2817	281	1361	1.6852	0.3141	1.7204	1.1052
339	0.2825	280	1356	1.6862	0.3141	1.7208	1.1070
340	0.2833	282	1357	1.6858	0.3141	1.7212	1.1089
341	0.2842	283	1354	1.6860	0.3141	1.7216	1.1108
342	0.2850	283	1351	1.6867	0.3141	1.7220	1.1127
343	0.2858	284	1350	1.6866	0.3141	1.7224	1.1146
344	0.2867	286	1351	1.6860	0.3141	1.7228	1.1166
345	0.2875	285	1346	1.6869	0.3142	1.7232	1.1185
346	0.2883	287	1346	1.6867	0.3142	1.7236	1.1204
347	0.2892	290	1345	1.6863	0.3141	1.7240	1.1224
348	0.2900	289	1341	1.6869	0.3141	1.7244	1.1244
349	0.2908	291	1339	1.6869	0.3141	1.7247	1.1264
350	0.2917	294	1340	1.6864	0.3141	1.7251	1.1283
351	0.2925	293	1334	1.6872	0.3141	1.7255	1.1303
352	0.2933	294	1333	1.6870	0.3142	1.7259	1.1323
353	0.2942	297	1332	1.6865	0.3142	1.7263	1.1343
354	0.2950	297	1327	1.6872	0.3142	1.7267	1.1364
355	0.2958	299	1325	1.6872	0.3142	1.7270	1.1384
356	0.2967	301	1325	1.6867	0.3142	1.7274	1.1404
357	0.2975	301	1319	1.6879	0.3142	1.7278	1.1425
358	0.2983	302	1316	1.6881	0.3142	1.7282	1.1445
359	0.2992	304	1316	1.6873	0.3142	1.7286	1.1466
360	0.3000	304	1311	1.6877	0.3142	1.7289	1.1487
361	0.3008	305	1309	1.6876	0.3142	1.7293	1.1508
362	0.3017	308	1308	1.6868	0.3142	1.7297	1.1528
363	0.3025	308	1301	1.6878	0.3142	1.7300	1.1549
364	0.3033	309	1297	1.6882	0.3142	1.7304	1.1570
365	0.3042	311	1296	1.6876	0.3142	1.7308	1.1591
366	0.3050	312	1290	1.6884	0.3143	1.7311	1.1612
367	0.3058	313	1286	1.6886	0.3143	1.7315	1.1633
368	0.3067	315	1286	1.6879	0.3142	1.7319	1.1655
369	0.3075	315	1280	1.6887	0.3142	1.7322	1.1676
370	0.3083	316	1276	1.6894	0.3142	1.7326	1.1697
371	0.3092	319	1274	1.6887	0.3142	1.7330	1.1719
372	0.3100	319	1269	1.6893	0.3143	1.7333	1.1741
373	0.3108	320	1264	1.6897	0.3143	1.7337	1.1762
374	0.3117	322	1261	1.6894	0.3143	1.7341	1.1784

375	0.3125	322	1256	1.6899	0.3144	1.7344	1.1806
376	0.3133	323	1251	1.6901	0.3144	1.7348	1.1828
377	0.3142	326	1248	1.6896	0.3144	1.7352	1.1850
378	0.3150	326	1241	1.6902	0.3144	1.7355	1.1872
379	0.3158	327	1237	1.6901	0.3144	1.7359	1.1894
380	0.3167	329	1233	1.6896	0.3144	1.7363	1.1916
381	0.3175	330	1225	1.6903	0.3144	1.7366	1.1938
382	0.3183	330	1219	1.6903	0.3145	1.7370	1.1960
383	0.3192	333	1216	1.6896	0.3145	1.7374	1.1982
384	0.3200	333	1207	1.6904	0.3145	1.7377	1.2005
385	0.3208	333	1201	1.6906	0.3146	1.7381	1.2027
386	0.3217	335	1197	1.6899	0.3146	1.7385	1.2050
387	0.3225	335	1188	1.6906	0.3147	1.7388	1.2072
388	0.3233	335	1181	1.6909	0.3147	1.7392	1.2095
389	0.3242	338	1176	1.6901	0.3147	1.7396	1.2118
390	0.3250	338	1167	1.6910	0.3147	1.7400	1.2140
391	0.3258	338	1158	1.6919	0.3148	1.7403	1.2163
392	0.3267	340	1153	1.6913	0.3148	1.7407	1.2186
393	0.3275	340	1144	1.6919	0.3149	1.7411	1.2208
394	0.3283	340	1136	1.6923	0.3149	1.7415	1.2231
395	0.3292	342	1130	1.6915	0.3150	1.7419	1.2254
396	0.3300	342	1120	1.6918	0.3150	1.7423	1.2277
397	0.3308	341	1110	1.6925	0.3151	1.7426	1.2300
398	0.3317	342	1102	1.6924	0.3151	1.7430	1.2323
399	0.3325	342	1092	1.6930	0.3152	1.7434	1.2346
400	0.3333	342	1081	1.6934	0.3152	1.7438	1.2369
401	0.3342	343	1074	1.6929	0.3153	1.7442	1.2392
402	0.3350	342	1063	1.6934	0.3153	1.7446	1.2415
403	0.3358	341	1052	1.6938	0.3154	1.7450	1.2439
404	0.3367	342	1043	1.6933	0.3155	1.7454	1.2462
405	0.3375	341	1032	1.6936	0.3155	1.7458	1.2485
406	0.3383	339	1020	1.6944	0.3156	1.7462	1.2508
407	0.3392	340	1011	1.6938	0.3157	1.7466	1.2531
408	0.3400	340	999	1.6942	0.3158	1.7470	1.2555
409	0.3408	338	987	1.6951	0.3159	1.7475	1.2578
410	0.3417	338	977	1.6950	0.3160	1.7479	1.2601
411	0.3425	338	966	1.6949	0.3160	1.7483	1.2625
412	0.3433	335	951	1.6964	0.3161	1.7487	1.2648
413	0.3442	335	941	1.6961	0.3162	1.7491	1.2671
414	0.3450	335	928	1.6966	0.3163	1.7495	1.2695
415	0.3458	333	913	1.6978	0.3164	1.7500	1.2718
416	0.3467	332	902	1.6976	0.3165	1.7504	1.2741
417	0.3475	333	892	1.6968	0.3166	1.7508	1.2765
418	0.3483	330	877	1.6981	0.3168	1.7512	1.2788
419	0.3492	329	866	1.6973	0.3169	1.7516	1.2811
420	0.3500	329	854	1.6971	0.3170	1.7521	1.2835
421	0.3508	326	839	1.6983	0.3172	1.7525	1.2858

422	0.3517	325	826	1.6985	0.3173	1.7530	1.2882
423	0.3525	325	815	1.6977	0.3174	1.7534	1.2905
424	0.3533	322	798	1.6997	0.3175	1.7539	1.2929
425	0.3542	321	785	1.7000	0.3177	1.7543	1.2952
426	0.3550	320	773	1.6995	0.3178	1.7548	1.2976
427	0.3558	317	758	1.7004	0.3179	1.7552	1.2999
428	0.3567	316	745	1.7005	0.3180	1.7557	1.3022
429	0.3575	316	735	1.6991	0.3181	1.7561	1.3046
430	0.3583	313	719	1.7006	0.3182	1.7566	1.3069
431	0.3592	311	707	1.7008	0.3182	1.7571	1.3092
432	0.3600	309	696	1.7001	0.3181	1.7575	1.3115
433	0.3608	306	682	1.7012	0.3181	1.7580	1.3139
434	0.3617	303	668	1.7022	0.3180	1.7585	1.3162
435	0.3625	302	657	1.7021	0.3179	1.7589	1.3185
436	0.3633	297	639	1.7058	0.3177	1.7594	1.3208
437	0.3642	294	623	1.7084	0.3176	1.7599	1.3231
438	0.3650	291	607	1.7101	0.3174	1.7604	1.3254
439	0.3658	287	587	1.7147	0.3173	1.7609	1.3278
440	0.3667	284	569	1.7184	0.3173	1.7614	1.3301
441	0.3675	283	552	1.7203	0.3172	1.7619	1.3324
442	0.3683	280	531	1.7240	0.3172	1.7624	1.3347
443	0.3692	278	512	1.7258	0.3173	1.7629	1.3370
444	0.3700	278	496	1.7245	0.3172	1.7634	1.3392
445	0.3708	276	476	1.7264	0.3174	1.7639	1.3415
446	0.3717	275	457	1.7258	0.3176	1.7644	1.3438
447	0.3725	275	440	1.7239	0.3179	1.7649	1.3460
448	0.3733	272	419	1.7256	0.3184	1.7654	1.3483
449	0.3742	270	400	1.7254	0.3189	1.7659	1.3505
450	0.3750	269	385	1.7208	0.3194	1.7665	1.3528
451	0.3758	264	367	1.7213	0.3200	1.7670	1.3550
452	0.3767	261	349	1.7213	0.3204	1.7675	1.3573
453	0.3775	259	335	1.7180	0.3207	1.7681	1.3595
454	0.3783	254	317	1.7203	0.3210	1.7686	1.3618
455	0.3792	249	301	1.7221	0.3212	1.7692	1.3640
456	0.3800	245	287	1.7211	0.3210	1.7697	1.3662
457	0.3808	237	269	1.7272	0.3210	1.7703	1.3684
458	0.3817	229	251	1.7338	0.3206	1.7709	1.3706
459	0.3825	222	237	1.7371	0.3199	1.7714	1.3728
460	0.3833	213	217	1.7493	0.3193	1.7720	1.3750
461	0.3842	204	199	1.7617	0.3187	1.7726	1.3772
462	0.3850	196	183	1.7696	0.3178	1.7732	1.3793
463	0.3858	187	163	1.7903	0.3172	1.7737	1.3815
464	0.3867	179	145	1.8119	0.3167	1.7743	1.3836
465	0.3875	172	129	1.8256	0.3160	1.7749	1.3858
466	0.3883	165	111	1.8568	0.3158	1.7755	1.3879
467	0.3892	159	94	1.8905	0.3161	1.7761	1.3900
468	0.3900	155	80	1.9194	0.3167	1.7767	1.3921

469	0.3908	150	62	1.9951	0.3195	1.7773	1.3942
470	0.3917	144	44	2.1206	0.3256	1.7779	1.3963
471	0.3925	139	31	2.2562	0.3371	1.7785	1.3984
472	0.3933	133	0	1.4289	0.3511	1.7791	1.4005

dy M due to Fx (Fx*dy) M due to Fy (Fy*dx) Sum of Moments Ang Imp (M due to Fx)

Ang Imp (M due to Fy) Ang Imp (Sum of M)