

#	t0	x0	v0	w0	t1	x1	v1	w1	p	r min	r max
1	0.10738529	-1.18927271	-3.3277047	-3.50594969	0.39261471	1.189272707	8.339060559	-1.39905031	1	7.70E-09	1.17E-04
2	0.75	1.73357746	4.850724164	-1.39905031	1.25	-0.69178462	-4.85072416	-3.50594969	1	5.50E-09	1.16E-04
3	0.75	-1.73357746	-4.85072416	-1.39905031	1.25	0.691784622	4.850724164	-3.50594969	1	1.86E-10	1.16E-04
4	0.39261471	1.189272707	8.339060559	-1.39905031	1.10738529	-1.18927271	-3.3277047	-3.50594969	1	1.91E-08	1.17E-04
5	0.25	0.691784622	4.850724164	-3.50594969	0.75	-1.73357746	-4.85072416	-1.39905031	1	2.78E-10	1.16E-04
6	0.10738529	1.189272707	3.327704699	-3.50594969	0.39261471	-1.18927271	-8.33906056	-1.39905031	1	2.96E-09	1.17E-04
7	0.25	-0.69178462	-4.85072416	-3.50594969	0.75	1.73357746	4.850724164	-1.39905031	1	1.23E-10	1.16E-04
8	0.39261471	-1.18927271	-8.33906056	-1.39905031	1.10738529	1.189272707	3.327704699	-3.50594969	1	5.01E-09	1.17E-04
9	0.25	-0.11930809	-2.21472346	-9.28153116	1.25	2.095415372	2.214723459	-0.52846884	2	7.58E-10	1.17E-04
10	0.75	2.095415372	2.214723459	-0.52846884	1.75	-0.11930809	-2.21472346	-9.28153116	2	1.16E-10	1.19E-04
11	0.25	2.095415372	2.214723459	-0.52846884	1.25	-0.11930809	-2.21472346	-9.28153116	2	1.93E-10	1.17E-04
12	0.152476654	-0.92063664	-2.44882246	4.447942926	1.74145773	0.085875728	0.633432573	-9.46598123	2	3.80E-10	1.05E-04
13	0.25	0.119308087	2.214723459	-9.28153116	1.25	-2.09541537	-2.21472346	-0.52846884	2	1.45E-10	1.17E-04
14	0.75	0.119308087	2.214723459	-9.28153116	1.75	-2.09541537	-2.21472346	-0.52846884	2	2.36E-10	1.19E-04
15	0.24145773	-0.19815316	-1.4616082	-9.46598123	0.652476654	2.124314601	5.650512984	4.447942926	2	1.61E-09	1.03E-04
16	0.25854227	0.198153163	5.650512984	-8.48003857	1.847523346	-2.1243146	-1.4616082	-6.12192313	2	5.14E-10	4.30E-05
17	0.75	-0.11930809	-2.21472346	-9.28153116	1.75	2.095415372	2.214723459	-0.52846884	2	1.82E-10	1.19E-04
18	0.74145773	0.085875728	0.633432573	-9.46598123	1.152476654	-0.92063664	-2.44882246	4.447942926	2	6.13E-10	1.05E-04
19	0.75	-2.09541537	-2.21472346	-0.52846884	1.75	0.119308087	2.214723459	-9.28153116	2	1.52E-10	1.19E-04
20	0.75854227	0.085875728	2.44882246	-8.48003857	2.347523346	-0.92063664	-0.63343257	-6.12192313	2	4.07E-10	6.40E-05
21	0.25	-2.09541537	-2.21472346	-0.52846884	1.25	0.119308087	2.214723459	-9.28153116	2	2.30E-10	1.17E-04
22	0.847523346	2.124314601	1.461608196	-6.12192313	1.25854227	-0.19815316	-5.65051298	-8.48003857	2	3.77E-09	4.30E-05
23	0.652476654	-2.1243146	-5.65051298	4.447942926	2.24145773	0.198153163	1.461608196	-9.46598123	2	6.02E-10	1.03E-04
24	0.347523346	-0.92063664	-0.63343257	-6.12192313	0.75854227	0.085875728	2.44882246	-8.48003857	2	7.93E-11	6.40E-05
25	0.696129578	0.361693449	0.382287434	-9.28153116	0.803870422	-0.36169345	-6.71413804	-0.52846884	2	2.03E-09	1.29E-05
26	0.25854227	-0.19815316	-5.65051298	-8.48003857	1.847523346	2.124314601	1.461608196	-6.12192313	2	1.68E-09	4.30E-05
27	0.25	-1.81E-18	1.90E-17	-4.905	1.25	-1.63E-17	-1.36E-17	-4.905	2	3.39E-10	6.50E-04
28	0.74145773	-0.08587573	-0.63343257	-9.46598123	1.152476654	0.920636643	2.44882246	4.447942926	2	8.49E-10	1.05E-04
29	0.347523346	0.920636643	0.633432573	-6.12192313	0.75854227	-0.08587573	-2.44882246	-8.48003857	2	2.37E-10	6.40E-05
30	0.847523346	-2.1243146	-1.4616082	-6.12192313	1.25854227	0.198153163	5.650512984	-8.48003857	2	1.05E-09	4.30E-05
31	0.152476654	0.920636643	2.44882246	4.447942926	1.74145773	-0.08587573	-0.63343257	-9.46598123	2	5.25E-10	1.05E-04
32	0.855584513	2.56E-21	1.14E-20	-1.03578407	2.644415487	-8.50E-23	-1.75E-21	-8.77421593	2	4.48E-09	1.00E-04
33	0.75854227	-0.08587573	-2.44882246	-8.48003857	2.347523346	0.920636643	0.633432573	-6.12192313	2	4.49E-10	6.40E-05
34	0.373874847	9.98E-17	6.80E-17	-6.73154171	0.784893771	-1.54E-17	-4.13E-16	-6.12327997	2	2.63E-10	1.79E-04
35	0.652476654	2.124314601	5.650512984	4.447942926	2.24145773	-0.19815316	-1.4616082	-9.46598123	2	3.21E-10	1.03E-04
36	0.126125153	4.39E-16	1.11E-15	2.091184331	1.715106229	-4.79E-17	-4.07E-16	-8.85636265	2	3.82E-10	2.36E-04
37	0.24145773	0.198153163	1.461608196	-9.46598123	0.652476654	-2.1243146	-5.65051298	4.447942926	2	3.70E-10	1.03E-04
38	0.784893771	3.52E-28	1.01E-26	-6.12327997	2.373874847	-1.83E-27	-1.38E-27	-6.73154171	2	1.10E-10	1.79E-04
39	0.803870422	0.361693449	6.714138037	-0.52846884	2.696129578	-0.36169345	-0.38228743	-9.28153116	2	2.50E-09	1.29E-05
40	0.803870422	-0.36169345	-6.71413804	-0.52846884	2.696129578	0.361693449	0.382287434	-9.28153116	2	2.64E-09	1.29E-05
41	0.715106229	-7.37E-17	-5.35E-16	-8.85636265	1.126125153	6.40E-16	1.70E-15	2.091184331	2	2.37E-10	2.36E-04
42	0.303870422	-0.60760007	-11.278918	-0.52846884	2.196129578	0.607600073	0.642195411	-9.28153116	2	8.59E-11	8.18E-06
43	0.696129578	-0.36169345	-0.38228743	-9.28153116	0.803870422	0.361693449	6.714138037	-0.52846884	2	2.32E-10	1.29E-05
44	0.644415487	-1.87E-29	2.64E-29	-8.77421593	0.855584513	6.71E-29	4.21E-28	-1.03578407	2	1.34E-09	1.00E-04
45	0.303870422	0.607600073	11.27891802	-0.52846884	2.196129578	-0.60760007	-0.64219541	-9.28153116	2	3.87E-11	8.18E-06
46	0.196129578	-0.60760007	-0.64219541	-9.28153116	0.303870422	0.607600073	11.27891802	-0.52846884	2	2.50E-11	8.18E-06

47	0.196129578	0.607600073	0.642195411	-9.28153116	0.303870422	-0.60760007	-11.278918	-0.52846884	2	4.23E-11	8.18E-06
48	0.75	-0.06933499	-1.9932081	-14.373753	2.25	2.920477161	1.993208102	-0.34124699	3	4.34E-11	5.24E-05
49	0.255609208	0.138448233	6.705886258	-13.3801598	2.860386763	-2.51186853	-1.01748296	-11.0404029	3	1.37E-10	2.14E-05
50	0.755609208	0.091601858	4.436832631	-13.3801598	3.360386763	-1.66193398	-0.67319984	-11.0404029	3	1.43E-10	2.31E-05
51	0.75	3.050128184	3.132091953	4.391563881	2.75	-0.08196377	-1.56604598	-14.4582819	3	3.78E-10	1.19E-04
52	0.244390792	0.138448233	1.017482955	-14.5124649	0.639613237	-2.51186853	-6.70588626	9.503027598	3	2.25E-10	7.52E-05
53	0.25	0.081963768	1.566045976	-14.4582819	1.25	-3.05012818	-3.13209195	4.391563881	3	1.19E-10	9.72E-05
54	0.75	-0.08196377	-3.13209195	-14.2015639	2.75	3.050128184	1.566045976	-5.16171806	3	2.98E-10	4.13E-05
55	0.25	0.084042544	2.416013547	-14.373753	1.75	-3.53997778	-2.41601355	-0.34124699	3	4.79E-10	6.72E-05
56	0.860386763	-2.51186853	-1.01748296	-11.0404029	1.255609208	0.138448233	6.705886258	-13.3801598	3	8.41E-11	2.14E-05
57	0.25	6.58E-28	5.30E-28	-6.02416667	1.75	-8.28E-30	-1.62E-27	-8.69083333	3	1.21E-10	1.77E-04
58	0.755609208	-0.09160186	-4.43683263	-13.3801598	3.360386763	1.661933984	0.673199843	-11.0404029	3	5.09E-09	2.31E-05
59	0.75	0.069334992	1.993208102	-14.373753	2.25	-2.92047716	-1.9932081	-0.34124699	3	6.48E-11	5.24E-05
60	0.25	-0.08404254	-2.41601355	-14.373753	1.75	3.539977777	2.416013547	-0.34124699	3	2.90E-10	6.72E-05
61	0.75	-0.08196377	-1.56604598	-14.4582819	1.75	3.050128184	3.132091953	4.391563881	3	2.14E-10	1.19E-04
62	0.25	-3.05012818	-1.56604598	-5.16171806	1.25	0.081963768	3.132091953	-14.2015639	3	1.72E-10	4.63E-05
63	0.25	-0.08196377	-1.56604598	-14.4582819	1.25	3.050128184	3.132091953	4.391563881	3	2.97E-11	9.72E-05
64	0.75	3.050128184	1.566045976	-5.16171806	1.75	-0.08196377	-3.13209195	-14.2015639	3	1.64E-10	4.13E-05
65	0.25	2.920477161	1.993208102	-0.34124699	1.75	-0.06933499	-1.9932081	-14.373753	3	1.61E-10	5.24E-05
66	0.860386763	2.511868531	1.017482955	-11.0404029	1.255609208	-0.13844823	-6.70588626	-13.3801598	3	5.65E-11	2.14E-05
67	0.25	0.081963768	3.132091953	-14.2015639	2.25	-3.05012818	-1.56604598	-5.16171806	3	1.01E-10	4.63E-05
68	0.75	-3.53997778	-2.41601355	-0.34124699	2.25	0.084042544	2.416013547	-14.373753	3	1.64E-10	6.72E-05
69	0.25	3.050128184	3.132091953	4.391563881	2.25	-0.08196377	-1.56604598	-14.4582819	3	2.78E-11	9.72E-05
70	0.75	0.081963768	3.132091953	-14.2015639	2.75	-3.05012818	-1.56604598	-5.16171806	3	1.26E-10	4.13E-05
71	0.25	3.050128184	1.566045976	-5.16171806	1.25	-0.08196377	-3.13209195	-14.2015639	3	3.69E-11	4.63E-05
72	0.75	0.081963768	1.566045976	-14.4582819	1.75	-3.05012818	-3.13209195	4.391563881	3	1.21E-09	1.19E-04
73	0.25	-3.05012818	-3.13209195	4.391563881	2.25	0.081963768	1.566045976	-14.4582819	3	1.42E-10	9.72E-05
74	0.25	-0.08196377	-3.13209195	-14.2015639	2.25	3.050128184	1.566045976	-5.16171806	3	5.54E-11	4.63E-05
75	0.25	-2.92047716	-1.9932081	-0.34124699	1.75	0.069334992	1.993208102	-14.373753	3	1.41E-10	5.24E-05
76	0.75	3.539977777	2.416013547	-0.34124699	2.25	-0.08404254	-2.41601355	-14.373753	3	6.60E-10	6.72E-05
77	0.880102527	1.71E-22	2.15E-21	-3.90944549	3.484880082	-5.80E-23	3.51E-22	-12.4773927	3	8.73E-11	6.37E-05
78	0.75	3.35E-28	1.03E-26	-8.69083333	2.25	-1.06E-27	-2.04E-27	-6.02416667	3	2.25E-10	1.77E-04
79	0.639613237	2.511868531	6.705886258	9.503027598	3.244390792	-0.13844823	-1.01748296	-14.5124649	3	2.42E-10	7.52E-05
80	0.255609208	-0.13844823	-6.70588626	-13.3801598	2.860386763	2.511868531	1.017482955	-11.0404029	3	1.16E-10	2.14E-05
81	0.75	-3.05012818	-3.13209195	4.391563881	2.75	0.081963768	1.566045976	-14.4582819	3	1.52E-10	1.19E-04
82	0.744390792	0.091601858	0.673199843	-14.5124649	1.139613237	-1.66193398	-4.43683263	9.503027598	3	5.47E-10	9.48E-05
83	0.161325644	1.26E-29	5.03E-29	-4.03510457	2.338674356	-3.41E-30	-5.29E-29	-10.6798954	3	1.23E-09	1.80E-04
84	0.015119918	-1.61E-18	-4.07E-18	0.032313298	2.619897473	1.22E-19	1.56E-18	-13.0754751	3	7.11E-08	2.13E-04
85	0.338674356	1.79E-25	6.31E-26	-10.6798954	1.161325644	-4.20E-26	-1.40E-24	-4.03510457	3	3.80E-10	1.80E-04
86	0.75	-3.05012818	-1.56604598	-5.16171806	1.75	0.081963768	3.132091953	-14.2015639	3	3.49E-10	4.13E-05
87	0.744390792	-0.09160186	-0.67319984	-14.5124649	1.139613237	1.661933984	4.436832631	9.503027598	3	7.05E-10	9.48E-05
88	0.619897473	1.31E-19	5.09E-19	-13.0754751	1.015119918	-4.94E-19	-2.25E-18	0.032313298	3	3.68E-08	2.13E-04
89	0.139613237	1.661933984	4.436832631	9.503027598	2.744390792	-0.09160186	-0.67319984	-14.5124649	3	7.21E-10	9.48E-05
90	0.139613237	-1.66193398	-4.43683263	9.503027598	2.744390792	0.091601858	0.673199843	-14.5124649	3	6.51E-09	9.48E-05
91	0.639613237	-2.51186853	-6.70588626	9.503027598	3.244390792	0.138448233	1.017482955	-14.5124649	3	2.63E-10	7.52E-05
92	0.784785626	0.44883906	12.90300359	-0.34124699	3.715214374	-0.44883906	-0.30632996	-14.373753	3	1.06E-10	2.24E-06
93	0.360386763	-1.66193398	-0.67319984	-11.0404029	0.755609208	0.091601858	4.436832631	-13.3801598	3	3.32E-09	2.31E-05

94	0.244390792	-0.13844823	-1.01748296	-14.5124649	0.639613237	2.511868531	6.705886258	9.503027598	3	3.04E-10	7.52E-05
95	0.784785626	-0.44883906	-12.9030036	-0.34124699	3.715214374	0.44883906	0.30632996	-14.373753	3	1.26E-11	2.24E-06
96	0.715214374	0.44883906	0.30632996	-14.373753	0.784785626	-0.44883906	-12.9030036	-0.34124699	3	1.08E-11	2.24E-06
97	0.360386763	1.661933984	0.673199843	-11.0404029	0.755609208	-0.09160186	-4.43683263	-13.3801598	3	7.51E-11	2.31E-05
98	0.926537987	2.84E-29	8.01E-28	-1.73183765	3.573462013	-3.69E-29	4.31E-32	-12.9831624	3	6.09E-10	2.26E-05
99	0.484880082	1.77E-20	-3.43E-20	-12.4773927	0.880102527	-3.77E-20	-6.05E-19	-3.90944549	3	1.33E-09	6.37E-05
100	0.573462013	-2.42E-22	-1.04E-21	-12.9831624	0.926537987	8.93E-22	1.91E-21	-1.73183765	3	1.05E-10	2.26E-05
101	0.715214374	-0.44883906	-0.30632996	-14.373753	0.784785626	0.44883906	12.90300359	-0.34124699	3	1.12E-11	2.24E-06
102	0.25	-1.48E-30	7.89E-31	-9.81	2.25	3.08E-32	-4.59E-30	-9.81	4	1.83E-10	1.39E-04
103	0.25	-0.06631836	-1.27867119	-19.4504013	1.25	3.769695197	3.836013556	9.30120375	4	3.06E-10	7.70E-05
104	0.25415277	-0.11182317	-7.62453469	-18.2821601	3.865749737	2.849569229	0.819967573	-15.953642	4	6.87E-10	1.16E-05
105	0.75	0.057178558	2.214723459	-19.3667306	2.75	-4.37226836	-2.21472346	-0.25326939	4	1.16E-11	4.18E-05
106	0.25	0.066318359	3.836013556	-19.1112038	3.25	-3.7696952	-1.27867119	-9.97959875	4	4.83E-11	2.15E-05
107	0.750197925	0.055805101	2.714412604	-19.2788222	3.264127372	-3.97800354	-1.60458307	-5.24332984	4	2.57E-10	2.20E-05
108	0.735872628	4.451676352	3.037625857	4.70047013	3.249802075	-0.06244998	-1.79564559	-19.418318	4	5.13E-08	6.42E-05
109	0.75	-4.37226836	-2.21472346	-0.25326939	2.75	0.057178558	2.214723459	-19.3667306	4	1.40E-09	4.18E-05
110	0.75	-0.05717856	-2.21472346	-19.3667306	2.75	4.37226836	2.214723459	-0.25326939	4	1.47E-10	4.18E-05
111	0.25415277	0.111823172	7.624534692	-18.2821601	3.865749737	-2.84956923	-0.81996757	-15.953642	4	3.49E-10	1.16E-05
112	0.25	-4.37226836	-2.21472346	-0.25326939	2.25	0.057178558	2.214723459	-19.3667306	4	1.65E-10	4.29E-05
113	0.25	-3.7696952	-3.83601356	9.30120375	3.25	0.066318359	1.278671185	-19.4504013	4	9.85E-11	7.70E-05
114	0.249802075	-0.06244998	-1.79564559	-19.418318	1.735872628	4.451676352	3.037625857	4.70047013	4	6.11E-09	6.42E-05
115	0.25	-0.05717856	-2.21472346	-19.3667306	2.25	4.37226836	2.214723459	-0.25326939	4	1.07E-10	4.29E-05
116	0.25	0.057178558	2.214723459	-19.3667306	2.25	-4.37226836	-2.21472346	-0.25326939	4	6.73E-10	4.29E-05
117	0.749802075	0.055805101	1.604583073	-19.418318	2.235872628	-3.97800354	-2.7144126	4.70047013	4	1.84E-09	4.26E-05
118	0.749802075	-0.0558051	-1.60458307	-19.418318	2.235872628	3.978003536	2.714412604	4.70047013	4	4.50E-10	4.26E-05
119	0.250197925	0.062449982	3.037625857	-19.2788222	2.764127372	-4.45167635	-1.79564559	-5.24332984	4	7.12E-11	2.87E-05
120	0.75	1.59E-17	-1.64E-17	-9.81	2.75	5.71E-17	2.29E-17	-9.81	4	5.26E-09	1.39E-04
121	0.264127372	-3.97800354	-1.60458307	-5.24332984	1.750197925	0.055805101	2.714412604	-19.2788222	4	6.43E-10	2.20E-05
122	0.75	4.37226836	2.214723459	-0.25326939	2.75	-0.05717856	-2.21472346	-19.3667306	4	1.55E-10	4.18E-05
123	0.75	-3.7696952	-3.83601356	9.30120375	3.75	0.066318359	1.278671185	-19.4504013	4	5.03E-10	1.10E-04
124	0.250197925	-0.06244998	-3.03762586	-19.2788222	2.764127372	4.451676352	1.795645593	-5.24332984	4	5.40E-11	2.87E-05
125	0.365749737	-2.14973552	-0.61858944	-15.953642	0.75415277	0.084360205	5.752003812	-18.2821601	4	1.71E-10	1.11E-05
126	0.75	0.066318359	1.278671185	-19.4504013	1.75	-3.7696952	-3.83601356	9.30120375	4	1.18E-09	1.10E-04
127	0.764127372	-4.45167635	-1.79564559	-5.24332984	2.250197925	0.062449982	3.037625857	-19.2788222	4	5.68E-11	2.87E-05
128	0.25	-0.06631836	-3.83601356	-19.1112038	3.25	3.769695197	1.278671185	-9.97959875	4	5.04E-11	2.15E-05
129	0.249802075	0.062449982	1.795645593	-19.418318	1.735872628	-4.45167635	-3.03762586	4.70047013	4	2.01E-08	6.42E-05
130	0.865749737	2.849569229	0.819967573	-15.953642	1.25415277	-0.11182317	-7.62453469	-18.2821601	4	4.33E-10	1.16E-05
131	0.25	4.37226836	2.214723459	-0.25326939	2.25	-0.05717856	-2.21472346	-19.3667306	4	4.88E-10	4.29E-05
132	0.235872628	3.978003536	2.714412604	4.70047013	2.749802075	-0.0558051	-1.60458307	-19.418318	4	4.55E-10	4.26E-05
133	0.75	0.066318359	3.836013556	-19.1112038	3.75	-3.7696952	-1.27867119	-9.97959875	4	1.65E-10	1.84E-05
134	0.25	3.769695197	1.278671185	-9.97959875	1.25	-0.06631836	-3.83601356	-19.1112038	4	6.41E-11	2.15E-05
135	0.75	-0.06631836	-3.83601356	-19.1112038	3.75	3.769695197	1.278671185	-9.97959875	4	3.65E-10	1.84E-05
136	0.750197925	-0.0558051	-2.7144126	-19.2788222	3.264127372	3.978003536	1.604583073	-5.24332984	4	1.60E-10	2.20E-05
137	0.177264811	1.16E-23	8.59E-24	-6.05781522	2.691194259	-5.75E-25	-1.75E-23	-13.0587239	4	1.35E-09	8.35E-05
138	0.235872628	-3.97800354	-2.7144126	4.70047013	2.749802075	0.055805101	1.604583073	-19.418318	4	3.42E-10	4.26E-05
139	0.75	-0.06631836	-1.27867119	-19.4504013	1.75	3.769695197	3.836013556	9.30120375	4	5.39E-10	1.10E-04
140	0.25	0.066318359	1.278671185	-19.4504013	1.25	-3.7696952	-3.83601356	9.30120375	4	6.10E-11	7.70E-05

141	0.764127372	4.451676352	1.795645593	-5.24332984	2.250197925	-0.06244998	-3.03762586	-19.2788222	4	7.50E-11	2.87E-05
142	0.691194259	-5.53E-26	-3.27E-24	-13.0587239	2.177264811	8.33E-25	5.19E-25	-6.05781522	4	2.21E-09	8.35E-05
143	0.75	3.769695197	3.836013556	9.30120375	3.75	-0.06631836	-1.27867119	-19.4504013	4	4.63E-10	1.10E-04
144	0.322735189	5.73E-20	-3.59E-20	-11.602924	1.808805741	-8.82E-20	-1.28E-19	-8.5205369	4	3.24E-10	7.27E-05
145	0.264127372	3.978003536	1.604583073	-5.24332984	1.750197925	-0.0558051	-2.7144126	-19.2788222	4	1.41E-10	2.20E-05
146	0.74584723	-0.08436021	-0.61858944	-19.4761243	1.134250263	2.149735522	5.752003812	14.47192637	4	1.66E-10	8.03E-05
147	0.74584723	0.084360205	0.618589435	-19.4761243	1.134250263	-2.14973552	-5.75200381	14.47192637	4	7.35E-10	8.03E-05
148	0.735872628	-4.45167635	-3.03762586	4.70047013	3.249802075	0.062449982	1.795645593	-19.418318	4	1.15E-08	6.42E-05
149	0.25	-3.7696952	-1.27867119	-9.97959875	1.25	0.066318359	3.836013556	-19.1112038	4	5.08E-11	2.15E-05
150	0.24584723	-0.11182317	-0.81996757	-19.4761243	0.634250263	2.849569229	7.624534692	14.47192637	4	3.27E-10	5.51E-05
151	0.75415277	-0.08436021	-5.75200381	-18.2821601	4.365749737	2.149735522	0.618589435	-15.953642	4	1.35E-10	1.11E-05
152	0.134250263	2.149735522	5.752003812	14.47192637	3.74584723	-0.08436021	-0.61858944	-19.4761243	4	3.24E-10	8.03E-05
153	0.25	3.769695197	3.836013556	9.30120375	3.25	-0.06631836	-1.27867119	-19.4504013	4	4.40E-10	7.70E-05
154	0.855584513	1.54E-20	-7.44E-19	-5.94078407	3.644415487	1.81E-20	8.21E-20	-13.6792159	4	2.88E-10	9.39E-05
155	0.644415487	4.77E-26	4.42E-25	-13.6792159	1.855584513	3.45E-26	-1.71E-24	-5.94078407	4	8.08E-11	9.39E-05
156	0.365749737	2.149735522	0.618589435	-15.953642	0.75415277	-0.08436021	-5.75200381	-18.2821601	4	5.43E-10	1.11E-05
157	0.75	-3.7696952	-1.27867119	-9.97959875	1.75	0.066318359	3.836013556	-19.1112038	4	2.15E-11	1.84E-05
158	0.75415277	0.084360205	5.752003812	-18.2821601	4.365749737	-2.14973552	-0.61858944	-15.953642	4	3.73E-10	1.11E-05
159	0.134250263	-2.14973552	-5.75200381	14.47192637	3.74584723	0.084360205	0.618589435	-19.4761243	4	9.16E-10	8.03E-05
160	0.75	3.769695197	1.278671185	-9.97959875	1.75	-0.06631836	-3.83601356	-19.1112038	4	6.09E-11	1.84E-05
161	0.865749737	-2.84956923	-0.81996757	-15.953642	1.25415277	0.111823172	7.624534692	-18.2821601	4	2.21E-10	1.16E-05
162	0.808805741	1.89E-19	7.94E-18	-8.5205369	3.322735189	-1.11E-18	-4.03E-19	-11.602924	4	1.18E-09	7.27E-05
163	0.634250263	2.849569229	7.624534692	14.47192637	4.24584723	-0.11182317	-0.81996757	-19.4761243	4	6.64E-10	5.51E-05
164	0.24584723	0.111823172	0.819967573	-19.4761243	0.634250263	-2.84956923	-7.62453469	14.47192637	4	3.39E-10	5.51E-05
165	0.775817471	0.4727093	18.30966733	-0.25326939	4.724182529	-0.4727093	-0.23944559	-19.3667306	4	1.31E-10	6.07E-07
166	0.634250263	-2.84956923	-7.62453469	14.47192637	4.24584723	0.111823172	0.819967573	-19.4761243	4	5.10E-10	5.51E-05
167	0.724182529	-0.4727093	-0.23944559	-19.3667306	0.775817471	0.4727093	18.30966733	-0.25326939	4	1.49E-11	6.07E-07
168	0.75	-0.05717856	-4.42944692	-24.0184612	4.75	4.37226836	1.10736173	-14.8416347	5	3.48E-11	9.60E-06
169	0.770006178	5.200464507	1.492229554	-10.1477781	2.250199117	-0.05189562	-3.54842939	-24.1838353	5	1.17E-10	1.44E-05
170	0.25	0.047012371	2.286995939	-24.3233419	2.75	-5.67047748	-2.28699594	-0.20165815	5	1.01E-10	2.63E-05
171	0.749800883	-0.04792038	-1.37792376	-24.3815292	2.229993822	4.802105392	3.276617284	9.663142611	5	8.40E-11	3.51E-05
172	0.75	-0.0464817	-2.7124712	-24.2728395	3.75	5.378460695	1.808314132	-5.07310703	5	4.38E-10	1.78E-05
173	0.25	-0.0464817	-2.7124712	-24.2728395	3.25	5.378460695	1.808314132	-5.07310703	5	1.39E-10	1.95E-05
174	0.75	-0.0439909	-2.14001158	-24.3233419	3.25	5.306038055	2.140011583	-0.20165815	5	1.04E-10	1.84E-05
175	0.75	-0.05717856	-1.10736173	-24.3983653	1.75	4.37226836	4.429446918	14.20846123	5	2.14E-10	1.01E-04
176	0.749800883	0.047920376	1.377923756	-24.3815292	2.229993822	-4.80210539	-3.27661728	9.663142611	5	7.14E-11	3.51E-05
177	0.75	0.046481701	1.808314132	-24.356893	2.75	-5.3784607	-2.7124712	4.652839452	5	1.08E-09	3.92E-05
178	0.25	-5.3784607	-1.80831413	-5.07310703	2.25	0.046481701	2.712471198	-24.2728395	5	2.01E-10	1.95E-05
179	0.25	5.378460695	2.712471198	4.652839452	3.25	-0.0464817	-1.80831413	-24.356893	5	1.37E-09	3.46E-05
180	0.75	-0.0464817	-1.80831413	-24.356893	2.75	5.378460695	2.712471198	4.652839452	5	3.47E-10	3.92E-05
181	0.250199117	0.051895615	3.548429387	-24.1838353	3.770006178	-5.20046451	-1.49222955	-10.1477781	5	9.80E-11	1.44E-05
182	0.25	-5.3784607	-2.7124712	4.652839452	3.25	0.046481701	1.808314132	-24.356893	5	5.84E-10	3.46E-05
183	0.770006178	-5.20046451	-1.49222955	-10.1477781	2.250199117	0.051895615	3.548429387	-24.1838353	5	3.88E-11	1.44E-05
184	0.753293416	0.077517725	6.811863633	-23.1852644	5.368705642	-2.54224175	-0.56761116	-20.8638299	5	3.39E-11	6.17E-06
185	0.75	0.046481701	2.712471198	-24.2728395	3.75	-5.3784607	-1.80831413	-5.07310703	5	5.42E-11	1.78E-05
186	0.75	0.043990904	2.140011583	-24.3233419	3.25	-5.30603805	-2.14001158	-0.20165815	5	2.57E-11	1.84E-05
187	0.750199117	0.047920376	3.276617284	-24.1838353	4.270006178	-4.80210539	-1.37792376	-10.1477781	5	1.71E-11	1.10E-05

188	0.75	0.057178558	1.10736173	-24.3983653	1.75	-4.37226836	-4.42944692	14.20846123	5	4.66E-09	1.01E-04
189	0.249800883	-0.05189562	-1.49222955	-24.3815292	1.729993822	5.200464507	3.548429387	9.663142611	5	1.15E-09	5.91E-05
190	0.250199117	-0.05189562	-3.54842939	-24.1838353	3.770006178	5.200464507	1.492229554	-10.1477781	5	1.01E-10	1.44E-05
191	0.229993822	4.802105392	3.276617284	9.663142611	3.749800883	-0.04792038	-1.37792376	-24.3815292	5	8.62E-11	3.51E-05
192	0.75	-5.67047748	-2.28699594	-0.20165815	3.25	0.047012371	2.286995939	-24.3233419	5	4.95E-10	2.63E-05
193	0.25	-0.0464817	-1.80831413	-24.356893	2.25	5.378460695	2.712471198	4.652839452	5	8.99E-10	3.46E-05
194	0.75	5.670477476	2.286995939	-0.20165815	3.25	-0.04701237	-2.28699594	-24.3233419	5	3.32E-10	2.63E-05
195	0.25	-0.04701237	-2.28699594	-24.3233419	2.75	5.670477476	2.286995939	-0.20165815	5	3.31E-10	2.63E-05
196	0.746706584	-0.07751773	-0.56761116	-24.413364	1.131294358	2.542241748	6.811863633	19.41245832	5	1.80E-10	6.73E-05
197	0.729993822	-5.20046451	-3.54842939	9.663142611	4.249800883	0.051895615	1.492229554	-24.3815292	5	6.60E-09	5.91E-05
198	0.25	0.057178558	1.10736173	-24.3983653	1.25	-4.37226836	-4.42944692	14.20846123	5	2.15E-10	6.19E-05
199	0.25	0.046481701	2.712471198	-24.2728395	3.25	-5.3784607	-1.80831413	-5.07310703	5	8.04E-11	1.95E-05
200	0.093131618	5.58E-30	4.08E-30	-6.44702203	3.612938679	-4.24E-31	-2.21E-29	-17.6066829	5	2.53E-10	4.73E-05
201	0.75	5.378460695	2.712471198	4.652839452	3.75	-0.0464817	-1.80831413	-24.356893	5	5.79E-10	3.92E-05
202	0.746706584	0.077517725	0.567611157	-24.413364	1.131294358	-2.54224175	-6.81186363	19.41245832	5	9.30E-10	6.73E-05
203	0.25	0.046481701	1.808314132	-24.356893	2.25	-5.3784607	-2.7124712	4.652839452	5	2.51E-10	3.46E-05
204	0.75	4.37226836	1.10736173	-14.8416347	1.75	-0.05717856	-4.42944692	-24.0184612	5	5.62E-11	9.60E-06
205	0.25	5.306038055	2.140011583	-0.20165815	2.75	-0.0439909	-2.14001158	-24.3233419	5	1.29E-10	1.84E-05
206	0.75	4.37226836	4.429446918	14.20846123	4.75	-0.05717856	-1.10736173	-24.3983653	5	6.57E-10	1.01E-04
207	0.25	-5.30603805	-2.14001158	-0.20165815	2.75	0.043990904	2.140011583	-24.3233419	5	3.56E-11	1.84E-05
208	0.729993822	5.200464507	3.548429387	9.663142611	4.249800883	-0.05189562	-1.49222955	-24.3815292	5	8.58E-09	5.91E-05
209	0.249800883	0.051895615	1.492229554	-24.3815292	1.729993822	-5.20046451	-3.54842939	9.663142611	5	4.06E-09	5.91E-05
210	0.25	-0.05717856	-4.42944692	-24.0184612	4.25	4.37226836	1.10736173	-14.8416347	5	1.34E-10	1.14E-05
211	0.75	0.057178558	4.429446918	-24.0184612	4.75	-4.37226836	-1.10736173	-14.8416347	5	1.66E-11	9.60E-06
212	0.25	5.378460695	1.808314132	-5.07310703	2.25	-0.0464817	-2.7124712	-24.2728395	5	1.36E-10	1.95E-05
213	0.25	-4.37226836	-4.42944692	14.20846123	4.25	0.057178558	1.10736173	-24.3983653	5	3.15E-10	6.19E-05
214	0.229993822	-4.80210539	-3.27661728	9.663142611	3.749800883	0.047920376	1.377923756	-24.3815292	5	8.12E-11	3.51E-05
215	0.750199117	-0.04792038	-3.27661728	-24.1838353	4.270006178	4.802105392	1.377923756	-10.1477781	5	2.49E-11	1.10E-05
216	0.75	5.378460695	1.808314132	-5.07310703	2.75	-0.0464817	-2.7124712	-24.2728395	5	1.49E-10	1.78E-05
217	0.253293416	-0.09610901	-8.445571	-23.1852644	4.868705642	3.151954345	0.70374285	-20.8638299	5	3.72E-11	6.79E-06
218	0.25	0.057178558	4.429446918	-24.0184612	4.25	-4.37226836	-1.10736173	-14.8416347	5	1.58E-10	1.14E-05
219	0.25	-0.05717856	-1.10736173	-24.3983653	1.25	4.37226836	4.429446918	14.20846123	5	1.06E-10	6.19E-05
220	0.75	-5.3784607	-2.7124712	4.652839452	3.75	0.046481701	1.808314132	-24.356893	5	4.29E-10	3.92E-05
221	0.75	-5.3784607	-1.80831413	-5.07310703	2.75	0.046481701	2.712471198	-24.2728395	5	6.48E-11	1.78E-05
222	0.868705642	-3.15195435	-0.70374285	-20.8638299	1.253293416	0.096109007	8.445570999	-23.1852644	5	8.98E-12	6.79E-06
223	0.270006178	-4.80210539	-1.37792376	-10.1477781	1.750199117	0.047920376	3.276617284	-24.1838353	5	3.41E-11	1.10E-05
224	0.25	4.37226836	4.429446918	14.20846123	4.25	-0.05717856	-1.10736173	-24.3983653	5	3.03E-10	6.19E-05
225	0.246706584	-0.09610901	-0.70374285	-24.413364	0.631294358	3.151954345	8.445570999	19.41245832	5	3.87E-09	4.16E-05
226	0.25	4.37226836	1.10736173	-14.8416347	1.25	-0.05717856	-4.42944692	-24.0184612	5	4.47E-11	1.14E-05
227	0.753293416	-0.07751773	-6.81186363	-23.1852644	5.368705642	2.542241748	0.567611157	-20.8638299	5	2.54E-10	6.17E-06
228	0.770556386	0.482933815	23.49312857	-0.20165815	5.729443614	-0.48293382	-0.19477507	-24.3233419	5	5.62E-11	2.14E-07
229	0.631294358	3.151954345	8.445570999	19.41245832	5.246706584	-0.09610901	-0.70374285	-24.413364	5	1.09E-08	4.16E-05
230	0.25	-4.37226836	-1.10736173	-14.8416347	1.25	0.057178558	4.429446918	-24.0184612	5	1.36E-10	1.14E-05
231	0.253293416	0.096109007	8.445570999	-23.1852644	4.868705642	-3.15195435	-0.70374285	-20.8638299	5	5.16E-11	6.79E-06
232	0.270006178	4.802105392	1.377923756	-10.1477781	1.750199117	-0.04792038	-3.27661728	-24.1838353	5	2.08E-11	1.10E-05
233	0.612938679	9.03E-30	-5.41E-29	-17.6066829	2.093131618	-1.29E-29	5.32E-29	-6.44702203	5	3.59E-10	4.73E-05
234	0.75	-4.37226836	-4.42944692	14.20846123	4.75	0.057178558	1.10736173	-24.3983653	5	2.41E-10	1.01E-04

235	0.75	-4.37226836	-1.10736173	-14.8416347	1.75	0.057178558	4.429446918	-24.0184612	5	2.38E-11	9.60E-06
236	0.131294358	-2.54224175	-6.81186363	19.41245832	4.746706584	0.077517725	0.567611157	-24.413364	5	2.03E-10	6.73E-05
237	0.75	-1.15E-17	-1.84E-16	-13.0625	3.25	2.79E-17	3.94E-16	-11.4625	5	4.76E-10	5.38E-05
238	0.631294358	-3.15195435	-8.445571	19.41245832	5.246706584	0.096109007	0.70374285	-24.413364	5	5.08E-09	4.16E-05
239	0.161325644	-1.47E-20	-1.79E-19	-8.94010457	3.338674356	6.51E-21	1.49E-19	-15.5848954	5	3.08E-10	5.48E-05
240	0.926537987	4.33E-34	1.50E-32	-6.63683765	4.573462013	-6.02E-34	3.18E-33	-17.8881624	5	1.10E-09	4.09E-05
241	0.699569305	8.39E-21	-1.22E-18	-14.2202749	2.800430695	-4.98E-19	-8.71E-20	-10.3047251	5	9.62E-11	6.31E-05
242	0.25	-5.63E-23	9.03E-21	-11.4625	2.75	3.03E-22	7.09E-22	-13.0625	5	4.11E-11	5.38E-05
243	0.338674356	7.21E-22	2.41E-20	-15.5848954	2.161325644	-1.44E-21	-1.08E-20	-8.94010457	5	2.17E-10	5.48E-05
244	0.573462013	5.06E-25	2.40E-22	-17.8881624	1.926537987	4.24E-23	2.08E-22	-6.63683765	5	3.70E-10	4.09E-05
245	0.800430695	-6.01E-24	-6.55E-24	-10.3047251	3.699569305	-2.61E-25	-1.84E-23	-14.2202749	5	5.13E-10	6.31E-05
246	0.770556386	-0.48293382	-23.4931286	-0.20165815	5.729443614	0.482933815	0.194775075	-24.3233419	5	1.48E-10	2.14E-07
247	0.368705642	2.542241748	0.567611157	-20.8638299	0.753293416	-0.07751773	-6.81186363	-23.1852644	5	1.01E-10	6.17E-06
248	0.131294358	2.542241748	6.811863633	19.41245832	4.746706584	-0.07751773	-0.56761116	-24.413364	5	5.87E-10	6.73E-05
249	0.868705642	3.151954345	0.70374285	-20.8638299	1.253293416	-0.09610901	-8.445571	-23.1852644	5	3.85E-11	6.79E-06
250	0.887061321	1.46E-21	6.95E-20	-8.0736707	4.406868382	-4.83E-21	-1.38E-21	-16.9226244	5	2.25E-10	3.40E-05
251	0.729443614	-0.48293382	-0.19477507	-24.3233419	0.770556386	0.482933815	23.49312857	-0.20165815	5	9.31E-12	2.14E-07
252	0.246706584	0.096109007	0.70374285	-24.413364	0.631294358	-3.15195435	-8.445571	19.41245832	5	3.04E-09	4.16E-05
253	0.406868382	1.08E-32	9.44E-33	-16.9226244	1.887061321	-3.27E-33	-1.36E-31	-8.0736707	5	2.71E-10	3.40E-05
254	0.368705642	-2.54224175	-0.56761116	-20.8638299	0.753293416	0.077517725	6.811863633	-23.1852644	5	4.86E-11	6.17E-06
255	0.75	0.040166986	1.566045976	-29.3041933	2.75	-6.22401692	-3.13209195	9.558386613	6	1.78E-09	3.52E-05
256	0.25	-0.05100724	-4.95227221	-28.9247965	5.25	4.901264965	0.990454441	-19.7210407	6	5.51E-11	6.64E-06
257	0.249820571	-0.04534902	-1.30400009	-29.3185988	1.726760459	5.852721768	3.993439973	14.60005877	6	8.01E-11	5.41E-05
258	0.25	-0.04016699	-1.56604598	-29.3041933	2.25	6.224016919	3.132091953	9.558386613	6	1.73E-08	2.81E-05
259	0.75	-0.04016699	-1.56604598	-29.3041933	2.75	6.224016919	3.132091953	9.558386613	6	7.05E-10	3.52E-05
260	0.75	0.05100724	0.990454441	-29.3289593	1.75	-4.90126497	-4.95227221	19.11479652	6	5.68E-07	9.27E-05
261	0.25	-0.05100724	-0.99045444	-29.3289593	1.25	4.901264965	4.952272206	19.11479652	6	4.31E-10	5.05E-05
262	0.75	-0.03784251	-2.21472346	-29.2623786	3.75	6.606327871	2.214723459	-0.16762137	6	3.76E-10	1.71E-05
263	0.2441043	6.35523215	2.563094584	4.760843463	3.749965236	-0.03748218	-1.82343637	-29.2865405	6	4.90E-11	1.54E-05
264	0.75	-8.38E-24	-4.04E-24	-14.715	3.75	4.54E-24	3.75E-24	-14.715	6	2.93E-10	4.47E-05
265	0.749965236	0.037482178	1.823436367	-29.2865405	3.2441043	-6.35523215	-2.56309458	4.760843463	6	1.76E-10	1.54E-05
266	0.25	0.037842506	2.214723459	-29.2623786	3.25	-6.60632787	-2.21472346	-0.16762137	6	8.77E-11	1.74E-05
267	0.75	0.040166986	3.132091953	-29.1783866	4.75	-6.22401692	-1.56604598	-9.93580669	6	1.39E-11	9.13E-06
268	0.75	0.037842506	2.214723459	-29.2623786	3.75	-6.60632787	-2.21472346	-0.16762137	6	5.01E-11	1.71E-05
269	0.749965236	-0.03748218	-1.82343637	-29.2865405	3.2441043	6.35523215	2.563094584	4.760843463	6	2.41E-10	1.54E-05
270	0.25	-6.22401692	-3.13209195	9.558386613	4.25	0.040166986	1.566045976	-29.3041933	6	8.10E-09	2.81E-05
271	0.25	-0.04016699	-3.13209195	-29.1783866	4.25	6.224016919	1.566045976	-9.93580669	6	2.52E-10	1.03E-05
272	0.750034764	-0.03748218	-2.56309458	-29.2283477	4.2558957	6.35523215	1.823436367	-5.10595524	6	4.44E-10	9.38E-06
273	0.249965236	-0.03929388	-1.91157227	-29.2865405	2.7441043	6.662412674	2.686981914	4.760843463	6	3.37E-10	2.38E-05
274	0.25	-0.03784251	-2.21472346	-29.2623786	3.25	6.606327871	2.214723459	-0.16762137	6	4.62E-11	1.74E-05
275	0.25	-6.22401692	-1.56604598	-9.93580669	2.25	0.040166986	3.132091953	-29.1783866	6	4.75E-10	1.03E-05
276	0.25	0.05100724	4.952272206	-28.9247965	5.25	-4.90126497	-0.99045444	-19.7210407	6	5.06E-11	6.64E-06
277	0.25	-6.09E-19	-2.11E-18	-14.715	3.25	4.33E-18	1.71E-18	-14.715	6	2.42E-10	4.46E-05
278	0.7558957	6.662412674	1.911572272	-5.10595524	3.250034764	-0.03929388	-2.68698191	-29.2283477	6	4.87E-11	1.31E-05
279	0.750034764	0.037482178	2.563094584	-29.2283477	4.2558957	-6.35523215	-1.82343637	-5.10595524	6	2.84E-10	9.38E-06
280	0.250179429	-0.04534902	-3.99343997	-29.0888391	4.773239541	5.852721768	1.304000089	-15.0526209	6	2.82E-11	8.09E-06
281	0.2441043	-6.35523215	-2.56309458	4.760843463	3.749965236	0.037482178	1.823436367	-29.2865405	6	2.73E-10	1.54E-05

282	0.25	0.040166986	3.132091953	-29.1783866	4.25	-6.22401692	-1.56604598	-9.93580669	6	2.63E-10	1.03E-05
283	0.249965236	0.039293882	1.911572272	-29.2865405	2.7441043	-6.66241267	-2.68698191	4.760843463	6	3.17E-10	2.38E-05
284	0.75	-6.60632787	-2.21472346	-0.16762137	3.75	0.037842506	2.214723459	-29.2623786	6	1.61E-11	1.71E-05
285	0.75	-0.04016699	-3.13209195	-29.1783866	4.75	6.224016919	1.566045976	-9.93580669	6	5.13E-11	9.13E-06
286	0.749820571	0.042633889	1.225927176	-29.3185988	2.226760459	-5.50230842	-3.75434529	14.60005877	6	7.09E-11	2.92E-05
287	0.2558957	-6.35523215	-1.82343637	-5.10595524	2.750034764	0.037482178	2.563094584	-29.2283477	6	3.62E-10	9.38E-06
288	0.7558957	-6.66241267	-1.91157227	-5.10595524	3.250034764	0.039293882	2.686981914	-29.2283477	6	3.13E-11	1.31E-05
289	0.726760459	5.852721768	3.993439973	14.60005877	5.249820571	-0.04534902	-1.30400009	-29.3185988	6	1.46E-10	5.41E-05
290	0.226760459	-5.50230842	-3.75434529	14.60005877	4.749820571	0.042633889	1.225927176	-29.3185988	6	1.83E-10	2.92E-05
291	0.250034764	-0.03929388	-2.68698191	-29.2283477	3.7558957	6.662412674	1.911572272	-5.10595524	6	1.39E-10	1.31E-05
292	0.250179429	0.045349019	3.993439973	-29.0888391	4.773239541	-5.85272177	-1.30400009	-15.0526209	6	5.94E-11	8.09E-06
293	0.75	6.606327871	2.214723459	-0.16762137	3.75	-0.03784251	-2.21472346	-29.2623786	6	1.54E-10	1.71E-05
294	0.75	-0.05100724	-0.99045444	-29.3289593	1.75	4.901264965	4.952272206	19.11479652	6	1.27E-06	9.27E-05
295	0.250034764	0.039293882	2.686981914	-29.2283477	3.7558957	-6.66241267	-1.91157227	-5.10595524	6	3.44E-11	1.31E-05
296	0.750179429	0.042633889	3.75434529	-29.0888391	5.273239541	-5.50230842	-1.22592718	-15.0526209	6	1.65E-11	6.22E-06
297	0.25	6.606327871	2.214723459	-0.16762137	3.25	-0.03784251	-2.21472346	-29.2623786	6	2.02E-10	1.74E-05
298	0.25	0.040166986	1.566045976	-29.3041933	2.25	-6.22401692	-3.13209195	9.558386613	6	8.29E-09	2.81E-05
299	0.2558957	6.35523215	1.823436367	-5.10595524	2.750034764	-0.03748218	-2.56309458	-29.2283477	6	4.20E-10	9.38E-06
300	0.811692009	-2.35E-38	3.76E-37	-12.9703096	4.317552945	2.50E-38	9.40E-37	-16.6722463	6	8.12E-11	2.76E-05
301	0.252727861	-0.08549533	-9.19418572	-28.0889727	5.870580531	3.428038198	0.625422867	-25.7723564	6	3.79E-11	4.26E-06
302	0.75	6.224016919	3.132091953	9.558386613	4.75	-0.04016699	-1.56604598	-29.3041933	6	2.42E-09	3.52E-05
303	0.75	-0.05100724	-4.95227221	-28.9247965	5.75	4.901264965	0.990454441	-19.7210407	6	6.90E-11	5.57E-06
304	0.249820571	0.045349019	1.304000089	-29.3185988	1.726760459	-5.85272177	-3.99343997	14.60005877	6	2.06E-10	5.41E-05
305	0.750179429	-0.04263389	-3.75434529	-29.0888391	5.273239541	5.502308423	1.225927176	-15.0526209	6	2.88E-11	6.22E-06
306	0.855584513	2.05E-30	-5.67E-31	-10.8457841	4.644415487	1.83E-31	9.66E-30	-18.5842159	6	2.10E-10	3.45E-05
307	0.182447055	1.45E-18	6.60E-19	-11.4971946	3.688307991	-9.67E-20	-5.46E-18	-17.7202495	6	2.84E-10	2.97E-05
308	0.25	6.224016919	1.566045976	-9.93580669	2.25	-0.04016699	-3.13209195	-29.1783866	6	8.99E-11	1.03E-05
309	0.749820571	-0.04263389	-1.22592718	-29.3185988	2.226760459	5.502308423	3.75434529	14.60005877	6	6.28E-11	2.92E-05
310	0.25	-4.90126497	-4.95227221	19.11479652	5.25	0.05100724	0.990454441	-29.3289593	6	2.65E-10	5.05E-05
311	0.252727861	0.085495326	9.194185722	-28.0889727	5.870580531	-3.4280382	-0.62542287	-25.7723564	6	3.16E-11	4.26E-06
312	0.25	0.05100724	0.990454441	-29.3289593	1.25	-4.90126497	-4.95227221	19.11479652	6	4.35E-10	5.05E-05
313	0.773239541	-5.85272177	-1.30400009	-15.0526209	2.250179429	0.045349019	3.993439973	-29.0888391	6	2.36E-11	8.09E-06
314	0.726760459	-5.85272177	-3.99343997	14.60005877	5.249820571	0.045349019	1.304000089	-29.3185988	6	6.23E-11	5.41E-05
315	0.273239541	5.502308423	1.225927176	-15.0526209	1.750179429	-0.04263389	-3.75434529	-29.0888391	6	7.87E-12	6.22E-06
316	0.752727861	0.071837017	7.725368235	-28.0889727	6.370580531	-2.88039183	-0.52550841	-25.7723564	6	3.18E-11	3.76E-06
317	0.75	-6.22401692	-1.56604598	-9.93580669	2.75	0.040166986	3.132091953	-29.1783866	6	2.38E-11	9.13E-06
318	0.688307991	-9.79E-24	1.59E-23	-17.7202495	3.182447055	-9.71E-24	9.00E-23	-11.4971946	6	1.81E-10	2.97E-05
319	0.767086786	-0.48829274	-28.5772142	-0.16762137	6.732913214	0.488292742	0.163696597	-29.2623786	6	2.04E-09	9.04E-08
320	0.247272139	-0.08549533	-0.62542287	-29.3387783	0.629419469	3.428038198	9.194185722	24.34010738	6	2.11E-10	3.22E-05
321	0.25	-6.60632787	-2.21472346	-0.16762137	3.25	0.037842506	2.214723459	-29.2623786	6	2.91E-11	1.74E-05
322	0.75	-6.22401692	-3.13209195	9.558386613	4.75	0.040166986	1.566045976	-29.3041933	6	8.18E-10	3.52E-05
323	0.317552945	2.06E-22	7.72E-23	-16.6722463	2.811692009	-3.23E-23	-2.02E-21	-12.9703096	6	1.24E-10	2.76E-05
324	0.226760459	5.502308423	3.75434529	14.60005877	4.749820571	-0.04263389	-1.22592718	-29.3185988	6	1.41E-10	2.92E-05
325	0.7441043	-6.66241267	-2.68698191	4.760843463	4.249965236	0.039293882	1.911572272	-29.2865405	6	1.89E-10	2.38E-05
326	0.273239541	-5.50230842	-1.22592718	-15.0526209	1.750179429	0.042633889	3.75434529	-29.0888391	6	1.32E-11	6.22E-06
327	0.75	-4.90126497	-4.95227221	19.11479652	5.75	0.05100724	0.990454441	-29.3289593	6	1.12E-07	9.27E-05
328	0.75	6.224016919	1.566045976	-9.93580669	2.75	-0.04016699	-3.13209195	-29.1783866	6	2.47E-11	9.13E-06

329	0.752727861	-0.07183702	-7.72536824	-28.0889727	6.370580531	2.880391826	0.525508413	-25.7723564	6	4.76E-11	3.76E-06
330	0.773239541	5.852721768	1.304000089	-15.0526209	2.250179429	-0.04534902	-3.99343997	-29.0888391	6	3.09E-11	8.09E-06
331	0.25	6.224016919	3.132091953	9.558386613	4.25	-0.04016699	-1.56604598	-29.3041933	6	3.91E-09	2.81E-05
332	0.25	4.901264965	4.952272206	19.11479652	5.25	-0.05100724	-0.99045444	-29.3289593	6	4.00E-10	5.05E-05
333	0.75	-4.90126497	-0.99045444	-19.7210407	1.75	0.05100724	4.952272206	-28.9247965	6	7.98E-11	5.57E-06
334	0.247272139	0.085495326	0.625422867	-29.3387783	0.629419469	-3.4280382	-9.19418572	24.34010738	6	1.07E-10	3.22E-05
335	0.75	4.901264965	4.952272206	19.11479652	5.75	-0.05100724	-0.99045444	-29.3289593	6	2.03E-05	9.27E-05
336	0.75	0.05100724	4.952272206	-28.9247965	5.75	-4.90126497	-0.99045444	-19.7210407	6	7.06E-11	5.57E-06
337	0.370580531	-2.88039183	-0.52550841	-25.7723564	0.752727861	0.071837017	7.725368235	-28.0889727	6	4.41E-11	3.76E-06
338	0.25	4.901264965	0.990454441	-19.7210407	1.25	-0.05100724	-4.95227221	-28.9247965	6	4.49E-12	6.64E-06
339	0.870580531	-3.4280382	-0.62542287	-25.7723564	1.252727861	0.085495326	9.194185722	-28.0889727	6	2.30E-11	4.26E-06
340	0.25	-4.90126497	-0.99045444	-19.7210407	1.25	0.05100724	4.952272206	-28.9247965	6	2.62E-11	6.64E-06
341	0.7441043	6.662412674	2.686981914	4.760843463	4.249965236	-0.03929388	-1.91157227	-29.2865405	6	3.12E-10	2.38E-05
342	0.747272139	-0.07183702	-0.52550841	-29.3387783	1.129419469	2.880391826	7.725368235	24.34010738	6	2.70E-10	5.71E-05
343	0.732913214	0.488292742	0.163696597	-29.2623786	0.767086786	-0.48829274	-28.5772142	-0.16762137	6	2.53E-10	9.04E-08
344	0.629419469	3.428038198	9.194185722	24.34010738	6.247272139	-0.08549533	-0.62542287	-29.3387783	6	1.20E-10	3.22E-05
345	0.747272139	0.071837017	0.525508413	-29.3387783	1.129419469	-2.88039183	-7.72536824	24.34010738	6	2.42E-10	5.71E-05
346	0.644415487	-7.68E-38	-5.05E-36	-18.5842159	2.855584513	-8.35E-37	-4.08E-37	-10.8457841	6	1.13E-10	3.45E-05
347	0.370580531	2.880391826	0.525508413	-25.7723564	0.752727861	-0.07183702	-7.72536824	-28.0889727	6	6.44E-11	3.76E-06
348	0.870580531	3.428038198	0.625422867	-25.7723564	1.252727861	-0.08549533	-9.19418572	-28.0889727	6	5.51E-11	4.26E-06
349	0.129419469	2.880391826	7.725368235	24.34010738	5.747272139	-0.07183702	-0.52550841	-29.3387783	6	5.42E-10	5.71E-05
350	0.75	4.901264965	0.990454441	-19.7210407	1.75	-0.05100724	-4.95227221	-28.9247965	6	1.06E-10	5.57E-06
351	0.749958155	-0.03321112	-1.61567638	-34.2236053	3.24085755	7.252036231	2.924745723	9.697626967	7	2.92E-11	1.31E-05
352	0.25	-0.03292607	-2.25158635	-34.1915435	3.75	7.847626156	2.251586351	-0.14345652	7	6.47E-10	1.18E-05
353	0.749958155	0.03321112	1.615676382	-34.2236053	3.24085755	-7.25203623	-2.92474572	9.697626967	7	9.15E-11	1.31E-05
354	0.7498405	-0.03877883	-1.11507979	-34.2439311	2.224712815	6.122179397	4.177282445	19.52534284	7	7.60E-10	2.47E-05
355	0.2501595	-0.04078332	-4.39320772	-33.9938402	5.775287185	6.438637119	1.17271868	-19.9575715	7	3.98E-08	4.96E-06
356	0.74085755	7.522553714	3.033845405	9.697626967	5.249958155	-0.03444997	-1.67594479	-34.2236053	7	4.31E-10	2.15E-05
357	0.25	-0.0327255	-2.55734237	-34.1676194	4.25	7.639301607	1.918006778	-5.03053548	7	3.00E-11	9.27E-06
358	0.750041845	0.03321112	2.924745723	-34.13335	5.25914245	-7.25203623	-1.61567638	-10.0106716	7	5.50E-10	5.40E-06
359	0.75	0.031838816	2.17723653	-34.1915435	4.25	-7.58848904	-2.17723653	-0.14345652	7	1.08E-10	8.02E-06
360	0.75	-0.03587989	-1.4007141	-34.2344851	2.75	6.967690624	3.501785259	14.46371263	7	1.18E-09	3.18E-05
361	0.75	-0.03183882	-2.17723653	-34.1915435	4.25	7.588489038	2.17723653	-0.14345652	7	1.84E-11	8.02E-06
362	0.24085755	-7.25203623	-2.92474572	9.697626967	4.749958155	0.03321112	1.615676382	-34.2236053	7	9.63E-11	1.31E-05
363	0.75	-0.0327255	-2.55734237	-34.1676194	4.75	7.639301607	1.918006778	-5.03053548	7	2.11E-10	8.64E-06
364	0.25	1.50E-35	0	-16.5960714	3.75	-2.26E-36	0	-17.7389286	7	7.85E-11	2.16E-05
365	0.699569305	1.85E-32	1.48E-30	-19.1252749	3.800430695	1.73E-31	4.93E-32	-15.2097251	7	2.31E-09	2.52E-05
366	0.25	0.032725505	1.918006778	-34.2094645	3.25	-7.63930161	-2.55734237	4.737619361	7	1.39E-10	1.45E-05
367	0.75	-0.0327255	-1.91800678	-34.2094645	3.75	7.639301607	2.557342371	4.737619361	7	3.64E-11	1.58E-05
368	0.2498405	0.040783325	1.17271868	-34.2439311	1.724712815	-6.43863712	-4.39320772	19.52534284	7	1.27E-10	4.96E-05
369	0.249958155	0.034449971	1.675944794	-34.2236053	2.74085755	-7.52255371	-3.03384541	9.697626967	7	2.66E-10	2.15E-05
370	0.250041845	0.034449971	3.033845405	-34.13335	4.75914245	-7.52255371	-1.67594479	-10.0106716	7	2.69E-11	7.37E-06
371	0.75914245	7.522553714	1.675944794	-10.0106716	3.250041845	-0.03444997	-3.03384541	-34.13335	7	2.80E-11	7.37E-06
372	0.25	-7.63930161	-2.55734237	4.737619361	4.25	0.032725505	1.918006778	-34.2094645	7	7.76E-11	1.45E-05
373	0.75	0.032725505	1.918006778	-34.2094645	3.75	-7.63930161	-2.55734237	4.737619361	7	1.62E-11	1.58E-05
374	0.75	0.032725505	2.557342371	-34.1676194	4.75	-7.63930161	-1.91800678	-5.03053548	7	3.13E-10	8.64E-06
375	0.750041845	-0.03321112	-2.92474572	-34.13335	5.25914245	7.252036231	1.615676382	-10.0106716	7	2.03E-10	5.40E-06

376	0.75	7.639301607	2.557342371	4.737619361	4.75	-0.0327255	-1.91800678	-34.2094645	7	1.85E-10	1.58E-05
377	0.2498405	-0.04078332	-1.17271868	-34.2439311	1.724712815	6.438637119	4.393207723	19.52534284	7	1.10E-10	4.96E-05
378	0.25	-0.03587989	-1.4007141	-34.2344851	2.25	6.967690624	3.501785259	14.46371263	7	3.14E-11	2.32E-05
379	0.128123565	-3.18214529	-8.54062731	29.26081185	6.747672236	0.067147718	0.490863224	-34.2578723	7	5.72E-10	4.90E-05
380	0.249958155	-0.03444997	-1.67594479	-34.2236053	2.74085755	7.522553714	3.033845405	9.697626967	7	1.93E-10	2.15E-05
381	0.75	-0.0464817	-5.4249424	-33.8306789	6.75	5.378460695	0.904157066	-24.6090535	7	1.07E-11	3.49E-06
382	0.25	0.032926071	2.251586351	-34.1915435	3.75	-7.84762616	-2.25158635	-0.14345652	7	3.14E-10	1.18E-05
383	0.75	0.035879894	1.400714104	-34.2344851	2.75	-6.96769062	-3.50178526	14.46371263	7	1.07E-09	3.18E-05
384	0.25	-0.0464817	-5.4249424	-33.8306789	6.25	5.378460695	0.904157066	-24.6090535	7	1.34E-10	4.19E-06
385	0.25	6.967690624	1.400714104	-14.8155149	2.25	-0.03587989	-3.50178526	-34.0837126	7	2.69E-11	6.09E-06
386	0.252327764	0.077729554	9.886548187	-32.9930394	6.871876435	-3.68362084	-0.56821856	-30.6799002	7	5.12E-10	2.83E-06
387	0.75	-0.0464817	-0.90415707	-34.2509465	1.75	5.378460695	5.424942396	24.0206789	7	1.70E-09	8.55E-05
388	0.25	0.046481701	5.424942396	-33.8306789	6.25	-5.3784607	-0.90415707	-24.6090535	7	4.98E-11	4.19E-06
389	0.75	-0.03587989	-3.50178526	-34.0837126	5.75	6.967690624	1.400714104	-14.8155149	7	5.28E-10	5.28E-06
390	0.25	0.032725505	2.557342371	-34.1676194	4.25	-7.63930161	-1.91800678	-5.03053548	7	2.74E-11	9.27E-06
391	0.25	7.639301607	1.918006778	-5.03053548	3.25	-0.0327255	-2.55734237	-34.1676194	7	7.53E-12	9.27E-06
392	0.7501595	0.038778833	4.177282445	-33.9938402	6.275287185	-6.1221794	-1.11507979	-19.9575715	7	7.31E-11	3.83E-06
393	0.7498405	0.038778833	1.115079792	-34.2439311	2.224712815	-6.1221794	-4.17728244	19.52534284	7	6.51E-10	2.47E-05
394	0.250041845	-0.03444997	-3.03384541	-34.13335	4.75914245	7.522553714	1.675944794	-10.0106716	7	2.87E-11	7.37E-06
395	0.25	-7.63930161	-1.91800678	-5.03053548	3.25	0.032725505	2.557342371	-34.1676194	7	2.81E-11	9.27E-06
396	0.75	0.046481701	5.424942396	-33.8306789	6.75	-5.3784607	-0.90415707	-24.6090535	7	3.36E-11	3.49E-06
397	0.25	0.046481701	0.904157066	-34.2509465	1.25	-5.3784607	-5.4249424	24.0206789	7	9.27E-10	4.20E-05
398	0.75	0.046481701	0.904157066	-34.2509465	1.75	-5.3784607	-5.4249424	24.0206789	7	1.57E-09	8.55E-05
399	0.252327764	-0.07772955	-9.88654819	-32.9930394	6.871876435	3.683620838	0.568218557	-30.6799002	7	2.43E-10	2.83E-06
400	0.25	-0.0327255	-1.91800678	-34.2094645	3.25	7.639301607	2.557342371	4.737619361	7	1.93E-10	1.45E-05
401	0.75	6.967690624	3.501785259	14.46371263	5.75	-0.03587989	-1.4007141	-34.2344851	7	2.87E-10	3.18E-05
402	0.224712815	6.122179397	4.177282445	19.52534284	5.7498405	-0.03877883	-1.11507979	-34.2439311	7	7.03E-10	2.47E-05
403	0.7501595	-0.03877883	-4.17728244	-33.9938402	6.275287185	6.122179397	1.115079792	-19.9575715	7	3.65E-11	3.83E-06
404	0.75	7.847626156	2.251586351	-0.14345652	4.25	-0.03292607	-2.25158635	-34.1915435	7	2.20E-10	1.18E-05
405	0.724712815	6.438637119	4.393207723	19.52534284	6.2498405	-0.04078332	-1.17271868	-34.2439311	7	3.09E-10	4.96E-05
406	0.75	-6.96769062	-3.50178526	14.46371263	5.75	0.035879894	1.400714104	-34.2344851	7	6.29E-10	3.18E-05
407	0.275287185	-6.1221794	-1.11507979	-19.9575715	1.7501595	0.038778833	4.177282445	-33.9938402	7	2.45E-11	3.83E-06
408	0.25	5.378460695	5.424942396	24.0206789	6.25	-0.0464817	-0.90415707	-34.2509465	7	6.47E-10	4.20E-05
409	0.25	0.035879894	3.501785259	-34.0837126	5.25	-6.96769062	-1.4007141	-14.8155149	7	9.88E-11	6.09E-06
410	0.25	7.639301607	2.557342371	4.737619361	4.25	-0.0327255	-1.91800678	-34.2094645	7	1.31E-10	1.45E-05
411	0.25	7.588489038	2.17723653	-0.14345652	3.75	-0.03183882	-2.17723653	-34.1915435	7	8.07E-11	8.02E-06
412	0.2501595	0.040783325	4.393207723	-33.9938402	5.775287185	-6.43863712	-1.17271868	-19.9575715	7	5.97E-09	4.96E-06
413	0.224712815	-6.1221794	-4.17728244	19.52534284	5.7498405	0.038778833	1.115079792	-34.2439311	7	3.09E-10	2.47E-05
414	0.25	-0.03587989	-3.50178526	-34.0837126	5.25	6.967690624	1.400714104	-14.8155149	7	2.54E-11	6.09E-06
415	0.74085755	-7.52255371	-3.03384541	9.697626967	5.249958155	0.034449971	1.675944794	-34.2236053	7	6.85E-11	2.15E-05
416	0.25	0.035879894	1.400714104	-34.2344851	2.25	-6.96769062	-3.50178526	14.46371263	7	4.85E-11	2.32E-05
417	0.25	-6.96769062	-1.4007141	-14.8155149	2.25	0.035879894	3.501785259	-34.0837126	7	9.66E-11	6.09E-06
418	0.75	-7.63930161	-2.55734237	4.737619361	4.75	0.032725505	1.918006778	-34.2094645	7	3.05E-11	1.58E-05
419	0.25	-7.58848904	-2.17723653	-0.14345652	3.75	0.031838816	2.17723653	-34.1915435	7	2.37E-11	8.02E-06
420	0.75	7.639301607	1.918006778	-5.03053548	3.75	-0.0327255	-2.55734237	-34.1676194	7	5.95E-10	8.64E-06
421	0.889912432	-3.20E-28	-2.15E-26	-12.7119155	5.399013037	1.29E-27	2.09E-28	-21.8442152	7	4.35E-10	1.49E-05
422	0.75	0.035879894	3.501785259	-34.0837126	5.75	-6.96769062	-1.4007141	-14.8155149	7	5.54E-10	5.28E-06

423	0.24085755	7.252036231	2.924745723	9.697626967	4.749958155	-0.03321112	-1.61567638	-34.2236053	7	6.13E-11	1.31E-05
424	0.775287185	6.438637119	1.17271868	-19.9575715	2.2501595	-0.04078332	-4.39320772	-33.9938402	7	9.41E-09	4.96E-06
425	0.75	-7.84762616	-2.25158635	-0.14345652	4.25	0.032926071	2.251586351	-34.1915435	7	9.95E-11	1.18E-05
426	0.25	-5.3784607	-5.4249424	24.0206789	6.25	0.046481701	0.904157066	-34.2509465	7	1.48E-09	4.20E-05
427	0.871876435	3.683620838	0.568218557	-30.6799002	1.252327764	-0.07772955	-9.88654819	-32.9930394	7	8.46E-11	2.83E-06
428	0.75914245	-7.52255371	-1.67594479	-10.0106716	3.250041845	0.034449971	3.033845405	-34.13335	7	3.27E-11	7.37E-06
429	0.752327764	0.067147718	8.540627307	-32.9930394	7.371876435	-3.18214529	-0.49086322	-30.6799002	7	5.40E-11	2.45E-06
430	0.75	6.967690624	1.400714104	-14.8155149	2.75	-0.03587989	-3.50178526	-34.0837126	7	3.14E-10	5.28E-06
431	0.25	-6.96769062	-3.50178526	14.46371263	5.25	0.035879894	1.400714104	-34.2344851	7	1.09E-10	2.32E-05
432	0.25914245	7.252036231	1.615676382	-10.0106716	2.750041845	-0.03321112	-2.92474572	-34.13335	7	4.22E-10	5.40E-06
433	0.775287185	-6.43863712	-1.17271868	-19.9575715	2.2501595	0.040783325	4.393207723	-33.9938402	7	1.68E-09	4.96E-06
434	0.75	9.86E-32	1.08E-30	-17.7389286	4.25	5.24E-32	1.58E-30	-16.5960714	7	4.88E-11	2.16E-05
435	0.25914245	-7.25203623	-1.61567638	-10.0106716	2.750041845	0.03321112	2.924745723	-34.13335	7	4.51E-10	5.40E-06
436	0.25	6.967690624	3.501785259	14.46371263	5.25	-0.03587989	-1.4007141	-34.2344851	7	5.62E-11	2.32E-05
437	0.75	5.378460695	5.424942396	24.0206789	6.75	-0.0464817	-0.90415707	-34.2509465	7	5.12E-10	8.55E-05
438	0.275287185	6.122179397	1.115079792	-19.9575715	1.7501595	-0.03877883	-4.17728244	-33.9938402	7	1.72E-11	3.83E-06
439	0.75	-7.63930161	-1.91800678	-5.03053548	3.75	0.032725505	2.557342371	-34.1676194	7	3.86E-10	8.64E-06
440	0.100986963	1.11E-19	-4.91E-21	-11.7238076	4.610087568	-7.09E-21	-6.95E-19	-22.3900618	7	2.00E-09	1.79E-05
441	0.573462013	5.66E-25	2.77E-25	-22.7931624	2.926537987	2.17E-25	1.56E-23	-11.5418376	7	1.62E-11	1.91E-05
442	0.747672236	-0.06714772	-0.49086322	-34.2578723	1.128123565	3.182145287	8.540627307	29.26081185	7	2.28E-10	4.90E-05
443	0.371876435	-3.18214529	-0.49086322	-30.6799002	0.752327764	0.067147718	8.540627307	-32.9930394	7	2.30E-11	2.45E-06
444	0.25	-0.0464817	-0.90415707	-34.2509465	1.25	5.378460695	5.424942396	24.0206789	7	1.20E-09	4.20E-05
445	0.25	5.378460695	0.904157066	-24.6090535	1.25	-0.0464817	-5.4249424	-33.8306789	7	1.06E-10	4.19E-06
446	0.75	-5.3784607	-5.4249424	24.0206789	6.75	0.046481701	0.904157066	-34.2509465	7	6.88E-10	8.55E-05
447	0.747672236	0.067147718	0.490863224	-34.2578723	1.128123565	-3.18214529	-8.54062731	29.26081185	7	5.45E-10	4.90E-05
448	0.247672236	0.077729554	0.568218557	-34.2578723	0.628123565	-3.68362084	-9.88654819	29.26081185	7	7.27E-11	2.55E-05
449	0.752327764	-0.06714772	-8.54062731	-32.9930394	7.371876435	3.182145287	0.490863224	-30.6799002	7	7.77E-11	2.45E-06
450	0.399013037	1.23E-26	2.66E-27	-21.8442152	2.889912432	-3.03E-27	-2.04E-25	-12.7119155	7	1.01E-09	1.49E-05
451	0.610087568	2.80E-30	2.35E-28	-22.3900618	3.100986963	-3.37E-29	-2.70E-30	-11.7238076	7	4.31E-10	1.79E-05
452	0.724712815	-6.43863712	-4.39320772	19.52534284	6.2498405	0.040783325	1.17271868	-34.2439311	7	1.38E-10	4.96E-05
453	0.75	5.378460695	0.904157066	-24.6090535	1.75	-0.0464817	-5.4249424	-33.8306789	7	2.49E-11	3.49E-06
454	0.628123565	-3.68362084	-9.88654819	29.26081185	7.247672236	0.077729554	0.568218557	-34.2578723	7	1.63E-10	2.55E-05
455	0.800430695	1.07E-19	2.74E-20	-15.2097251	4.699569305	5.07E-22	4.11E-19	-19.1252749	7	1.15E-09	2.52E-05
456	0.926537987	-1.09E-31	3.88E-31	-11.5418376	5.573462013	-2.97E-32	-1.64E-30	-22.7931624	7	3.18E-11	1.91E-05
457	0.75	-6.96769062	-1.4007141	-14.8155149	2.75	0.035879894	3.501785259	-34.0837126	7	2.52E-10	5.28E-06
458	0.25	-5.3784607	-0.90415707	-24.6090535	1.25	0.046481701	5.424942396	-33.8306789	7	2.33E-11	4.19E-06
459	0.871876435	-3.68362084	-0.56821856	-30.6799002	1.252327764	0.077729554	9.886548187	-32.9930394	7	8.42E-11	2.83E-06
460	0.75	-5.3784607	-0.90415707	-24.6090535	1.75	0.046481701	5.424942396	-33.8306789	7	2.47E-11	3.49E-06
461	0.628123565	3.683620838	9.886548187	29.26081185	7.247672236	-0.07772955	-0.56821856	-34.2578723	7	2.32E-10	2.55E-05
462	0.750010583	0.028164598	2.480360905	-39.0965447	5.253248514	-8.64506733	-1.92599904	-5.04815705	8	1.15E-10	4.69E-06
463	0.25	0	2.87E-32	-19.62	4.25	-5.39E-33	-4.04E-33	-19.62	8	7.68E-11	1.94E-05
464	0.25	-0.0327255	-1.27867119	-39.1563097	2.25	7.639301607	3.836013556	19.36892904	8	9.11E-11	1.94E-05
465	0.75	-0.02924544	-1.71551741	-39.1396579	3.75	8.548341635	2.859195691	9.642763136	8	7.11E-09	1.43E-05
466	0.75	0.042980234	0.837086785	-39.1680436	1.75	-5.81662726	-5.8596075	28.9263054	8	3.38E-10	7.93E-05
467	0.25	7.639301607	3.836013556	19.36892904	6.25	-0.0327255	-1.27867119	-39.1563097	8	6.28E-11	1.94E-05
468	0.75	0.029245439	1.715517415	-39.1396579	3.75	-8.54834163	-2.85919569	9.642763136	8	8.90E-09	1.43E-05
469	0.25	-7.63930161	-1.27867119	-19.7036903	2.25	0.032725505	3.836013556	-38.988929	8	2.95E-11	3.87E-06

470	0.75	-8.83058314	-2.21472346	-0.12540075	4.75	0.028310701	2.214723459	-39.1145993	8	1.09E-10	8.26E-06
471	0.249989417	-0.0289084	-1.97686316	-39.1286071	3.746751486	8.873376752	2.545865284	4.793308841	8	7.80E-10	1.07E-05
472	0.749989417	0.028164598	1.925999039	-39.1286071	4.246751486	-8.64506733	-2.4803609	4.793308841	8	6.28E-11	6.92E-06
473	0.75	0.028310701	2.214723459	-39.1145993	4.75	-8.83058314	-2.21472346	-0.12540075	8	2.26E-10	8.26E-06
474	0.250010583	-0.0289084	-2.54586528	-39.0965447	4.753248514	8.873376752	1.976863157	-5.04815705	8	4.99E-11	6.68E-06
475	0.738799958	-8.29310341	-3.34458804	14.62281266	6.249958104	0.031047284	1.510417678	-39.1489353	8	4.66E-11	1.96E-05
476	0.249989417	0.028908403	1.976863157	-39.1286071	3.746751486	-8.87337675	-2.54586528	4.793308841	8	4.52E-09	1.07E-05
477	0.25	-8.54834163	-1.71551741	-9.91034212	3.25	0.029245439	2.859195691	-39.0727631	8	6.22E-11	5.50E-06
478	0.750041896	-0.03013204	-3.24599286	-39.0383512	6.261200042	8.048630838	1.465892044	-14.9155261	8	2.31E-10	3.37E-06
479	0.25	-0.04298023	-0.83708679	-39.1680436	1.25	5.816627262	5.859607495	28.9263054	8	8.99E-11	3.54E-05
480	0.250010583	0.028908403	2.545865284	-39.0965447	4.753248514	-8.87337675	-1.97686316	-5.04815705	8	7.77E-11	6.68E-06
481	0.749989417	-0.0281646	-1.92599904	-39.1286071	4.246751486	8.645067329	2.480360905	4.793308841	8	3.65E-11	6.92E-06
482	0.253248514	-8.64506733	-1.92599904	-5.04815705	3.750010583	0.028164598	2.480360905	-39.0965447	8	1.95E-11	4.69E-06
483	0.750142367	0.03580872	4.560912212	-38.8988405	7.276700837	-6.68442875	-1.02967552	-24.862559	8	3.12E-11	2.51E-06
484	0.753248514	8.873376752	1.976863157	-5.04815705	4.250010583	-0.0289084	-2.54586528	-39.0965447	8	1.07E-10	6.68E-06
485	0.25	0.029245439	1.715517415	-39.1396579	3.25	-8.54834163	-2.85919569	9.642763136	8	1.17E-10	1.22E-05
486	0.25	0.028310701	2.214723459	-39.1145993	4.25	-8.83058314	-2.21472346	-0.12540075	8	4.46E-11	8.36E-06
487	0.749857633	-0.03580872	-1.02967552	-39.1629795	2.223299163	6.684428751	4.560912212	24.44437912	8	1.59E-09	2.11E-05
488	0.75	0.029245439	2.859195691	-39.0727631	5.75	-8.54834163	-1.71551741	-9.91034212	8	3.79E-11	4.97E-06
489	0.25	-0.0283107	-2.21472346	-39.1145993	4.25	8.830583135	2.214723459	-0.12540075	8	2.93E-11	8.36E-06
490	0.750010583	-0.0281646	-2.4803609	-39.0965447	5.253248514	8.645067329	1.925999039	-5.04815705	8	4.19E-11	4.69E-06
491	0.250041896	-0.03104728	-3.34458804	-39.0383512	5.761200042	8.293103407	1.510417678	-14.9155261	8	4.59E-11	4.55E-06
492	0.25	-7.63930161	-3.83601356	19.36892904	6.25	0.032725505	1.278671185	-39.1563097	8	3.45E-11	1.94E-05
493	0.249958104	0.031047284	1.510417678	-39.1489353	2.738799958	-8.29310341	-3.34458804	14.62281266	8	1.02E-10	1.96E-05
494	0.75	-0.0327255	-1.27867119	-39.1563097	2.75	7.639301607	3.836013556	19.36892904	8	7.54E-10	2.90E-05
495	0.250142367	-0.03736647	-4.75932103	-38.8988405	6.776700837	6.975214788	1.074468465	-24.862559	8	5.41E-11	3.24E-06
496	0.25	-8.83058314	-2.21472346	-0.12540075	4.25	0.028310701	2.214723459	-39.1145993	8	1.70E-11	8.36E-06
497	0.249857633	0.037366471	1.074468465	-39.1629795	1.723299163	-6.97521479	-4.75932103	24.44437912	8	4.54E-10	4.57E-05
498	0.25	8.548341635	1.715517415	-9.91034212	3.25	-0.02924544	-2.85919569	-39.0727631	8	6.05E-11	5.50E-06
499	0.75	-7.63930161	-1.27867119	-19.7036903	2.75	0.032725505	3.836013556	-38.988929	8	4.41E-11	3.31E-06
500	0.246751486	8.645067329	2.480360905	4.793308841	4.749989417	-0.0281646	-1.92599904	-39.1286071	8	1.05E-11	6.92E-06
501	0.184121195	1.42E-65	1.42E-65	-16.6256776	4.687359127	-1.63E-66	-1.71E-64	-22.4967745	8	1.55E-11	1.35E-05
502	0.75	0.042980234	5.859607495	-38.7363054	7.75	-5.81662726	-0.83708679	-29.5019564	8	3.09E-11	2.32E-06
503	0.238799958	8.048630838	3.245992857	14.62281266	5.749958104	-0.03013204	-1.46589204	-39.1489353	8	5.27E-11	1.12E-05
504	0.250041896	0.031047284	3.344588038	-39.0383512	5.761200042	-8.29310341	-1.51041768	-14.9155261	8	1.33E-11	4.55E-06
505	0.25	-0.04298023	-5.8596075	-38.7363054	7.25	5.816627262	0.837086785	-29.5019564	8	7.84E-11	2.80E-06
506	0.75	-0.04298023	-5.8596075	-38.7363054	7.75	5.816627262	0.837086785	-29.5019564	8	4.67E-11	2.32E-06
507	0.25	0.029245439	2.859195691	-39.0727631	5.25	-8.54834163	-1.71551741	-9.91034212	8	7.71E-12	5.50E-06
508	0.75	-0.04298023	-0.83708679	-39.1680436	1.75	5.816627262	5.859607495	28.9263054	8	7.75E-10	7.93E-05
509	0.75	5.816627262	0.837086785	-29.5019564	1.75	-0.04298023	-5.8596075	-38.7363054	8	7.89E-11	2.32E-06
510	0.25	-8.54834163	-2.85919569	9.642763136	5.25	0.029245439	1.715517415	-39.1396579	8	1.53E-11	1.22E-05
511	0.75	-0.0283107	-2.21472346	-39.1145993	4.75	8.830583135	2.214723459	-0.12540075	8	3.07E-10	8.26E-06
512	0.750142367	-0.03580872	-4.56091221	-38.8988405	7.276700837	6.684428751	1.029675518	-24.862559	8	1.74E-11	2.51E-06
513	0.25	-0.02924544	-1.71551741	-39.1396579	3.25	8.548341635	2.859195691	9.642763136	8	1.63E-10	1.22E-05
514	0.75	8.548341635	1.715517415	-9.91034212	3.75	-0.02924544	-2.85919569	-39.0727631	8	8.36E-11	4.97E-06
515	0.75	0.032725505	3.836013556	-38.988929	6.75	-7.63930161	-1.27867119	-19.7036903	8	2.86E-11	3.31E-06
516	0.746751486	-8.87337675	-2.54586528	4.793308841	5.249989417	0.028908403	1.976863157	-39.1286071	8	4.98E-09	1.07E-05

517	0.75	-0.02924544	-2.85919569	-39.0727631	5.75	8.548341635	1.715517415	-9.91034212	8	8.73E-11	4.97E-06
518	0.749958104	0.03013204	1.465892044	-39.1489353	3.238799958	-8.04863084	-3.24599286	14.62281266	8	1.21E-10	1.12E-05
519	0.750041896	0.03013204	3.245992857	-39.0383512	6.261200042	-8.04863084	-1.46589204	-14.9155261	8	3.23E-10	3.37E-06
520	0.25	-0.02924544	-2.85919569	-39.0727631	5.25	8.548341635	1.715517415	-9.91034212	8	5.94E-11	5.50E-06
521	0.25	-0.0327255	-3.83601356	-38.988929	6.25	7.639301607	1.278671185	-19.7036903	8	7.20E-11	3.87E-06
522	0.25	8.548341635	2.859195691	9.642763136	5.25	-0.02924544	-1.71551741	-39.1396579	8	8.02E-11	1.22E-05
523	0.749958104	-0.03013204	-1.46589204	-39.1489353	3.238799958	8.048630838	3.245992857	14.62281266	8	6.41E-11	1.12E-05
524	0.25	0.032725505	3.836013556	-38.988929	6.25	-7.63930161	-1.27867119	-19.7036903	8	4.05E-11	3.87E-06
525	0.223299163	6.684428751	4.560912212	24.44437912	6.749857633	-0.03580872	-1.02967552	-39.1629795	8	1.03E-09	2.11E-05
526	0.75	7.639301607	1.278671185	-19.7036903	2.75	-0.0327255	-3.83601356	-38.988929	8	4.38E-11	3.31E-06
527	0.250142367	0.037366471	4.759321027	-38.8988405	6.776700837	-6.97521479	-1.07446846	-24.862559	8	1.71E-10	3.24E-06
528	0.752029886	0.063227418	9.283978151	-37.8973346	8.372825919	-3.45729393	-0.46196242	-35.5868189	8	3.75E-11	1.68E-06
529	0.249958104	-0.03104728	-1.51041768	-39.1489353	2.738799958	8.293103407	3.344588038	14.62281266	8	1.36E-10	1.96E-05
530	0.75	8.548341635	2.859195691	9.642763136	5.75	-0.02924544	-1.71551741	-39.1396579	8	6.86E-09	1.43E-05
531	0.75	-8.54834163	-2.85919569	9.642763136	5.75	0.029245439	1.715517415	-39.1396579	8	5.80E-09	1.43E-05
532	0.738799958	8.293103407	3.344588038	14.62281266	6.249958104	-0.03104728	-1.51041768	-39.1489353	8	1.24E-10	1.96E-05
533	0.723299163	6.975214788	4.759321027	24.44437912	7.249857633	-0.03736647	-1.07446846	-39.1629795	8	7.78E-11	4.57E-05
534	0.746751486	8.873376752	2.545865284	4.793308841	5.249989417	-0.0289084	-1.97686316	-39.1286071	8	2.72E-09	1.07E-05
535	0.247970114	-0.0717381	-0.52414456	-39.1731902	0.627174081	3.922660661	10.53364182	34.17734364	8	2.04E-10	2.07E-05
536	0.761200042	-8.29310341	-1.51041768	-14.9155261	3.250041896	0.031047284	3.344588038	-39.0383512	8	2.12E-11	4.55E-06
537	0.749857633	0.03580872	1.029675518	-39.1629795	2.223299163	-6.68442875	-4.56091221	24.44437912	8	1.84E-09	2.11E-05
538	0.238799958	-8.04863084	-3.24599286	14.62281266	5.749958104	0.03013204	1.465892044	-39.1489353	8	5.55E-11	1.12E-05
539	0.25	8.830583135	2.214723459	-0.12540075	4.25	-0.0283107	-2.21472346	-39.1145993	8	6.09E-11	8.36E-06
540	0.25	0.032725505	1.278671185	-39.1563097	2.25	-7.63930161	-3.83601356	19.36892904	8	1.04E-10	1.94E-05
541	0.246751486	-8.64506733	-2.4803609	4.793308841	4.749989417	0.028164598	1.925999039	-39.1286071	8	2.17E-11	6.92E-06
542	0.753248514	-8.87337675	-1.97686316	-5.04815705	4.250010583	0.028908403	2.545865284	-39.0965447	8	8.51E-11	6.68E-06
543	0.75	8.830583135	2.214723459	-0.12540075	4.75	-0.0283107	-2.21472346	-39.1145993	8	1.53E-10	8.26E-06
544	0.25	-5.81662726	-5.8596075	28.9263054	7.25	0.042980234	0.837086785	-39.1680436	8	2.98E-10	3.54E-05
545	0.75	-8.54834163	-1.71551741	-9.91034212	3.75	0.029245439	2.859195691	-39.0727631	8	4.65E-11	4.97E-06
546	0.747970114	-0.06322742	-0.46196242	-39.1731902	1.127174081	3.457293926	9.283978151	34.17734364	8	2.50E-10	4.12E-05
547	0.75	-2.25E-20	-3.30E-23	-19.62	4.75	-2.34E-20	-4.14E-22	-19.62	8	4.56E-11	1.94E-05
548	0.276700837	-6.68442875	-1.02967552	-24.862559	1.750142367	0.03580872	4.560912212	-38.8988405	8	2.05E-11	2.51E-06
549	0.761200042	8.293103407	1.510417678	-14.9155261	3.250041896	-0.03104728	-3.34458804	-39.0383512	8	1.81E-11	4.55E-06
550	0.75	0.032725505	1.278671185	-39.1563097	2.75	-7.63930161	-3.83601356	19.36892904	8	2.99E-10	2.90E-05
551	0.75	7.639301607	3.836013556	19.36892904	6.75	-0.0327255	-1.27867119	-39.1563097	8	9.87E-10	2.90E-05
552	0.249857633	-0.03736647	-1.07446846	-39.1629795	1.723299163	6.975214788	4.759321027	24.44437912	8	8.80E-11	4.57E-05
553	0.261200042	-8.04863084	-1.46589204	-14.9155261	2.750041896	0.03013204	3.245992857	-39.0383512	8	2.51E-10	3.37E-06
554	0.253248514	8.645067329	1.925999039	-5.04815705	3.750010583	-0.0281646	-2.4803609	-39.0965447	8	2.05E-11	4.69E-06
555	0.276700837	6.684428751	1.029675518	-24.862559	1.750142367	-0.03580872	-4.56091221	-38.8988405	8	3.70E-11	2.51E-06
556	0.75	-0.0327255	-3.83601356	-38.988929	6.75	7.639301607	1.278671185	-19.7036903	8	3.28E-11	3.31E-06
557	0.872825919	-3.92266066	-0.52414456	-35.5868189	1.252029886	0.071738102	10.53364182	-37.8973346	8	3.03E-11	1.96E-06
558	0.687359127	3.85E-34	-3.70E-32	-22.4967745	4.184121195	-3.39E-32	-3.08E-33	-16.6256776	8	4.86E-11	1.35E-05
559	0.723299163	-6.97521479	-4.75932103	24.44437912	7.249857633	0.037366471	1.074468465	-39.1629795	8	1.62E-10	4.57E-05
560	0.372825919	3.457293926	0.461962416	-35.5868189	0.752029886	-0.06322742	-9.28397815	-37.8973346	8	6.26E-11	1.68E-06
561	0.855584513	-1.69E-34	-3.08E-33	-15.7507841	5.644415487	-3.01E-35	-3.37E-33	-23.4892159	8	8.52E-11	1.59E-05
562	0.261200042	8.048630838	1.465892044	-14.9155261	2.750041896	-0.03013204	-3.24599286	-39.0383512	8	7.34E-11	3.37E-06
563	0.752029886	-0.06322742	-9.28397815	-37.8973346	8.372825919	3.457293926	0.461962416	-35.5868189	8	2.50E-11	1.68E-06

564	0.25	7.639301607	1.278671185	-19.7036903	2.25	-0.0327255	-3.83601356	-38.988929	8	4.34E-11	3.87E-06
565	0.25	0.042980234	0.837086785	-39.1680436	1.25	-5.81662726	-5.8596075	28.9263054	8	1.68E-10	3.54E-05
566	0.252029886	-0.0717381	-10.5336418	-37.8973346	7.872825919	3.922660661	0.524144557	-35.5868189	8	5.30E-11	1.96E-06
567	0.315878805	-2.74E-24	-8.22E-25	-21.6799897	3.812640873	4.10E-25	3.36E-23	-17.6775583	8	9.56E-11	1.29E-05
568	0.223299163	-6.68442875	-4.56091221	24.44437912	6.749857633	0.03580872	1.029675518	-39.1629795	8	1.53E-09	2.11E-05
569	0.75	-7.63930161	-3.83601356	19.36892904	6.75	0.032725505	1.278671185	-39.1563097	8	5.67E-10	2.90E-05
570	0.75	-5.81662726	-5.8596075	28.9263054	7.75	0.042980234	0.837086785	-39.1680436	8	1.45E-09	7.93E-05
571	0.25	5.816627262	5.859607495	28.9263054	7.25	-0.04298023	-0.83708679	-39.1680436	8	2.53E-10	3.54E-05
572	0.812640873	-1.31E-25	-5.85E-24	-17.6775583	5.315878805	6.76E-25	1.28E-24	-21.6799897	8	7.56E-11	1.29E-05
573	0.25	0.042980234	5.859607495	-38.7363054	7.25	-5.81662726	-0.83708679	-29.5019564	8	3.48E-10	2.80E-06
574	0.25	5.816627262	0.837086785	-29.5019564	1.25	-0.04298023	-5.8596075	-38.7363054	8	5.60E-11	2.80E-06
575	0.776700837	-6.97521479	-1.07446846	-24.862559	2.250142367	0.037366471	4.759321027	-38.8988405	8	1.27E-11	3.24E-06
576	0.776700837	6.975214788	1.074468465	-24.862559	2.250142367	-0.03736647	-4.75932103	-38.8988405	8	5.29E-11	3.24E-06
577	0.247970114	0.071738102	0.524144557	-39.1731902	0.627174081	-3.92266066	-10.5336418	34.17734364	8	2.76E-10	2.07E-05
578	0.627174081	-3.92266066	-10.5336418	34.17734364	8.247970114	0.071738102	0.524144557	-39.1731902	8	5.65E-10	2.07E-05
579	0.75	9.879238818	1.980908882	-5.00525615	4.75	-0.02530559	-2.4761361	-44.0196798	9	7.50E-11	4.72E-06
580	0.75	0.025305593	2.476136103	-44.0196798	5.75	-9.87923882	-1.98090888	-5.00525615	9	9.01E-11	4.72E-06
581	0.75	-0.02489233	-2.19219835	-44.0336078	5.25	9.840000243	2.19219835	-0.11139219	9	4.45E-11	4.10E-06
582	0.25	9.369593805	1.566045976	-14.7985706	3.25	-0.02668205	-3.13209195	-43.9778587	9	8.18E-11	3.52E-06
583	0.25	0.030279331	4.143368195	-43.8940832	7.25	-8.25645706	-1.18381948	-24.5966905	9	2.61E-11	2.60E-06
584	0.75	-0.02530559	-2.4761361	-44.0196798	5.75	9.879238818	1.980908882	-5.00525615	9	2.05E-11	4.72E-06
585	0.25	-0.0254013	-2.23702177	-44.0336078	4.75	10.04119666	2.237021769	-0.11139219	9	3.51E-10	6.08E-06
586	0.75	-7.44E-46	-6.17E-44	-22.5169444	5.25	3.15E-45	1.93E-45	-21.6280556	9	1.99E-10	1.06E-05
587	0.749985866	0.025527289	1.745658361	-44.0539364	4.244692133	-9.58483475	-2.74997705	9.71847693	9	6.06E-11	6.03E-06
588	0.24996008	-0.02848825	-1.3859285	-44.0679824	2.737378784	8.997483774	3.62865006	19.54177447	9	3.20E-11	1.79E-05
589	0.25	-9.87923882	-2.4761361	4.779679813	5.25	0.025305593	1.980908882	-44.0447439	9	1.91E-11	7.18E-06
590	0.749985866	-0.02552729	-1.74565836	-44.0539364	4.244692133	9.584834745	2.749977051	9.71847693	9	1.57E-10	6.03E-06
591	0.25	9.840000243	2.19219835	-0.11139219	4.75	-0.02489233	-2.19219835	-44.0336078	9	2.35E-11	4.10E-06
592	0.74987192	-0.03343014	-0.96127958	-44.0782695	2.222264336	7.202705317	4.914542738	29.3596709	9	6.76E-10	1.82E-05
593	0.249985866	-0.02607695	-1.78324657	-44.0539364	3.744692133	9.791219194	2.809190643	9.71847693	9	2.01E-10	9.73E-06
594	0.25	-0.02530559	-2.4761361	-44.0196798	5.25	9.879238818	1.980908882	-5.00525615	9	1.28E-09	5.00E-06
595	0.25	0.025305593	2.476136103	-44.0196798	5.25	-9.87923882	-1.98090888	-5.00525615	9	4.40E-10	5.00E-06
596	0.737378784	-8.99748377	-3.62865006	19.54177447	7.24996008	0.028488254	1.3859285	-44.0679824	9	1.05E-10	1.79E-05
597	0.25003992	-0.02848825	-3.62865006	-43.943352	6.762621216	8.997483774	1.3859285	-19.8204401	9	2.87E-10	2.99E-06
598	0.722264336	7.473202532	5.099108129	29.3596709	8.24987192	-0.03468561	-0.99738038	-44.0782695	9	2.81E-10	4.23E-05
599	0.25	0.026682053	1.566045976	-44.0614294	3.25	-9.3695938	-3.13209195	14.54785871	9	3.50E-10	1.04E-05
600	0.25	-0.02668205	-3.13209195	-43.9778587	6.25	9.369593805	1.566045976	-14.7985706	9	1.39E-11	3.52E-06
601	0.762621216	8.997483774	1.3859285	-19.8204401	3.25003992	-0.02848825	-3.62865006	-43.943352	9	2.17E-10	2.99E-06
602	0.25	-6.22401692	-0.78302299	-34.3979033	1.25	0.040166986	6.264183905	-43.6417732	9	3.58E-11	1.96E-06
603	0.244692133	-9.58483475	-2.74997705	9.71847693	5.749985866	0.025527289	1.745658361	-44.0539364	9	9.20E-11	6.03E-06
604	0.75	-9.3695938	-1.56604598	-14.7985706	3.75	0.026682053	3.132091953	-43.9778587	9	1.15E-11	3.12E-06
605	0.25	-9.84000024	-2.19219835	-0.11139219	4.75	0.024892332	2.19219835	-44.0336078	9	3.70E-11	4.10E-06
606	0.25	-0.02668205	-1.56604598	-44.0614294	3.25	9.369593805	3.132091953	14.54785871	9	2.03E-10	1.04E-05
607	0.25	9.369593805	3.132091953	14.54785871	6.25	-0.02668205	-1.56604598	-44.0614294	9	3.61E-10	1.04E-05
608	0.750014134	0.025527289	2.749977051	-44.0015454	6.255307867	-9.58483475	-1.74565836	-9.95299508	9	2.28E-11	2.97E-06
609	0.250014134	-0.02607695	-2.80919064	-44.0015454	5.755307867	9.791219194	1.783246567	-9.95299508	9	1.29E-10	4.15E-06
610	0.750014134	-0.02552729	-2.74997705	-44.0015454	6.255307867	9.584834745	1.745658361	-9.95299508	9	3.91E-11	2.97E-06

611	0.249985866	0.026076952	1.783246567	-44.0539364	3.744692133	-9.79121919	-2.80919064	9.71847693	9	1.12E-10	9.73E-06
612	0.24996008	0.028488254	1.3859285	-44.0679824	2.737378784	-8.99748377	-3.62865006	19.54177447	9	1.42E-10	1.79E-05
613	0.25	0.030279331	1.183819484	-44.0733095	2.25	-8.25645706	-4.1433682	24.27408316	9	4.63E-11	1.65E-05
614	0.25003992	0.028488254	3.62865006	-43.943352	6.762621216	-8.99748377	-1.3859285	-19.8204401	9	5.95E-10	2.99E-06
615	0.75012808	-0.03343014	-4.91454274	-43.8038405	8.277735664	7.202705317	0.96127958	-29.7675609	9	3.13E-11	1.73E-06
616	0.25	-0.02530559	-1.98090888	-44.0447439	4.25	9.879238818	2.476136103	4.779679813	9	2.51E-11	7.18E-06
617	0.777735664	-7.47320253	-0.99738038	-29.7675609	2.25012808	0.034685606	5.099108129	-43.8038405	9	3.42E-11	2.23E-06
618	0.25	0.025305593	1.980908882	-44.0447439	4.25	-9.87923882	-2.4761361	4.779679813	9	3.22E-11	7.18E-06
619	0.75	0.024892332	2.19219835	-44.0336078	5.25	-9.84000024	-2.19219835	-0.11139219	9	6.13E-11	4.10E-06
620	0.25	-0.03027933	-1.18381948	-44.0733095	2.25	8.256457059	4.143368195	24.27408316	9	1.31E-11	1.65E-05
621	0.75	-9.3695938	-3.13209195	14.54785871	6.75	0.026682053	1.566045976	-44.0614294	9	1.26E-10	1.30E-05
622	0.75	-0.03027933	-4.1433682	-43.8940832	7.75	8.256457059	1.183819484	-24.5966905	9	4.54E-11	2.21E-06
623	0.75	-6.22401692	-6.26418391	33.83177323	8.75	0.040166986	0.783022988	-44.0820967	9	8.28E-10	7.06E-05
624	0.75	-0.02530559	-1.98090888	-44.0447439	4.75	9.879238818	2.476136103	4.779679813	9	7.24E-11	7.65E-06
625	0.25	0.0254013	2.237021769	-44.0336078	4.75	-10.0411967	-2.23702177	-0.11139219	9	9.66E-10	6.08E-06
626	0.25	-9.87923882	-1.98090888	-5.00525615	4.25	0.025305593	2.476136103	-44.0196798	9	9.55E-10	5.00E-06
627	0.75	9.369593805	3.132091953	14.54785871	6.75	-0.02668205	-1.56604598	-44.0614294	9	1.78E-10	1.30E-05
628	0.75	0.040166986	0.783022988	-44.0820967	1.75	-6.22401692	-6.26418391	33.83177323	9	1.48E-09	7.06E-05
629	0.722264336	-7.47320253	-5.09910813	29.3596709	8.24987192	0.034685606	0.997380383	-44.0782695	9	5.05E-10	4.23E-05
630	0.25	0.026682053	3.132091953	-43.9778587	6.25	-9.3695938	-1.56604598	-14.7985706	9	3.13E-11	3.52E-06
631	0.74996008	-0.02777666	-1.35131	-44.0679824	3.237378784	8.772739579	3.538011604	19.54177447	9	1.22E-10	9.71E-06
632	0.25	0.040166986	0.783022988	-44.0820967	1.25	-6.22401692	-6.26418391	33.83177323	9	7.23E-08	3.02E-05
633	0.75	-0.03027933	-1.18381948	-44.0733095	2.75	8.256457059	4.143368195	24.27408316	9	4.80E-10	2.66E-05
634	0.74996008	0.027776659	1.351310001	-44.0679824	3.237378784	-8.77273958	-3.5380116	19.54177447	9	2.77E-11	9.71E-06
635	0.75	0.025305593	1.980908882	-44.0447439	4.75	-9.87923882	-2.4761361	4.779679813	9	6.62E-11	7.65E-06
636	0.75	-0.04016699	-0.78302299	-44.0820967	1.75	6.224016919	6.264183905	33.83177323	9	5.43E-10	7.06E-05
637	0.25	-9.3695938	-1.56604598	-14.7985706	3.25	0.026682053	3.132091953	-43.9778587	9	5.30E-11	3.52E-06
638	0.75	0.030279331	4.143368195	-43.8940832	7.75	-8.25645706	-1.18381948	-24.5966905	9	5.21E-11	2.21E-06
639	0.244692133	9.584834745	2.749977051	9.71847693	5.749985866	-0.02552729	-1.74565836	-44.0539364	9	9.55E-11	6.03E-06
640	0.25	-0.03027933	-4.1433682	-43.8940832	7.25	8.256457059	1.183819484	-24.5966905	9	1.75E-11	2.60E-06
641	0.248200467	-0.06693786	-0.48887178	-44.0860713	0.626448387	4.1479934	11.14330322	39.09117178	9	5.12E-10	1.70E-05
642	0.75	-0.02668205	-1.56604598	-44.0614294	3.75	9.369593805	3.132091953	14.54785871	9	1.65E-10	1.30E-05
643	0.75	9.879238818	2.476136103	4.779679813	5.75	-0.02530559	-1.98090888	-44.0447439	9	4.38E-11	7.65E-06
644	0.25012808	-0.03468561	-5.09910813	-43.8038405	7.777735664	7.473202532	0.997380383	-29.7675609	9	4.49E-11	2.23E-06
645	0.75	-10.0411967	-2.23702177	-0.11139219	5.25	0.0254013	2.237021769	-44.0336078	9	5.23E-10	6.08E-06
646	0.75	8.256457059	4.143368195	24.27408316	7.75	-0.03027933	-1.18381948	-44.0733095	9	1.06E-10	2.66E-05
647	0.250014134	0.026076952	2.809190643	-44.0015454	5.755307867	-9.79121919	-1.78324657	-9.95299508	9	1.91E-10	4.15E-06
648	0.926537987	-7.18E-27	-1.87E-26	-16.4468376	6.573462013	-1.03E-27	-1.09E-25	-27.6981624	9	9.13E-11	9.98E-06
649	0.25	9.879238818	1.980908882	-5.00525615	4.25	-0.02530559	-2.4761361	-44.0196798	9	2.29E-10	5.00E-06
650	0.103711269	-7.57E-28	-2.05E-26	-16.7869741	5.609005002	3.84E-27	2.50E-27	-27.228537	9	1.04E-10	8.70E-06
651	0.573462013	9.65E-35	8.42E-33	-27.6981624	3.926537987	5.17E-34	2.91E-34	-16.4468376	9	2.22E-10	9.98E-06
652	0.75	0.026682053	3.132091953	-43.9778587	6.75	-9.3695938	-1.56604598	-14.7985706	9	7.95E-12	3.12E-06
653	0.751799533	0.059900139	9.971716458	-42.8017839	9.373551613	-3.71188087	-0.43747268	-40.4933166	9	7.31E-11	1.20E-06
654	0.75	-8.25645706	-1.18381948	-24.5966905	2.75	0.030279331	4.143368195	-43.8940832	9	3.20E-11	2.21E-06
655	0.25	-0.04016699	-0.78302299	-44.0820967	1.25	6.224016919	6.264183905	33.83177323	9	1.63E-08	3.02E-05
656	0.75	-0.02668205	-3.13209195	-43.9778587	6.75	9.369593805	1.566045976	-14.7985706	9	2.84E-11	3.12E-06
657	0.255307867	-9.58483475	-1.74565836	-9.95299508	3.750014134	0.025527289	2.749977051	-44.0015454	9	4.88E-12	2.97E-06

658	0.25	8.256457059	1.183819484	-24.5966905	2.25	-0.03027933	-4.1433682	-43.8940832	9	1.75E-11	2.60E-06
659	0.75	0.040166986	6.264183905	-43.6417732	8.75	-6.22401692	-0.78302299	-34.3979033	9	8.10E-11	1.62E-06
660	0.25012808	0.034685606	5.099108129	-43.8038405	7.777735664	-7.47320253	-0.99738038	-29.7675609	9	1.15E-11	2.23E-06
661	0.25	-8.25645706	-4.1433682	24.27408316	7.25	0.030279331	1.183819484	-44.0733095	9	1.16E-10	1.65E-05
662	0.237378784	-8.77273958	-3.5380116	19.54177447	6.74996008	0.027776659	1.351310001	-44.0679824	9	1.00E-10	9.71E-06
663	0.262621216	8.772739579	1.351310001	-19.8204401	2.75003992	-0.02777666	-3.5380116	-43.943352	9	1.35E-11	2.24E-06
664	0.75003992	0.027776659	3.538011604	-43.943352	7.262621216	-8.77273958	-1.35131	-19.8204401	9	8.02E-11	2.24E-06
665	0.262621216	-8.77273958	-1.35131	-19.8204401	2.75003992	0.027776659	3.538011604	-43.943352	9	2.95E-11	2.24E-06
666	0.24987192	-0.03468561	-0.99738038	-44.0782695	1.722264336	7.473202532	5.099108129	29.3596709	9	2.90E-10	4.23E-05
667	0.800430695	1.07E-18	5.45E-17	-20.1147251	5.699569305	-4.01E-18	5.01E-19	-24.0302749	9	3.13E-11	1.24E-05
668	0.25	9.879238818	2.476136103	4.779679813	5.25	-0.02530559	-1.98090888	-44.0447439	9	5.52E-11	7.18E-06
669	0.24987192	0.034685606	0.997380383	-44.0782695	1.722264336	-7.47320253	-5.09910813	29.3596709	9	2.37E-10	4.23E-05
670	0.74987192	0.033430139	0.96127958	-44.0782695	2.222264336	-7.20270532	-4.91454274	29.3596709	9	8.91E-10	1.82E-05
671	0.75012808	0.033430139	4.914542738	-43.8038405	8.277735664	-7.20270532	-0.96127958	-29.7675609	9	6.01E-11	1.73E-06
672	0.251799533	0.066937865	11.14330322	-42.8017839	8.873551613	-4.1479934	-0.48887178	-40.4933166	9	1.93E-11	1.41E-06
673	0.755307867	-9.79121919	-1.78324657	-9.95299508	4.250014134	0.026076952	2.809190643	-44.0015454	9	5.73E-11	4.15E-06
674	0.75	-0.04016699	-6.26418391	-43.6417732	8.75	6.224016919	0.783022988	-34.3979033	9	6.97E-11	1.62E-06
675	0.222264336	7.202705317	4.914542738	29.3596709	7.74987192	-0.03343014	-0.96127958	-44.0782695	9	4.81E-10	1.82E-05
676	0.744692133	-9.79121919	-2.80919064	9.71847693	6.249985866	0.026076952	1.783246567	-44.0539364	9	1.10E-10	9.73E-06
677	0.75	0.026682053	1.566045976	-44.0614294	3.75	-9.3695938	-3.13209195	14.54785871	9	1.86E-10	1.30E-05
678	0.75	-9.87923882	-1.98090888	-5.00525615	4.75	0.025305593	2.476136103	-44.0196798	9	1.02E-10	4.72E-06
679	0.25	-9.3695938	-3.13209195	14.54785871	6.25	0.026682053	1.566045976	-44.0614294	9	1.67E-10	1.04E-05
680	0.75	-9.87923882	-2.4761361	4.779679813	5.75	0.025305593	1.980908882	-44.0447439	9	8.43E-11	7.65E-06
681	0.255307867	9.584834745	1.745658361	-9.95299508	3.750014134	-0.02552729	-2.74997705	-44.0015454	9	7.62E-12	2.97E-06
682	0.75	8.256457059	1.183819484	-24.5966905	2.75	-0.03027933	-4.1433682	-43.8940832	9	4.25E-11	2.21E-06
683	0.25	8.256457059	4.143368195	24.27408316	7.25	-0.03027933	-1.18381948	-44.0733095	9	3.46E-11	1.65E-05
684	0.737378784	8.997483774	3.62865006	19.54177447	7.24996008	-0.02848825	-1.3859285	-44.0679824	9	4.05E-11	1.79E-05
685	0.762621216	-8.99748377	-1.3859285	-19.8204401	3.25003992	0.028488254	3.62865006	-43.943352	9	1.13E-10	2.99E-06
686	0.25	0.040166986	6.264183905	-43.6417732	8.25	-6.22401692	-0.78302299	-34.3979033	9	1.92E-11	1.96E-06
687	0.75	0.030279331	1.183819484	-44.0733095	2.75	-8.25645706	-4.1433682	24.27408316	9	4.14E-10	2.66E-05
688	0.237378784	8.772739579	3.538011604	19.54177447	6.74996008	-0.02777666	-1.35131	-44.0679824	9	9.62E-11	9.71E-06
689	0.25	-0.04016699	-6.26418391	-43.6417732	8.25	6.224016919	0.783022988	-34.3979033	9	1.14E-11	1.96E-06
690	0.75003992	-0.02777666	-3.5380116	-43.943352	7.262621216	8.772739579	1.351310001	-19.8204401	9	4.26E-11	2.24E-06
691	0.25	-6.22401692	-6.26418391	33.83177323	8.25	0.040166986	0.783022988	-44.0820967	9	3.75E-08	3.02E-05
692	0.744692133	9.791219194	2.809190643	9.71847693	6.249985866	-0.02607695	-1.78324657	-44.0539364	9	3.35E-11	9.73E-06
693	0.277735664	7.202705317	0.96127958	-29.7675609	1.75012808	-0.03343014	-4.91454274	-43.8038405	9	5.06E-11	1.73E-06
694	0.277735664	-7.20270532	-0.96127958	-29.7675609	1.75012808	0.033430139	4.914542738	-43.8038405	9	2.07E-11	1.73E-06
695	0.75	9.369593805	1.566045976	-14.7985706	3.75	-0.02668205	-3.13209195	-43.9778587	9	1.28E-11	3.12E-06
696	0.25	-2.01E-18	-1.25E-16	-21.6280556	4.75	-1.04E-18	3.93E-17	-22.5169444	9	1.46E-10	1.06E-05
697	0.755307867	9.791219194	1.783246567	-9.95299508	4.250014134	-0.02607695	-2.80919064	-44.0015454	9	3.44E-10	4.15E-06
698	0.75	10.04119666	2.237021769	-0.11139219	5.25	-0.0254013	-2.23702177	-44.0336078	9	6.68E-10	6.08E-06
699	0.25	6.224016919	6.264183905	33.83177323	8.25	-0.04016699	-0.78302299	-44.0820967	9	2.28E-08	3.02E-05
700	0.75	6.224016919	6.264183905	33.83177323	8.75	-0.04016699	-0.78302299	-44.0820967	9	4.39E-09	7.06E-05
701	0.25	-8.25645706	-1.18381948	-24.5966905	2.25	0.030279331	4.143368195	-43.8940832	9	9.44E-12	2.60E-06
702	0.222264336	-7.20270532	-4.91454274	29.3596709	7.74987192	0.033430139	0.96127958	-44.0782695	9	7.90E-10	1.82E-05
703	0.396288731	-1.37E-47	-7.01E-46	-26.7783945	3.890994998	-1.92E-47	1.09E-47	-17.4960943	9	2.06E-11	7.70E-06
704	0.251799533	-0.06693786	-11.1433032	-42.8017839	8.873551613	4.1479934	0.488871778	-40.4933166	9	1.58E-11	1.41E-06

705	0.250116174	0.032509577	5.41756109	-48.7088403	8.778526028	-7.93991994	-0.93480844	-34.6725683	10	3.32E-11	1.60E-06
706	0.750116174	0.031469837	5.244293536	-48.7088403	9.278526028	-7.68598085	-0.90491086	-34.6725683	10	1.89E-11	1.25E-06
707	0.750004259	-0.02254892	-2.42913971	-48.9386082	6.252059709	10.90358682	1.985827994	-5.01622702	10	5.32E-12	2.63E-06
708	0.25	10.82679393	1.808314132	-9.89351106	4.25	-0.02309086	-2.7124712	-48.9247334	10	1.66E-11	3.22E-06
709	0.249962568	0.026473268	1.287904138	-48.9832717	2.736338114	-9.65035476	-3.89194144	24.45700831	10	2.62E-11	1.65E-05
710	0.749962568	-0.02589957	-1.25999404	-48.9832717	3.236338114	9.44122243	3.807599384	24.45700831	10	4.75E-11	8.50E-06
711	0.25	0.024692711	1.449876842	-48.9783972	3.25	-10.1244452	-3.38304596	19.45292685	10	1.59E-09	8.95E-06
712	0.75	0.024692711	1.449876842	-48.9783972	3.75	-10.1244452	-3.38304596	19.45292685	10	6.01E-10	1.20E-05
713	0.25	-0.03784251	-6.64417038	-48.5471359	9.25	6.606327871	0.738241153	-39.2958738	10	9.73E-12	1.42E-06
714	0.249995741	0.022925097	2.018957041	-48.9589369	4.747940291	-11.0854885	-2.46966441	4.813772189	10	1.32E-11	5.57E-06
715	0.75	0.028310701	4.429446918	-48.7991985	8.75	-8.83058314	-1.10736173	-29.4927004	10	1.20E-11	1.54E-06
716	0.749995741	0.022548919	1.985827994	-48.9589369	5.247940291	-10.9035868	-2.42913971	4.813772189	10	3.56E-11	3.62E-06
717	0.75	-10.1244452	-1.44987684	-19.6916028	3.75	0.024692711	3.383045965	-48.8829268	10	4.23E-12	2.09E-06
718	0.25	-0.02309086	-2.7124712	-48.9247334	6.25	10.82679393	1.808314132	-9.89351106	10	2.10E-11	3.22E-06
719	0.249984844	-0.02394287	-1.63731407	-48.9729832	3.743269454	10.62959382	3.049719069	14.63742381	10	6.18E-12	8.93E-06
720	0.75	-0.0226224	-2.21472346	-48.9497953	5.75	11.0509949	2.214723459	-0.10020471	10	6.37E-11	4.53E-06
721	0.25	-11.0509949	-2.21472346	-0.10020471	5.25	0.022622398	2.214723459	-48.9497953	10	3.05E-11	4.57E-06
722	0.75	-0.0283107	-1.10736173	-48.9872996	2.75	8.830583135	4.429446918	29.1791985	10	8.95E-10	2.46E-05
723	0.75	-11.0509949	-2.21472346	-0.10020471	5.75	0.022622398	2.214723459	-48.9497953	10	8.83E-11	4.53E-06
724	0.249962568	-0.02647327	-1.28790414	-48.9832717	2.736338114	9.650354758	3.891941441	24.45700831	10	1.42E-10	1.65E-05
725	0.249995741	-0.0229251	-2.01895704	-48.9589369	4.747940291	11.08548849	2.469664413	4.813772189	10	5.71E-12	5.57E-06
726	0.25	0.022622398	2.214723459	-48.9497953	5.25	-11.0509949	-2.21472346	-0.10020471	10	4.28E-11	4.57E-06
727	0.25	-8.83058314	-1.10736173	-29.4927004	2.25	0.028310701	4.429446918	-48.7991985	10	2.63E-11	1.83E-06
728	0.25	-0.02469271	-3.38304596	-48.8829268	7.25	10.12444518	1.449876842	-19.6916028	10	2.81E-11	2.39E-06
729	0.25	-0.02469271	-1.44987684	-48.9783972	3.25	10.12444518	3.383045965	19.45292685	10	3.12E-09	8.95E-06
730	0.749962568	0.025899567	1.259994035	-48.9832717	3.236338114	-9.44122243	-3.80759938	24.45700831	10	3.21E-11	8.50E-06
731	0.250015156	0.023942867	3.049719069	-48.9065458	6.756730546	-10.6295938	-1.63731407	-14.8578948	10	2.80E-11	2.75E-06
732	0.75	0.022622398	2.214723459	-48.9497953	5.75	-11.0509949	-2.21472346	-0.10020471	10	3.20E-11	4.53E-06
733	0.250004259	-0.0229251	-2.46966441	-48.9386082	5.752059709	11.08548849	2.018957041	-5.01622702	10	8.21E-11	3.80E-06
734	0.25	10.82679393	2.712471198	9.684733406	6.25	-0.02309086	-1.80831413	-48.9664889	10	1.62E-11	6.21E-06
735	0.250004259	0.022925097	2.469664413	-48.9386082	5.752059709	-11.0854885	-2.01895704	-5.01622702	10	5.48E-11	3.80E-06
736	0.25	0.023090862	1.808314132	-48.9664889	4.25	-10.8267939	-2.7124712	9.684733406	10	1.23E-11	6.21E-06
737	0.750037432	0.025899567	3.807599384	-48.8483524	8.263661886	-9.44122243	-1.25999404	-24.7253842	10	2.48E-11	1.57E-06
738	0.75	10.82679393	1.808314132	-9.89351106	4.75	-0.02309086	-2.7124712	-48.9247334	10	5.65E-10	2.96E-06
739	0.749984844	-0.02351543	-1.60808395	-48.9729832	4.243269454	10.43982915	2.995274003	14.63742381	10	1.58E-10	5.30E-06
740	0.25	0.023090862	2.712471198	-48.9247334	6.25	-10.8267939	-1.80831413	-9.89351106	10	6.17E-12	3.22E-06
741	0.75	0.028310701	1.10736173	-48.9872996	2.75	-8.83058314	-4.42944692	29.1791985	10	6.74E-10	2.46E-05
742	0.75	-0.02309086	-1.80831413	-48.9664889	4.75	10.82679393	2.712471198	9.684733406	10	8.57E-11	7.00E-06
743	0.749883826	-0.03146984	-0.90491086	-48.9911324	2.221473972	7.685980851	5.244293536	34.27254099	10	5.40E-10	1.58E-05
744	0.250015156	-0.02394287	-3.04971907	-48.9065458	6.756730546	10.62959382	1.637314075	-14.8578948	10	1.02E-11	2.75E-06
745	0.749995741	-0.02254892	-1.98582799	-48.9589369	5.247940291	10.90358682	2.429139714	4.813772189	10	5.19E-11	3.62E-06
746	0.25	-0.0283107	-1.10736173	-48.9872996	2.25	8.830583135	4.429446918	29.1791985	10	1.38E-10	1.42E-05
747	0.250037432	0.026473268	3.891941441	-48.8483524	7.763661886	-9.65035476	-1.28790414	-24.7253842	10	2.37E-12	2.07E-06
748	0.25	-0.0283107	-4.42944692	-48.7991985	8.25	8.830583135	1.10736173	-29.4927004	10	1.73E-11	1.83E-06
749	0.25	-0.0226224	-2.21472346	-48.9497953	5.25	11.0509949	2.214723459	-0.10020471	10	1.48E-11	4.57E-06
750	0.813070282	-1.52E-21	-7.43E-20	-22.4714811	6.315125732	7.15E-22	-2.87E-20	-26.6531719	10	1.62E-11	6.96E-06
751	0.25	-8.83058314	-4.42944692	29.1791985	8.25	0.028310701	1.10736173	-48.9872996	10	1.78E-10	1.42E-05

752	0.75	0.023090862	2.712471198	-48.9247334	6.75	-10.8267939	-1.80831413	-9.89351106	10	6.17E-10	2.96E-06
753	0.756730546	-10.6295938	-1.63731407	-14.8578948	4.250015156	0.023942867	3.049719069	-48.9065458	10	1.59E-11	2.75E-06
754	0.25	5.38E-43	-1.19E-41	-24.525	5.25	-6.73E-44	2.29E-42	-24.525	10	4.87E-10	1.00E-05
755	0.75	0.023090862	1.808314132	-48.9664889	4.75	-10.8267939	-2.7124712	9.684733406	10	2.86E-10	7.00E-06
756	0.25	-0.02309086	-1.80831413	-48.9664889	4.25	10.82679393	2.712471198	9.684733406	10	2.57E-11	6.21E-06
757	0.75	-8.83058314	-1.10736173	-29.4927004	2.75	0.028310701	4.429446918	-48.7991985	10	5.96E-11	1.54E-06
758	0.75	4.70E-38	3.06E-36	-24.525	5.75	-3.82E-38	3.61E-36	-24.525	10	7.32E-11	1.01E-05
759	0.249984844	0.023942867	1.637314075	-48.9729832	3.743269454	-10.6295938	-3.04971907	14.63742381	10	5.33E-11	8.93E-06
760	0.221473972	7.685980851	5.244293536	34.27254099	8.749883826	-0.03146984	-0.90491086	-48.9911324	10	7.88E-10	1.58E-05
761	0.251616098	0.062982006	11.72134774	-47.7063419	9.87412434	-4.36173015	-0.4598294	-45.3995177	10	5.72E-11	1.05E-06
762	0.750015156	0.023515428	2.995274003	-48.9065458	7.256730546	-10.4398291	-1.60808395	-14.8578948	10	3.42E-11	2.00E-06
763	0.736338114	-9.65035476	-3.89194144	24.45700831	8.249962568	0.026473268	1.287904138	-48.9832717	10	5.06E-11	1.65E-05
764	0.75	-0.03784251	-0.73824115	-48.9941262	1.75	6.606327871	6.644170377	38.73713589	10	3.81E-10	5.82E-05
765	0.750015156	-0.02351543	-2.995274	-48.9065458	7.256730546	10.43982915	1.608083948	-14.8578948	10	7.41E-12	2.00E-06
766	0.778526028	-7.93991994	-0.93480844	-34.6725683	2.250116174	0.032509577	5.41756109	-48.7088403	10	4.00E-11	1.60E-06
767	0.247940291	10.90358682	2.429139714	4.813772189	5.749995741	-0.02254892	-1.98582799	-48.9589369	10	2.57E-11	3.62E-06
768	0.75	-0.02309086	-2.7124712	-48.9247334	6.75	10.82679393	1.808314132	-9.89351106	10	2.62E-10	2.96E-06
769	0.249883826	0.032509577	0.93480844	-48.9911324	1.721473972	-7.93991994	-5.41756109	34.27254099	10	1.30E-09	3.94E-05
770	0.252059709	10.90358682	1.985827994	-5.01622702	4.750004259	-0.02254892	-2.42913971	-48.9386082	10	1.23E-11	2.63E-06
771	0.747940291	11.08548849	2.469664413	4.813772189	6.249995741	-0.0229251	-2.01895704	-48.9589369	10	8.05E-12	5.57E-06
772	0.256730546	-10.4398291	-1.60808395	-14.8578948	3.750015156	0.023515428	2.995274003	-48.9065458	10	5.61E-11	2.00E-06
773	0.749883826	0.031469837	0.904910859	-48.9911324	2.221473972	-7.68598085	-5.24429354	34.27254099	10	4.25E-10	1.58E-05
774	0.75	0.037842506	0.738241153	-48.9941262	1.75	-6.60632787	-6.64417038	38.73713589	10	4.46E-10	5.82E-05
775	0.25	0.037842506	0.738241153	-48.9941262	1.25	-6.60632787	-6.64417038	38.73713589	10	1.27E-10	2.60E-05
776	0.236338114	-9.44122243	-3.80759938	24.45700831	7.749962568	0.025899567	1.259994035	-48.9832717	10	6.19E-11	8.50E-06
777	0.750116174	-0.03146984	-5.24429354	-48.7088403	9.278526028	7.685980851	0.904910859	-34.6725683	10	5.30E-12	1.25E-06
778	0.25	0.028310701	4.429446918	-48.7991985	8.25	-8.83058314	-1.10736173	-29.4927004	10	5.63E-11	1.83E-06
779	0.25	10.12444518	1.449876842	-19.6916028	3.25	-0.02469271	-3.38304596	-48.8829268	10	2.01E-11	2.39E-06
780	0.75	0.024692711	3.383045965	-48.8829268	7.75	-10.1244452	-1.44987684	-19.6916028	10	1.90E-11	2.09E-06
781	0.25	0.024692711	3.383045965	-48.8829268	7.25	-10.1244452	-1.44987684	-19.6916028	10	2.09E-11	2.39E-06
782	0.686929718	-4.45E-21	-4.27E-19	-27.3219921	5.184874268	5.34E-20	2.68E-20	-21.653355	10	3.23E-11	7.17E-06
783	0.25	0.028310701	1.10736173	-48.9872996	2.25	-8.83058314	-4.42944692	29.1791985	10	1.56E-11	1.42E-05
784	0.749984844	0.023515428	1.608083948	-48.9729832	4.243269454	-10.4398291	-2.995274	14.63742381	10	4.54E-11	5.30E-06
785	0.263661886	9.44122243	1.259994035	-24.7253842	2.750037432	-0.02589957	-3.80759938	-48.8483524	10	5.28E-12	1.57E-06
786	0.25	-6.60632787	-0.73824115	-39.2958738	1.25	0.037842506	6.644170377	-48.5471359	10	1.57E-11	1.42E-06
787	0.750004259	0.022548919	2.429139714	-48.9386082	6.252059709	-10.9035868	-1.98582799	-5.01622702	10	2.70E-11	2.63E-06
788	0.736338114	9.650354758	3.891941441	24.45700831	8.249962568	-0.02647327	-1.28790414	-48.9832717	10	2.75E-11	1.65E-05
789	0.721473972	7.939919936	5.41756109	34.27254099	9.249883826	-0.03250958	-0.93480844	-48.9911324	10	1.64E-09	3.94E-05
790	0.752059709	11.08548849	2.018957041	-5.01622702	5.250004259	-0.0229251	-2.46966441	-48.9386082	10	6.07E-11	3.80E-06
791	0.251616098	-0.06298201	-11.7213477	-47.7063419	9.87412434	4.361730152	0.459829396	-45.3995177	10	2.30E-11	1.05E-06
792	0.75	-10.1244452	-3.38304596	19.45292685	7.75	0.024692711	1.449876842	-48.9783972	10	3.59E-10	1.20E-05
793	0.75	-0.02469271	-1.44987684	-48.9783972	3.75	10.12444518	3.383045965	19.45292685	10	1.92E-09	1.20E-05
794	0.75	10.82679393	2.712471198	9.684733406	6.75	-0.02309086	-1.80831413	-48.9664889	10	1.20E-10	7.00E-06
795	0.752059709	-11.0854885	-2.01895704	-5.01622702	5.250004259	0.022925097	2.469664413	-48.9386082	10	7.05E-11	3.80E-06
796	0.25	-10.8267939	-2.7124712	9.684733406	6.25	0.023090862	1.808314132	-48.9664889	10	4.26E-11	6.21E-06
797	0.751616098	0.057036033	10.61476477	-47.7063419	10.37412434	-3.94995017	-0.41641806	-45.3995177	10	5.37E-11	8.89E-07
798	0.243269454	10.43982915	2.995274003	14.63742381	6.749984844	-0.02351543	-1.60808395	-48.9729832	10	9.35E-11	5.30E-06

799	0.75	-10.8267939	-2.7124712	9.684733406	6.75	0.023090862	1.808314132	-48.9664889	10	1.66E-10	7.00E-06
800	0.644415487	1.18E-23	1.23E-21	-28.3942159	4.855584513	1.06E-22	3.63E-23	-20.6557841	10	3.05E-11	8.51E-06
801	0.743269454	-10.6295938	-3.04971907	14.63742381	7.249984844	0.023942867	1.637314075	-48.9729832	10	2.89E-11	8.93E-06
802	0.250037432	-0.02647327	-3.89194144	-48.8483524	7.763661886	9.650354758	1.287904138	-24.7253842	10	1.44E-11	2.07E-06
803	0.236338114	9.44122243	3.807599384	24.45700831	7.749962568	-0.02589957	-1.25999404	-48.9832717	10	8.38E-11	8.50E-06
804	0.252059709	-10.9035868	-1.98582799	-5.01622702	4.750004259	0.022548919	2.429139714	-48.9386082	10	1.75E-11	2.63E-06
805	0.750037432	-0.02589957	-3.80759938	-48.8483524	8.263661886	9.44122243	1.259994035	-24.7253842	10	1.98E-11	1.57E-06
806	0.748383902	-0.05703603	-0.41641806	-48.9972882	1.12587566	3.949950174	10.61476477	44.0031478	10	6.90E-10	2.46E-05
807	0.25	-10.8267939	-1.80831413	-9.89351106	4.25	0.023090862	2.712471198	-48.9247334	10	6.32E-11	3.22E-06
808	0.75	-0.02469271	-3.38304596	-48.8829268	7.75	10.12444518	1.449876842	-19.6916028	10	1.83E-11	2.09E-06
809	0.756730546	10.62959382	1.637314075	-14.8578948	4.250015156	-0.02394287	-3.04971907	-48.9065458	10	7.02E-12	2.75E-06
810	0.75	8.830583135	1.10736173	-29.4927004	2.75	-0.0283107	-4.42944692	-48.7991985	10	2.75E-11	1.54E-06
811	0.25	0.037842506	6.644170377	-48.5471359	9.25	-6.60632787	-0.73824115	-39.2958738	10	1.65E-11	1.42E-06
812	0.256730546	10.43982915	1.608083948	-14.8578948	3.750015156	-0.02351543	-2.995274	-48.9065458	10	9.67E-12	2.00E-06
813	0.249883826	-0.03250958	-0.93480844	-48.9911324	1.721473972	7.939919936	5.41756109	34.27254099	10	1.58E-09	3.94E-05
814	0.25	11.0509949	2.214723459	-0.10020471	5.25	-0.0226224	-2.21472346	-48.9497953	10	2.25E-11	4.57E-06
815	0.778526028	7.939919936	0.93480844	-34.6725683	2.250116174	-0.03250958	-5.41756109	-48.7088403	10	3.36E-11	1.60E-06
816	0.75	-0.0283107	-4.42944692	-48.7991985	8.75	8.830583135	1.10736173	-29.4927004	10	1.46E-11	1.54E-06
817	0.747940291	-11.0854885	-2.46966441	4.813772189	6.249995741	0.022925097	2.018957041	-48.9589369	10	1.38E-11	5.57E-06
818	0.75	10.12444518	3.383045965	19.45292685	7.75	-0.02469271	-1.44987684	-48.9783972	10	7.58E-10	1.20E-05
819	0.743269454	10.62959382	3.049719069	14.63742381	7.249984844	-0.02394287	-1.63731407	-48.9729832	10	4.45E-11	8.93E-06
820	0.25	-0.03784251	-0.73824115	-48.9941262	1.25	6.606327871	6.644170377	38.73713589	10	3.44E-10	2.60E-05
821	0.243269454	-10.4398291	-2.995274	14.63742381	6.749984844	0.023515428	1.608083948	-48.9729832	10	2.50E-11	5.30E-06
822	0.75	10.12444518	1.449876842	-19.6916028	3.75	-0.02469271	-3.38304596	-48.8829268	10	1.38E-11	2.09E-06
823	0.278526028	-7.68598085	-0.90491086	-34.6725683	1.750116174	0.031469837	5.244293536	-48.7088403	10	1.80E-11	1.25E-06
824	0.25	-10.1244452	-3.38304596	19.45292685	7.25	0.024692711	1.449876842	-48.9783972	10	1.55E-09	8.95E-06