#	t0	x0	v0	w0	t1	x1	v1	w1	р	r min	r max
1	0.238901964	0.162231245		-4.195369786	0.838249626	-1.181926459		-1.44897466	1		4.41E-05
2	0.238901964					1.181926459	2.242701171	-1.44897466	1		4.41E-05
3	0.139465542			-4.061731792	0.269892292	0.270593145	6.085300207	-1.996672643	1		2.43E-05
4	0.139465542	0.523092783		-4.061731792			-6.085300207	-1.996672643	1		2.43E-05
5	0.269892292			-1.996672643		0.523092783	0.912730386	-4.061731792	1		2.43E-05
6	0.838249626	-1.181926459	-2.242701171	-1.44897466	1.238901964	0.162231245	3.354922903	-4.195369786	1		4.41E-05
7	0.269892292	0.270593145	6.085300207	-1.996672643	1.139465542	-0.523092783	-0.912730386	-4.061731792	1	7.15E-12	2.43E-05
8	0.838249626	1.181926459	2.242701171	-1.44897466	1.238901964	-0.162231245	-3.354922903	-4.195369786	1	1.41E-11	4.41E-05
9	0.777750419	0.040981884	1.566045976	-9.553281941	1.777750419	-1.525064092	-1.566045976	-0.256718059	2	9.16E-13	3.33E-05
10	0.222249581	0.040981884	1.566045976	-9.553281941	1.222249581	-1.525064092	-1.566045976	-0.256718059	2	2.34E-11	3.53E-05
11	0.772061083	0.032076507	0.42734588	-9.650681244	1.127820036	-0.67058313	-1.975100358	5.583667784	2	1.66E-11	5.12E-05
12	0.222249581	-0.040981884	-1.566045976	-9.553281941	1.222249581	1.525064092	1.566045976	-0.256718059	2	3.86E-11	3.53E-05
13	0.772061083	-0.032076507	-0.42734588	-9.650681244	1.127820036	0.67058313	1.975100358	5.583667784	2	2.24E-11	5.12E-05
14	0.780074108	0.03155469	1.829776179	-9.25211638	2.314706861	-0.819963212	-0.554867541	-5.413921834	2	1.01E-12	1.57E-05
15	0.780074108	-0.03155469	-1.829776179	-9.25211638	2.314706861	0.819963212	0.554867541	-5.413921834	2	4.20E-13	1.57E-05
16	0.777750419	-0.040981884	-1.566045976	-9.553281941	1.777750419	1.525064092	1.566045976	-0.256718059	2	4.33E-13	3.33E-05
17	0.219197492	0.059621405	1.142131345	-9.636622357	0.725056522	-1.646883832	-3.37347984	4.335422469	2	7.49E-11	6.78E-05
18	0.680836648	-6.14E-38	8.40E-37	-8.928287015	0.893024766	5.22E-37	4.05E-36	0.299474976	2	1.48E-11	3.47E-05
19	0.73524472	3.99E-31	7.27E-30	-8.987062703	1.101783671	-6.45E-30	-1.77E-29	2.546877251	2	3.46E-12	7.15E-05
20	0.219197492	-0.059621405	-1.142131345	-9.636622357	0.725056522	1.646883832	3.37347984	4.335422469	2	9.62E-11	6.78E-05
21	0.123108074	-0.726931036	-0.448607019	-8.881260314	0.233507752	0.120756931	7.678355479	-7.169324646	2	3.93E-11	7.92E-06
22	0.227576719	-0.07739724	-4.925822598	-8.873343741	1.944957287	1.314735942	0.810614262	-7.191643505	2	1.57E-11	1.02E-05
23	0.222249581	1.525064092	1.566045976	-0.256718059	1.222249581	-0.040981884	-1.566045976	-9.553281941	2	4.31E-11	3.53E-05
24	0.227576719	0.07739724	4.925822598	-8.873343741	1.944957287	-1.314735942	-0.810614262	-7.191643505	2	5.75E-12	1.02E-05
25	0.758266117	0.107740638	0.254525183	-9.643277849	0.835464805	-0.381660718	-6.339503504	4.900102929	2	9.93E-13	7.10E-06
26	0.123108074	0.726931036		-8.881260314			-7.678355479		2		7.92E-06
27	0.222249581			-0.256718059		0.040981884	1.566045976		2		3.53E-05
28	0.236177619	-7.57E-34	-4.44E-33	-4.905	1.236177619	3.68E-33	4.44E-33	-4.905	2		0.000125
29	0.758266117			-9.643277849		0.381660718	6.339503504		2		7.10E-06
	0.352473849	4.82E-36		-6.463498678		-5.39E-37	-2.98E-35	-6.062247064		9.74E-13	
31	0.944957287			-7.191643505		0.07739724		-8.873343741	2		1.02E-05
32	0.777750419	1.525064092		-0.256718059 -0.256718059		0.040981884	-1.566045976 -1.566045976	-9.553281941	2		3.33E-05 3.33E-05
34	0.314706861	0.819963212		-5.413921834		-0.03155469	-1.829776179	-9.25211638	2		1.57E-05
35	0.944957287			-7.191643505		-0.03133409		-8.873343741	2		1.02E-05
36	0.314706861			-5.413921834		0.03155469	1.829776179	-9.25211638	2		1.57E-05
37	0.805474808	-1.31E-36	-7.45E-35	-6.062247064		1.23E-35	8.28E-36	-6.463498678	2		3.16E-05
38	0.791766012			-14.55490141		2.099509068	1.495386375	0.603685512	3		1.21E-05
39	0.791766012	0.024404613		-14.55490141			-1.495386375		3		1.21E-05
40	0.20806545			-14.53488604		2.514825275		-1.098620952	3		1.36E-05
41	0.208102729	-0.028589279		-14.58836531		2.18613418	2.214723459	4.651730613	3		2.58E-05
42	0.206198387			-14.61205168		-2.005411263		9.1076317	3		5.44E-05
43	0.787128967	-0.036207546	-0.395478346	-14.61959358	1.075206568	1.036299038	3.722978052	10.99081594	3	2.44E-11	3.76E-05
44	0.208102729	0.028589279	1.10736173	-14.58836531	1.208102729	-2.18613418	-2.214723459	4.651730613	3	3.88E-12	2.58E-05
45	0.208102729	-0.028589279	-2.214723459	-14.46173061	2.208102729	2.18613418	1.10736173	-5.031634694	3	4.00E-12	9.44E-06
46	0.791897271	-0.028589279	-1.10736173	-14.58836531	1.791897271	2.18613418	2.214723459	4.651730613	3	1.41E-11	3.05E-05

47	0.00005545	0.000070074	1 011000500	44.50400504	1.000000001	2 54 4005075	4 50 4000570	1 000500050		4 405 40	4 005 05
47	0.20806545	0.029270074		-14.53488604		-2.514825275			3		1.36E-05
48	0.791897271			-14.46173061		2.18613418	1.10736173	-5.031634694	3		8.06E-06
49	0.791897271	0.028589279	1.10736173	-14.58836531		-2.18613418	-2.214723459	4.651730613	3	1.07E-11	3.05E-05
50	0.208102729	0.028589279	2.214723459	-14.46173061	2.208102729	-2.18613418	-1.10736173	-5.031634694	3	1.51E-12	9.44E-06
51	0.793420205	0.030107438	2.90341943	-14.192897	3.304217836	-1.390252226	-0.565700575	-10.017651	3	8.52E-12	4.79E-06
52	0.791897271	-2.18613418	-1.10736173	-5.031634694	1.791897271	0.028589279	2.214723459	-14.46173061	3	8.71E-13	8.06E-06
53	0.787128967	0.036207546	0.395478346	-14.61959358	1.075206568	-1.036299038	-3.722978052	10.99081594	3	1.76E-11	3.76E-05
54	0.206198387	-0.041163723	-0.825814912	-14.61205168	0.727949378	2.005411263	3.92251289	9.1076317	3	1.81E-10	5.44E-05
55	0.793420205	-0.030107438	-2.90341943	-14.192897	3.304217836	1.390252226	0.565700575	-10.017651	3	1.06E-11	4.79E-06
56	0.304217836	-1.390252226	-0.565700575	-10.017651	0.793420205	0.030107438	2.90341943	-14.192897	3	4.26E-12	4.79E-06
57	0.791897271	0.028589279	2.214723459	-14.46173061	2.791897271	-2.18613418	-1.10736173	-5.031634694	3	8.76E-13	8.06E-06
58	0.136321823	4.32E-47	1.47E-45	-4.203691521	2.317874289	-6.22E-47	-4.72E-46	-10.62953077	3	5.27E-12	2.80E-05
59	0.208102729	2.18613418	1.10736173	-5.031634694	1.208102729	-0.028589279	-2.214723459	-14.46173061	3	2.41E-12	9.44E-06
60	0.208102729	-2.18613418	-1.10736173	-5.031634694	1.208102729	0.028589279	2.214723459	-14.46173061	3	9.00E-13	9.44E-06
61	0.781118906	0.073226474	0.242899514	-14.61900169	0.875438298	-0.632561934	-7.48296181	10.83232394	3	2.10E-12	4.99E-06
62	0.407809735	-7.64E-44	-2.36E-44	-11.86108773	0.895800719	2.64E-44	1.66E-42	-4.763146084	3	4.90E-12	1.37E-05
63	0.781118906	-0.073226474	-0.242899514	-14.61900169	0.875438298	0.632561934	7.48296181	10.83232394	3	1.78E-12	4.99E-06
64	0.317874289	5.91E-45	4.91E-43	-10.62953077	1.136321823	-4.68E-44	-7.35E-44	-4.203691521	3	1.09E-11	2.80E-05
65	0.304217836	1.390252226	0.565700575	-10.017651	0.793420205	-0.030107438	-2.90341943	-14.192897	3	4.84E-12	4.79E-06
66	0.770048023	-1.02E-36	-1.39E-34	-8.854451029	2.226553395	3.48E-36	1.58E-34	-5.783885836	3	1.90E-11	2.66E-05
67	0.806223887	-0.020001893	-1.072334051	-19.52404236	2.182254941	2.793769355	2.044845746	5.938152662	4	1.25E-12	9.23E-06
68	0.806223887	0.020001893	1.072334051	-19.52404236	2.182254941	-2.793769355	-2.044845746	5.938152662	4	1.17E-12	9.23E-06
69	0.193497517	0.021497291	1.347726578	-19.51476541	1.801902049	-3.201719486	-2.003983895	3.685074387	4	2.49E-12	1.13E-05
70	0.193689198	-0.022280696	-2.289099647	-19.43525401	2.830746445	3.097631079	1.183103545	-6.34501613	4	4.60E-13	4.63E-06
71	0.193607357	0.020083493	1.566045976	-19.49419331	2.193607357	-3.11200846	-1.566045976	-0.125806693	4	1.38E-12	7.83E-06
72	0.193607357	-0.020083493	-1.566045976	-19.49419331	2.193607357	3.11200846	1.566045976	-0.125806693	4	1.72E-12	7.83E-06
73	0.193607357	-0.02324085	-0.904157066	-19.53594648	1.193607357	2.689230348	2.712471198	9.557839452	4	3.81E-12	1.85E-05
74	0.193607357	0.02324085	0.904157066	-19.53594648	1.193607357	-2.689230348	-2.712471198	9.557839452	4	2.05E-11	1.85E-05
75	0.806392643	0.020083493	1.566045976	-19.49419331	2.806392643	-3.11200846	-1.566045976	-0.125806693	4	6.81E-13	7.30E-06
76	0.192309521	0.032404703	0.687806074	-19.54656749	0.740709916	-2.34162647	-4.329010694	13.77801223	4	1.46E-11	3.85E-05
77	0.806392643	-0.02324085	-0.904157066	-19.53594648	1.806392643	2.689230348	2.712471198	9.557839452	4	3.58E-11	2.58E-05
78	0.806392643	-0.020083493	-1.566045976	-19.49419331	2.806392643	3.11200846	1.566045976	-0.125806693	4	1.60E-12	7.30E-06
79	0.806425679	-0.019429811	-1.820471734	-19.46232279	3.210235104	2.886390012	1.208839516	-4.066072143	4	2.09E-12	4.06E-06
80	0.193497517	-0.021497291	-1.347726578	-19.51476541	1.801902049	3.201719486	2.003983895	3.685074387	4	1.48E-12	1.13E-05
81	0.192309521	-0.032404703	-0.687806074	-19.54656749	0.740709916	2.34162647	4.329010694	13.77801223	4	7.85E-12	3.85E-05
82	0.806392643	0.02324085	0.904157066	-19.53594648	1.806392643	-2.689230348	-2.712471198	9.557839452	4	7.87E-12	2.58E-05
83	0.801212803	-0.040809785	-0.302987256	-19.55186449	0.997362641	1.111708339	5.875702653	16.37444721	4	7.68E-12	3.57E-06
84	0.806425679	0.019429811	1.820471734	-19.46232279	3.210235104	-2.886390012	-1.208839516	-4.066072143	4	5.30E-13	4.06E-06
85	0.193689198	0.022280696	2.289099647	-19.43525401	2.830746445	-3.097631079	-1.183103545	-6.34501613	4	8.51E-13	4.63E-06
86	0.193607357	-0.02324085	-2.712471198	-19.36783945	3.193607357	2.689230348	0.904157066	-9.894053516	4	1.66E-12	3.67E-06
87	0.806392643	0.02324085	2.712471198	-19.36783945	3.806392643	-2.689230348	-0.904157066	-9.894053516	4	3.97E-11	3.05E-06
88	0.193607357	0.02324085	2.712471198	-19.36783945	3.193607357	-2.689230348	-0.904157066	-9.894053516	4	2.88E-12	3.67E-06
89	0.806392643	-0.02324085	-2.712471198	-19.36783945	3.806392643	2.689230348	0.904157066	-9.894053516	4	2.24E-11	3.05E-06
90	0.807447231	-0.026558351	-3.574799105	-19.13233099	4.28737512	1.832594964	0.534250529	-14.59097429	4	2.00E-12	2.06E-06
91	0.801212803	0.040809785	0.302987256	-19.55186449	0.997362641	-1.111708339	-5.875702653	16.37444721	4	1.22E-12	3.57E-06
92	0.807447231	0.026558351		-19.13233099	4.28737512		-0.534250529		4		2.06E-06
93	0.287164966	-4.08E-44	-2.05E-42	-11.28028656		-7.78E-44	6.36E-43	-8.776666228	4		1.06E-05
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94	0.193607357	-3.11200846	-1.566045976	-0.125806693	2.193607357	0.020083493	1.566045976	-19.49419331	4	1.33E-12	7.83E-06
95	0.806392643	3.11200846	1.566045976	-0.125806693	2.806392643	-0.020083493	-1.566045976	-19.49419331	4	1.64E-12	7.30E-06
96	0.210235104	2.886390012	1.208839516	-4.066072143	1.806425679	-0.019429811	-1.820471734	-19.46232279	4	1.03E-12	4.06E-06
97	0.806392643	-2.689230348	-0.904157066	-9.894053516	1.806392643	0.02324085	2.712471198	-19.36783945	4	2.99E-11	3.05E-06
98	0.178595843	0.01652408	1.711072836	-24.41818792	2.82837957	-4.004867142	-1.517629979	-1.564114965	5	1.22E-12	3.90E-06
99	0.821395625	-0.016362752	-1.278671185	-24.44130968	2.821395625	3.819650803	1.918006778	4.779464521	5	2.40E-12	6.67E-06
100	0.178604375	0.016362752	1.278671185	-24.44130968	2.178604375	-3.819650803	-1.918006778	4.779464521	5	7.28E-13	6.25E-06
101	0.178604375	-0.016362752	-1.278671185	-24.44130968	2.178604375	3.819650803	1.918006778	4.779464521	5		6.25E-06
102	0.821367359			-24.42993126	3.180845845	3.774959294	1.606510938	1.272123451	5		3.23E-06
103	0.178604375			-24.46209665	1.178604375	3.11200846	3.132091953	14.46338661	5		1.37E-05
104	0.178604375	0.020083493		-24.46209665	1.178604375	-3.11200846	-3.132091953		5		1.37E-05
105	0.821367359	0.015568702	1.435522482	-24.42993126			-1.606510938		5		3.23E-06
106	0.178595843	-0.01652408		-24.41818792	2.82837957	4.004867142	1.517629979	-1.564114965	5		3.90E-06
	0.821449514										
107		0.016524838	2.180568103	-24.37008727	4.200059424		-1.046451531	-8.693505617 -4.98869032	5		1.79E-06
108	0.178604375	0.016362752		-24.39946452			-1.278671185		5		3.11E-06
109	0.821395625	0.016362752		-24.44130968	2.821395625		-1.918006778	4.779464521	5		6.67E-06
110	0.822167123	0.023559186	4.067513555	-24.06864559	5.268555248		-0.506438876		5		1.06E-06
111	0.178503541	0.017678517	1.126829672	-24.45042534	1.810469796		-2.325538501	8.361504679	5		9.44E-06
112	0.821395625	0.020083493	3.132091953	-24.27338661	4.821395625	-3.11200846		-14.77790335	5	1.39E-12	1.44E-06
113	0.821243443	-0.017442226	-0.911684035	-24.45635342	2.160269341	3.320209415	2.49259678	11.20147224	5	1.14E-11	7.21E-06
114	0.177662535	0.027071047	0.608890765	-24.46787697	0.756684361	-2.664821737	-4.649035084	18.4086471	5	3.97E-12	2.83E-05
115	0.821395625	-0.016362752	-1.918006778	-24.39946452	3.821395625	3.819650803	1.278671185	-4.98869032	5	2.05E-12	2.71E-06
116	0.178697836	0.018815534	2.697548116	-24.33562009	3.851625025	-3.561027227	-0.974656609	-11.57484097	5	5.63E-12	2.08E-06
117	0.821449514	-0.016524838	-2.180568103	-24.37008727	4.200059424	3.519026674	1.046451531	-8.693505617	5	2.57E-13	1.79E-06
118	0.178503541	-0.017678517	-1.126829672	-24.45042534	1.810469796	3.777521842	2.325538501	8.361504679	5	2.96E-12	9.44E-06
119	0.821395625	-0.020083493	-0.783022988	-24.46209665	1.821395625	3.11200846	3.132091953	14.46338661	5	1.48E-11	2.23E-05
120	0.821243443	0.017442226	0.911684035	-24.45635342	2.160269341	-3.320209415	-2.49259678	11.20147224	5	9.59E-12	7.21E-06
121	0.178604375	-0.016362752	-1.918006778	-24.39946452	3.178604375	3.819650803	1.278671185	-4.98869032	5	2.03E-12	3.11E-06
122	0.821395625	0.020083493	0.783022988	-24.46209665	1.821395625	-3.11200846	-3.132091953	14.46338661	5	9.96E-12	2.23E-05
123	0.178697836	-0.018815534	-2.697548116	-24.33562009	3.851625025	3.561027227	0.974656609	-11.57484097	5	3.43E-12	2.08E-06
124	0.178604375	-0.020083493	-3.132091953	-24.27338661	4.178604375	3.11200846	0.783022988	-14.77790335	5	3.24E-13	1.76E-06
125	0.178604375	0.020083493	3.132091953	-24.27338661	4.178604375	-3.11200846	-0.783022988	-14.77790335	5	1.70E-12	1.76E-06
126	0.821395625	0.016362752	1.918006778	-24.39946452	3.821395625	-3.819650803	-1.278671185	-4.98869032	5	5.72E-13	2.71E-06
127	0.177662535	-0.027071047	-0.608890765	-24.46787697	0.756684361	2.664821737	4.649035084	18.4086471	5	4.59E-12	2.83E-05
128	0.822167123	-0.023559186	-4.067513555	-24.06864559	5.268555248	2.228264619	0.506438876	-19.15088738	5	5.50E-10	1.06E-06
129	0.821395625	-0.020083493	-3.132091953	-24.27338661	4.821395625	3.11200846	0.783022988	-14.77790335	5	1.23E-12	1.44E-06
130	0.200059424	3.519026674	1.046451531	-8.693505617	1.821449514	-0.016524838	-2.180568103	-24.37008727	5	7.59E-13	1.79E-06
131	0.162884593	-0.013341027	-1.566045976	-29.34642936	3.162884593	4.684796902	1.566045976	-0.083570644	6		2.65E-06
132				-29.34642936		4.684796902	1.566045976	-0.083570644	6		2.48E-06
133		0.013341027		-29.34642936			-1.566045976		6		2.65E-06
134		-0.013682398		-29.35461031		4.747731053	1.780406806	3.100972475	6		3.30E-06
135				-29.30459925		4.415291568	1.10736173	-9.872700374	6		1.52E-06
136		-0.014155351		-29.36729963		4.415291568	2.214723459	9.684599252	6		4.79E-06
137		0.015750177		-29.37654797	2.14025363		-2.890614898		6		5.70E-06
138	0.837079557	0.013416224		-29.36182978			-1.930654878		6		2.61E-06
139	0.837079557			-29.36182978		4.468984857	1.930654878	6.546121782	6		2.61E-06
140	0.837115407	-0.014155351	-1.10/36173	-29.36729963	2.837115407	4.415291568	2.214723459	9.684599252	6	8.53E-12	5.75E-06

141	0.162896925	-0.013978507	-2.015971496	-29.3216202	3.849260057	4.650247471	1.265264927	-6.801243702	6	5.30E-12	1.79E-06
142	0.162798351	-0.01528912	-0.992447103	-29.37218947	1.822921332	4.291809256	2.594445367	12.99306584	6	3.85E-12	7.97E-06
143	0.837115407	0.014155351	1.10736173	-29.36729963	2.837115407	-4.415291568	-2.214723459	9.684599252	6	1.08E-11	5.75E-06
144	0.837115407	0.017939947	0.700357052	-29.37974253	1.837115407	-3.483845312	-3.501785259	19.36871263	6	9.91E-12	1.96E-05
145	0.837115407	0.013341027	1.566045976	-29.34642936	3.837115407	-4.684796902	-1.566045976	-0.083570644	6	8.09E-13	2.48E-06
146	0.837115409	-0.013153776	-1.715595942	-29.33597769	4.170504875	4.561672436	1.372424752	-3.345765658	6	8.71E-13	1.49E-06
147	0.162862899	0.013682398	1.43171993	-29.35461031			-1.780406806	3.100972475	6		3.30E-06
148	0.162884593	0.014155351	1.10736173	-29.36729963			-2.214723459	9.684599252	6		4.79E-06
149	0.837115409	0.013153776		-29.33597769			-1.372424752		6		1.49E-06
150	0.162884593	-0.017939947		-29.37974253		3.483845312	3.501785259	19.36871263	6		1.04E-05
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152	0.837168918	0.014563983	2.476846369	-29.27798868			-0.939881831		6		9.45E-07
153	0.16297439	0.016678791	3.068417834	-29.2356583	4.871144772	-3.947194249	-0.841913677	-16.810475	6		1.10E-06
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155	0.162884593	0.014155351	2.214723459	-29.30459925	4.162884593	-4.415291568	-1.10736173	-9.872700374	6	2.14E-12	1.52E-06
156	0.837115407	-0.014155351	-2.214723459	-29.30459925	4.837115407	4.415291568	1.10736173	-9.872700374	6	1.27E-12	1.27E-06
157	0.836980566	-0.015750177	-0.802103376	-29.37654797	2.14025363	3.751510357	2.890614898	16.45226117	6	1.29E-12	5.70E-06
158	0.162884593	0.017939947	0.700357052	-29.37974253	1.162884593	-3.483845312	-3.501785259	19.36871263	6	6.26E-12	1.04E-05
159	0.837115407	-0.017939947	-0.700357052	-29.37974253	1.837115407	3.483845312	3.501785259	19.36871263	6	8.61E-12	1.96E-05
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161	0.162171428	-0.023390542	-0.557570801	-29.38323435	0.774416824	2.980664108	4.906618605	23.0123353	6	4.01E-11	2.14E-05
162	0.837115407	0.017939947	3.501785259	-29.17871263	5.837115407	-3.483845312	-0.700357052	-19.67025747	6	3.08E-13	7.70E-07
163	0.837702708	-0.021135198	-4.4513355	-29.00217523	6.248603259	2.601144092	0.484628994	-23.69751285	6	6.33E-13	5.99E-07
164	0.16297439	-0.016678791	-3.068417834	-29.2356583	4.871144772	3.947194249	0.841913677	-16.810475	6	6.59E-13	1.10E-06
165	0.837115407	0.014155351	2.214723459	-29.30459925	4.837115407	-4.415291568	-1.10736173	-9.872700374	6	4.12E-13	1.27E-06
166	0.837115407	-0.017939947	-3.501785259	-29.17871263	5.837115407	3.483845312	0.700357052	-19.67025747	6	3.20E-13	7.70E-07
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169	0.162884593	-0.017939947		-29.17871263		3.483845312	0.700357052	-19.67025747	6		9.81E-07
170				-29.27798868		4.073457241		-13.29633259	6		9.45E-07
	0.146128111		-1.259928338		2.85029196	5.400545901	2.001522838	7.71449891	7		2.83E-06
172	0.145594607	0.020646723		-34.29539529		-3.29356565	-5.114148638		7		1.65E-05
173	0.85381362			-34.28185682		5.05128901	2.216324848	11.8139157	7		2.13E-06
174		-0.011545431		-34.2723667	3.146151122	5.413396965	1.808314132	4.821488937	7		2.28E-06
175	0.146151122	0.011545431		-34.2723667	3.146151122		-1.808314132		7		2.28E-06
176			-1.356235599	-34.2723667	3.853848878	5.413396965	1.808314132		7		2.33E-06
177	0.853727966	-0.014547405		-34.2912414	2.120374356	4.116370205	3.261302949	21.71112981	7		4.55E-06
178	0.853838465	-0.011292348		-34.26740346		5.386676046	1.638810866	1.946445213	7		1.22E-06
179	0.853848878	0.011545431	1.808314132	-34.25148894	4.853848878	-5.413396965	-1.356235599	-4.967633297	7	7.05E-13	1.17E-06
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181	0.146148086	-0.011597495	-1.68606361	-34.25879016	3.858853223	5.53099075	1.492870573	-2.15411493	7	1.93E-12	1.54E-06
182	0.853838465	0.011292348	1.456482555	-34.26740346	4.147670906	-5.386676046	-1.638810866	1.946445213	7	4.66E-13	1.22E-06
183	0.146148086	0.011597495	1.68606361	-34.25879016	3.858853223	-5.53099075	-1.492870573	-2.15411493	7	1.42E-12	1.54E-06
184	0.146077618	-0.013604495	-0.900542095	-34.28776929	1.83780476	4.766718666	2.82570578	17.59095701	7	3.07E-12	6.81E-06
185	0.853848878	-0.016362752	-0.639335593	-34.29315484	1.853848878	3.819650803	3.836013556	24.27392904	7	6.16E-11	1.75E-05
186	0.853848878	0.016362752	0.639335593	-34.29315484	1.853848878	-3.819650803	-3.836013556	24.27392904	7	3.95E-11	1.75E-05
187	0.853848878	0.011545431	1.356235599	-34.2723667	3.853848878	-5.413396965	-1.808314132	4.821488937	7	1.42E-12	2.33E-06

188	0.146128111	0.011899802	1.259928338	-34.27667588	2.85029196	-5.400545901	-2.001522838	7.71449891	7	1.49E-12	2.83E-06
189	0.853848878	-0.012652797	-0.990454441	-34.28487193	2.853848878	4.939619409	2.476136103	14.58967981	7	3.38E-12	5.06E-06
190	0.853848878	0.012652797	0.990454441	-34.28487193	2.853848878	-4.939619409	-2.476136103	14.58967981	7	1.70E-12	5.06E-06
191	0.853857055	0.011571033	1.949337533	-34.24210974	5.156573303	-5.24634542	-1.221999349	-7.932877378	7	1.72E-12	7.94E-07
192	0.146151122	0.012652797	0.990454441	-34.28487193	2.146151122	-4.939619409	-2.476136103	14.58967981	7	1.58E-12	3.76E-06
193	0.853848878	-0.016362752	-3.836013556	-34.08392904	6.853848878	3.819650803	0.639335593	-24.56684516	7	1.21E-12	4.73E-07
194	0.853848878	-0.012652797	-2.476136103	-34.20967981	5.853848878	4.939619409	0.990454441	-14.76512807	7	2.59E-12	7.04E-07
195	0.146169148	-0.012374871	-2.28794044	-34.22495032	4.869059184	5.197517101	1.103115239	-12.04961098	7	2.74E-13	9.56E-07
196	0.853727966	0.014547405	0.720506337	-34.2912414	2.120374356	-4.116370205	-3.261302949	21.71112981	7	6.06E-12	4.55E-06
197	0.146151122	0.016362752	0.639335593	-34.29315484	1.146151122	-3.819650803	-3.836013556	24.27392904	7	1.03E-11	8.03E-06
198	0.146077618	0.013604495	0.900542095	-34.28776929	1.83780476	-4.766718666	-2.82570578	17.59095701	7	8.90E-12	6.81E-06
199	0.146151122	-0.012652797	-0.990454441	-34.28487193	2.146151122	4.939619409	2.476136103	14.58967981	7	8.96E-13	3.76E-06
200	0.85381362	0.012006376	1.073766186	-34.28185682	3.138359313	-5.05128901	-2.216324848	11.8139157	7		2.13E-06
201	0.853897835	0.013121086	2.729881658	-34.18600785	6.17115058	-4.58057978	-0.863923738		7		5.49E-07
202	0.853857055			-34.24210974		5.24634542		-7.932877378	7		7.94E-07
203	0.853848878			-34.25148894	4.853848878	5.413396965	1.356235599	-4.967633297	7		1.17E-06
204	0.146151122			-34.20967981		4.939619409	0.990454441	-14.76512807	7		8.45E-07
205	0.146169148	0.012374871	2.28794044	-34.22495032	4.869059184		-1.103115239		7		9.56E-07
206	0.146151122	0.011545431					-1.356235599		7		1.33E-06
207	0.145594607			-34.29539529		3.29356565	5.114148638	27.58945945	7		1.65E-05
207	0.143394607	0.012652797	2.476136103	-34.29339329			-0.990454441		7		7.04E-07
209	0.146151122	0.016362752		-34.08392904			-0.639335593		7		5.85E-07
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211	0.853897835		-2.729881658		6.17115058	4.58057978	0.863923738		7		5.49E-07
212	0.146151122	0.012652797		-34.20967981		-4.939619409	-0.990454441		7		8.45E-07
213	0.146234798	0.015214274		-34.13515383	5.890820616		-0.746834564	-22.063061	7		6.47E-07
214	0.146234798		-3.417402245	-34.13515383		4.275040969	0.746834564	-22.063061	7		6.47E-07
215	0.146151122			-34.29315484		3.819650803	3.836013556	24.27392904	7		8.03E-06
216	0.146151122			-34.08392904		3.819650803	0.639335593	-24.56684516	7		5.85E-07
217	0.127942046	0.010322137	1.213053997	-39.18991476	3.127942046	-6.054947849	-2.021756662	9.726524605	8	3.38E-13	1.82E-06
218	0.872057954	0.011545431		-39.19824447		-5.413396965		19.49473341	8		4.51E-06
219	0.127878897	0.012326086	0.833365956	-39.2000521	1.854936288	-5.215330731	-3.026915518	22.15246999	8		5.87E-06
220	0.127942046	0.0099933	1.566045976	-39.17740013	4.127942046	-6.254190606	-1.566045976	-0.062599866	8	4.89E-13	1.17E-06
221	0.127942046	-0.010322137	-1.213053997	-39.18991476	3.127942046	6.054947849	2.021756662	9.726524605	8	4.53E-13	1.82E-06
222	0.872057954	-0.0099933	-1.566045976	-39.17740013	4.872057954	6.254190606	1.566045976	-0.062599866	8	1.54E-13	1.08E-06
223	0.872045079	0.010075496	1.284349307	-39.1872378	4.125959698	-6.085555973	-1.873322501	7.242139855	8	5.56E-13	1.01E-06
224	0.127942046	0.015139666	0.591909742	-39.20415474	1.127942046	-4.128228529	-4.143368195	29.17908316	8	1.75E-12	6.21E-06
225	0.872056048	-0.009920351	-1.655798806	-39.1730411	5.132431293	6.182145852	1.453408643	-2.613055596	8	1.92E-12	6.65E-07
226	0.872056048	0.009920351	1.655798806	-39.1730411	5.132431293	-6.182145852	-1.453408643	-2.613055596	8	1.64E-12	6.65E-07
227	0.872045079	-0.010075496	-1.284349307	-39.1872378	4.125959698	6.085555973	1.873322501	7.242139855	8	7.38E-13	1.01E-06
228	0.127934929	-0.010105464	-1.482788883	-39.18114674	3.873266524	6.298669549	1.684436972	2.431440198	8	5.57E-13	1.33E-06
229	0.127920348	-0.010641649	-1.141462737	-39.19240176	2.866302264	5.99529933	2.193244464	12.28501657	8	1.22E-12	2.44E-06
230	0.872057954	-0.011545431	-0.904157066	-39.19824447	2.872057954	5.413396965	2.712471198	19.49473341	8	2.13E-12	4.51E-06
231	0.127942046	0.011545431	0.904157066	-39.19824447	2.127942046	-5.413396965	-2.712471198	19.49473341	8	2.04E-12	2.97E-06
232	0.127942046	-0.011545431	-0.904157066	-39.19824447	2.127942046	5.413396965	2.712471198	19.49473341	8	7.80E-12	2.97E-06
233	0.127934929	0.010105464	1.482788883	-39.18114674	3.873266524	-6.298669549	-1.684436972	2.431440198	8	5.99E-13	1.33E-06
234	0.127920348	0.010641649	1.141462737	-39.19240176	2.866302264	-5.99529933	-2.193244464	12.28501657	8	6.49E-13	2.44E-06

235	0.871947996	-0.013658417	-0.655917093	-39.20297161	2.099548332	4.428474282	3.618549596	26.99296327	8	4.02E-12	3.58E-06
236	0.872024851	-0.011000653	-0.967445096	-39.19646875	3.117653215	5.556037968	2.479056068	17.09883792	8	9.45E-13	1.71E-06
237	0.872057954	0.0099933	1.566045976	-39.17740013	4.872057954	-6.254190606	-1.566045976	-0.062599866	8	3.09E-13	1.08E-06
238	0.127942046	-0.0099933	-1.566045976	-39.17740013	4.127942046	6.254190606	1.566045976	-0.062599866	8	4.81E-13	1.17E-06
239	0.872057954	-0.010322137	-1.213053997	-39.18991476	3.872057954	6.054947849	2.021756662	9.726524605	8	3.65E-13	2.07E-06
240	0.872057954	-0.010322137	-2.021756662	-39.1565246	5.872057954	6.054947849	1.213053997	-9.860085237	8	8.21E-13	6.30E-07
241	0.127942046	0.011545431		-39.11473341	6.127942046	-5.413396965		-19.66175553	8		5.30E-07
242	0.872024851	0.011000653	0.967445096	-39.19646875	3.117653215		-2.479056068	17.09883792	8		1.71E-06
243	0.871947996	0.013658417	0.655917093	-39.20297161			-3.618549596	26.99296327	8		3.58E-06
244	0.127945314		-1.911781674	-39.16290257		6.199239023		-7.429602595	8		8.45E-07
245	0.127945314	0.010269604	1.911781674	-39.16290257	4.879923476	-6.199239023	-1.306720783	-7.429602595	8	2.11E-12	8.45E-07
246	0.872057954	0.015139666	0.591909742	-39.20415474	1.872057954	-4.128228529	-4.143368195	29.17908316	8	2.03E-10	1.57E-05
247	0.127497965	0.018485663	0.495882987	-39.20563857	0.814621312	-3.607845458	-5.277554809	32.13362008	8	1.38E-11	1.28E-05
248	0.872057954	0.011545431	2.712471198	-39.11473341	6.872057954	-5.413396965	-0.904157066	-19.66175553	8	1.89E-13	4.07E-07
249	0.127878897	-0.012326086	-0.833365956	-39.2000521	1.854936288	5.215330731	3.026915518	22.15246999	8	1.18E-10	5.87E-06
250	0.872057954	0.010322137	1.213053997	-39.18991476	3.872057954	-6.054947849	-2.021756662	9.726524605	8	2.27E-12	2.07E-06
251	0.872057954	-0.015139666	-0.591909742	-39.20415474	1.872057954	4.128228529	4.143368195	29.17908316	8	1.93E-10	1.57E-05
252	0.127961472	-0.011254469	-2.539362279	-39.1280993	5.889405727	5.673249549	0.986645668	-17.32324612	8	2.20E-13	5.72E-07
253	0.872057954	-0.011545431	-2.712471198	-39.11473341	6.872057954	5.413396965	0.904157066	-19.66175553	8	2.66E-13	4.07E-07
254	0.872068637	0.010426305	2.151441323	-39.14833122	6.140012465	-5.86743224	-1.115778516	-12.48607013	8	2.68E-13	4.50E-07
255	0.127942046	0.010322137	2.021756662	-39.1565246	5.127942046	-6.054947849	-1.213053997	-9.860085237	8	1.71E-13	7.47E-07
256	0.128019595	-0.014151037	-3.755175798	-39.03383595	6.911624654	4.553625804	0.673355362	-27.34413372	8	5.05E-13	4.07E-07
257	0.127961472	0.011254469	2.539362279	-39.1280993	5.889405727	-5.673249549	-0.986645668	-17.32324612	8		5.72E-07
258	0.127942046		-0.591909742		1.127942046	4.128228529	4.143368195	29.17908316	8		6.21E-06
259	0.127942046			-39.11473341	6.127942046	5.413396965	0.904157066	-19.66175553	8		5.30E-07
260	0.127942046	0.015139666	4.143368195	-38.98908316	7.127942046		-0.591909742		8		3.87E-07
261	0.872068637		-2.151441323	-39.14833122	6.140012465	5.86743224	1.115778516	-12.48607013	8		4.50E-07
		0.014151037									4.07E-07
262	0.128019595			-39.03383595			-0.673355362		8		
263	0.127942046	-0.010322137		-39.1565246	5.127942046	6.054947849	1.213053997	-9.860085237	8		7.47E-07
264		0.010322137	2.021756662	-39.1565246	5.872057954		-1.213053997	-9.860085237	8		6.30E-07
265		0.015139666		-38.98908316			-0.591909742		8		3.02E-07
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267	0.127497965	-0.018485663	-0.495882987	-39.20563857	0.814621312	3.607845458	5.277554809	32.13362008	8	3.04E-11	1.28E-05
268	0.127942046	-0.015139666	-4.143368195	-38.98908316	7.127942046	4.128228529	0.591909742	-29.46584526	8	1.57E-12	3.87E-07
269	0.872426988	-0.017482002	-5.003723856	-38.86349519	8.204931043	3.322483383	0.455501335	-32.72613894	8	3.68E-13	2.42E-07
270	0.107434692	0.009053105	1.342509165	-44.09700839	3.891447018	-6.993458153	-1.850551916	6.957686123	9	4.66E-13	1.17E-06
271	0.107442818	0.00893542	1.400714104	-44.09493613	4.107442818	-6.994635098	-1.750892629	4.842420158	9	6.82E-13	1.06E-06
272	0.892557182	0.00893542	1.400714104	-44.09493613	4.892557182	-6.994635098	-1.750892629	4.842420158	9	4.69E-13	1.04E-06
273	0.107442818	-0.009420098	-1.10736173	-44.10327417	3.107442818	6.634750279	2.214723459	14.63154835	9	9.82E-13	1.48E-06
274	0.892557182	-0.01068573	-2.929803748	-44.01977163	7.892557182	5.848921765	0.837086785	-24.56077953	9	1.10E-13	2.63E-07
275	0.107442818	-0.00893542	-1.400714104	-44.09493613	4.107442818	6.994635098	1.750892629	4.842420158	9	1.80E-12	1.06E-06
276	0.892543982	0.00920679	1.158311623	-44.10175834	4.103133807	-6.696734307	-2.088694435	12.57113946	9	9.18E-13	8.19E-07
277		0.009420098	1.10736173	-44.10327417			-2.214723459		9		1.48E-06
278	0.892557182	0.014155351		-44.11364981			-4.429446918	34.0841985	9		8.44E-06
279	0.107442818			-44.11364981		4.415291568	4.429446918	34.0841985	9		4.79E-06
280											
	0.107434692		-1.342509165	-44.09700839		6.993458153	1.850551916	6.957686123	9		1.17E-06
281	0.892557182	0.01068573	0.837086785	-44.10922047	2.892557182	-5.848921765	-2.929803748	24.39977163	9	5.1/E-13	4.06E-06

28.2 10.1013/2019 0.000868358 1 0.00286350 1 0.0												
280 0.00000000000000000000000000000000000	282	0.107388027	-0.011303372	-0.782380978	-44.11036481	1.874848219	5.647298197	3.201544	26.66448651	9	9.63E-13	5.06E-06
28.8 0.008352188 0.008840084 0.46075388 0.40025788 0.40025788 0.40025788 0.40025788 0.40025788 0.4002500888 0.4002500888 0.4002500888 0.4	283	0.107422995	0.009686398	1.054328245	-44.10476082	2.885384817	-6.550384196	-2.361468953	16.80306742	9	7.32E-13	2.15E-06
288 0.00085712 0.01008573 0.81000708 0.4100100000 0.820517012 0.280517018 0.010000000 0.1100100000 0.110010000 0.110010000 0.110010000 0.110010000 0.110010000 0.110010000 0.110010000 0.110010000 0.010010000 0.01000000 0.010000000 0.01000000 0.01000000 0.01000000 0.01000000 0.01000000 0.01000000 0.01000000 0.01000000 0.01000000 0.01000000 0.01000000 0.01000000 0.01000000 0.01000000 0.01000000 0.0100000000 0.010000000 0.0100000000 0.010000000000 0.010000000000000000000000000000000000	284	0.892557182	-0.00893542	-1.400714104	-44.09493613	4.892557182	6.994635098	1.750892629	4.842420158	9	3.99E-13	1.04E-06
280 0.00042000 2.1472345 4.6154285 6.89257120 6.63453070 1.01736170 4.017368270 0.010388277 0.010388277 0.010388277 0.010388270 0.010388270 0.2173382070 4.110354801 1.87448219 5.447298179 2.92801748 0.266448581 9.7 6.7 2.0104200	285	0.892552165	-0.008840964	-1.460753898	-44.09267653	5.108529178	6.979439264	1.657570761	2.726892153	9	3.02E-12	5.49E-07
288 0.10738807 0.01303372 0.7623807 4.411036801 1.97404218 5.64728917 2.01544281 0.107442818 0.107442818 0.107442818 0.010442818 0.010442818 0.010442818 0.010442818 0.010442818 0.010442818 0.010442818 0.010442818 0.010442818 0.010442818 0.010442818 0.010442818 0.010442818 0.010442818 0.010442818 0.010442818 0.010442818 0.010442818 0.000833681 0.000833	286	0.892557182	-0.01068573	-0.837086785	-44.10922047	2.892557182	5.848921765	2.929803748	24.39977163	9	1.65E-12	4.06E-06
289 0.107442818 0.01068878 0.430708978 4.10922074 2.10742818 5.48892176 2.92803782 2.39971753 0.08175378 0.08175378 0.08830884 1.460753888 4.000267853 5.69820718 6.979430826 6.155730761 2.72882153 9 0.051-12 5.80-27 239 0.02752782 0.008935838 1.68048017 4.08855526 8.89525644 7.07040388 1.47760162 2.888125050 9 2.441-12 7.470 230 0.107442816 0.00895383 0.8094007 4.01875804 6.00902018 1.43249373 7.12254893 0.9 2.441-12 7.470 230 0.0245039 0.00986688 1.6813123 4.1017500 2.88134810 6.55084109 2.561468953 1.68304072 9 1.111-12 1.872-12 230 0.017412819 0.00986083 1.0193127 4.11037201 3.89557182 6.63750279 2.12732368 1.6814383 9 1.111-12 1.852-02 230 0.017412819 0.00986038 1.00173703 44.11032741	287	0.892557182	0.009420098	2.214723459	-44.06154835	6.892557182	-6.634750279	-1.10736173	-14.75672583	9	1.89E-13	3.68E-07
290 0.892552165 0.008840966 1.46075389 4.40926705 5.0582718 6.97943906 1.657877061 2.756891353 0.9 3.051-10 5.851-20 291 0.025257182 0.00893582 1.750982029 4.082552016 5.892557182 6.994635085 1.40701406 4.95505603 9 1.771-13 5.851-07 292 0.10744198 0.01086373 0.33006878 4.40785561 1.01742281 5.99670340 2.98970340 2.99716163 2.88192205 9 7.481-13 2.0006200 293 0.0242008 0.009826660 1.15811613 4.41017834 4.01313300 6.66973400 2.08689438 1.9712546 9 9.111-13 1.911-12	288	0.107388027	0.011303372	0.782380978	-44.11036481	1.874848219	-5.647298197	-3.201544	26.66448651	9	7.67E-13	5.06E-06
291 0.008935241 0.008935241 0.7589262 0.408255716 0.59463508 1.4077414281 0.008935883 1.6508017 4.08855556 0.89565544 0.767601588 0.4776710462 2.88812050 9 2.441-12 7.476-07 293 0.107442818 0.010685887 0.833706678 0.410922047 2.10742818 0.298003748 2.239907103 0.9 5.91-13 3.07-03 294 0.89354580 0.00893666 1.283660 1.2836203 4.10175884 4.10133807 6.69673407 2.28694303 1.25713906 9 5.91-13 3.87-02 297 0.89355618 0.10642095 0.1086838 1.05432045 4.1017582 2.86382617 6.5058840 2.1646893 1.68146836 4.1116411 1.254-12 1.256-12 1.2414161	289	0.107442818	-0.01068573	-0.837086785	-44.10922047	2.107442818	5.848921765	2.929803748	24.39977163	9	1.09E-12	2.30E-06
292 0.107441495 0.0089536883 0.86048017 44.08555528 8.486526544 7.007405388 1.477601462 2.883812505 9 2.44E12 7.007405818 0.107642818 0.00868578 0.83756878 44.10922047 2.107442818 5.248955869 0.00853666 1.828562043 44.07875644 6.10132126 6.90092004 2.123429137 7.122549931 9 7.81151 3.00-00 256 0.892558408 0.00942008 1.05432285 44.10476082 2.88538481 6.550384106 2.36146893 1.6316885 9 1.21421 1.856.06 267 0.89255712 0.00942008 1.1076173 44.10372471 3.89257128 6.63493771 2.47652349 1.46154885 9 2.3761.2 1.7476016 2.288192505 9 2.3761.2 1.7476016 2.288192505 9 2.836191 9 2.381612 1.7476016 2.3761.2 1.7476016 2.24724399 9 3.81612 7.476606 2.747600 2.24724399 9 3.81612 7.476606 2.74764018 2.24724399 9	290	0.892552165	0.008840964	1.460753898	-44.09267653	5.108529178	-6.979439264	-1.657570761	2.726892153	9	3.05E-12	5.49E-07
293 0.107442818 0.00068573 0.837086785 44.10322047 2.107442818 5.848921765 2.928930348 2.09393666 2.828502048 44.00375641 6.113721266 6.900902041 1.322429137 7.122248931 9 5.9113 3.876.07 295 0.832534892 0.0093020679 1.158311023 44.01075881 4.01076082 6.69673407 2.08869433 1.257113946 9 1.15821102 1.15821102 4.10175881 4.01076082 2.88538401 6.550384195 2.21472349 1.66154835 0.3582112 1.1582102 1.1582102 2.661473079 2.21472349 1.66154835 0.378212 1.1582102 2.00047038 1.67047049 2.21472349 1.66154835 1.058212 2.481620 2.21472349 1.66154835 0.124621 2.581620 0.00047039 2.21472349 1.66154835 0.912412 2.781620 0.00047039 2.21472349 1.661543535 0.481621 2.246160 0.00047039 2.21472349 0.00047039 2.21472349 0.00047039 2.21472349 0.00047039 0.00047039 0.00047039 <td< td=""><td>291</td><td>0.892557182</td><td>-0.00893542</td><td>-1.750892629</td><td>-44.08242016</td><td>5.892557182</td><td>6.994635098</td><td>1.400714104</td><td>-4.955063873</td><td>9</td><td>1.77E-13</td><td>5.85E-07</td></td<>	291	0.892557182	-0.00893542	-1.750892629	-44.08242016	5.892557182	6.994635098	1.400714104	-4.955063873	9	1.77E-13	5.85E-07
294 0.08935666 0.00930669 4.13851623 4.407875641 6.113712166 6.90092014 4.323429137 7.122548931 9 5.91-13 3.78-07 295 0.0920679 -1.158311623 44.10175834 4.103133307 6.96973407 2.086504485 12.51133946 9 1.116-12 8.156-07 296 0.10742295 0.00936093 1.0736173 44.10327417 3.89257182 6.63475079 2.214723495 16.5154353 9 1.24-12 1.85-06 298 0.107441615 0.00895383 1.6804017 44.10327417 3.892557182 6.63475079 2.214723495 16.3154353 9 2.78-13 7.78-07 300 0.107442818 0.014155351 0.42946018 44.0855568 4.11364881 1.01742818 4.415291568 0.4294618 3.43663019 9 8.88-12 7.87-06 301 0.107442818 0.014155351 0.53860865 4.11364881 1.017442814 4.415291568 4.42946081 3.1084085 9 8.88-12 7.89-040 302<	292	0.107441495	0.008953683	1.68048017	-44.08555526	4.896526544	-7.067405388	-1.477601462	-2.888192505	9	2.44E-12	7.47E-07
295 0.0092543982 0.00920679 -1.15811623 4.10175883 4.10175883 6.696734307 0.08685948 1.534328245 -4.10176082 2.88534817 6.50384106 2.314489933 1.630306742 9 5.395-13 2.151-06 297 0.992557182 0.009820988 1.10736173 -44.10327417 3.892557182 6.634750279 -2.14723495 1.63154833 9 1.246-12 1.251-06 299 0.892456221 0.010299327 -1.602173708 -41.1229212 2.076613479 4.693499771 3.74552346 3.231671215 9 5.051-12 2.746-06 300 0.107442818 0.014155351 -4.2946918 4.38941985 8.107442818 4.15291568 -3.23660569 3.23661125 9 8.81612 2.746-06 301 0.107442818 0.014155351 0.38246666 -4.10315767 3.095264132 6.09048206 -1.2336493 2.24245379 9 8.81612 7.756-06 302 0.10746218 0.00942098 -1.17056173 -4.10315767 3.095264132 6.09042066	293	0.107442818	0.01068573	0.837086785	-44.10922047	2.107442818	-5.848921765	-2.929803748	24.39977163	9	7.43E-13	2.30E-06
255 0.00920579 1.158111623 4.10175884 4.101313807 6.096734307 2.08669435 12.57113946 9 1.11-12 8.19-07 261 0.107422995 0.009862988 1.05428245 44.10476082 2.88534817 6.50384106 2.3144395 1.63043007 9 5.39-13 2.154-00 279 0.892557182 0.009820988 1.10734073 44.10327471 3.892557182 6.634750279 2.214723495 1.63154832 0 2.246121 1.246-12 1.256-02 289 0.99456221 0.00295237 0.602173708 44.11229212 2.076613474 4.693499771 3.374552246 2.321671215 9 6.51-12 2.74-06 300 0.107442818 0.014155351 0.42149618 4.31291568 0.41529168 3.4582446818 3.40841885 9 8.81612 7.77-06 301 0.107442818 0.014155351 0.38324662 0.4103818 4.10315767 3.095264132 6.09042068 1.274627662 2.42424787 9 8.81612 7.77-066673 9	294	0.89255869	0.008936666	1.828562043	-44.07875641	6.113721266	-6.900902014	-1.323429137	-7.122548931	9	5.91E-13	3.87E-07
296 0.107422995 0.009368698 1.05432245 4.10476082 2.88538417 6.550384196 2.61466953 1.63030674 9 3.91511 2.154.61	295	0.892543982	-0.00920679	-1.158311623	-44.10175834		6.696734307	2.088694435	12.57113946	9		
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327 0.082897725 -0.008138248 -1.863025731 -48.98984022 5.922929386 7.741989808 1.327069527 -8.283563582 10 1.79E-12 4.50E-07							-7.679943367	-1.846025103		10		
	326	0.917090637	0.008555409	1.059529874	-49.01340829	4.076867345	-7.238865514	-2.293649708	17.97337747	10	9.94E-13	6.30E-07
328 0.082903234 -0.008636311 -2.317114258 -48.97065501 6.928378308 7.300758372 1.067770258 -18.14067416 10 7.13E-12 3.33E-07	327	0.082897725	-0.008138248	-1.863025731	-48.98984022	5.922929386	7.741989808	1.327069527	-8.283563582	10	1.79E-12	4.50E-07
	328	0.082903234	-0.008636311	-2.317114258	-48.97065501	6.928378308	7.300758372	1.067770258	-18.14067416	10	7.13E-12	3.33E-07

320 0017003481 00100310071 0102010707071 010201070707070 0102010707070 0102010707070 010201070707070 0102010707070 010201070707070 0102010707070 010201070707070 0102010707070 010201070707070 0102010707070 010201070707070 0102010707070 010201070707070 0102010707070 0102010707070 0102010707070 0102010707070 0102010707070 0102010707070 0102010707070 0102010707070 0102010707070 0102010707070 0102010707070 0102010707070 0102010707070 0102010707070 0102010707070 0102010707070 01020107070 01020107070 01020107070 0102010707070 01020070707070 0102010707070 010200												
33 0.91103483 0.0009930 0.78022088 4.9102000 2.91103480 2.91020000 1.0000000 1.0000000 1.0000000 1.0000000 1.0000000 1.0000000 1.0000000 1.00000000 1.00000000 1.00000000 1.0000000000 1.000000000000 1.000000000000000 1.00000000000000000 1.0000000000000000000 1.000000000000000000000000000000000000	329	0.917103483	-0.008719546	-1.025217747	-49.01424227	3.917103483	7.167804683	2.392174743	19.53656529	10	1.12E-12	1.69E-06
333 0.0799008 1.56604589 0.0099008 1.56604599 0.0099008 0.0099008 0.0099008 0.0099008 0.0000008 0.0000008 0.0000008 0.0000008 0.0000008 0.00000008 0.00000008 0.00000000 0.00000000 0.00000000 0.000000000 0.00000000000 0.00000000000000 0.00000000000000000000000000000000000	330	0.082896517	0.013341027	0.522015325	-49.02214312	1.082896517	-4.684796902	-4.698137929	38.98928807	10	3.67E-12	3.54E-06
33 917101481 0.00815517 0.19810678 4.8874348 917101483 7.6886488 2.92117473 91.33656287 0.02835617 0.02835617 0.02835617 0.02835617 0.02835617 0.02835617 0.19806488 2.92117473 19.33656288 0.0 10 10.1910148 0.00351618 1.01800774 48.982007 0.0833809 7.6837149 0.10771301 0.70371301 10 2.11413 30.7071301 30 0.01701483 0.00807046 1.61310448 48.982007 0.0838309 7.6837149 1.07071301 1.01321301 10 1.11414 1.014141 1.014	331	0.917103483	0.0099933	0.783022988	-49.01870007	2.917103483	-6.254190606	-3.132091953	29.30480027	10	1.32E-13	3.70E-06
33 010710348 0.00871950 0.00871950 0.01217078 0.910103482 0.0087101081 0.0087101081 0.0087101081 0.0079101081 0.191001081 0.0079101081 0.191001081 0.0079101081 0.0079101081 0.101001081 0.0079510168 0.10100108 0.0079510168 0.10100108 0.0079510168 0.10100108 0.0079510168 0.10100108 0.0079510168 0.10100108 0.007051018	332	0.082896517	0.007990039	1.566045976	-48.99994893	5.082896517	-7.822239843	-1.566045976	-0.050051073	10	3.27E-13	6.14E-07
33 0.91710348 0.00815547 1.91800678 48.9872039 0.91801485 0.71901851 0.00961645 1.61310484 48.99820079 6.085832599 7.783514799 1.07073101 1.703711314 0.0 7.81813 0.01701851 0.009761465 1.61310484 48.99820079 6.08583259 7.783514799 1.070771131 1.07 1.01 1.11112 1.01112	333	0.917103483	0.008155147	1.918006778	-48.98743349	6.917103483	-7.663871965	-1.278671185	-9.851711004	10	2.42E-13	3.33E-07
33 0.91710185 0.007961465 1.6110448 48.99820079 6.08583259 7.8831409 1.00787311 1.07972117 10 7.48121 3.02-07 337 0.91701851 0.000705425 1.61310485 4.99820079 6.88383259 7.87891487 1.60500531 1.30872177 10 1.21812 2.02-07 339 0.028380517 0.00871586 1.22320477 4.90042027 3.08289517 7.478904887 2.392117441 1.53605029 0.0 4.014-02 340 0.91710483 0.0009338 4.23804277 4.90042017 3.91447322 2.62410006 1.31690133 0.106121 1.41612 1.016000 341 0.91710483 0.0079039 1.66605976 49.0942017 3.9147322 7.60504089 2.92017474 1.9360507 0.0 2.01112 1.0000000 0.0000000 0.000000 0.0000000 0.00000000 0.00000000 0.000000000 0.000000000 0.000000000000 0.00000000000000000000000000000000000	334	0.082896517	-0.008719546	-1.025217747	-49.01424227	3.082896517	7.167804683	2.392174743	19.53656529	10	6.19E-13	1.14E-06
330 0.917101851 0.007961465 -6.1310448 48.9980079 6.08583259 7.07832179 1.070732171 1.0 9.131-12 2.081-097422 330 0.017097422 -0.000700766 1.31745809 4.000711279 5.081265517 7.07804685 2.02517747 4.91414272 7.08126517 7.07804685 2.000701741 4.9141427 7.08126517 7.07804685 2.000701741 9.93680270 0.0 4.1141-12 1.041-06 340 0.028388407 0.00283284 1.23963427 -400004775 3.9147352 7.58382646 1.99567019 1.93683230 0.0 4.1161-12 1.041-06 341 0.01710483 0.00293284 1.23963277 4.0004277 3.9170483 7.0780483 1.59567019 1.936803230 0.0 4.011-12 1.011-12	335	0.917103483	-0.008155147	-1.918006778	-48.98743349	6.917103483	7.663871965	1.278671185	-9.851711004	10	2.22E-13	3.33E-07
338 0.917097422 0.008070436 1.3148508 4.90071279 0.80172651 0.76934083 0.84625103 0.81485033 0.0 1.314-10 2.814704 1.30850520 0.008288517 0.008288517 0.008289517 0.008288517 0.00829517 0.008289517 0.767304683 2.292174743 1.33682323 1.2464040 0.00828941 0.008289517 0.008289518 0.00829521 0.00829528 4.90820707 2.917103483 0.2490000 0.13261093 2.3440000 0.0082103 0.00828951 0.00829528 4.90820000 0.917103483 0.24800000 0.13261093 0.9082000 0.00820000	336	0.917101851	0.007961465	1.61310448	-48.99820079	6.085838259	-7.785371479	-1.507783011	-1.703721347	10	7.48E-13	3.02E-07
339 0.082895175 0.008719546 0.025217477 49.0142227 0.02829517 7.167804688 2.39217473 19.36856293 10 6.01-12 1.04-1.04 340 0.082888407 -0.008253824 1.29364527 49.00942715 5.13447525 7.683826246 1.995670159 1.30882329 10 4.04-1.04 1.04-0.6 341 0.17103483 0.00820383 2.39548577 49.0094275 3.91447352 7.683826246 1.955670519 1.30882329 10 4.02-1.04 1.04-0.6 342 0.17103483 0.00871586 1.25661777 49.0144227 3.91103483 7.68387636 1.93566529 10 4.051-0.0 1.06-0.6 343 0.91103483 0.08051507 1.27867118 4.9014227 3.91103483 7.6838705 9.18006708 9.747433949 10 4.815-12 1.06-0.6 340 0.02878555 0.08805107 0.80805107 0.9080528 4.9013238 2.90908225 7.07930013 2.5811243 2.174743949 10 4.154-1.2 1.04-0.6	337	0.917101851	-0.007961465	-1.61310448	-48.99820079	6.085838259	7.785371479	1.507783011	-1.703721347	10	9.13E-13	3.02E-07
340 0.0028288407 0.002953824 4.23963457 49.00942715 3.91447325 7.638232646 1.995670159 1.39683239 10 4.01-10 2.01-10 341 0.917103483 0.00099933 0.7380228824 4.000942715 2.914103483 6.23410606 3.132091393 2.93040027 10 4.721-12 1.01-06 342 0.028288407 0.0009933 0.56045576 4.899994893 5.917103483 7.638226264 1.936605579 1.05 605170 10 4.251-12 5.60-607 343 0.917103483 0.00815547 1.27567118 4.90024227 3.91103483 7.63821664 1.918060779 4.074733494 10 2.851-12 1.00160 347 0.02828555 0.00815547 1.27567118 4.9001510739 2.90090225 7.07933001 2.90112435 2.123706626 10 4.151-12 1.856-07 349 0.0152194 0.025509486 4.90017353 2.04947554 4.900932841 4.34060222 3.747833494 10 2.556-07 349 0.1701416	338	0.917097422	-0.008070426	-1.317485509	-49.00711279	5.081728651	7.679943367	1.846025103	8.134875233	10	1.13E-12	4.28E-07
341 0.917103483 -0.0099933 -0.78302298 4.91087007 2.917103483 6.25419006 3.13209195 2.93408007 10 4.01-12 1.704-03 342 0.008288407 0.009253824 1.29664527 49.09942715 3.91447822 -7.638326246 6.199570159 1.29683239 10 4.72E-12 1.04-06 343 0.917103483 0.00879546 1.05217747 49.01442872 9.917103483 -7.63806463 -3.93217473 1.95365567 40.0142427 3.917103483 -7.66387196 1.918006778 9.74733494 10 2.181-12 1.86-06 345 0.08287655 0.00820956 0.98065109 4.90151073 2.99008225 7.079330013 2.508112435 1.23709562 10 4.16-12 1.86-06 347 0.008287555 0.00820956 0.98065109 4.90151073 2.99008225 7.079330013 2.508112435 1.23709662 10 4.16-12 1.86-06 349 0.917103483 0.00815147 1.278671185 4.90023289 4.91103483 7.663871965	339	0.082896517	0.008719546	1.025217747	-49.01424227	3.082896517	-7.167804683	-2.392174743	19.53656529	10	9.62E-13	1.14E-06
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