

## SCRATCH TEST

LOCATION Economic Affairs Bureau engineering support center

横浜市経済局工業技術支援センター

MACHINE Tribo measure

MACHINE BURUKER AXS

Step No. 2

Step Type Code: 1

Radius = 37.0995

Velocity = 0.04

Set Force = 10

Duration = 60.06

Data Count = 6007

Started at: 06:43:17.709 12 Aug 2011

Step Type Code: 1

Radius = 33.3353

Velocity = 0.04

Set Force = 10

Duration = 60.08

Data Count = 6009

Started at: 06:43:17.709 12 Aug 2011

## RAW DATA

未施工								施工									
T	Fx	Fz	Z	Y	X	Ff	COF	T	Fx	Fz	Z	Y	X	Ff	COF		
sec	kg	kg	mm	mm	mm	kg		sec	kg	kg	mm	mm	mm	kg			
0	-0.00222	0.092557	32.5976	0	37.0995	0.002216	0.023937	0	0.00329	0.096459	32.5735	0	33.33525	0.003286	0.034071	0	0.034071
0.01	-0.00277	0.093213	32.598	0	37.0995	0.002769	0.029711	0.01	-0.00347	0.097663	32.5735	0	33.33525	0.003471	0.035541	0	0.035541
0.02	-0.00262	0.093651	32.598	0	37.0995	0.002622	0.027995	0.02	-0.00332	0.09686	32.5735	0	33.33525	0.003323	0.034311	0	0.034311
0.03	-0.00262	0.093615	32.598	0	37.0995	0.002622	0.028006	0.03	-0.00329	0.09748	32.5735	0	33.33525	0.003286	0.033714	0	0.033714
0.04	-0.00225	0.093578	32.598	0	37.0995	0.002253	0.024071	0.04	-0.00358	0.096714	32.5735	0	33.33525	0.003582	0.037035	0	0.037035
0.05	-0.00188	0.092885	32.5976	0	37.0995	0.001883	0.020275	0.05	-0.00347	0.097079	32.5735	0	33.33525	0.003471	0.035755	0	0.035755
0.06	-0.00214	0.092302	32.5965	0	37.0995	0.002142	0.023203	0.06	-0.00336	0.096496	32.5735	0	33.33525	0.00336	0.034823	0	0.034823
0.07	-0.00233	0.091463	32.5965	0	37.0995	0.002326	0.025435	0.07	-0.00362	0.097043	32.5734	0	33.33525	0.003619	0.037291	0	0.037291
0.08	-0.00266	0.090551	32.5961	0	37.0987	0.002659	0.029361	0.08	-0.00299	0.096022	32.573	0	33.33525	0.002991	0.031115	0	0.031115
0.09	-0.00388	0.089968	32.596	0	37.0985	0.003877	0.043096	0.09	-0.00321	0.095803	32.573	0	33.33525	0.003213	0.033533	0	0.033533
0.1	-0.01267	0.089603	32.596	0	37.097	0.012666	0.141353	0.1	-0.00842	0.095219	32.5726	0	33.33405	0.008419	0.088419	0.001198	0.088419
0.11	-0.01366	0.090004	32.596	0	37.0935	0.013663	0.151801	0.11	-0.01108	0.095693	32.5725	0	33.33375	0.011078	0.115764	0.001499	0.115764
0.12	-0.01008	0.090916	32.596	0	37.0935	0.010081	0.110881	0.12	-0.01304	0.095292	32.5727	0	33.33083	0.013035	0.13679	0.004425	0.13679
0.13	-0.01204	0.091427	32.5968	0	37.0817	0.012038	0.131668	0.13	-0.00968	0.096204	32.573	0	33.324	0.009675	0.100564	0.01125	0.100564
0.14	-0.01097	0.09201	32.597	0	37.07875	0.010967	0.119195	0.14	-0.01148	0.09697	32.573	0	33.324	0.011484	0.118429	0.01125	0.118429
0.15	-0.01204	0.093578	32.5973	0	37.07568	0.012038	0.128641	0.15	-0.01108	0.098027	32.5738	0	33.3116	0.011078	0.13008	0.023647	0.13008
0.16	-0.0116	0.094271	32.598	0	37.0685	0.011595	0.122995	0.16	-0.0123	0.098428	32.574	0	33.3085	0.012296	0.124928	0.026749	0.124928
0.17	-0.01436	0.095037	32.598	0	37.0685	0.014364	0.151145	0.17	-0.01204	0.100033	32.5743	0	33.30558	0.012038	0.12034	0.029675	0.12034
0.18	-0.01134	0.096386	32.5988	0	37.0563	0.011336	0.117614	0.18	-0.01241	0.100434	32.575	0	33.29875	0.012407	0.123536	0.036499	0.123536
0.19	-0.013	0.097553	32.599	0	37.05325	0.012998	0.133241	0.19	-0.01196	0.101674	32.575	0	33.29875	0.011964	0.117671	0.036499	0.117671
0.2	-0.01185	0.0981	32.5992	0	37.05025	0.011853	0.120829	0.2	-0.01411	0.102404	32.5758	0	33.28675	0.014106	0.137748	0.0485	0.137748
0.21	-0.01392	0.09945	32.5995	0	37.04325	0.013921	0.139982	0.21	-0.01248	0.104154	32.576	0	33.28375	0.012481	0.119833	0.051499	0.119833
0.22	-0.01174	0.100471	32.5995	0	37.04325	0.011743	0.116875	0.22	-0.01481	0.105358	32.5763	0	33.2808	0.014807	0.140545	0.054649	0.140545
0.23	-0.01366	0.102075	32.6007	0	37.03125	0.013663	0.133849	0.23	-0.01137	0.106597	32.577	0	33.27325	0.011373	0.106694	0.062	0.106694
0.24	-0.01174	0.102987	32.601	0	37.02825	0.011743	0.11402	0.24	-0.01562	0.107436	32.577	0	33.27325	0.01562	0.145387	0.062	0.145387
0.25	-0.01429	0.1043	32.6013	0	37.02525	0.01429	0.137013	0.25	-0.01156	0.108513	32.5778	0	33.26145	0.011558	0.106495	0.073799	0.106495
0.26	-0.01333	0.10543	32.602	0	37.01825	0.013333	0.126438	0.26	-0.01588	0.109515	32.578	0	33.2585	0.015878	0.144988	0.076748	0.144988
0.27	-0.01385	0.106415	32.602	0	37.01825	0.013847	0.130126	0.27	-0.01248	0.110427	32.5782	0	33.25543	0.012481	0.13026	0.079823	0.13026
0.28	-0.01352	0.107035	32.6028	0	37.00605	0.013515	0.126267	0.28	-0.01488	0.111448	32.5785	0	33.24825	0.014881	0.133527	0.086998	0.133527
0.29	-0.01459	0.108494	32.603	0	37.003	0.014586	0.13444	0.29	-0.01333	0.113089	32.5785	0	33.24825	0.013333	0.117875	0.086998	0.117875
0.3	-0.01363	0.109442	32.6031	0	37	0.013626	0.124502	0.3	-0.0144	0.113563	32.5797	0	33.23645	0.014401	0.126813	0.098801	0.126813
0.31	-0.01436	0.110901	32.6035	0	36.993	0.014364	0.129524	0.31	-0.01344	0.11473	32.58	0	33.2335	0.013441	0.117155	0.10175	0.117155
0.32	-0.01536	0.111922	32.6035	0	36.993	0.015361	0.13725	0.32	-0.01573	0.115532	32.5802	0	33.23035	0.015731	0.136158	0.104901	0.136158
0.33	-0.0144	0.113855	32.6047	0	36.981	0.014401	0.126488	0.33	-0.01525	0.117502	32.5805	0	33.223	0.015251	0.12979	0.112248	0.12979
0.34	-0.01595	0.114511	32.605	0	36.978	0.015952	0.139307	0.34	-0.01403	0.118486	32.5805	0	33.223	0.014032	0.118427	0.112248	0.118427
0.35	-0.01484	0.115751	32.6053	0	36.97485	0.014844	0.128244	0.35	-0.01429	0.11969	32.5817	0	33.2112	0.01429	0.119396	0.12405	0.119396
0.36	-0.01658	0.116954	32.606	0	36.9675	0.01658	0.141764	0.36	-0.01577	0.12082	32.582	0	33.20825	0.015768	0.130504	0.126999	0.130504
0.37	-0.01739	0.117866	32.606	0	36.9675	0.017392	0.147559	0.37	-0.0144	0.121659	32.5821	0	33.20518	0.014401	0.118374	0.130074	0.118374
0.38	-0.0144	0.118814	32.6068	0	36.9557	0.014401	0.121208	0.38	-0.01606	0.122242	32.5825	0	33.198	0.016063	0.131402	0.137249	0.131402
0.39	-0.01577	0.119872	32.607	0	36.95275	0.015768	0.131536	0.39	-0.01385	0.123811	32.5825	0	33.198	0.013847	0.111843	0.137249	0.111843
0.4	-0.0168	0.121221	32.6072	0	36.94968	0.016801	0.138601	0.4	-0.01536	0.124978	32.5837	0	33.1858	0.015361	0.122913	0.149449	0.122913
0.41	-0.01484	0.122206	32.6075	0	36.9425	0.014844	0.12147	0.41	-0.0144	0.126072	32.584	0	33.18275	0.014401	0.114231	0.1525	0.114231
0.42	-0.01699	0.123519	32.6075	0	36.9425	0.016986	0.137518	0.42	-0.01809	0.127166	32.5842	0	33.17975	0.018094	0.142286	0.155499	0.142286
0.43	-0.01518	0.124649	32.6087	0	36.9301	0.015177	0.121755	0.43	-0.01318	0.128543	32.5845	0	33.17275	0.013183	0.102316	0.162499	0.102316
0.44	-0.01743	0.126145	32.609	0	36.927	0.017429	0.138168	0.44	-0.01736	0.129834	32.5845	0	33.17275	0.017355	0.133981	0.162499	0.133981
0.45	-0.01695	0.126874	32.6091	0	36.92408	0.016949	0.133591	0.45	-0.0151	0.130703	32.5857	0	33.16055	0.015103	0.15551	0.174698	0.15551
0.46	-0.01784	0.128624	32.6095	0	36.91725	0.017835	0.138663	0.46	-0.01732	0.131797	32.586	0	33.1575	0.017318	0.131402	0.17775	0.131402
0.47	-0.0164	0.129062	32.6095	0	36.91725	0.016395	0.127034	0.47	-0.01429	0.132855	32.5862	0	33.15458	0.01429	0.107565	0.180676	0.107565
0.48	-0.01728	0.131031	32.6107	0	36.90505	0.017281	0.131888	0.48	-0.01739	0.133803	32.5865	0	33.14775	0.017392	0.129984	0.1875	0.129984
0.49	-0.01725	0.131104	32.611	0	36.902	0.017245	0.131533	0.49	-0.01488	0.134824	32.5865	0	33.14775	0.014881	0.10376	0.1875	0.10376
0.5	-0.01854	0.133219	32.6111	0	36.89893	0.018537	0.139146	0.5	-0.01824	0.135845	32.5877	0	33.13555	0.018242	0.134282	0.1997	0.134282
0.51	-0.01706	0.133584	32.6115	0	36.89175	0.01706	0.127709	0.51	-0.01529	0.137559	32.588	0	33.1325	0.015287	0.111134	0.202751	0.111134
0.52	-0.01894	0.135553	32.6115	0	36.89175	0.018943	0.139747	0.52	-0.01843	0.13858	32.5882	0	33.12943	0.018426	0.132964	0.205826	0.132964
0.53	-0.01765	0.13559	32.6127	0	36.87995	0.017651	0.130178	0.53	-0.01566	0.140185	32.5885	0	33.12225	0.015657	0.111686</		

0.83	-0.02337	0.175961	32.6243	0	36.72875	0.023374	0.132838	0.370751	0.132838	0.83	-0.01725	0.173736	32.6005	0	32.971	0.017245	0.099257	0.36425	0.099257
0.84	-0.02336	0.177602	32.6245	0	36.72575	0.023596	0.132859	0.373753	0.132859	0.84	-0.01891	0.175669	32.6005	0	32.971	0.018906	0.107624	0.36425	0.107624
0.85	-0.02459	0.17855	32.6248	0	36.7226	0.024593	0.137737	0.376904	0.137737	0.85	-0.01736	0.176435	32.6017	0	32.959	0.017355	0.098367	0.376251	0.098367
0.86	-0.02467	0.180519	32.6255	0	36.71525	0.024667	0.136643	0.384251	0.136643	0.86	-0.0178	0.178222	32.6021	0	32.956	0.017798	0.098667	0.37925	0.098667
0.87	-0.02474	0.18154	32.6255	0	36.71525	0.024741	0.136282	0.384251	0.136282	0.87	-0.01802	0.178222	32.6021	0	32.953	0.018002	0.10111	0.382248	0.10111
0.88	-0.02507	0.183035	32.6263	0	36.70345	0.025073	0.136984	0.396054	0.136984	0.88	-0.01813	0.180118	32.6025	0	32.946	0.018131	0.100661	0.389248	0.100661
0.89	-0.02419	0.183655	32.6265	0	36.7005	0.024187	0.131696	0.399003	0.131696	0.89	-0.01713	0.18041	32.6025	0	32.946	0.017734	0.094972	0.389248	0.094972
0.9	-0.02522	0.185588	32.6268	0	36.69743	0.025221	0.135896	0.402077	0.135896	0.9	-0.01876	0.182379	32.6033	0	32.9336	0.0181759	0.102855	0.40165	0.102855
0.91	-0.02522	0.186288	32.6275	0	36.69025	0.025221	0.134994	0.409253	0.134994	0.91	-0.01857	0.182744	32.6035	0	32.9305	0.018574	0.101639	0.404751	0.101639
0.92	-0.02526	0.188214	32.6275	0	36.68925	0.025258	0.134196	0.409253	0.134196	0.92	-0.01846	0.185224	32.6038	0	32.92757	0.018463	0.09968	0.407677	0.09968
0.93	-0.02522	0.189344	32.6283	0	36.67805	0.025221	0.1332	0.421452	0.1332	0.93	-0.01835	0.18588	32.6045	0	32.92075	0.018352	0.098732	0.414501	0.098732
0.94	-0.02596	0.191678	32.6285	0	36.675	0.025959	0.135431	0.4245	0.135431	0.94	-0.01787	0.187776	32.6045	0	32.92075	0.017872	0.095179	0.414501	0.095179
0.95	-0.02603	0.19259	32.6288	0	36.672	0.026033	0.135173	0.427502	0.135173	0.95	-0.01843	0.187849	32.6057	0	32.90855	0.018426	0.09809	0.426701	0.09809
0.96	-0.026	0.194632	32.6295	0	36.665	0.025996	0.133565	0.434502	0.133565	0.96	-0.01717	0.19011	32.606	0	32.9055	0.017171	0.09032	0.429749	0.09032
0.97	-0.02526	0.195325	32.6295	0	36.665	0.025258	0.12931	0.434502	0.12931	0.97	-0.01828	0.19022	32.6062	0	32.90243	0.018279	0.096092	0.432823	0.096092
0.98	-0.02633	0.197404	32.6303	0	36.6528	0.026328	0.133373	0.446701	0.133373	0.98	-0.01824	0.191897	32.6065	0	32.89525	0.018242	0.095059	0.439999	0.095059
0.99	-0.02607	0.197915	32.6305	0	36.64975	0.02607	0.131723	0.449749	0.131723	0.99	-0.01924	0.192554	32.6065	0	32.89525	0.019239	0.099113	0.439999	0.099113
1	-0.02729	0.199774	32.6308	0	36.64683	0.027289	0.136597	0.452675	0.136597	1	-0.01872	0.194304	32.6073	0	32.88345	0.018722	0.096352	0.451801	0.096352
1.01	-0.02607	0.200759	32.6315	0	36.64	0.02607	0.129857	0.4595	0.129857	1.01	-0.01784	0.194997	32.6075	0	32.8805	0.017835	0.091465	0.45475	0.091465
1.02	-0.02718	0.202765	32.6315	0	36.64	0.027178	0.134036	0.4595	0.134036	1.02	-0.01839	0.196565	32.6078	0	32.87735	0.018389	0.093553	0.457901	0.093553
1.03	-0.02618	0.20313	32.6323	0	36.6278	0.026181	0.128887	0.471699	0.128887	1.03	-0.02134	0.19755	32.6085	0	32.87	0.021343	0.10804	0.465248	0.10804
1.04	-0.02736	0.205755	32.6325	0	36.62475	0.027362	0.132985	0.474751	0.132985	1.04	-0.01695	0.199446	32.6085	0	32.87	0.016949	0.084981	0.465248	0.084981
1.05	-0.02622	0.206375	32.6328	0	36.62175	0.026218	0.127039	0.477753	0.127039	1.05	-0.01828	0.199774	32.6097	0	32.8582	0.018279	0.091496	0.477051	0.091496
1.06	-0.02758	0.209001	32.6335	0	36.61475	0.027584	0.13198	0.484753	0.13198	1.06	-0.01869	0.201488	32.61	0	32.85525	0.018685	0.092733	0.48	0.092733
1.07	-0.02703	0.208746	32.6335	0	36.61475	0.02703	0.129488	0.484753	0.129488	1.07	-0.01946	0.202036	32.6101	0	32.85218	0.01946	0.09632	0.483074	0.09632
1.08	-0.0274	0.211335	32.6343	0	36.60215	0.027399	0.129649	0.497349	0.129649	1.08	-0.01898	0.203713	32.6105	0	32.845	0.01898	0.093171	0.49025	0.093171
1.09	-0.02681	0.211554	32.6345	0	36.599	0.026808	0.126722	0.5005	0.126722	1.09	-0.01905	0.204114	32.6105	0	32.845	0.019054	0.093349	0.49025	0.093349
1.1	-0.0277	0.213705	32.6348	0	36.596	0.027695	0.129593	0.503505	0.129593	1.1	-0.0175	0.205974	32.6113	0	32.8326	0.017503	0.084977	0.502648	0.084977
1.11	-0.0277	0.214398	32.6355	0	36.589	0.027695	0.129174	0.510502	0.129174	1.11	-0.01843	0.206922	32.6115	0	32.8295	0.018426	0.089049	0.505749	0.089049
1.12	-0.02832	0.216915	32.6355	0	36.589	0.028322	0.13057	0.510502	0.13057	1.12	-0.01876	0.2086	32.6118	0	32.82658	0.018759	0.089926	0.508675	0.089926
1.13	-0.02747	0.21711	32.6363	0	36.577	0.027473	0.126505	0.522503	0.126505	1.13	-0.01876	0.209037	32.6125	0	32.81975	0.018759	0.089738	0.515499	0.089738
1.14	-0.02851	0.220197	32.6365	0	36.574	0.028507	0.129462	0.525502	0.129462	1.14	-0.01802	0.211116	32.6125	0	32.81975	0.01802	0.085356	0.515499	0.085356
1.15	-0.02829	0.220525	32.6368	0	36.57108	0.028286	0.128264	0.528428	0.128264	1.15	-0.01931	0.211371	32.6133	0	32.80755	0.019312	0.091367	0.527699	0.091367
1.16	-0.02891	0.223041	32.6375	0	36.56425	0.028913	0.129632	0.535252	0.129632	1.16	-0.01787	0.213341	32.6135	0	32.8045	0.017872	0.083774	0.53075	0.083774
1.17	-0.02818	0.223078	32.6375	0	36.56425	0.028175	0.1263	0.535252	0.1263	1.17	-0.01861	0.213851	32.6138	0	32.80158	0.018611	0.080727	0.533676	0.080727
1.18	-0.02862	0.225777	32.6383	0	36.55165	0.028618	0.126753	0.547852	0.126753	1.18	-0.0178	0.215602	32.6145	0	32.79475	0.017798	0.082552	0.540501	0.082552
1.19	-0.0291	0.226178	32.6385	0	36.5485	0.029098	0.128651	0.551003	0.128651	1.19	-0.01824	0.215875	32.6145	0	32.79475	0.018242	0.084558	0.540501	0.084558
1.2	-0.02984	0.228183	32.6388	0	36.54558	0.029836	0.130756	0.553925	0.130756	1.2	-0.01991	0.217608	32.6153	0	32.78235	0.019909	0.082301	0.552899	0.082301
1.21	-0.0295	0.22873	32.6395	0	36.53875	0.029504	0.128991	0.560749	0.128991	1.21	-0.01731	0.218228	32.6155	0	32.77925	0.017312	0.088497	0.556	0.088497
1.22	-0.02962	0.231137	32.6395	0	36.53875	0.029615	0.128127	0.560749	0.128127	1.22	-0.01736	0.220379	32.6158	0	32.77633	0.017355	0.078752	0.558926	0.078752
1.23	-0.03024	0.231757	32.6403	0	36.52675	0.030243	0.130493	0.572751	0.130493	1.23	-0.01835	0.220707	32.6165	0	32.7695	0.018352	0.083152	0.56575	0.083152
1.24	-0.0301	0.2338	32.6405	0	36.52375	0.030095	0.128721	0.575753	0.128721	1.24	-0.01813	0.223005	32.6165	0	32.7695	0.018131	0.081302	0.56575	0.081302
1.25	-0.03006	0.235149	32.6408	0	36.5206	0.030058	0.127825	0.578904	0.127825	1.25	-0.01876	0.22326	32.6173	0	32.7575	0.018759	0.084021	0.577751	0.084021
1.26	-0.03072	0.237191	32.6415	0	36.51325	0.030723	0.129527	0.586251	0.129527	1.26	-0.01765	0.225229	32.6175	0	32.7545	0.017651	0.078368	0.58075	0.078368
1.27	-0.03106	0.237811	32.6415	0	36.51325	0.031055	0.130587	0.586251	0.130587	1.27	-0.01843	0.225084	32.6178	0	32.75135	0.018426	0.081864	0.583901	0.081864
1.28	-0.03065	0.239452	32.6423	0	36.50145	0.030649	0.127996	0.598053	0.127996	1.28	-0.0178	0.227454	32.6185	0	32.744	0.017798	0.078251	0.591248	0.078251
1.29	-0.03124	0.240145	32.6425	0	36.4985	0.03124	0.130086	0.601002	0.130086	1.29	-0.01832	0.227673	32.6185	0	32.744	0.018315	0.080446	0.591248	0.080446
1.3	-0.0312	0.242041	32.6428	0	36.49543	0.031203	0.128915	0.604077	0.128915	1.3	-0.0171	0.229423	32.6193	0	32.732	0.017097	0.074521	0.603249	0.074521
1.31	-0.03342	0.243063	32.6435	0	36.48825	0.033418	0.137488	0.611252	0.137488	1.31	-0.01813	0.229752	32.6195	0	32.729	0.018131	0.078915	0.606251	0.078915
1.32	-0.03098	0.245287	32.6435	0	36.48825	0.030981	0.126306	0.611252	0.126306	1.32	-0.01776	0.231903	32.6198	0	32.72593	0.017762	0.07659	0.609326	0.07659
1.33	-0.03235	0.246782	32.6443	0	36.47645	0.032347	0.131077	0.623051	0.131077	1.33	-0.01824	0.232341	32.6205	0	32.71875	0.018242	0.078512	0.616501	0.078512
1.34	-0.03128	0.248168	32.6445	0	36.47335	0.031277	0.12603	0.626	0.12603	1.34	-0.01725	0.23442	32.6205	0	32.71875	0.017245	0.073563	0.616501	0.073563
1.35	-0.03183	0.249445	32.6448	0	36.47035	0.031833	0.127605	0.629151											

1.92	-0.04018	0.330076	32.667	0	36.186	0.040176	0.121717	0.913502	0.121717	1.92	-0.01747	0.306627	32.6438	0	32.42333	0.017466	0.056962	0.911926	0.056962
1.93	-0.04125	0.332119	32.6682	0	36.1736	0.041247	0.124192	0.9259	0.124192	1.93	-0.01824	0.308852	32.6445	0	32.4165	0.018242	0.059063	0.918751	0.059063
1.94	-0.04106	0.333468	32.6685	0	36.1705	0.041062	0.123136	0.929001	0.123136	1.94	-0.01835	0.310019	32.6445	0	32.4165	0.018352	0.059198	0.918751	0.059198
1.95	-0.04243	0.334744	32.6688	0	36.16758	0.042428	0.126748	0.931927	0.126748	1.95	-0.01732	0.311405	32.6453	0	32.4041	0.017318	0.056514	0.931149	0.056514
1.96	-0.04062	0.336167	32.6695	0	36.16075	0.040619	0.12083	0.938752	0.12083	1.96	-0.01798	0.312973	32.6455	0	32.4001	0.017983	0.057459	0.93425	0.057459
1.97	-0.04243	0.338136	32.6695	0	36.16075	0.042428	0.125477	0.938752	0.125477	1.97	-0.0199	0.314614	32.6458	0	32.39785	0.019903	0.063263	0.937401	0.063263
1.98	-0.0411	0.339267	32.6703	0	36.14855	0.041099	0.121141	0.950951	0.121141	1.98	-0.01614	0.314978	32.6465	0	32.3905	0.016137	0.051231	0.944748	0.051231
1.99	-0.04276	0.340361	32.6705	0	36.1455	0.042761	0.125633	0.954003	0.125633	1.99	-0.01738	0.316729	32.6465	0	32.3905	0.017798	0.056195	0.944748	0.056195
2	-0.04187	0.341856	32.6707	0	36.14243	0.041874	0.122491	0.957077	0.122491	2	-0.01739	0.318042	32.6473	0	32.3789	0.017392	0.054685	0.956349	0.054685
2.01	-0.04228	0.343424	32.6711	0	36.13525	0.042281	0.123115	0.964253	0.123115	2.01	-0.01828	0.319975	32.6475	0	32.3789	0.018279	0.057125	0.959248	0.057125
2.02	-0.04103	0.344445	32.6711	0	36.13525	0.041025	0.119105	0.964253	0.119105	2.02	-0.01798	0.320668	32.6477	0	32.37293	0.017983	0.05608	0.962322	0.05608
2.03	-0.04206	0.346268	32.6722	0	36.12325	0.042059	0.121464	0.976254	0.121464	2.03	-0.01854	0.322746	32.648	0	32.36575	0.018537	0.057435	0.969498	0.057435
2.04	-0.04132	0.347508	32.6725	0	36.12025	0.04132	0.118905	0.979252	0.118905	2.04	-0.01761	0.323984	32.648	0	32.36575	0.017614	0.054366	0.969498	0.054366
2.05	-0.04269	0.349332	32.6728	0	36.11718	0.042687	0.122195	0.982327	0.122195	2.05	-0.01802	0.325176	32.6492	0	32.35375	0.018002	0.055247	0.981499	0.055247
2.06	-0.04117	0.350098	32.6735	0	36.11	0.041173	0.117604	0.989502	0.117604	2.06	-0.01743	0.326977	32.6495	0	32.35075	0.017429	0.053304	0.984501	0.053304
2.07	-0.04357	0.351958	32.6735	0	36.11	0.043573	0.123802	0.989502	0.123802	2.07	-0.01843	0.329311	32.6498	0	32.34768	0.018426	0.055954	0.987576	0.055954
2.08	-0.04202	0.353015	32.6743	0	36.0982	0.042022	0.119038	1.001301	0.119038	2.08	-0.01695	0.329529	32.6505	0	32.3405	0.016949	0.051434	0.994751	0.051434
2.09	-0.04368	0.354474	32.6745	0	36.09525	0.043684	0.123236	1.00425	0.123236	2.09	-0.01891	0.331608	32.6505	0	32.3405	0.018906	0.057014	0.994751	0.057014
2.1	-0.04298	0.355313	32.6747	0	36.09218	0.042982	0.12097	1.007325	0.12097	2.1	-0.01809	0.332374	32.6513	0	32.3283	0.018094	0.054438	1.006951	0.054438
2.11	-0.04173	0.357537	32.675	0	36.0805	0.041727	0.116706	1.0145	0.116706	2.11	-0.01699	0.334635	32.6515	0	32.32525	0.016986	0.05076	1.009998	0.05076
2.12	-0.04265	0.358334	32.675	0	36.0805	0.042651	0.119021	1.0145	0.119021	2.12	-0.01883	0.33562	32.6518	0	32.32233	0.018832	0.056112	1.012924	0.056112
2.13	-0.04413	0.360017	32.6762	0	36.0732	0.044127	0.122569	1.026303	0.122569	2.13	-0.01846	0.338027	32.6525	0	32.3155	0.018463	0.05462	1.019749	0.05462
2.14	-0.04261	0.361184	32.6765	0	36.07025	0.042613	0.117981	1.029252	0.117981	2.14	-0.01773	0.338902	32.6525	0	32.3155	0.017725	0.0523	1.019749	0.0523
2.15	-0.04442	0.363299	32.6768	0	36.06718	0.044422	0.122275	1.032326	0.122275	2.15	-0.01905	0.34109	32.6533	0	32.3031	0.019054	0.055862	1.032147	0.055862
2.16	-0.04269	0.364247	32.6775	0	36.06	0.042687	0.117192	1.039502	0.117192	2.16	-0.01754	0.341491	32.6535	0	32.3	0.01754	0.051363	1.035248	0.051363
2.17	-0.0452	0.366363	32.6775	0	36.06	0.045198	0.123369	1.039502	0.123369	2.17	-0.0192	0.34419	32.6538	0	32.29708	0.019202	0.055788	1.038174	0.055788
2.18	-0.04199	0.366873	32.6783	0	36.0478	0.041985	0.114441	1.051701	0.114441	2.18	-0.01817	0.344773	32.6545	0	32.29025	0.018168	0.052695	1.044998	0.052695
2.19	-0.04501	0.368952	32.6785	0	36.04475	0.045013	0.122003	1.054753	0.122003	2.19	-0.01942	0.347071	32.6545	0	32.29025	0.019423	0.055963	1.044998	0.055963
2.2	-0.04272	0.369572	32.6786	0	36.04175	0.042724	0.115603	1.057571	0.115603	2.2	-0.01883	0.347399	32.6553	0	32.27765	0.018832	0.05421	1.057598	0.05421
2.21	-0.04568	0.371541	32.679	0	36.03475	0.045678	0.122941	1.064751	0.122941	2.21	-0.01817	0.350389	32.6555	0	32.2745	0.018168	0.05185	1.060749	0.05185
2.22	-0.04346	0.371651	32.679	0	36.03475	0.043462	0.116944	1.064751	0.116944	2.22	-0.01913	0.350791	32.6557	0	32.27158	0.019128	0.054528	1.063675	0.054528
2.23	-0.0449	0.374714	32.6802	0	36.02255	0.044902	0.119831	1.076951	0.119831	2.23	-0.0175	0.352979	32.656	0	32.26475	0.017503	0.049587	1.0705	0.049587
2.24	-0.04391	0.375042	32.6805	0	36.0195	0.043905	0.117068	1.080002	0.117068	2.24	-0.02009	0.353817	32.656	0	32.26475	0.020088	0.056775	1.0705	0.056775
2.25	-0.04572	0.377741	32.6806	0	36.0165	0.045715	0.121021	1.083001	0.121021	2.25	-0.01747	0.356698	32.6572	0	32.25235	0.017466	0.048966	1.082897	0.048966
2.26	-0.04464	0.378178	32.681	0	36.00905	0.044644	0.11805	1.090001	0.11805	2.26	-0.01957	0.35761	32.6575	0	32.24925	0.019571	0.054727	1.085999	0.054727
2.27	-0.04612	0.380476	32.681	0	36.00905	0.046121	0.121219	1.090001	0.121219	2.27	-0.01843	0.358887	32.6576	0	32.24633	0.018426	0.051343	1.088925	0.051343
2.28	-0.0438	0.380986	32.6822	0	35.9975	0.043795	0.11495	1.102002	0.11495	2.28	-0.01846	0.359725	32.658	0	32.2395	0.018463	0.051326	1.095749	0.051326
2.29	-0.04642	0.382992	32.6825	0	35.9945	0.046416	0.121194	1.105	0.121194	2.29	-0.01887	0.361841	32.658	0	32.2395	0.018869	0.052148	1.095749	0.052148
2.3	-0.04383	0.383248	32.6827	0	35.99158	0.043831	0.114369	1.107926	0.114369	2.3	-0.01976	0.362497	32.6592	0	32.2277	0.019756	0.054499	1.107552	0.054499
2.31	-0.04668	0.385582	32.683	0	35.98475	0.046675	0.12105	1.11475	0.12105	2.31	-0.01887	0.364831	32.6595	0	32.22475	0.018869	0.051721	1.1105	0.051721
2.32	-0.04501	0.385764	32.683	0	35.98475	0.045013	0.116686	1.11475	0.116686	2.32	-0.01784	0.366071	32.6596	0	32.22168	0.017835	0.048721	1.113575	0.048721
2.33	-0.04693	0.388791	32.6842	0	35.97236	0.046933	0.120716	1.127148	0.120716	2.33	-0.01931	0.368113	32.66	0	32.2145	0.019312	0.052463	1.120751	0.052463
2.34	-0.04612	0.388973	32.6845	0	35.96925	0.046121	0.118571	1.130249	0.118571	2.34	-0.01909	0.369207	32.66	0	32.2145	0.019091	0.051708	1.120751	0.051708
2.35	-0.04719	0.391198	32.6847	0	35.9661	0.047192	0.120634	1.1334	0.120634	2.35	-0.0185	0.371103	32.6612	0	32.2021	0.0185	0.049851	1.13148	0.049851
2.36	-0.04583	0.392036	32.685	0	35.95875	0.045826	0.116891	1.140751	0.116891	2.36	-0.02061	0.372599	32.6615	0	32.199	0.020605	0.053	1.13625	0.053
2.37	-0.04786	0.394516	32.685	0	35.95875	0.047856	0.121304	1.140751	0.121304	2.37	-0.01854	0.374422	32.6617	0	32.19608	0.018537	0.049508	1.139176	0.049508
2.38	-0.04638	0.394735	32.6862	0	35.94715	0.046379	0.117495	1.152352	0.117495	2.38	-0.02245	0.375443	32.662	0	32.18925	0.022451	0.059799	1.146	0.059799
2.39	-0.04819	0.39696	32.6865	0	35.94425	0.048189	0.121395	1.155251	0.121395	2.39	-0.01577	0.377121	32.662	0	32.18925	0.015768	0.04181	1.146	0.04181
2.4	-0.04752	0.39747	32.6866	0	35.94118	0.047524	0.119566	1.158326	0.119566	2.4	-0.0212	0.378251	32.6628	0	32.17725	0.021196	0.056036	1.158001	0.056036
2.41	-0.04789	0.399804	32.687	0	35.934	0.047893	0.119792	1.165501	0.119792	2.41	-0.01861	0.380111	32.663	0	32.17425	0.018611	0.048962	1.160999	0.048962
2.42	-0.04834	0.400132	32.687	0	35.934	0.048336	0.120801	1.165501	0.120801	2.42	-0.02053	0.381205	32.6633	0	32.17133	0.020531	0.053858	1.163925	0.053858
2.43	-0.0497	0.402665	32.6882	0	35.9216	0.049703	0.123428	1.177899	0.123428	2.43	-0.01861	0.383722	32.664	0	32.1645	0.018611	0.048501	1.17075	0.048501
2.44	-0.04845	0.403378	32.6885	0	35.9185	0.048447	0.120104	1.181											

3.01	-0.05879	0.482916	32.7111	0.3563125	0.058787	0.121733	1.468251	0.121733	3.01	-0.02548	0.475768	32.687	0.3187175	0.025479	0.053554	1.463499	0.053554
3.02	-0.05986	0.484083	32.7111	0.3563125	0.059857	0.123651	1.468251	0.123651	3.02	-0.02574	0.477665	32.6873	0.3186668	0.025738	0.053882	1.466574	0.053882
3.03	-0.05916	0.485286	32.7118	0.3561905	0.059156	0.121899	1.48045	0.121899	3.03	-0.02518	0.479067	32.688	0.318615	0.025184	0.052566	1.473749	0.052566
3.04	-0.05956	0.487	32.712	0.35616	0.059562	0.122304	1.483502	0.122304	3.04	-0.026	0.480983	32.688	0.318615	0.025996	0.054048	1.473749	0.054048
3.05	-0.05879	0.488459	32.7123	0.3561308	0.058787	0.120351	1.486428	0.120351	3.05	-0.02548	0.482588	32.6892	0.318497	0.025479	0.052797	1.485548	0.052797
3.06	-0.06082	0.490356	32.713	0.3560625	0.060818	0.124027	1.493252	0.124027	3.06	-0.02622	0.484302	32.6895	0.3184675	0.026218	0.054135	1.488499	0.054135
3.07	-0.05967	0.491158	32.713	0.3560625	0.059673	0.121494	1.493252	0.121494	3.07	-0.02544	0.486089	32.6897	0.3184368	0.025442	0.052341	1.491573	0.052341
3.08	-0.06082	0.493127	32.7138	0.3559385	0.060818	0.12333	1.50565	0.12333	3.08	-0.02552	0.48773	32.69	0.318365	0.025516	0.052316	1.498749	0.052316
3.09	-0.06041	0.494148	32.714	0.3559075	0.060411	0.122254	1.508751	0.122254	3.09	-0.02626	0.488987	32.69	0.318365	0.026255	0.053702	1.498749	0.053702
3.1	-0.06152	0.49568	32.7143	0.3558768	0.061519	0.124111	1.511826	0.124111	3.1	-0.02592	0.490283	32.6908	0.318241	0.025922	0.052872	1.511151	0.052872
3.11	-0.0603	0.496592	32.715	0.355805	0.060301	0.121429	1.519001	0.121429	3.11	-0.02533	0.492179	32.691	0.31821	0.025331	0.051468	1.51425	0.051468
3.12	-0.06071	0.498707	32.715	0.355805	0.060707	0.121728	1.519001	0.121728	3.12	-0.02589	0.494002	32.6913	0.31818	0.025885	0.052399	1.51725	0.052399
3.13	-0.061	0.4994	32.7158	0.355683	0.061002	0.122151	1.531201	0.122151	3.13	-0.02544	0.495425	32.692	0.31811	0.025442	0.051354	1.52425	0.051354
3.14	-0.06226	0.501551	32.716	0.3556252	0.062258	0.12413	1.534253	0.12413	3.14	-0.02574	0.497467	32.692	0.31811	0.025738	0.051737	1.52425	0.051737
3.15	-0.06204	0.502317	32.7163	0.3556233	0.062036	0.1235	1.537178	0.1235	3.15	-0.02456	0.498878	32.6928	0.31799	0.024556	0.049232	1.536249	0.049232
3.16	-0.06333	0.504724	32.717	0.355555	0.063329	0.125472	1.544003	0.125472	3.16	-0.02544	0.500311	32.693	0.31796	0.025442	0.050853	1.53925	0.050853
3.17	-0.06156	0.505453	32.717	0.355555	0.061556	0.121784	1.544003	0.121784	3.17	-0.02574	0.502244	32.6933	0.3179308	0.025738	0.051245	1.542175	0.051245
3.18	-0.06292	0.507569	32.7178	0.355431	0.062922	0.123968	1.556401	0.123968	3.18	-0.02544	0.503338	32.694	0.3178625	0.025442	0.050547	1.549	0.050547
3.19	-0.0623	0.508225	32.718	0.3554	0.062295	0.122573	1.559502	0.122573	3.19	-0.02437	0.504906	32.694	0.3178625	0.024371	0.048269	1.549	0.048269
3.2	-0.06311	0.509358	32.7183	0.3553708	0.063107	0.123851	1.562428	0.123851	3.2	-0.02447	0.50662	32.6948	0.3177345	0.024704	0.048762	1.561798	0.048762
3.21	-0.06244	0.510924	32.719	0.3553205	0.062442	0.122215	1.569252	0.122215	3.21	-0.02463	0.508517	32.695	0.3177025	0.02463	0.048435	1.564999	0.048435
3.22	-0.06311	0.512601	32.719	0.3553025	0.063107	0.123111	1.569252	0.123111	3.22	-0.02555	0.510158	32.6953	0.3176733	0.025553	0.050088	1.567925	0.050088
3.23	-0.06278	0.513586	32.7198	0.3551805	0.062775	0.122228	1.581452	0.122228	3.23	-0.02334	0.511288	32.696	0.317605	0.023337	0.045644	1.574749	0.045644
3.24	-0.06396	0.51513	32.72	0.35515	0.063956	0.124115	1.5845	0.124115	3.24	-0.02533	0.513258	32.696	0.317605	0.025331	0.049354	1.574749	0.049354
3.25	-0.063	0.516394	32.7203	0.3551208	0.062996	0.121993	1.587426	0.121993	3.25	-0.02478	0.514972	32.6968	0.317483	0.024778	0.048114	1.58695	0.048114
3.26	-0.06385	0.518837	32.721	0.3550525	0.063846	0.123055	1.59425	0.123055	3.26	-0.02526	0.516193	32.697	0.3174525	0.025258	0.048891	1.59	0.048891
3.27	-0.0637	0.51953	32.721	0.3550525	0.063698	0.122607	1.59425	0.122607	3.27	-0.02463	0.517889	32.6973	0.3174225	0.02463	0.047558	1.593001	0.047558
3.28	-0.06447	0.521244	32.7218	0.3549305	0.064473	0.123691	1.60645	0.123691	3.28	-0.02433	0.519822	32.698	0.3173525	0.024334	0.046813	1.599999	0.046813
3.29	-0.06314	0.522338	32.722	0.3549	0.063144	0.120887	1.609501	0.120887	3.29	-0.02447	0.521171	32.698	0.3173525	0.024704	0.0474	1.599999	0.0474
3.3	-0.06444	0.523907	32.7223	0.3548685	0.064436	0.122992	1.612652	0.122992	3.3	-0.02467	0.522302	32.6988	0.3172305	0.024667	0.047227	1.6122	0.047227
3.31	-0.06381	0.524709	32.723	0.354795	0.063809	0.121608	1.620003	0.121608	3.31	-0.02452	0.523432	32.699	0.3172	0.024519	0.046843	1.61525	0.046843
3.32	-0.06499	0.526496	32.723	0.354795	0.06499	0.123439	1.620003	0.123439	3.32	-0.02437	0.525475	32.6993	0.3171708	0.024371	0.04638	1.618176	0.04638
3.33	-0.06433	0.5281	32.7238	0.354673	0.064326	0.121806	1.632203	0.121806	3.33	-0.02437	0.526997	32.7	0.3171025	0.024371	0.046248	1.625	0.046248
3.34	-0.06488	0.52996	32.724	0.3546425	0.064879	0.122423	1.635251	0.122423	3.34	-0.02426	0.529085	32.7	0.3171025	0.024261	0.045854	1.625	0.045854
3.35	-0.06381	0.531018	32.7243	0.3546133	0.063809	0.120163	1.638176	0.120163	3.35	-0.02456	0.530361	32.7008	0.3169805	0.024556	0.0463	1.6372	0.0463
3.36	-0.06503	0.532878	32.725	0.354545	0.065027	0.12203	1.645001	0.12203	3.36	-0.02419	0.532294	32.701	0.31695	0.024187	0.045339	1.640249	0.045339
3.37	-0.06525	0.534118	32.725	0.354545	0.065249	0.122162	1.645001	0.122162	3.37	-0.02489	0.533554	32.7013	0.3169185	0.024888	0.046648	1.643398	0.046648
3.38	-0.06558	0.535504	32.7258	0.354421	0.065581	0.122466	1.657399	0.122466	3.38	-0.02352	0.535212	32.702	0.316845	0.023522	0.043949	1.650749	0.043949
3.39	-0.06333	0.536889	32.726	0.35439	0.063329	0.117955	1.6605	0.117955	3.39	-0.02422	0.536525	32.702	0.316845	0.024224	0.045149	1.650749	0.045149
3.4	-0.06599	0.538494	32.7263	0.3543608	0.065987	0.12254	1.663426	0.12254	3.4	-0.02334	0.538239	32.7028	0.316727	0.023337	0.043359	1.662548	0.043359
3.41	-0.06529	0.539989	32.727	0.3542925	0.065286	0.120902	1.67025	0.120902	3.41	-0.02415	0.539479	32.703	0.3166975	0.02415	0.044765	1.665499	0.044765
3.42	-0.06547	0.541339	32.727	0.3542925	0.06547	0.120941	1.67025	0.120941	3.42	-0.02326	0.541339	32.7033	0.316666	0.023264	0.042974	1.668648	0.042974
3.43	-0.06462	0.542615	32.7278	0.3541725	0.064621	0.119092	1.682251	0.119092	3.43	-0.02437	0.542651	32.704	0.3165925	0.024371	0.044912	1.675999	0.044912
3.44	-0.06665	0.544657	32.728	0.3541425	0.066652	0.122374	1.68525	0.122374	3.44	-0.02312	0.544912	32.704	0.3165925	0.023116	0.042421	1.675999	0.042421
3.45	-0.06481	0.54535	32.7283	0.3541125	0.064806	0.118833	1.688252	0.118833	3.45	-0.02445	0.545897	32.7048	0.3164745	0.024445	0.04478	1.6878	0.04478
3.46	-0.06536	0.547392	32.729	0.3540425	0.065359	0.119402	1.695252	0.119402	3.46	-0.02323	0.548377	32.705	0.316445	0.023227	0.042355	1.69075	0.042355
3.47	-0.06447	0.548742	32.729	0.3540425	0.064769	0.118031	1.695252	0.118031	3.47	-0.02389	0.548924	32.7053	0.316415	0.023891	0.043524	1.693751	0.043524
3.48	-0.06551	0.550383	32.7298	0.3539185	0.065507	0.119021	1.70765	0.119021	3.48	-0.02352	0.551404	32.706	0.316345	0.023522	0.042658	1.700749	0.042658
3.49	-0.06588	0.551185	32.73	0.3538875	0.065876	0.119518	1.710751	0.119518	3.49	-0.02485	0.551768	32.706	0.316345	0.024851	0.04504	1.700749	0.04504
3.5	-0.06617	0.552935	32.7303	0.3538568	0.066172	0.119674	1.713826	0.119674	3.5	-0.02371	0.554139	32.7068	0.316225	0.023707	0.042781	1.71275	0.042781
3.51	-0.06599	0.553847	32.731	0.353785	0.065987	0.119143	1.721001	0.119143	3.51	-0.0247	0.554905	32.707	0.316195	0.024704	0.044519	1.71575	0.044519
3.52	-0.06665	0.555598	32.731	0.353785	0.066652	0.119964	1.721001	0.119964	3.52	-0.02382	0.557275	32.7073	0.3161605	0.023817	0.042739	1.718999	0.042739
3.53	-0.06506	0.556473	32.7318	0.353669	0.065064	0.116922	1.732602	0.116922	3.53	-0.02433	0.55932	32.708	0.31613	0.024334	0.043615	1.72625	0.043615
3.54	-0.06595	0.558807	32.732	0.35364	0.06595	0.11802	1.735501	0.11802	3.54	-0.02337	0.56074	32.708	0.316109	0.023374	0.041685	1.72625	0.041685
3.55	-0.06706	0.559974	32.7323	0.3536085	0.067058	0.119752	1.738652	0.119752	3.55	-0.02456	0.561396	32.7088	0.315974	0.024556	0.043741	1.73785	0.043741
3.56</																	

4.1	-0.07932	0.638454	32.7542	0	35.0835	0.079318	0.124234	2.016003	0.124234	4.1	-0.02337	0.646587	32.7308	0	31.32005	0.023374	0.03615	2.0152	0.03615
4.11	-0.08028	0.639256	32.7545	0	35.0765	0.080278	0.12558	2.023003	0.12558	4.11	-0.02481	0.647535	32.731	0	31.317	0.024814	0.038321	2.01825	0.038321
4.12	-0.07991	0.641299	32.7545	0	35.0765	0.079908	0.124604	2.023003	0.124604	4.12	-0.02374	0.647523	32.7312	0	31.31408	0.023744	0.036544	2.021176	0.036544
4.13	-0.08068	0.642137	32.7557	0	35.0641	0.080684	0.125649	2.035401	0.125649	4.13	-0.0247	0.650671	32.7315	0	31.30725	0.024704	0.037966	2.028	0.037966
4.14	-0.07976	0.644007	32.7556	0	35.061	0.079761	0.123839	2.038502	0.123839	4.14	-0.02548	0.653516	32.7315	0	31.30725	0.025479	0.038988	2.028	0.038988
4.15	-0.08091	0.645383	32.7561	0	35.05808	0.080905	0.12536	2.041428	0.12536	4.15	-0.02378	0.654136	32.7327	0	31.29505	0.023781	0.036354	2.040199	0.036354
4.16	-0.08061	0.647316	32.7565	0	35.05125	0.08061	0.12453	2.048253	0.12453	4.16	-0.02474	0.656506	32.733	0	31.292	0.024741	0.037685	2.043249	0.037685
4.17	-0.08209	0.647754	32.7565	0	35.05125	0.082087	0.126726	2.048253	0.126726	4.17	-0.02459	0.657199	32.7332	0	31.28893	0.024593	0.037421	2.046324	0.037421
4.18	-0.08065	0.650306	32.7577	0	35.03925	0.080647	0.124014	2.060254	0.124014	4.18	-0.02367	0.659752	32.7335	0	31.28175	0.02367	0.035877	2.053499	0.035877
4.19	-0.08183	0.650926	32.758	0	35.03625	0.081829	0.125711	2.063252	0.125711	4.19	-0.02529	0.660591	32.7335	0	31.28175	0.025294	0.038291	2.053499	0.038291
4.2	-0.0812	0.652932	32.7582	0	35.03325	0.081201	0.124363	2.06625	0.124363	4.2	-0.02441	0.662596	32.7347	0	31.26975	0.024408	0.036837	2.065499	0.036837
4.21	-0.08183	0.653224	32.7585	0	35.02625	0.081829	0.125269	2.07325	0.125269	4.21	-0.02437	0.6638	32.735	0	31.26675	0.024371	0.036715	2.068499	0.036715
4.22	-0.08035	0.655303	32.7585	0	35.02625	0.080352	0.122618	2.07325	0.122618	4.22	-0.02445	0.665805	32.7351	0	31.26368	0.024445	0.036715	2.071573	0.036715
4.23	-0.08209	0.656287	32.7597	0	35.01385	0.082087	0.125078	2.085652	0.125078	4.23	-0.02474	0.666644	32.7355	0	31.2565	0.024741	0.037112	2.078749	0.037112
4.24	-0.08153	0.658184	32.76	0	35.01075	0.081533	0.123876	2.088753	0.123876	4.24	-0.0233	0.668978	32.7355	0	31.2565	0.0233	0.03483	2.078749	0.03483
4.25	-0.08264	0.659059	32.7602	0	35.00768	0.082641	0.125392	2.091828	0.125392	4.25	-0.02544	0.670255	32.7367	0	31.2447	0.02544	0.037959	2.09055	0.037959
4.26	-0.0822	0.661612	32.7605	0	35.0005	0.082198	0.124239	2.098999	0.124239	4.26	-0.0243	0.672187	32.737	0	31.24175	0.024297	0.036147	2.0935	0.036147
4.27	-0.0826	0.662305	32.7605	0	35.0005	0.082604	0.124722	2.098999	0.124722	4.27	-0.02504	0.673355	32.7372	0	31.23868	0.025036	0.037181	2.096575	0.037181
4.28	-0.08224	0.664128	32.7617	0	34.9889	0.082235	0.123824	2.110604	0.123824	4.28	-0.02356	0.675141	32.7375	0	31.2315	0.023559	0.034895	2.10375	0.034895
4.29	-0.08345	0.664967	32.762	0	34.986	0.083453	0.1255	2.113503	0.1255	4.29	-0.02526	0.676783	32.7375	0	31.2315	0.025258	0.03732	2.10375	0.03732
4.3	-0.08297	0.66679	32.7621	0	34.98285	0.082973	0.124437	2.116654	0.124437	4.3	-0.0233	0.677949	32.7383	0	31.2193	0.0233	0.034369	2.11595	0.034369
4.31	-0.08464	0.667556	32.7625	0	34.9755	0.084635	0.126783	2.124001	0.126783	4.31	-0.02526	0.679189	32.7385	0	31.21625	0.025258	0.037188	2.119	0.037188
4.32	-0.0839	0.669489	32.7625	0	34.9755	0.083896	0.125314	2.124001	0.125314	4.32	-0.02367	0.681086	32.7388	0	31.21333	0.02367	0.034753	2.121925	0.034753
4.33	-0.08471	0.670765	32.7633	0	34.9635	0.084709	0.126287	2.136002	0.126287	4.33	-0.02541	0.682617	32.7395	0	31.2065	0.025405	0.037127	2.12875	0.037127
4.34	-0.08397	0.672844	32.7635	0	34.9605	0.08397	0.124799	2.139	0.124799	4.34	-0.02411	0.684368	32.7395	0	31.2065	0.024113	0.035234	2.12875	0.035234
4.35	-0.0853	0.673318	32.7638	0	34.95743	0.0853	0.126686	2.142075	0.126686	4.35	-0.02685	0.686155	32.7407	0	31.1941	0.026845	0.039124	2.14115	0.039124
4.36	-0.0856	0.675287	32.7645	0	34.95025	0.085595	0.126754	2.14925	0.126754	4.36	-0.02227	0.687723	32.741	0	31.191	0.022267	0.032377	2.144249	0.032377
4.37	-0.08475	0.677111	32.7645	0	34.95025	0.084746	0.125158	2.14925	0.125158	4.37	-0.0264	0.689619	32.7411	0	31.18808	0.026402	0.038285	2.147175	0.038285
4.38	-0.08563	0.678752	32.7657	0	34.93805	0.085632	0.126161	2.16145	0.126161	4.38	-0.02301	0.690495	32.7415	0	31.18125	0.023005	0.033317	2.153999	0.033317
4.39	-0.08626	0.679627	32.766	0	34.935	0.08626	0.126922	2.16450	0.126922	4.39	-0.02614	0.692355	32.7415	0	31.18125	0.026144	0.037761	2.153999	0.037761
4.4	-0.0853	0.681122	32.7662	0	34.93208	0.0853	0.125234	2.167427	0.125234	4.4	-0.02334	0.693485	32.7423	0	31.16925	0.023337	0.033652	2.159999	0.033652
4.41	-0.0867	0.682143	32.7665	0	34.92525	0.086703	0.127104	2.174252	0.127104	4.41	-0.02637	0.695163	32.7425	0	31.16625	0.026365	0.037927	2.168999	0.037927
4.42	-0.0856	0.683456	32.7665	0	34.92525	0.085595	0.125239	2.174252	0.125239	4.42	-0.02385	0.696585	32.7428	0	31.16325	0.023854	0.034245	2.171999	0.034245
4.43	-0.08685	0.685134	32.7673	0	34.91305	0.086851	0.126764	2.186451	0.126764	4.43	-0.02633	0.699138	32.7435	0	31.15625	0.026328	0.037658	2.178999	0.037658
4.44	-0.08589	0.686884	32.7675	0	34.91	0.085891	0.125044	2.189503	0.125044	4.44	-0.02404	0.699904	32.7435	0	31.15625	0.024039	0.034346	2.178999	0.034346
4.45	-0.08718	0.688343	32.7678	0	34.907	0.087183	0.126656	2.192502	0.126656	4.45	-0.02559	0.702383	32.7447	0	31.14385	0.02559	0.036433	2.191401	0.036433
4.46	-0.08615	0.689619	32.7685	0	34.9	0.086149	0.124923	2.199501	0.124923	4.46	-0.02448	0.703623	32.7445	0	31.14075	0.024482	0.034794	2.1945	0.034794
4.47	-0.08789	0.691443	32.7685	0	34.9	0.087885	0.127103	2.199501	0.127103	4.47	-0.026	0.705629	32.7452	0	31.13768	0.025996	0.036841	2.197575	0.036841
4.48	-0.08726	0.692621	32.7697	0	34.8878	0.087257	0.125983	2.211701	0.125983	4.48	-0.0243	0.706541	32.7458	0	31.1305	0.024297	0.034389	2.20475	0.034389
4.49	-0.0877	0.694251	32.77	0	34.88475	0.0877	0.126323	2.214753	0.126323	4.49	-0.02644	0.708765	32.7455	0	31.1305	0.026439	0.037303	2.20475	0.037303
4.5	-0.0867	0.694907	32.7701	0	34.88182	0.086703	0.124769	2.217679	0.124769	4.5	-0.02529	0.709604	32.7463	0	31.1189	0.025294	0.035646	2.216351	0.035646
4.51	-0.0887	0.696658	32.7705	0	34.875	0.088697	0.127318	2.224503	0.127318	4.51	-0.02589	0.711573	32.7465	0	31.1116	0.025885	0.036378	2.21925	0.036378
4.52	-0.08859	0.697861	32.7705	0	34.875	0.088586	0.126939	2.224503	0.126939	4.52	-0.02437	0.712558	32.7468	0	31.11285	0.024371	0.034203	2.222401	0.034203
4.53	-0.08899	0.699539	32.7713	0	34.8628	0.088992	0.127216	2.236702	0.127216	4.53	-0.02581	0.714856	32.7475	0	31.1055	0.025811	0.036107	2.22975	0.036107
4.54	-0.08885	0.700815	32.7715	0	34.85975	0.088845	0.126773	2.23975	0.126773	4.54	-0.02385	0.716169	32.7475	0	31.1055	0.023854	0.033308	2.22975	0.033308
4.55	-0.09017	0.703003	32.7718	0	34.8566	0.090174	0.12827	2.242901	0.12827	4.55	-0.02699	0.718174	32.7487	0	31.0933	0.026993	0.037586	2.241949	0.037586
4.56	-0.08892	0.703915	32.7725	0	34.84925	0.088918	0.12632	2.250252	0.12632	4.56	-0.02478	0.719742	32.749	0	31.09025	0.024778	0.034426	2.244999	0.034426
4.57	-0.08999	0.705629	32.7725	0	34.84925	0.089989	0.127531	2.250252	0.127531	4.57	-0.02592	0.721748	32.7491	0	31.08725	0.025922	0.035916	2.247999	0.035916
4.58	-0.08888	0.706687	32.7737	0	34.83765	0.088882	0.125772	2.261853	0.125772	4.58	-0.0257	0.72328	32.7495	0	31.08025	0.025701	0.035534	2.254999	0.035534
4.59	-0.09051	0.70851	32.774	0	34.83475	0.090506	0.127742	2.264752	0.127742	4.59	-0.02614	0.724848	32.7495	0	31.08025	0.026144	0.036068	2.254999	0.036068
4.6	-0.08973	0.709239	32.7742	0	34.8316	0.089731	0.126517	2.267903	0.126517	4.6	-0.02548	0.725906	32.7503	0	31.06805	0.025479	0.0351	2.267201	0.0351
4.61	-0.09088	0.711245	32.7745	0	34.82425	0.090876	0.12777	2.27525	0.12777	4.61	-0.026	0.728021	32.7505	0	31.065	0.025996	0.035708	2.27025	0.035708
4.62	-0.09036	0.712376	32.7745	0	34.82425	0.090359	0.126841	2.27525	0.126841										

5.19	-0.09808	0.795086	32.7975	0	34.5315	0.098076	0.123353	2.568001	0.123353	5.19	-0.0288	0.82076	32.7735	0	30.778	0.028802	0.035092	2.557249	0.035092
5.2	-0.099	0.795524	32.7978	0	34.52858	0.098999	0.124445	2.570927	0.124445	5.2	-0.03013	0.82138	32.7743	0	30.7658	0.030132	0.036684	2.569451	0.036684
5.21	-0.09756	0.79753	32.7985	0	34.52175	0.097559	0.122327	2.577927	0.122327	5.21	-0.02906	0.823714	32.7745	0	30.76275	0.029061	0.03528	2.5725	0.03528
5.22	-0.09882	0.798113	32.7985	0	34.52175	0.098815	0.12381	2.577752	0.12381	5.22	-0.02976	0.824266	32.7748	0	30.7596	0.029763	0.036092	2.575649	0.036092
5.23	-0.09815	0.800119	32.7993	0	34.50955	0.09815	0.122669	2.589951	0.122669	5.23	-0.02954	0.826705	32.7755	0	30.75225	0.029541	0.035733	2.583	0.035733
5.24	-0.09948	0.800885	32.7995	0	34.5065	0.099479	0.124212	2.593003	0.124212	5.24	-0.02954	0.827981	32.7755	0	30.75225	0.029541	0.035678	2.583	0.035678
5.25	-0.09856	0.803474	32.7998	0	34.50343	0.098556	0.122663	2.596707	0.122663	5.25	-0.02891	0.830023	32.7763	0	30.74005	0.028913	0.034834	2.5952	0.034834
5.26	-0.09992	0.804605	32.8005	0	34.49625	0.099922	0.124188	2.603253	0.124188	5.26	-0.02939	0.831336	32.7765	0	30.737	0.029393	0.035357	2.59825	0.035357
5.27	-0.09918	0.806282	32.8005	0	34.49625	0.099184	0.123014	2.603253	0.123014	5.27	-0.02954	0.833014	32.7768	0	30.73408	0.029541	0.035463	2.601175	0.035463
5.28	-0.10029	0.807413	32.8013	0	34.48425	0.100292	0.124214	2.615254	0.124214	5.28	-0.03032	0.834509	32.7775	0	30.72725	0.030316	0.036329	2.608	0.036329
5.29	-0.09955	0.80909	32.8015	0	34.48125	0.099553	0.123043	2.618252	0.123043	5.29	-0.02936	0.836186	32.7775	0	30.72725	0.029356	0.035107	2.608	0.035107
5.3	-0.1007	0.810111	32.8017	0	34.4781	0.100698	0.124301	2.621403	0.124301	5.3	-0.03124	0.837135	32.7783	0	30.71505	0.03124	0.037317	2.620199	0.037317
5.31	-0.09893	0.811461	32.802	0	34.47075	0.098925	0.12191	2.62875	0.12191	5.31	-0.03032	0.838958	32.7785	0	30.712	0.030316	0.036136	2.623249	0.036136
5.32	-0.10051	0.812628	32.802	0	34.47075	0.100513	0.123689	2.62875	0.123689	5.32	-0.03043	0.840307	32.7787	0	30.70885	0.030427	0.03621	2.6284	0.03621
5.33	-0.09955	0.814415	32.8032	0	34.45915	0.099553	0.122239	2.640351	0.122239	5.33	-0.02984	0.842167	32.779	0	30.7015	0.029836	0.035428	2.633749	0.035428
5.34	-0.10125	0.8158	32.8035	0	34.45625	0.101252	0.124113	2.64325	0.124113	5.34	-0.03043	0.844261	32.779	0	30.7015	0.030427	0.036083	2.633749	0.036083
5.35	-0.10044	0.817478	32.8038	0	34.45318	0.100439	0.122865	2.646325	0.122865	5.35	-0.03008	0.845449	32.7802	0	30.6897	0.030797	0.036426	2.645548	0.036426
5.36	-0.1014	0.819119	32.8045	0	34.446	0.1014	0.123791	2.6535	0.123791	5.36	-0.03032	0.846908	32.7805	0	30.68675	0.030316	0.035797	2.648499	0.035797
5.37	-0.10059	0.820468	32.8045	0	34.446	0.100587	0.122597	2.6535	0.122597	5.37	-0.03054	0.848732	32.7808	0	30.68368	0.030538	0.035981	2.651573	0.035981
5.38	-0.10221	0.821927	32.8053	0	34.4336	0.102212	0.124356	2.665902	0.124356	5.38	-0.03043	0.849862	32.7815	0	30.6765	0.030427	0.035803	2.658749	0.035803
5.39	-0.10059	0.823532	32.8055	0	34.4305	0.100587	0.122141	2.669003	0.122141	5.39	-0.03102	0.85216	32.7815	0	30.6765	0.031018	0.036399	2.658749	0.036399
5.4	-0.10203	0.824735	32.8056	0	34.4275	0.102027	0.123709	2.672001	0.123709	5.4	-0.03117	0.853108	32.7823	0	30.6647	0.031166	0.036532	2.67055	0.036532
5.41	-0.10162	0.826267	32.806	0	34.4205	0.101621	0.122988	2.679001	0.122988	5.41	-0.03135	0.854858	32.7825	0	30.66175	0.03135	0.036673	2.6735	0.036673
5.42	-0.10291	0.827361	32.806	0	34.4205	0.102914	0.124388	2.679001	0.124388	5.42	-0.03109	0.855989	32.7826	0	30.6596	0.031092	0.036323	2.676651	0.036323
5.43	-0.10177	0.829075	32.8072	0	34.4085	0.101769	0.12275	2.691002	0.12275	5.43	-0.03065	0.858031	32.783	0	30.65125	0.030649	0.03572	2.684	0.03572
5.44	-0.10214	0.830461	32.8075	0	34.4055	0.102138	0.12299	2.694001	0.12299	5.44	-0.03117	0.859782	32.783	0	30.65125	0.031166	0.036248	2.684	0.036248
5.45	-0.10173	0.832138	32.8078	0	34.40258	0.101732	0.122254	2.696927	0.122254	5.45	-0.03043	0.861131	32.7842	0	30.63945	0.030427	0.035334	2.695799	0.035334
5.46	-0.10314	0.833415	32.8085	0	34.39575	0.103135	0.12375	2.703751	0.12375	5.46	-0.03113	0.862444	32.7845	0	30.6365	0.031129	0.036094	2.69875	0.036094
5.47	-0.1014	0.835603	32.8085	0	34.39575	0.1014	0.121349	2.703751	0.121349	5.47	-0.03061	0.864559	32.7848	0	30.63343	0.030612	0.035408	2.701824	0.035408
5.48	-0.1035	0.836515	32.8093	0	34.38335	0.103504	0.123733	2.716149	0.123733	5.48	-0.03142	0.866589	32.7855	0	30.62625	0.031424	0.0363	2.709	0.0363
5.49	-0.10314	0.838192	32.8095	0	34.38025	0.103135	0.123045	2.71925	0.123045	5.49	-0.03072	0.867841	32.7855	0	30.62625	0.030723	0.035401	2.709	0.035401
5.5	-0.10446	0.839213	32.8098	0	34.37733	0.104464	0.124479	2.722176	0.124479	5.5	-0.03183	0.868935	32.7863	0	30.61425	0.03183	0.036632	2.720999	0.036632
5.51	-0.10288	0.841328	32.8105	0	34.3705	0.102877	0.122279	2.729001	0.122279	5.51	-0.03028	0.870831	32.7865	0	30.61125	0.03028	0.036471	2.723999	0.036471
5.52	-0.10436	0.842313	32.8105	0	34.3705	0.104368	0.123539	2.729001	0.123539	5.52	-0.03216	0.871816	32.7867	0	30.60818	0.032163	0.036892	2.727074	0.036892
5.53	-0.10291	0.843845	32.8113	0	34.3583	0.102914	0.121958	2.7412	0.121958	5.53	-0.03083	0.873931	32.787	0	30.601	0.030833	0.035281	2.734249	0.035281
5.54	-0.10421	0.845231	32.8115	0	34.35525	0.104206	0.123287	2.744252	0.123287	5.54	-0.03183	0.875536	32.787	0	30.601	0.03183	0.035645	2.734249	0.035645
5.55	-0.10302	0.84709	32.8118	0	34.35218	0.103024	0.121621	2.747326	0.121621	5.55	-0.03128	0.877505	32.7882	0	30.589	0.031277	0.036353	2.746248	0.036353
5.56	-0.10472	0.848403	32.8125	0	34.345	0.104723	0.123435	2.754502	0.123435	5.56	-0.03216	0.879219	32.7885	0	30.586	0.032163	0.036581	2.749249	0.036581
5.57	-0.10398	0.850227	32.8125	0	34.345	0.103984	0.122302	2.754502	0.122302	5.57	-0.03161	0.881159	32.7888	0	30.583	0.031609	0.035854	2.752249	0.035854
5.58	-0.10483	0.851467	32.8133	0	34.3326	0.104834	0.123121	2.7669	0.123121	5.58	-0.03261	0.882647	32.7895	0	30.576	0.032606	0.036941	2.759249	0.036941
5.59	-0.10376	0.852998	32.8135	0	34.3295	0.103763	0.121645	2.770001	0.121645	5.59	-0.03161	0.884507	32.7895	0	30.576	0.031609	0.035736	2.759249	0.035736
5.6	-0.10432	0.854019	32.8137	0	34.32658	0.104317	0.122148	2.772927	0.122148	5.6	-0.0322	0.885852	32.7903	0	30.5636	0.0322	0.03635	2.77165	0.03635
5.61	-0.10369	0.856171	32.814	0	34.31975	0.103689	0.121108	2.779751	0.121108	5.61	-0.03187	0.887488	32.7905	0	30.5605	0.031867	0.035907	2.77475	0.035907
5.62	-0.10502	0.856572	32.814	0	34.31975	0.105018	0.122603	2.779751	0.122603	5.62	-0.03227	0.888409	32.7906	0	30.55758	0.032274	0.036327	2.777676	0.036327
5.63	-0.10454	0.858432	32.8152	0	34.30755	0.104538	0.121778	2.791951	0.121778	5.63	-0.03183	0.890233	32.791	0	30.55075	0.03183	0.035755	2.7845	0.035755
5.64	-0.10498	0.859563	32.8155	0	34.3045	0.104981	0.122133	2.795002	0.122133	5.64	-0.03216	0.892202	32.791	0	30.55075	0.032163	0.036049	2.7845	0.036049
5.65	-0.10428	0.861423	32.8157	0	34.30143	0.10428	0.121055	2.798077	0.121055	5.65	-0.03275	0.893916	32.7922	0	30.53875	0.032754	0.036641	2.796499	0.036641
5.66	-0.10524	0.862808	32.816	0	34.29425	0.10524	0.121974	2.805253	0.121974	5.66	-0.03227	0.895521	32.7925	0	30.53575	0.032274	0.036039	2.7995	0.036039
5.67	-0.10432	0.864778	32.816	0	34.29425	0.104317	0.120628	2.805253	0.120628	5.67	-0.03187	0.897308	32.7928	0	30.5326	0.031867	0.035514	2.802651	0.035514
5.68	-0.10572	0.865617	32.8172	0	34.28225	0.10572	0.122133	2.817254	0.122133	5.68	-0.03128	0.898633	32.7935	0	30.52525	0.031277	0.034802	2.81	0.034802
5.69	-0.10576	0.867732	32.8175	0	34.27925	0.105757	0.121877	2.820252	0.121877	5.69	-0.03231	0.900371	32.7935	0	30.52525	0.03231	0.03586	2.81	0.03586
5.7	-0.1065	0.868657	32.8176	0	34.27618	0.106495	0.12261	2.823327	0.12261	5.7	-0.03154	0.901429	32.7943	0	30.51325	0.031535	0.034983	2.821199	0.034983
5.71	-0.10561	0.870504	32.818	0	34.269	0.105609	0.121315	2.830502	0.121315	5.71									

6.28	-0.11395	0.953104	32.8412	0	33.9802	0.113954	0.119561	3.119301	0.119561	6.28	-0.03157	0.99745	32.817	0	30.22275	0.031572	0.031653	3.112499	0.031653
6.29	-0.11613	0.954016	32.8415	0	33.97725	0.116133	0.121731	3.12225	0.121731	6.29	-0.03689	0.998617	32.817	0	30.22275	0.036889	0.03694	3.112499	0.03694
6.3	-0.11307	0.955548	32.8417	0	33.9741	0.113068	0.118328	3.125401	0.118328	6.3	-0.03334	1.000404	32.8178	0	30.21075	0.033344	0.033331	3.124499	0.033331
6.31	-0.11551	0.956569	32.842	0	33.96675	0.115505	0.12075	3.132752	0.12075	6.31	-0.03538	1.00117	32.818	0	30.20775	0.035375	0.035334	3.127499	0.035334
6.32	-0.11347	0.957955	32.842	0	33.96675	0.113474	0.118455	3.132752	0.118455	6.32	-0.03479	1.003176	32.8183	0	30.20475	0.034785	0.034674	3.130499	0.034674
6.33	-0.11595	0.959523	32.8428	0	33.95455	0.115948	0.12084	3.144951	0.12084	6.33	-0.03475	1.004051	32.819	0	30.19775	0.034748	0.034607	3.137499	0.034607
6.34	-0.11569	0.961346	32.843	0	33.9515	0.11569	0.120342	3.148003	0.120342	6.34	-0.03475	1.007005	32.819	0	30.19775	0.034748	0.034506	3.137499	0.034506
6.35	-0.11687	0.962294	32.8433	0	33.94858	0.116872	0.121451	3.150925	0.121451	6.35	-0.03471	1.007552	32.8198	0	30.18555	0.034711	0.034451	3.1497	0.034451
6.36	-0.11525	0.964628	32.844	0	33.94175	0.115247	0.119473	3.15775	0.119473	6.36	-0.03467	1.010469	32.82	0	30.1825	0.034674	0.034315	3.15275	0.034315
6.37	-0.11621	0.965613	32.844	0	33.94175	0.116207	0.120345	3.15775	0.120345	6.37	-0.03504	1.011308	32.8203	0	30.1795	0.035043	0.034651	3.15575	0.034651
6.38	-0.11632	0.967546	32.8452	0	33.92955	0.116318	0.120219	3.169949	0.120219	6.38	-0.03515	1.013824	32.821	0	30.1725	0.035154	0.034674	3.16275	0.034674
6.39	-0.11713	0.968531	32.8455	0	33.9265	0.11713	0.120936	3.173001	0.120936	6.39	-0.03523	1.014481	32.821	0	30.1725	0.035228	0.034725	3.16275	0.034725
6.4	-0.11554	0.970427	32.8456	0	33.92343	0.115542	0.119063	3.176075	0.119063	6.4	-0.0346	1.016742	32.8218	0	30.1599	0.0346	0.03403	3.17535	0.03403
6.41	-0.11643	0.971594	32.846	0	33.91625	0.116429	0.119832	3.183251	0.119832	6.41	-0.03567	1.016961	32.822	0	30.15675	0.035671	0.035076	3.178499	0.035076
6.42	-0.11536	0.973344	32.846	0	33.91625	0.115358	0.118517	3.183251	0.118517	6.42	-0.03379	1.019769	32.8223	0	30.15383	0.033788	0.033133	3.181425	0.033133
6.43	-0.11695	0.973636	32.8468	0	33.90425	0.116946	0.120112	3.195252	0.120112	6.43	-0.03663	1.020826	32.823	0	30.147	0.036631	0.035884	3.18825	0.035884
6.44	-0.11576	0.976043	32.847	0	33.90125	0.115764	0.118605	3.19825	0.118605	6.44	-0.03456	1.023452	32.823	0	30.1417	0.034563	0.033771	3.18825	0.033771
6.45	-0.11672	0.977064	32.8473	0	33.89818	0.116724	0.119464	3.201325	0.119464	6.45	-0.03667	1.024072	32.8238	0	30.1348	0.036668	0.035806	3.200449	0.035806
6.46	-0.11639	0.979362	32.848	0	33.891	0.116392	0.118844	3.2085	0.118844	6.46	-0.03467	1.026917	32.824	0	30.13175	0.034674	0.033765	3.203499	0.033765
6.47	-0.11724	0.980492	32.848	0	33.891	0.117241	0.119574	3.2085	0.119574	6.47	-0.03623	1.028665	32.8243	0	30.12883	0.036225	0.035243	3.206425	0.035243
6.48	-0.11624	0.982571	32.8488	0	33.8792	0.116244	0.118306	3.220303	0.118306	6.48	-0.03493	1.030345	32.825	0	30.122	0.034932	0.033903	3.212499	0.033903
6.49	-0.11757	0.983191	32.849	0	33.87625	0.117573	0.119583	3.223252	0.119583	6.49	-0.03641	1.030965	32.825	0	30.122	0.036409	0.035316	3.212499	0.035316
6.5	-0.11628	0.98527	32.8493	0	33.87318	0.116281	0.118019	3.226252	0.118019	6.5	-0.03493	1.032627	32.8258	0	30.1102	0.034932	0.033796	3.225048	0.033796
6.51	-0.11746	0.985671	32.85	0	33.866	0.117462	0.119117	3.233502	0.119117	6.51	-0.03682	1.034174	32.826	0	30.10725	0.036815	0.035599	3.227999	0.035599
6.52	-0.11647	0.988078	32.85	0	33.866	0.116465	0.117871	3.233502	0.117871	6.52	-0.03423	1.036143	32.8263	0	30.1041	0.034231	0.033037	3.231148	0.033037
6.53	-0.11791	0.988297	32.8508	0	33.854	0.117906	0.119302	3.245503	0.119302	6.53	-0.03726	1.036836	32.827	0	30.09675	0.037259	0.035935	3.238499	0.035935
6.54	-0.1168	0.990558	32.851	0	33.851	0.116798	0.117911	3.248501	0.117911	6.54	-0.03467	1.039608	32.827	0	30.09675	0.034674	0.033633	3.238499	0.033633
6.55	-0.11713	0.991724	32.8513	0	33.84785	0.11713	0.118108	3.251652	0.118108	6.55	-0.03755	1.040775	32.8278	0	30.08475	0.037554	0.036083	3.2505	0.036083
6.56	-0.11643	0.993876	32.852	0	33.8405	0.116429	0.117146	3.259003	0.117146	6.56	-0.03501	1.043036	32.828	0	30.08175	0.035006	0.035362	3.2535	0.035362
6.57	-0.11713	0.994241	32.852	0	33.8405	0.117167	0.117846	3.259003	0.117846	6.57	-0.0373	1.044495	32.8283	0	30.07875	0.037329	0.035707	3.2565	0.035707
6.58	-0.11639	0.996611	32.8528	0	33.8291	0.116392	0.116787	3.270401	0.116787	6.58	-0.03493	1.04661	32.829	0	30.07175	0.034932	0.033377	3.2635	0.033377
6.59	-0.1172	0.997487	32.853	0	33.82625	0.117204	0.117499	3.273251	0.117499	6.59	-0.03792	1.047886	32.829	0	30.07175	0.037923	0.03619	3.2635	0.03619
6.6	-0.11639	0.999711	32.8533	0	33.8231	0.116392	0.116425	3.276402	0.116425	6.6	-0.03515	1.049819	32.8298	0	30.05995	0.035154	0.033486	3.2757	0.033486
6.61	-0.11739	1.000258	32.854	0	33.81575	0.117389	0.117358	3.283753	0.117358	6.61	-0.03774	1.051241	32.83	0	30.0565	0.037739	0.035899	3.27875	0.035899
6.62	-0.11617	1.002264	32.854	0	33.81575	0.11617	0.115908	3.283753	0.115908	6.62	-0.03563	1.052773	32.8303	0	30.05358	0.035634	0.033848	3.281675	0.033848
6.63	-0.11691	1.002774	32.8548	0	33.80335	0.116909	0.116585	3.296151	0.116585	6.63	-0.03892	1.054377	32.831	0	30.04675	0.03892	0.036913	3.2885	0.036913
6.64	-0.11654	1.004963	32.855	0	33.80025	0.116539	0.115964	3.299252	0.115964	6.64	-0.03405	1.056347	32.831	0	30.04675	0.034046	0.032223	3.2885	0.032223
6.65	-0.11691	1.005947	32.8553	0	33.79733	0.116909	0.116217	3.302178	0.116217	6.65	-0.03944	1.059588	32.8318	0	30.03435	0.039437	0.032726	3.3009	0.032726
6.66	-0.11658	1.008135	32.856	0	33.7905	0.116576	0.115636	3.309002	0.115636	6.66	-0.03512	1.059956	32.832	0	30.030125	0.035117	0.033143	3.303999	0.033143
6.67	-0.11654	1.009266	32.856	0	33.7905	0.116539	0.115469	3.309002	0.115469	6.67	-0.0394	1.061562	32.8323	0	30.0281	0.0394	0.037115	3.307074	0.037115
6.68	-0.11506	1.011235	32.8568	0	33.7783	0.115062	0.113784	3.321202	0.113784	6.68	-0.03493	1.063567	32.833	0	30.021	0.034932	0.032844	3.314249	0.032844
6.69	-0.11602	1.012147	32.857	0	33.77525	0.116022	0.11463	3.32425	0.11463	6.69	-0.03803	1.064552	32.833	0	30.021	0.038034	0.035728	3.314249	0.035728
6.7	-0.11558	1.013824	32.8573	0	33.77233	0.115579	0.114003	3.327176	0.114003	6.7	-0.03593	1.06612	32.8338	0	30.0094	0.035929	0.033701	3.32585	0.033701
6.71	-0.11661	1.014444	32.858	0	33.7655	0.116613	0.114953	3.334	0.114953	6.71	-0.03789	1.067616	32.834	0	30.0065	0.037886	0.035487	3.328749	0.035487
6.72	-0.11602	1.016195	32.858	0	33.7655	0.116022	0.114173	3.334	0.114173	6.72	-0.03565	1.069366	32.8343	0	30.00343	0.035634	0.033322	3.331823	0.033322
6.73	-0.11636	1.017126	32.8588	0	33.7531	0.116365	0.114385	3.346402	0.114385	6.73	-0.0387	1.070715	32.835	0	30.0025	0.038699	0.036143	3.338999	0.036143
6.74	-0.11576	1.019368	32.859	0	33.75	0.115764	0.113564	3.349503	0.113564	6.74	-0.03545	1.072539	32.835	0	30.0025	0.035449	0.033052	3.338999	0.033052
6.75	-0.11591	1.020133	32.8593	0	33.74693	0.115912	0.113624	3.352578	0.113624	6.75	-0.038	1.074253	32.8358	0	30.0025	0.038	0.035371	3.3512	0.035371
6.76	-0.11488	1.022176	32.86	0	33.73975	0.114878	0.112385	3.359753	0.112385	6.76	-0.03508	1.07604	32.836	0	30.0025	0.03508	0.032601	3.35425	0.032601
6.77	-0.11573	1.023197	32.86	0	33.73975	0.115727	0.113103	3.359753	0.113103	6.77	-0.03767	1.077353	32.8363	0	30.0025	0.037665	0.034961	3.357325	0.034961
6.78	-0.11565	1.02513	32.8608	0	33.72795	0.115653	0.112818	3.371552	0.112818	6.78	-0.03534	1.079431	32.837	0	30.0025	0.035338	0.032738	3.3645	0.032738
6.79	-0.1161	1.026225	32.861	0	33.725	0.116096	0.113085	3.374501	0.113085	6.79	-0.03726	1.080741	32.837	0	30.0025	0.037259	0.034474	3.3645	0.034474
6.8	-0.11492	1.027974	32.8613	0	33.72193	0.114915	0.111787	3.377575	0.111787	6.8	-0.03671	1.082495							

7.37	-0.11746	1.111597	32.8835	0	33.43725	0.117462	0.10567	3.662251	0.10567	7.37	-0.03992	1.176328	32.8603	0	29.67525	0.039917	0.033934	3.66	0.033934
7.38	-0.11754	1.112581	32.8847	0	33.42505	0.117536	0.105643	3.67445	0.105643	7.38	-0.0418	1.177094	32.861	0	29.66825	0.041801	0.035512	3.667	0.035512
7.39	-0.11713	1.114368	32.885	0	33.422	0.11713	0.105109	3.707502	0.105109	7.39	-0.0404	1.179683	32.861	0	29.66825	0.040397	0.034244	3.667	0.034244
7.4	-0.1178	1.115462	32.8853	0	33.41908	0.117795	0.105602	3.680428	0.105602	7.4	-0.04128	1.180084	32.8618	0	29.65605	0.041284	0.034984	3.679199	0.034984
7.41	-0.1172	1.117614	32.886	0	33.42225	0.117204	0.10487	3.687252	0.10487	7.41	-0.04007	1.182418	32.862	0	29.653	0.040065	0.033884	3.682249	0.033884
7.42	-0.11698	1.118051	32.886	0	33.41225	0.116982	0.104631	3.687252	0.104631	7.42	-0.04103	1.183184	32.8622	0	29.64993	0.041025	0.034673	3.685324	0.034673
7.43	-0.11702	1.12024	32.8868	0	33.39985	0.117019	0.104459	3.69965	0.104459	7.43	-0.04055	1.185737	32.8625	0	29.64275	0.040545	0.034194	3.692499	0.034194
7.44	-0.11687	1.120932	32.887	0	33.39675	0.116872	0.104263	3.702752	0.104263	7.44	-0.04217	1.186649	32.8625	0	29.64275	0.04217	0.035537	3.692499	0.035537
7.45	-0.11702	1.123011	32.8873	0	33.39383	0.117019	0.104201	3.705677	0.104201	7.45	-0.04099	1.188764	32.8637	0	29.63095	0.040988	0.034448	3.704298	0.034448
7.46	-0.11768	1.123777	32.888	0	33.387	0.117684	0.104722	3.712502	0.104722	7.46	-0.04154	1.190332	32.864	0	29.6268	0.041542	0.0349	3.707249	0.0349
7.47	-0.1178	1.126476	32.888	0	33.387	0.117795	0.104569	3.712502	0.104569	7.47	-0.04084	1.192633	32.8643	0	29.62485	0.04084	0.034244	3.7104	0.034244
7.48	-0.11794	1.127059	32.8888	0	33.3748	0.117943	0.104646	3.724701	0.104646	7.48	-0.04243	1.193869	32.865	0	29.6175	0.042428	0.035538	3.717749	0.035538
7.49	-0.11606	1.129539	32.889	0	33.37175	0.116059	0.102749	3.727753	0.102749	7.49	-0.04103	1.195912	32.865	0	29.6175	0.041025	0.034304	3.717749	0.034304
7.5	-0.11702	1.130122	32.8893	0	33.36868	0.117019	0.103546	3.730828	0.103546	7.5	-0.04269	1.197152	32.8658	0	29.6053	0.042687	0.035657	3.72995	0.035657
7.51	-0.11621	1.132201	32.89	0	33.3615	0.116207	0.102638	3.738003	0.102638	7.51	-0.04162	1.199012	32.866	0	29.60225	0.041616	0.034709	3.733	0.034709
7.52	-0.11684	1.132602	32.89	0	33.3615	0.116835	0.103156	3.738003	0.103156	7.52	-0.04235	1.199668	32.8661	0	29.59933	0.042354	0.035305	3.735926	0.035305
7.53	-0.11604	1.134936	32.8908	0	33.3495	0.116059	0.102261	3.750004	0.102261	7.53	-0.04162	1.202038	32.8665	0	29.5925	0.041616	0.034621	3.74275	0.034621
7.54	-0.11687	1.135739	32.891	0	33.3465	0.116872	0.102904	3.753003	0.102904	7.54	-0.04258	1.203517	32.8665	0	29.5925	0.042576	0.035375	3.74275	0.035375
7.55	-0.11709	1.137744	32.8912	0	33.34343	0.117093	0.102917	3.756077	0.102917	7.55	-0.04184	1.205612	32.8677	0	29.5801	0.041837	0.034702	3.75515	0.034702
7.56	-0.11739	1.138839	32.8915	0	33.33625	0.117389	0.103077	3.763253	0.103077	7.56	-0.0428	1.206998	32.868	0	29.577	0.042798	0.035458	3.758249	0.035458
7.57	-0.11584	1.140844	32.8915	0	33.33625	0.115838	0.101537	3.763253	0.101537	7.57	-0.04195	1.209223	32.8683	0	29.57408	0.041948	0.03469	3.761175	0.03469
7.58	-0.11695	1.142121	32.8927	0	33.32405	0.116946	0.102393	3.775452	0.102393	7.58	-0.0428	1.210827	32.869	0	29.56725	0.042798	0.035346	3.768	0.035346
7.59	-0.1165	1.144199	32.893	0	33.321	0.116502	0.10182	3.7785	0.10182	7.59	-0.04235	1.212942	32.869	0	29.56725	0.042354	0.034919	3.768	0.034919
7.6	-0.11805	1.145002	32.8933	0	33.318	0.118053	0.103103	3.781502	0.103103	7.6	-0.04291	1.214328	32.8698	0	29.55505	0.042908	0.035335	3.780199	0.035335
7.61	-0.11676	1.147153	32.894	0	33.311	0.116761	0.101783	3.788502	0.101783	7.61	-0.0428	1.216444	32.87	0	29.552	0.042798	0.035183	3.783249	0.035183
7.62	-0.11682	1.148138	32.894	0	33.311	0.116281	0.101278	3.788502	0.101278	7.62	-0.0432	1.217027	32.8702	0	29.54908	0.043204	0.035499	3.786175	0.035499
7.63	-0.11547	1.149268	32.8948	0	33.299	0.115468	0.100471	3.800503	0.100471	7.63	-0.04269	1.219215	32.8705	0	29.54225	0.042687	0.035012	3.792999	0.035012
7.64	-0.11624	1.150618	32.895	0	33.296	0.116244	0.101027	3.803502	0.101027	7.64	-0.0425	1.220528	32.8705	0	29.54225	0.042502	0.034823	3.792999	0.034823
7.65	-0.11791	1.152478	32.8951	0	33.29308	0.117906	0.102306	3.806427	0.102306	7.65	-0.04265	1.222668	32.8717	0	29.52985	0.04265	0.034882	3.805401	0.034882
7.66	-0.11787	1.153535	32.8955	0	33.28625	0.117869	0.10218	3.813252	0.10218	7.66	-0.04357	1.224065	32.872	0	29.52675	0.043573	0.035597	3.8085	0.035597
7.67	-0.11805	1.155432	32.8955	0	33.28625	0.118053	0.102172	3.813252	0.102172	7.67	-0.04283	1.226217	32.8723	0	29.52368	0.042834	0.034932	3.811575	0.034932
7.68	-0.11839	1.156927	32.8967	0	33.27385	0.118386	0.102328	3.82656	0.102328	7.68	-0.04365	1.227165	32.873	0	29.5165	0.043647	0.035567	3.818751	0.035567
7.69	-0.11687	1.158969	32.897	0	33.27075	0.116872	0.100841	3.828751	0.100841	7.69	-0.04298	1.229317	32.873	0	29.5165	0.042982	0.034964	3.818751	0.034964
7.7	-0.11671	1.159917	32.8972	0	33.26775	0.11671	0.101395	3.831753	0.101395	7.7	-0.04316	1.230301	32.8738	0	29.5049	0.043158	0.035567	3.830351	0.035567
7.71	-0.11687	1.161194	32.8975	0	33.26075	0.116872	0.100648	3.838753	0.100648	7.71	-0.04313	1.232635	32.874	0	29.502	0.04313	0.03499	3.83325	0.03499
7.72	-0.1185	1.162579	32.8975	0	33.26075	0.118496	0.101925	3.838753	0.101925	7.72	-0.0438	1.233693	32.8741	0	29.49885	0.043795	0.035499	3.836399	0.035499
7.73	-0.11606	1.164294	32.8987	0	33.24835	0.116059	0.099682	3.851151	0.099682	7.73	-0.04276	1.235918	32.8745	0	29.4915	0.042761	0.03499	3.84375	0.03499
7.74	-0.11828	1.165424	32.899	0	33.24525	0.118275	0.101487	3.854252	0.101487	7.74	-0.04398	1.237158	32.8745	0	29.4915	0.043979	0.035549	3.84375	0.035549
7.75	-0.11735	1.167029	32.8992	0	33.24233	0.117352	0.100556	3.857178	0.100556	7.75	-0.04479	1.239452	32.8757	0	29.4793	0.044792	0.036137	3.8595	0.036137
7.76	-0.11857	1.16867	32.8995	0	33.2355	0.11857	0.101457	3.864003	0.101457	7.76	-0.04439	1.240476	32.876	0	29.47625	0.044385	0.035781	3.85999	0.035781
7.77	-0.11883	1.169873	32.8995	0	33.2355	0.118829	0.101574	3.864003	0.101574	7.77	-0.04383	1.243175	32.8762	0	29.47333	0.043831	0.035258	3.861925	0.035258
7.78	-0.11964	1.171368	32.9007	0	33.2231	0.119641	0.102138	3.8764	0.102138	7.78	-0.04505	1.244378	32.8765	0	29.4665	0.04505	0.036203	3.86875	0.036203
7.79	-0.11846	1.173338	32.901	0	33.22	0.118459	0.100959	3.879502	0.100959	7.79	-0.04442	1.246712	32.8765	0	29.4665	0.044422	0.035632	3.86875	0.035632
7.8	-0.11968	1.174468	32.9011	0	33.21708	0.119678	0.1019	3.882428	0.1019	7.8	-0.04464	1.247223	32.8777	0	29.4541	0.044644	0.035795	3.881149	0.035795
7.81	-0.11983	1.176365	32.9015	0	33.21025	0.119826	0.101861	3.889252	0.101861	7.81	-0.04409	1.249302	32.878	0	29.451	0.04409	0.035292	3.884249	0.035292
7.82	-0.12075	1.177058	32.9015	0	33.21025	0.120749	0.102585	3.889252	0.102585	7.82	-0.04501	1.251004	32.8782	0	29.44808	0.045013	0.036008	3.887175	0.036008
7.83	-0.11905	1.179027	32.9023	0	33.19805	0.11905	0.100973	3.901452	0.100973	7.83	-0.04416	1.252511	32.8785	0	29.44125	0.044164	0.03526	3.89399	0.03526
7.84	-0.11942	1.179938	32.9025	0	33.195	0.11942	0.101208	3.904503	0.101208	7.84	-0.04476	1.253386	32.8785	0	29.44125	0.044755	0.035707	3.89399	0.035707
7.85	-0.11898	1.181871	32.9028	0	33.19208	0.118976	0.100668	3.907425	0.100668	7.85	-0.04398	1.256194	32.8797	0	29.42905	0.043979	0.03501	3.906201	0.03501
7.86	-0.12256	1.183148	32.9035	0	33.18525	0.122558	0.103587	3.91425	0.103587	7.86	-0.04483	1.257653	32.88	0	29.426	0.044828	0.035645	3.90925	0.035645
7.87	-0.12219	1.18519	32.9035	0	33.18525	0.122189	0.103097	3.91425	0.103097	7.87	-0.04405	1.259403	32.8801	0	29.42308	0.044053	0.034979	3.912174	0.034979
7.88	-0.12215	1.186393	32.9047	0	33.17305	0.122152	0.102961	3.926449	0.102961	7.88	-0.04568	1.260352	32.8805	0	29.41625	0.045678	0.036242	3.91899	0.036242
7.89	-0.12234	1.188691	32.905	0	33.17	0.122337	0.102917	3.929501	0.102917	7.89	-0								



8.46	-0.14217	1.273371	32.9275	0	32.88275	0.142166	0.111646	4.216752	0.111646	8.46	-0.04712	1.359072	32.9035	0	29.12375	0.047118	0.034669	4.2115	0.034669
8.47	-0.14254	1.27534	32.9275	0	32.88275	0.142535	0.111763	4.216752	0.111763	8.47	-0.04804	1.360458	32.9038	0	29.1206	0.048041	0.035312	4.214649	0.035312
8.48	-0.14313	1.277018	32.9287	0	32.87015	0.143126	0.112079	4.229351	0.112079	8.48	-0.04749	1.362828	32.9045	0	29.11325	0.047487	0.034845	4.222	0.034845
8.49	-0.14316	1.278768	32.929	0	32.8667	0.143163	0.111954	4.232502	0.111954	8.49	-0.04915	1.363886	32.9045	0	29.11325	0.049149	0.036036	4.222	0.036036
8.5	-0.14398	1.279899	32.9291	0	32.86408	0.143976	0.112449	4.235428	0.112449	8.5	-0.04727	1.36622	32.9053	0	29.10125	0.047266	0.034596	4.233999	0.034596
8.51	-0.14431	1.281576	32.9295	0	32.85725	0.144308	0.112602	4.242253	0.112602	8.51	-0.04834	1.367095	32.9055	0	29.09825	0.048336	0.035357	4.237	0.035357
8.52	-0.14357	1.28278	32.9295	0	32.85725	0.143569	0.11192	4.242253	0.11192	8.52	-0.048	1.369101	32.9058	0	29.09525	0.048004	0.035063	4.24	0.035063
8.53	-0.14357	1.284056	32.9303	0	32.84505	0.143569	0.111809	4.254425	0.111809	8.53	-0.04922	1.370231	32.9065	0	29.09825	0.049223	0.035923	4.247	0.035923
8.54	-0.14276	1.285077	32.9305	0	32.84	0.142757	0.111088	4.2575	0.111088	8.54	-0.04808	1.372747	32.9065	0	29.08825	0.048078	0.035023	4.247	0.035023
8.55	-0.14316	1.286974	32.9308	0	32.83908	0.143163	0.111224	4.260426	0.111224	8.55	-0.04867	1.373769	32.9073	0	29.07605	0.048669	0.035427	4.259199	0.035427
8.56	-0.14324	1.287958	32.9315	0	32.83225	0.143237	0.111212	4.26275	0.111212	8.56	-0.04764	1.376212	32.9075	0	29.073	0.047635	0.034613	4.262249	0.034613
8.57	-0.14372	1.289927	32.9315	0	32.83225	0.143717	0.111415	4.26275	0.111415	8.57	-0.05048	1.377707	32.9078	0	29.07008	0.050478	0.036639	4.265175	0.036639
8.58	-0.14387	1.291642	32.9327	0	32.81986	0.143865	0.111381	4.279648	0.111381	8.58	-0.04937	1.380041	32.9085	0	29.06325	0.04937	0.035775	4.272	0.035775
8.59	-0.1442	1.293574	32.933	0	32.81675	0.144197	0.111472	4.28275	0.111472	8.59	-0.0493	1.381208	32.9085	0	29.06325	0.049297	0.035691	4.272	0.035691
8.6	-0.14394	1.294924	32.9332	0	32.81383	0.143939	0.111156	4.285675	0.111156	8.6	-0.04789	1.383214	32.9093	0	29.05105	0.047893	0.034625	4.284199	0.034625
8.61	-0.14331	1.2962	32.9335	0	32.807	0.143311	0.110562	4.2925	0.110562	8.61	-0.04889	1.384199	32.9095	0	29.048	0.04889	0.03532	4.287249	0.03532
8.62	-0.14309	1.297695	32.9335	0	32.807	0.143089	0.110264	4.2925	0.110264	8.62	-0.04841	1.386824	32.9098	0	29.04508	0.04841	0.034907	4.290175	0.034907
8.63	-0.14279	1.298899	32.9343	0	32.7948	0.142794	0.109935	4.304699	0.109935	8.63	-0.04956	1.387408	32.9105	0	29.03825	0.049555	0.035718	4.296999	0.035718
8.64	-0.14228	1.300357	32.9345	0	32.79175	0.142277	0.109414	4.307751	0.109414	8.64	-0.04841	1.389851	32.9105	0	29.03825	0.04841	0.034831	4.296999	0.034831
8.65	-0.14313	1.301597	32.9348	0	32.7886	0.143126	0.109962	4.310902	0.109962	8.65	-0.0504	1.39131	32.9113	0	29.02585	0.050404	0.036228	4.309401	0.036228
8.66	-0.14305	1.303311	32.9355	0	32.78125	0.143052	0.109761	4.318253	0.109761	8.66	-0.04782	1.393206	32.9115	0	29.02275	0.04782	0.034323	4.3125	0.034323
8.67	-0.14305	1.304588	32.9355	0	32.78125	0.143052	0.109653	4.318253	0.109653	8.67	-0.04963	1.394811	32.9118	0	29.01968	0.049629	0.035581	4.315575	0.035581
8.68	-0.14272	1.306448	32.9363	0	32.76945	0.14272	0.109243	4.330052	0.109243	8.68	-0.04978	1.397181	32.9125	0	29.0125	0.049777	0.035626	4.32275	0.035626
8.69	-0.14302	1.307943	32.9365	0	32.7665	0.143015	0.109344	4.330001	0.109344	8.69	-0.04941	1.39802	32.9125	0	29.0125	0.049407	0.035341	4.32275	0.035341
8.7	-0.14276	1.309256	32.9368	0	32.76343	0.142757	0.109037	4.336075	0.109037	8.7	-0.04852	1.400318	32.9133	0	29.0007	0.048521	0.03465	4.334549	0.03465
8.71	-0.14324	1.310605	32.9375	0	32.75625	0.143237	0.109291	4.343251	0.109291	8.71	-0.05011	1.401703	32.9135	0	28.99775	0.050109	0.035749	4.3375	0.035749
8.72	-0.14246	1.312319	32.9375	0	32.75625	0.142462	0.108557	4.343251	0.108557	8.72	-0.04952	1.403345	32.9138	0	28.9946	0.049521	0.034575	4.340649	0.034575
8.73	-0.14327	1.313194	32.9383	0	32.74445	0.143274	0.109103	4.355051	0.109103	8.73	-0.0507	1.40422	32.9145	0	28.98725	0.0507	0.036105	4.348	0.036105
8.74	-0.14383	1.315091	32.9385	0	32.7415	0.143828	0.109367	4.358002	0.109367	8.74	-0.04786	1.406554	32.9145	0	28.98725	0.047856	0.034024	4.348	0.034024
8.75	-0.14501	1.316185	32.9388	0	32.73835	0.145009	0.110174	4.361153	0.110174	8.75	-0.05022	1.407976	32.9153	0	28.97525	0.05022	0.035668	4.359999	0.035668
8.76	-0.14372	1.318665	32.9395	0	32.731	0.143717	0.108987	4.3685	0.108987	8.76	-0.04871	1.410055	32.9155	0	28.97225	0.048706	0.034542	4.362999	0.034542
8.77	-0.14372	1.319321	32.9395	0	32.731	0.143717	0.108933	4.3685	0.108933	8.77	-0.05166	1.411368	32.9158	0	28.96925	0.05166	0.036603	4.365999	0.036603
8.78	-0.14372	1.321546	32.9403	0	32.7194	0.143717	0.108749	4.380101	0.108749	8.78	-0.04893	1.413774	32.9165	0	28.96225	0.048927	0.034608	4.372999	0.034608
8.79	-0.14416	1.322713	32.9405	0	32.7165	0.14416	0.108988	4.383	0.108988	8.79	-0.051	1.415146	32.9165	0	28.96225	0.050995	0.036028	4.372999	0.036028
8.8	-0.14324	1.324974	32.9408	0	32.71343	0.143237	0.108106	4.386075	0.108106	8.8	-0.04952	1.417203	32.9173	0	28.95005	0.049518	0.034941	4.385201	0.034941
8.81	-0.14435	1.325812	32.9415	0	32.70625	0.144345	0.108873	4.39325	0.108873	8.81	-0.05114	1.418041	32.9175	0	28.947	0.051143	0.036066	4.38825	0.036066
8.82	-0.1439	1.327964	32.9415	0	32.70625	0.143902	0.108363	4.39325	0.108363	8.82	-0.04922	1.419974	32.9178	0	28.944	0.049223	0.034665	4.391251	0.034665
8.83	-0.14449	1.328511	32.9423	0	32.69365	0.144492	0.108763	4.40585	0.108763	8.83	-0.0504	1.421251	32.9185	0	28.937	0.050404	0.035465	4.398249	0.035465
8.84	-0.14435	1.330918	32.9425	0	32.6905	0.144345	0.108455	4.409001	0.108455	8.84	-0.05022	1.423183	32.9185	0	28.937	0.05022	0.035287	4.398249	0.035287
8.85	-0.14523	1.331356	32.9428	0	32.68758	0.145231	0.109085	4.411927	0.109085	8.85	-0.05159	1.424533	32.9193	0	28.925	0.051586	0.036213	4.41025	0.036213
8.86	-0.14387	1.333617	32.9435	0	32.68075	0.143865	0.107876	4.418751	0.107876	8.86	-0.04948	1.426757	32.9195	0	28.922	0.049481	0.034681	4.41325	0.034681
8.87	-0.14453	1.334601	32.9435	0	32.68075	0.144529	0.108294	4.418751	0.108294	8.87	-0.05033	1.428262	32.9198	0	28.919	0.050331	0.035237	4.41625	0.035237
8.88	-0.14431	1.336972	32.9443	0	32.66875	0.144308	0.107936	4.430752	0.107936	8.88	-0.05037	1.430368	32.9205	0	28.912	0.050367	0.035213	4.42325	0.035213
8.89	-0.14468	1.338102	32.9445	0	32.66575	0.144677	0.108121	4.433751	0.108121	8.89	-0.05166	1.431863	32.9205	0	28.912	0.05166	0.036079	4.42325	0.036079
8.9	-0.14431	1.340254	32.9448	0	32.66275	0.144308	0.107672	4.436753	0.107672	8.9	-0.04974	1.43365	32.9213	0	28.8996	0.04974	0.034694	4.43565	0.034694
8.91	-0.14505	1.34091	32.9455	0	32.65575	0.145046	0.10817	4.443753	0.10817	8.91	-0.05088	1.43478	32.9215	0	28.8965	0.050884	0.035465	4.438749	0.035465
8.92	-0.14412	1.34288	32.9455	0	32.65575	0.144123	0.107324	4.443753	0.107324	8.92	-0.04985	1.436677	32.9218	0	28.8935	0.04985	0.034698	4.44175	0.034698
8.93	-0.14475	1.343427	32.9463	0	32.64355	0.144751	0.107748	4.455952	0.107748	8.93	-0.05085	1.437771	32.9225	0	28.8865	0.050847	0.035365	4.44875	0.035365
8.94	-0.14401	1.345578	32.9465	0	32.6405	0.144012	0.107026	4.459	0.107026	8.94	-0.05007	1.439886	32.9225	0	28.8865	0.050072	0.034775	4.44875	0.034775
8.95	-0.14375	1.346454	32.9468	0	32.6375	0.143754	0.106765	4.462002	0.106765	8.95	-0.05133	1.44103	32.9233	0	28.8741	0.051328	0.035617	4.461149	0.035617
8.96	-0.14342	1.348861	32.9475	0	32.6305	0.143422	0.106328	4.469002	0.106328	8.96	-0.0504	1.443533	32.9235	0	28.871	0.050404	0.034917	4.464249	0.034917
8.97	-0.14368	1.349882	32.9475	0	32.6305	0.14368	0.106439	4.469002	0.106439	8.97	-0.05103	1.445137	32.9238	0	28.86808	0.051032	0.035313	4.467175	0.035313
8.98	-0.14316	1.352528	32.9483	0	32.6183	0.143163	0.105844	4.481202											

9.55	-0.13563	1.440615	32.9706	0	32.33493	0.13563	0.094147	4.764576	0.094147	9.55	-0.05521	1.544222	32.9472	0	28.5716	0.055205	0.035749	4.763651	0.035749
9.56	-0.13593	1.442183	32.971	0	32.32775	0.135926	0.09425	4.771752	0.09425	9.56	-0.05624	1.545608	32.9475	0	28.5685	0.056239	0.036386	4.76675	0.036386
9.57	-0.13659	1.443988	32.971	0	32.32775	0.13659	0.094598	4.771752	0.094598	9.57	-0.05602	1.548125	32.9478	0	28.5655	0.056017	0.036184	4.769751	0.036184
9.58	-0.13652	1.445612	32.9722	0	32.31555	0.136516	0.094435	4.783951	0.094435	9.58	-0.05676	1.549838	32.9485	0	28.5585	0.056756	0.036662	4.776749	0.036662
9.59	-0.13729	1.447362	32.9725	0	32.31225	0.137292	0.094857	4.787003	0.094857	9.59	-0.05655	1.552063	32.9485	0	28.5585	0.056497	0.036401	4.776749	0.036401
9.6	-0.13655	1.448967	32.9728	0	32.3095	0.136553	0.094242	4.790001	0.094242	9.6	-0.05753	1.553048	32.9493	0	28.5465	0.057531	0.037044	4.78875	0.037044
9.61	-0.13611	1.450389	32.9735	0	32.3025	0.13611	0.093844	4.797001	0.093844	9.61	-0.05642	1.555272	32.9495	0	28.5435	0.056423	0.036829	4.79175	0.036829
9.62	-0.13582	1.452023	32.9735	0	32.3025	0.135815	0.093534	4.797001	0.093534	9.62	-0.05713	1.556549	32.9498	0	28.5405	0.057125	0.036762	4.794676	0.036762
9.63	-0.13585	1.453525	32.9743	0	32.2903	0.135852	0.093464	4.809201	0.093464	9.63	-0.05646	1.55819	32.9505	0	28.53375	0.05646	0.036235	4.8015	0.036235
9.64	-0.13652	1.454692	32.9745	0	32.28725	0.136516	0.093846	4.812252	0.093846	9.64	-0.05731	1.559794	32.9505	0	28.53375	0.05731	0.036764	4.8015	0.036764
9.65	-0.13707	1.456042	32.9747	0	32.28433	0.13707	0.094139	4.815178	0.094139	9.65	-0.05653	1.561722	32.9513	0	28.52115	0.056534	0.03662	4.8141	0.03662
9.66	-0.13552	1.457938	32.975	0	32.2775	0.135519	0.092953	4.822003	0.092953	9.66	-0.05779	1.563441	32.9515	0	28.518	0.05779	0.036963	4.817249	0.036963
9.67	-0.13652	1.459543	32.975	0	32.2775	0.136516	0.093534	4.822003	0.093534	9.67	-0.05657	1.565556	32.9518	0	28.515	0.056571	0.036135	4.82025	0.036135
9.68	-0.13666	1.461001	32.9762	0	32.2653	0.136664	0.093541	4.834202	0.093541	9.68	-0.05724	1.567343	32.9525	0	28.508	0.057236	0.036518	4.82725	0.036518
9.69	-0.13633	1.462934	32.9765	0	32.26225	0.136332	0.093191	4.83725	0.093191	9.69	-0.05698	1.569203	32.9525	0	28.508	0.056977	0.03631	4.82725	0.03631
9.7	-0.13563	1.464101	32.9767	0	32.25925	0.13563	0.092637	4.840252	0.092637	9.7	-0.05783	1.57037	32.9533	0	28.4958	0.057827	0.036824	4.839449	0.036824
9.71	-0.13604	1.465997	32.977	0	32.25225	0.136036	0.092794	4.847252	0.092794	9.71	-0.05694	1.572413	32.9535	0	28.49275	0.05694	0.036212	4.842499	0.036212
9.72	-0.13596	1.467165	32.977	0	32.25225	0.135963	0.09267	4.847252	0.09267	9.72	-0.05853	1.573689	32.9537	0	28.48975	0.058528	0.037192	4.845499	0.037192
9.73	-0.13589	1.468623	32.9782	0	32.24005	0.135889	0.092528	4.859452	0.092528	9.73	-0.0569	1.575075	32.954	0	28.48275	0.056903	0.036127	4.852499	0.036127
9.74	-0.13585	1.469754	32.9785	0	32.237	0.135852	0.092432	4.8625	0.092432	9.74	-0.05864	1.576862	32.954	0	28.48275	0.058639	0.037187	4.852499	0.037187
9.75	-0.13534	1.471504	32.9786	0	32.23393	0.135335	0.09197	4.865574	0.09197	9.75	-0.05727	1.57905	32.9552	0	28.47075	0.057273	0.036727	4.8645	0.036727
9.76	-0.13563	1.473036	32.979	0	32.22675	0.13563	0.092075	4.87275	0.092075	9.76	-0.05871	1.58091	32.9555	0	28.46775	0.058713	0.037139	4.8675	0.037139
9.77	-0.13611	1.474823	32.979	0	32.22675	0.13611	0.092289	4.87275	0.092289	9.77	-0.05716	1.58266	32.9558	0	28.46475	0.057162	0.036118	4.870501	0.036118
9.78	-0.1363	1.476318	32.9802	0	32.21495	0.136295	0.092321	4.884552	0.092321	9.78	-0.05875	1.584557	32.9565	0	28.45775	0.05875	0.037076	4.877499	0.037076
9.79	-0.13685	1.478397	32.9805	0	32.212	0.136849	0.092566	4.887501	0.092566	9.79	-0.05768	1.586745	32.9565	0	28.45775	0.057679	0.03635	4.877499	0.03635
9.8	-0.13663	1.480038	32.9807	0	32.20893	0.136627	0.092313	4.890576	0.092313	9.8	-0.0596	1.588094	32.9573	0	28.44555	0.059599	0.037529	4.8897	0.037529
9.81	-0.13652	1.48146	32.981	0	32.20175	0.136516	0.09215	4.897751	0.09215	9.81	-0.05738	1.589735	32.9575	0	28.4425	0.057383	0.036096	4.89275	0.036096
9.82	-0.13711	1.483138	32.981	0	32.20175	0.137107	0.092444	4.897751	0.092444	9.82	-0.05801	1.591267	32.9576	0	28.43943	0.058011	0.036456	4.895825	0.036456
9.83	-0.13744	1.484523	32.9818	0	32.18955	0.13744	0.092582	4.909951	0.092582	9.83	-0.05834	1.593272	32.958	0	28.43225	0.058344	0.036619	4.903	0.036619
9.84	-0.13785	1.485982	32.982	0	32.1865	0.137846	0.092764	4.913002	0.092764	9.84	-0.05912	1.594695	32.958	0	28.43225	0.059119	0.037072	4.903	0.037072
9.85	-0.13685	1.487404	32.9823	0	32.1835	0.136849	0.092005	4.916001	0.092005	9.85	-0.05801	1.596555	32.9592	0	28.42045	0.058011	0.036335	4.914749	0.036335
9.86	-0.13703	1.489191	32.983	0	32.1765	0.137033	0.092019	4.923001	0.092019	9.86	-0.05901	1.597904	32.9595	0	28.4175	0.059008	0.036928	4.91775	0.036928
9.87	-0.13774	1.490687	32.983	0	32.1765	0.137735	0.092397	4.923001	0.092397	9.87	-0.05812	1.600384	32.9597	0	28.41435	0.058122	0.036318	4.920899	0.036318
9.88	-0.13888	1.492474	32.9842	0	32.1643	0.13888	0.093053	4.9352	0.093053	9.88	-0.05975	1.601843	32.96	0	28.407	0.059747	0.037299	4.92225	0.037299
9.89	-0.13803	1.493896	32.9845	0	32.16125	0.138003	0.092396	4.938252	0.092396	9.89	-0.05838	1.603921	32.96	0	28.4007	0.05838	0.036399	4.92825	0.036399
9.9	-0.1394	1.496011	32.9846	0	32.15833	0.139397	0.093179	4.941178	0.093179	9.9	-0.05938	1.605234	32.9612	0	28.3952	0.059377	0.03699	4.940048	0.03699
9.91	-0.13858	1.497397	32.985	0	32.1515	0.138584	0.09255	4.948002	0.09255	9.91	-0.05809	1.607276	32.9615	0	28.39225	0.058085	0.036139	4.942999	0.036139
9.92	-0.13877	1.498673	32.985	0	32.1515	0.138769	0.092595	4.948002	0.092595	9.92	-0.05905	1.608334	32.9617	0	28.38918	0.059045	0.036712	4.946074	0.036712
9.93	-0.13862	1.500278	32.9858	0	32.1393	0.138621	0.092397	4.960202	0.092397	9.93	-0.0589	1.610668	32.962	0	28.382	0.058897	0.036567	4.953249	0.036567
9.94	-0.14058	1.501591	32.986	0	32.13625	0.140578	0.09362	4.96325	0.09362	9.94	-0.05964	1.611871	32.962	0	28.382	0.059636	0.036998	4.953249	0.036998
9.95	-0.14076	1.503305	32.9863	0	32.13318	0.140763	0.093636	4.966324	0.093636	9.95	-0.05864	1.614315	32.9628	0	28.37	0.058639	0.036324	4.96525	0.036324
9.96	-0.1415	1.504873	32.987	0	32.126	0.141501	0.094029	4.97325	0.094029	9.96	-0.06008	1.615555	32.963	0	28.367	0.060079	0.037188	4.96825	0.037188
9.97	-0.14128	1.506988	32.987	0	32.126	0.14128	0.09375	4.97325	0.09375	9.97	-0.05868	1.61818	32.9633	0	28.36393	0.058676	0.036251	4.971325	0.036251
9.98	-0.14176	1.508483	32.9882	0	32.1136	0.14176	0.093975	4.985901	0.093975	9.98	-0.0596	1.619347	32.9634	0	28.35675	0.059599	0.036804	4.978501	0.036804
9.99	-0.14124	1.510197	32.9885	0	32.1105	0.141243	0.093526	4.989003	0.093526	9.99	-0.05945	1.621933	32.964	0	28.35675	0.059451	0.036654	4.978501	0.036654
10	-0.14202	1.511875	32.9887	0	32.10757	0.142018	0.093935	4.991929	0.093935	10	-0.05971	1.62325	32.9652	0	28.34455	0.05971	0.036784	4.9907	0.036784
10.01	-0.14187	1.513808	32.989	0	32.10075	0.141871	0.093718	4.998753	0.093718	10.01	-0.05882	1.625657	32.9655	0	28.3415	0.058824	0.036184	4.99375	0.036184
10.02	-0.14243	1.51523	32.989	0	32.10075	0.142425	0.093995	4.998753	0.093995	10.02	-0.06023	1.627614	32.9657	0	28.33858	0.060227	0.037024	4.996676	0.037024
10.03	-0.14364	1.516105	32.9902	0	32.08875	0.143643	0.094745	5.010754	0.094745	10.03	-0.05905	1.628939	32.966	0	28.33175	0.059045	0.036248	5.0035	0.036248
10.04	-0.14483	1.518147	32.9905	0	32.08575	0.144825	0.095396	5.013752	0.095396	10.04	-0.06019	1.629814	32.966	0	28.33175	0.06019	0.03693	5.0035	0.03693
10.05	-0.14446	1.519934	32.9907	0	32.08275	0.144456	0.095041	5.016751	0.095041	10.05	-0.0589	1.632148	32.9668	0	28.31955	0.058897	0.036086	5.0157	0.036086
10.06	-0.14542	1.521284	32.991	0	32.07575	0.145416	0.095587	5.023751	0.095587	10.06	-0.06026	1.633716	32.967	0	28.3165	0.060264	0.036887	5.018749	0.036887
10.07	-0.14567	1.52318	32.991	0	32.07575	0.145674	0.095638	5.023751	0.095638	10									

10.64	-0.16654	1.613403	33.014	0	31.783	0.166537	0.103221	5.316502	0.103221	10.64	-0.06344	1.738198	32.99	0	28.02875	0.063439	0.036497	5.3065	0.036497
10.65	-0.16846	1.615956	33.0143	0	31.78008	0.168458	0.104246	5.319428	0.104246	10.65	-0.0627	1.739511	32.9908	0	28.01715	0.062701	0.036045	5.3181	0.036045
10.66	-0.16838	1.616758	33.015	0	31.77325	0.168384	0.104149	5.326252	0.104149	10.66	-0.06348	1.741699	32.991	0	28.01425	0.063476	0.036445	5.32099	0.036445
10.67	-0.16975	1.619202	33.015	0	31.77325	0.16975	0.104836	5.326252	0.104836	10.67	-0.06348	1.743559	32.9913	0	28.01118	0.063476	0.036406	5.324074	0.036406
10.68	-0.1696	1.62015	33.0158	0	31.76105	0.169602	0.104683	5.338452	0.104683	10.68	-0.06344	1.745893	32.992	0	28.004	0.063439	0.036336	5.331249	0.036336
10.69	-0.17049	1.62252	33.016	0	31.758	0.170489	0.105076	5.341502	0.105076	10.69	-0.06289	1.747461	32.992	0	28.004	0.062885	0.035987	5.331249	0.035987
10.7	-0.17119	1.623432	33.0163	0	31.75493	0.17119	0.10545	5.344576	0.10545	10.7	-0.06314	1.749248	32.9932	0	27.992	0.063144	0.036098	5.343249	0.036098
10.71	-0.17252	1.625729	33.017	0	31.74775	0.17252	0.106118	5.351752	0.106118	10.71	-0.06318	1.750671	32.9935	0	27.989	0.062184	0.035752	5.346249	0.035752
10.72	-0.17189	1.626532	33.017	0	31.74775	0.171892	0.10568	5.351752	0.10568	10.72	-0.06455	1.753041	32.9937	0	27.98593	0.064547	0.036382	5.349323	0.036382
10.73	-0.17403	1.628501	33.0178	0	31.73535	0.174034	0.106867	5.364151	0.106867	10.73	-0.06266	1.753843	32.994	0	27.97875	0.062664	0.035729	5.356499	0.035729
10.74	-0.17407	1.629413	33.018	0	31.73225	0.17407	0.10683	5.367251	0.10683	10.74	-0.06388	1.755849	32.994	0	27.97875	0.063882	0.036383	5.356499	0.036383
10.75	-0.17451	1.63171	33.0183	0	31.72933	0.174514	0.106951	5.370177	0.106951	10.75	-0.06289	1.757344	32.9948	0	27.97655	0.062885	0.035784	5.3687	0.035784
10.76	-0.17507	1.63295	33.019	0	31.7225	0.175067	0.107209	5.377001	0.107209	10.76	-0.06307	1.759678	32.995	0	27.9635	0.06307	0.035842	5.37175	0.035842
10.77	-0.17558	1.634591	33.019	0	31.7225	0.175584	0.107418	5.377001	0.107418	10.77	-0.06237	1.761283	32.9953	0	27.96058	0.062368	0.035411	5.374676	0.035411
10.78	-0.17529	1.635977	33.0198	0	31.7103	0.175289	0.107146	5.389203	0.107146	10.78	-0.0637	1.76369	32.996	0	27.95375	0.063698	0.036116	5.3815	0.036116
10.79	-0.17614	1.638165	33.02	0	31.70725	0.176138	0.107522	5.392252	0.107522	10.79	-0.06488	1.765185	32.996	0	27.95375	0.064879	0.036755	5.3815	0.036755
10.8	-0.17625	1.63966	33.0203	0	31.70425	0.176249	0.107491	5.395253	0.107491	10.8	-0.06333	1.767118	32.9968	0	27.94157	0.063329	0.035837	5.3937	0.035837
10.81	-0.1764	1.641411	33.021	0	31.69725	0.176397	0.107467	5.402251	0.107467	10.81	-0.06396	1.76854	32.997	0	27.9385	0.063956	0.036163	5.39675	0.036163
10.82	-0.17824	1.643125	33.021	0	31.69725	0.178243	0.108478	5.402251	0.108478	10.82	-0.06407	1.770801	32.9973	0	27.9355	0.064067	0.03618	5.39975	0.03618
10.83	-0.17795	1.64473	33.0218	0	31.68525	0.177948	0.108193	5.414252	0.108193	10.83	-0.06292	1.771932	32.998	0	27.9285	0.062922	0.035511	5.40675	0.035511
10.84	-0.17869	1.646188	33.022	0	31.68225	0.178686	0.108545	5.417252	0.108545	10.84	-0.0627	1.773755	32.998	0	27.9285	0.062701	0.035349	5.40675	0.035349
10.85	-0.18039	1.647538	33.0223	0	31.67925	0.180385	0.109488	5.420252	0.109488	10.85	-0.06455	1.775287	32.9988	0	27.9163	0.064547	0.036359	5.418949	0.036359
10.86	-0.17979	1.649179	33.023	0	31.67225	0.179794	0.10902	5.427252	0.10902	10.86	-0.06418	1.777511	32.999	0	27.91325	0.064178	0.036105	5.42199	0.036105
10.87	-0.17898	1.651075	33.023	0	31.67225	0.178982	0.108403	5.427252	0.108403	10.87	-0.06462	1.778934	32.9993	0	27.9101	0.064621	0.036226	5.425148	0.036226
10.88	-0.17883	1.652935	33.0238	0	31.66005	0.178834	0.108192	5.439452	0.108192	10.88	-0.06329	1.780538	33	0	27.90275	0.063292	0.035546	5.432499	0.035546
10.89	-0.17909	1.654722	33.024	0	31.657	0.179092	0.108231	5.442502	0.108231	10.89	-0.06521	1.782544	33	0	27.90275	0.065212	0.036584	5.432499	0.036584
10.9	-0.18061	1.656618	33.0243	0	31.65385	0.180606	0.109021	5.445652	0.109021	10.9	-0.06351	1.784842	33.0008	0	27.89115	0.063513	0.035585	5.4441	0.035585
10.91	-0.18068	1.658332	33.025	0	31.6465	0.18068	0.108953	5.453001	0.108953	10.91	-0.06447	1.786009	33.001	0	27.88825	0.064473	0.036099	5.446999	0.036099
10.92	-0.18205	1.659791	33.025	0	31.6465	0.182047	0.10968	5.453001	0.10968	10.92	-0.06303	1.787832	33.0013	0	27.88518	0.063033	0.035257	5.450073	0.035257
10.93	-0.1819	1.66114	33.0258	0	31.6349	0.181899	0.109502	5.464602	0.109502	10.93	-0.06543	1.789437	33.002	0	27.878	0.065433	0.036566	5.457249	0.036566
10.94	-0.18123	1.662891	33.026	0	31.632	0.181234	0.108987	5.467501	0.108987	10.94	-0.06285	1.791005	33.002	0	27.878	0.062849	0.035091	5.457249	0.035091
10.95	-0.18116	1.664167	33.0263	0	31.62885	0.18116	0.108859	5.47065	0.108859	10.95	-0.06422	1.792464	33.0028	0	27.866	0.064215	0.035825	5.46925	0.035825
10.96	-0.18142	1.665663	33.027	0	31.6215	0.181419	0.108917	5.478001	0.108917	10.96	-0.06396	1.794469	33.003	0	27.863	0.063956	0.035641	5.47225	0.035641
10.97	-0.18168	1.66796	33.027	0	31.6215	0.181677	0.108922	5.478001	0.108922	10.97	-0.06447	1.796584	33.0033	0	27.85995	0.064695	0.03601	5.475399	0.03601
10.98	-0.18223	1.669346	33.0278	0	31.6097	0.182231	0.109163	5.4898	0.109163	10.98	-0.06388	1.798627	33.004	0	27.8525	0.063476	0.035292	5.48275	0.035292
10.99	-0.18352	1.671352	33.028	0	31.60675	0.183524	0.109805	5.492751	0.109805	10.99	-0.06447	1.800396	33.004	0	27.8525	0.064473	0.035807	5.48275	0.035807
11	-0.1833	1.673102	33.0283	0	31.60368	0.183302	0.109558	5.495825	0.109558	11	-0.06311	1.803039	33.0048	0	27.8403	0.063107	0.035	5.494949	0.035
11.01	-0.18356	1.67478	33.029	0	31.5965	0.18356	0.109603	5.503001	0.109603	11.01	-0.06518	1.804753	33.005	0	27.83725	0.065175	0.036113	5.497999	0.036113
11.02	-0.18378	1.676275	33.029	0	31.5965	0.183782	0.109637	5.503001	0.109637	11.02	-0.06414	1.806358	33.0053	0	27.83433	0.064141	0.035508	5.500925	0.035508
11.03	-0.18437	1.677661	33.0298	0	31.5845	0.184373	0.109899	5.515002	0.109899	11.03	-0.06595	1.80851	33.006	0	27.8275	0.06595	0.036467	5.50775	0.036467
11.04	-0.18474	1.679192	33.03	0	31.5815	0.184742	0.110018	5.518002	0.110018	11.04	-0.06477	1.809859	33.006	0	27.8275	0.064769	0.035787	5.50775	0.035787
11.05	-0.18515	1.681162	33.0303	0	31.57843	0.185148	0.110131	5.521077	0.110131	11.05	-0.06529	1.811792	33.0068	0	27.8153	0.065286	0.036304	5.519949	0.036304
11.06	-0.18507	1.682547	33.031	0	31.57125	0.185074	0.109997	5.528252	0.109997	11.06	-0.06388	1.813433	33.007	0	27.81225	0.063882	0.035227	5.522999	0.035227
11.07	-0.18559	1.684371	33.031	0	31.57125	0.185591	0.110184	5.528252	0.110184	11.07	-0.0644	1.815402	33.0073	0	27.80933	0.064399	0.035474	5.525925	0.035474
11.08	-0.18578	1.685647	33.0318	0	31.55905	0.185776	0.110211	5.540451	0.110211	11.08	-0.06481	1.817627	33.008	0	27.8025	0.064806	0.035654	5.532749	0.035654
11.09	-0.18692	1.688054	33.032	0	31.556	0.186921	0.110732	5.543501	0.110732	11.09	-0.0651	1.819613	33.008	0	27.8025	0.065101	0.035789	5.532749	0.035789
11.1	-0.18652	1.689404	33.0323	0	31.55308	0.186515	0.110403	5.546427	0.110403	11.1	-0.06444	1.821456	33.0088	0	27.7901	0.064436	0.035376	5.545151	0.035376
11.11	-0.18825	1.691774	33.033	0	31.54625	0.18825	0.111274	5.553252	0.111274	11.11	-0.06532	1.823061	33.009	0	27.787	0.065323	0.035811	5.54825	0.035811
11.12	-0.18703	1.692649	33.033	0	31.54625	0.187032	0.110496	5.553252	0.110496	11.12	-0.06462	1.824811	33.0093	0	27.78393	0.064621	0.035412	5.551325	0.035412
11.13	-0.18836	1.694582	33.0338	0	31.53385	0.188361	0.111155	5.565651	0.111155	11.13	-0.06503	1.825942	33.01	0	27.77675	0.065027	0.035613	5.5585	0.035613
11.14	-0.1874	1.695749	33.034	0	31.53075	0.187401	0.110512	5.568751	0.110512	11.14	-0.06484	1.828239	33.01	0	27.77675	0.064843	0.035467	5.5585	0.035467
11.15	-0.18984	1.697354	33.0343	0	31.52783	0.189838	0.111843	5.571677	0.111843	11.15	-0.06477	1.829516	33.0108	0	27.76455	0.064769	0.035402	5.5707	0.035402
11.16	-0.18947	1.698776	33.035																

11.73	-0.20165	1.794688	33.0578	0	31.23145	0.201654	0.112362	5.86805	0.112362	11.73	-0.06935	1.936076	33.0335	0	27.47425	0.069348	0.035819	5.861	0.035819
11.74	-0.20154	1.797059	33.058	0	31.2285	0.201544	0.112152	5.871001	0.112152	11.74	-0.06964	1.9379	33.0335	0	27.47425	0.069643	0.035937	5.861	0.035937
11.75	-0.20103	1.797678	33.0582	0	31.22543	0.201027	0.111826	5.874075	0.111826	11.75	-0.06879	1.939687	33.0347	0	27.46185	0.068794	0.035466	5.8734	0.035466
11.76	-0.2018	1.800231	33.0585	0	31.21825	0.201802	0.112098	5.881251	0.112098	11.76	-0.06979	1.941839	33.035	0	27.45875	0.069791	0.035941	5.876499	0.035941
11.77	-0.20154	1.801289	33.0585	0	31.21825	0.201544	0.111889	5.881251	0.111889	11.77	-0.06846	1.943589	33.0352	0	27.45583	0.068461	0.035224	5.879425	0.035224
11.78	-0.20151	1.803732	33.0597	0	31.20585	0.201507	0.111717	5.893652	0.111717	11.78	-0.06846	1.946105	33.0355	0	27.449	0.068461	0.035179	5.88625	0.035179
11.79	-0.20099	1.804863	33.06	0	31.20275	0.20099	0.11136	5.896752	0.11136	11.79	-0.06905	1.947637	33.0355	0	27.449	0.069052	0.035454	5.88625	0.035454
11.8	-0.20191	1.807525	33.0603	0	31.19983	0.201913	0.111707	5.899678	0.111707	11.8	-0.07023	1.950153	33.0367	0	27.437	0.070234	0.036014	5.898249	0.036014
11.81	-0.20099	1.8084	33.061	0	31.193	0.20099	0.111142	5.906502	0.111142	11.81	-0.06876	1.95132	33.037	0	27.434	0.068757	0.035236	5.901249	0.035236
11.82	-0.19944	1.811026	33.061	0	31.193	0.199439	0.110125	5.906502	0.110125	11.82	-0.06931	1.953472	33.0372	0	27.43108	0.069311	0.035481	5.904175	0.035481
11.83	-0.20003	1.811792	33.0618	0	31.181	0.20003	0.110404	5.918501	0.110404	11.83	-0.06972	1.955004	33.0375	0	27.42425	0.069717	0.035661	5.910999	0.035661
11.84	-0.20018	1.813907	33.062	0	31.178	0.200177	0.110357	5.921502	0.110357	11.84	-0.06998	1.956718	33.0375	0	27.42425	0.069975	0.035762	5.910999	0.035762
11.85	-0.20055	1.814746	33.0621	0	31.175	0.200547	0.110509	5.924502	0.110509	11.85	-0.0692	1.958359	33.0387	0	27.41165	0.0692	0.035336	5.923599	0.035336
11.86	-0.20136	1.81708	33.0625	0	31.168	0.201359	0.110815	5.931502	0.110815	11.86	-0.07016	1.960209	33.039	0	27.4085	0.07016	0.035781	5.92675	0.035781
11.87	-0.20154	1.818137	33.0625	0	31.168	0.201544	0.110852	5.931502	0.110852	11.87	-0.07012	1.962626	33.0392	0	27.40543	0.070123	0.035729	5.929825	0.035729
11.88	-0.20136	1.820398	33.0637	0	31.1558	0.201359	0.110613	5.943701	0.110613	11.88	-0.07049	1.964814	33.0395	0	27.39825	0.070492	0.035877	5.93	0.035877
11.89	-0.20147	1.821857	33.064	0	31.15275	0.20147	0.110585	5.946751	0.110585	11.89	-0.06987	1.966584	33.0395	0	27.39825	0.069865	0.035526	5.937	0.035526
11.9	-0.1997	1.824191	33.0642	0	31.14975	0.199697	0.109472	5.949751	0.109472	11.9	-0.07064	1.968862	33.0407	0	27.38625	0.07064	0.035879	5.94	0.035879
11.91	-0.20051	1.82565	33.0645	0	31.14275	0.20051	0.109829	5.956751	0.109829	11.91	-0.06961	1.971012	33.041	0	27.38325	0.069606	0.035331	5.952	0.035331
11.92	-0.20014	1.827473	33.0645	0	31.14275	0.20014	0.109518	5.956751	0.109518	11.92	-0.0716	1.97218	33.0411	0	27.38025	0.0716	0.036305	5.955	0.036305
11.93	-0.2004	1.828822	33.0657	0	31.13075	0.200399	0.109578	5.96875	0.109578	11.93	-0.07079	1.973785	33.0415	0	27.37325	0.070788	0.035864	5.962	0.035864
11.94	-0.20081	1.830398	33.066	0	31.12775	0.200805	0.109673	5.971751	0.109673	11.94	-0.06983	1.975681	33.0415	0	27.37325	0.069828	0.035344	5.962	0.035344
11.95	-0.20117	1.832068	33.0662	0	31.1246	0.201174	0.109807	5.9749	0.109807	11.95	-0.07101	1.977213	33.0423	0	27.36105	0.071009	0.035914	5.974199	0.035914
11.96	-0.20007	1.834074	33.0665	0	31.11725	0.200067	0.109803	5.982251	0.109803	11.96	-0.07167	1.979073	33.0425	0	27.358	0.071674	0.036216	5.977249	0.036216
11.97	-0.19903	1.835934	33.0665	0	31.11725	0.199033	0.108409	5.982251	0.108409	11.97	-0.07057	1.981516	33.0428	0	27.35493	0.070566	0.036212	5.980234	0.036212
11.98	-0.19778	1.837611	33.0677	0	31.11055	0.197777	0.107627	5.994452	0.107627	11.98	-0.07182	1.983303	33.0435	0	27.34775	0.071822	0.036313	5.987499	0.036313
11.99	-0.19822	1.839236	33.068	0	31.102	0.19822	0.107768	5.997502	0.107768	11.99	-0.07127	1.985783	33.0435	0	27.34775	0.071268	0.035889	5.987499	0.035889
12	-0.19785	1.841514	33.0683	0	31.09908	0.197851	0.107439	6.000428	0.107439	12	-0.07193	1.987789	33.0447	0	27.33575	0.071932	0.036187	5.999499	0.036187
12.01	-0.19789	1.843264	33.069	0	31.09225	0.197888	0.107357	6.007252	0.107357	12.01	-0.07083	1.989576	33.0445	0	27.33275	0.070825	0.035598	6.002499	0.035598
12.02	-0.19715	1.845379	33.069	0	31.09225	0.197149	0.106834	6.007252	0.106834	12.02	-0.07241	1.991253	33.0452	0	27.32968	0.072412	0.036365	6.005749	0.036365
12.03	-0.19708	1.846802	33.0698	0	31.07985	0.197076	0.106712	6.019652	0.106712	12.03	-0.07204	1.992931	33.0455	0	27.3225	0.072043	0.036149	6.012749	0.036149
12.04	-0.19726	1.84837	33.07	0	31.07675	0.19726	0.106721	6.022751	0.106721	12.04	-0.07252	1.994718	33.0455	0	27.3225	0.072523	0.036358	6.012749	0.036358
12.05	-0.19645	1.849974	33.0702	0	31.07368	0.196448	0.106189	6.025826	0.106189	12.05	-0.07193	1.996687	33.0467	0	27.3109	0.071932	0.036026	6.024349	0.036026
12.06	-0.19541	1.851251	33.0705	0	31.0665	0.195414	0.105558	6.033001	0.105558	12.06	-0.07156	1.998219	33.047	0	27.308	0.071563	0.035813	6.02725	0.035813
12.07	-0.19582	1.852928	33.0705	0	31.0665	0.19582	0.105681	6.033001	0.105681	12.07	-0.07145	2.00009	33.0471	0	27.305	0.071452	0.035708	6.030251	0.035708
12.08	-0.19571	1.855044	33.0717	0	31.0549	0.195709	0.105501	6.044602	0.105501	12.08	-0.07304	2.002559	33.0475	0	27.298	0.07304	0.036473	6.032749	0.036473
12.09	-0.19549	1.856466	33.072	0	31.052	0.195488	0.105301	6.047501	0.105301	12.09	-0.0723	2.005111	33.0475	0	27.298	0.072302	0.036059	6.037249	0.036059
12.1	-0.19453	1.858289	33.0722	0	31.04885	0.194528	0.104681	6.050652	0.104681	12.1	-0.07326	2.006752	33.0487	0	27.2858	0.073262	0.036508	6.04945	0.036508
12.11	-0.19566	1.86004	33.0725	0	31.04415	0.195562	0.105138	6.058001	0.105138	12.11	-0.0726	2.009524	33.049	0	27.28275	0.072597	0.036126	6.0525	0.036126
12.12	-0.19408	1.862155	33.0725	0	31.0415	0.194084	0.104226	6.058001	0.104226	12.12	-0.07348	2.0108	33.0492	0	27.2796	0.073483	0.036544	6.055649	0.036544
12.13	-0.19298	1.863395	33.0737	0	31.0297	0.192977	0.103562	6.069802	0.103562	12.13	-0.07252	2.01266	33.0495	0	27.27225	0.072523	0.036033	6.063	0.036033
12.14	-0.19301	1.865255	33.074	0	31.02675	0.193014	0.103478	6.072752	0.103478	12.14	-0.07415	2.013973	33.0495	0	27.27225	0.074148	0.036817	6.063	0.036817
12.15	-0.19168	1.866458	33.0742	0	31.02375	0.191684	0.102699	6.075753	0.102699	12.15	-0.07212	2.016307	33.0507	0	27.26065	0.072117	0.035767	6.0746	0.035767
12.16	-0.19168	1.868355	33.0745	0	31.01675	0.191684	0.102595	6.082753	0.102595	12.16	-0.07474	2.017693	33.051	0	27.25775	0.074739	0.037042	6.0775	0.037042
12.17	-0.19154	1.869886	33.0745	0	31.01675	0.191537	0.102432	6.082753	0.102432	12.17	-0.07348	2.020355	33.0512	0	27.2546	0.073483	0.036371	6.08065	0.036371
12.18	-0.19161	1.872111	33.0757	0	31.00455	0.19161	0.10235	6.094952	0.10235	12.18	-0.07448	2.022033	33.0515	0	27.24725	0.07448	0.036834	6.087999	0.036834
12.19	-0.19176	1.873642	33.076	0	31.0015	0.191758	0.102345	6.098002	0.102345	12.19	-0.07382	2.024476	33.0515	0	27.24725	0.073816	0.036462	6.087999	0.036462
12.2	-0.19161	1.875721	33.0761	0	30.99843	0.191611	0.102153	6.101077	0.102153	12.2	-0.07411	2.025971	33.0527	0	27.23505	0.074111	0.03658	6.102001	0.03658
12.21	-0.18943	1.877253	33.0765	0	30.99125	0.189432	0.100909	6.108252	0.100909	12.21	-0.07197	2.028524	33.053	0	27.232	0.071969	0.035479	6.103251	0.035479
12.22	-0.18821	1.87955	33.0765	0	30.99125	0.188213	0.100137	6.108252	0.100137	12.22	-0.07371	2.030238	33.0532	0	27.22908	0.073705	0.036304	6.106175	0.036304
12.23	-0.18722	1.880608	33.0773	0	30.97945	0.187216	0.099551	6.120051	0.099551	12.23	-0.07311	2.031879	33.0535	0	27.22225	0.073114	0.035983	6.112999	0.035983
12.24	-0.18892	1.882723	33.0775	0	30.9765	0.188915	0.100341	6.123002	0.100341	12.24	-0.07481	2.033338	33.0535	0	27.22225	0.074813	0.036793	6.112999	0.036793
12																			

12.82	-0.17813	1.982683	33.1005	0	30.68875	0.178132	0.089844	6.410752	0.089844	12.82	-0.08286	2.146354	33.0768	0	26.9266	0.082863	0.038606	6.40865	0.038606
12.83	-0.17817	1.985309	33.1013	0	30.67655	0.178169	0.089744	6.422951	0.089744	12.83	-0.08312	2.148578	33.0775	0	26.91925	0.083121	0.038687	6.41601	0.038687
12.84	-0.17825	1.986075	33.1015	0	30.67335	0.178502	0.089877	6.426001	0.089877	12.84	-0.08305	2.1496	33.0775	0	26.91925	0.083047	0.038634	6.41601	0.038634
12.85	-0.17725	1.987789	33.1018	0	30.67058	0.177246	0.089167	6.428297	0.089167	12.85	-0.08443	2.151605	33.0783	0	26.90765	0.084303	0.039181	6.42760	0.039181
12.86	-0.17769	1.989357	33.1025	0	30.66375	0.177689	0.08932	6.435751	0.08932	12.86	-0.08286	2.153538	33.0785	0	26.90475	0.082863	0.038477	6.4305	0.038477
12.87	-0.17773	1.991582	33.1025	0	30.66375	0.177726	0.089239	6.435751	0.089239	12.87	-0.08353	2.15569	33.0788	0	26.90168	0.083527	0.038747	6.433575	0.038747
12.88	-0.17839	1.992931	33.1033	0	30.65133	0.178391	0.089512	6.448153	0.089512	12.88	-0.08349	2.157367	33.0795	0	26.8945	0.08349	0.0387	6.44075	0.0387
12.89	-0.17832	1.995484	33.1035	0	30.64825	0.178317	0.08936	6.451252	0.08936	12.89	-0.08368	2.159446	33.0795	0	26.8945	0.083675	0.038748	6.44075	0.038748
12.9	-0.17791	1.997088	33.1038	0	30.64518	0.177911	0.089085	6.454327	0.089085	12.9	-0.08316	2.16178	33.0803	0	26.8825	0.083158	0.038467	6.452749	0.038467
12.91	-0.17773	1.999277	33.1045	0	30.638	0.177726	0.088895	6.461501	0.088895	12.91	-0.08419	2.163713	33.0805	0	26.8795	0.084192	0.038911	6.455791	0.038911
12.92	-0.17813	2.000371	33.1045	0	30.638	0.178132	0.08905	6.461501	0.08905	12.92	-0.08401	2.165354	33.0808	0	26.87635	0.084007	0.038796	6.458901	0.038796
12.93	-0.17832	2.002096	33.1053	0	30.6262	0.178317	0.089027	6.473301	0.089027	12.93	-0.0843	2.167323	33.0815	0	26.869	0.084303	0.038897	6.462625	0.038897
12.94	-0.17806	2.003908	33.1055	0	30.62325	0.178058	0.088856	6.476252	0.088856	12.94	-0.08386	2.169001	33.0815	0	26.869	0.08386	0.038663	6.462625	0.038663
12.95	-0.17832	2.006206	33.1058	0	30.6201	0.178317	0.088883	6.479401	0.088883	12.95	-0.08371	2.170751	33.0823	0	26.857	0.083712	0.038564	6.478249	0.038564
12.96	-0.17876	2.006825	33.1065	0	30.61275	0.17876	0.089076	6.486752	0.089076	12.96	-0.0839	2.172794	33.0825	0	26.854	0.083896	0.038612	6.481249	0.038612
12.97	-0.17876	2.009816	33.1065	0	30.61275	0.17876	0.088944	6.486752	0.088944	12.97	-0.08515	2.174909	33.0828	0	26.85108	0.085152	0.039152	6.484175	0.039152
12.98	-0.17869	2.010728	33.1073	0	30.60095	0.178686	0.088866	6.498551	0.088866	12.98	-0.08452	2.176878	33.0835	0	26.84425	0.084524	0.038828	6.490999	0.038828
12.99	-0.1788	2.013681	33.1075	0	30.598	0.178797	0.088791	6.501502	0.088791	12.99	-0.08471	2.179249	33.0835	0	26.84425	0.084709	0.038871	6.490999	0.038871
13	-0.17872	2.014776	33.1078	0	30.59493	0.178723	0.088706	6.504576	0.088706	13	-0.08515	2.181728	33.0843	0	26.83185	0.085152	0.03903	6.503401	0.03903
13.01	-0.17906	2.017802	33.1085	0	30.58775	0.179055	0.088738	6.511752	0.088738	13.01	-0.08508	2.183296	33.0845	0	26.82875	0.085078	0.038968	6.5065	0.038968
13.02	-0.17913	2.018605	33.1085	0	30.58775	0.179129	0.088739	6.511752	0.088739	13.02	-0.08456	2.185266	33.0848	0	26.82575	0.084561	0.038696	6.509501	0.038696
13.03	-0.18016	2.021194	33.1097	0	30.57555	0.180163	0.089137	6.523951	0.089137	13.03	-0.08486	2.186834	33.0855	0	26.81875	0.084857	0.038803	6.516501	0.038803
13.04	-0.18061	2.021741	33.11	0	30.5725	0.180606	0.089332	6.527001	0.089332	13.04	-0.08537	2.188876	33.0855	0	26.81875	0.085374	0.039003	6.516501	0.039003
13.05	-0.18219	2.024549	33.1101	0	30.5695	0.182194	0.089992	6.530001	0.089992	13.05	-0.0856	2.19059	33.0863	0	26.80615	0.085595	0.039074	6.529101	0.039074
13.06	-0.18039	2.025096	33.1105	0	30.5625	0.180385	0.089075	6.537001	0.089075	13.06	-0.08585	2.192669	33.0865	0	26.803	0.085854	0.039155	6.53225	0.039155
13.07	-0.17993	2.027649	33.1105	0	30.5625	0.179831	0.088689	6.537001	0.088689	13.07	-0.08567	2.19493	33.0868	0	26.80008	0.085669	0.03903	6.535175	0.03903
13.08	-0.18101	2.028707	33.1113	0	30.5505	0.181013	0.089226	6.549002	0.089226	13.08	-0.08489	2.196972	33.0875	0	26.79325	0.084893	0.038641	6.542	0.038641
13.09	-0.18194	2.031296	33.1115	0	30.54475	0.181936	0.089566	6.552002	0.089566	13.09	-0.08512	2.198869	33.0875	0	26.79325	0.085115	0.038709	6.542	0.038709
13.1	-0.18227	2.032681	33.1118	0	30.5445	0.182268	0.089669	6.555001	0.089669	13.1	-0.08523	2.200801	33.0883	0	26.78105	0.085226	0.038725	6.554199	0.038725
13.11	-0.18286	2.035234	33.1125	0	30.5375	0.182859	0.089847	6.562001	0.089847	13.11	-0.08593	2.202917	33.0885	0	26.7778	0.085927	0.039006	6.557249	0.039006
13.12	-0.18319	2.03662	33.1125	0	30.5375	0.183191	0.089949	6.562001	0.089949	13.12	-0.08556	2.204849	33.0888	0	26.77508	0.085558	0.038805	6.560175	0.038805
13.13	-0.18363	2.038626	33.1133	0	30.5249	0.183634	0.090078	6.574601	0.090078	13.13	-0.08563	2.206491	33.0895	0	26.76825	0.085632	0.038809	6.567	0.038809
13.14	-0.18338	2.039757	33.1135	0	30.52175	0.183376	0.089901	6.577752	0.089901	13.14	-0.08489	2.208095	33.0895	0	26.76825	0.084893	0.038446	6.567	0.038446
13.15	-0.18304	2.041908	33.1138	0	30.51883	0.183044	0.089643	6.580677	0.089643	13.15	-0.0863	2.210101	33.0903	0	26.75625	0.086297	0.039046	6.578999	0.039046
13.16	-0.18279	2.042783	33.1145	0	30.512	0.182785	0.089478	6.587502	0.089478	13.16	-0.08512	2.21145	33.0905	0	26.75325	0.085115	0.038488	6.581999	0.038488
13.17	-0.18267	2.045008	33.1145	0	30.512	0.182674	0.089327	6.587502	0.089327	13.17	-0.08611	2.213675	33.0908	0	26.75018	0.086112	0.0389	6.585074	0.0389
13.18	-0.18393	2.046758	33.1153	0	30.4996	0.18393	0.089664	6.599002	0.089664	13.18	-0.08552	2.216228	33.0915	0	26.743	0.085521	0.038589	6.592249	0.038589
13.19	-0.18371	2.048983	33.1155	0	30.4965	0.183708	0.089658	6.603001	0.089658	13.19	-0.08596	2.218306	33.0915	0	26.743	0.085964	0.038752	6.592249	0.038752
13.2	-0.18408	2.050296	33.1158	0	30.49358	0.184077	0.089781	6.605927	0.089781	13.2	-0.08574	2.220093	33.0923	0	26.7308	0.085743	0.038621	6.60445	0.038621
13.21	-0.18452	2.052448	33.1165	0	30.48675	0.184521	0.089903	6.612751	0.089903	13.21	-0.08729	2.222646	33.0925	0	26.72775	0.087294	0.039275	6.6075	0.039275
13.22	-0.1853	2.054089	33.1165	0	30.48675	0.185296	0.090208	6.612751	0.090208	13.22	-0.08659	2.224542	33.0928	0	26.72483	0.086592	0.038926	6.610426	0.038926
13.23	-0.18445	2.056094	33.1173	0	30.47445	0.184447	0.089707	6.624951	0.089707	13.23	-0.08737	2.226001	33.0935	0	26.718	0.087368	0.039249	6.617251	0.039249
13.24	-0.18507	2.057188	33.1175	0	30.4715	0.185074	0.089665	6.628001	0.089665	13.24	-0.08548	2.227897	33.0935	0	26.718	0.085484	0.03837	6.617251	0.03837
13.25	-0.18544	2.059413	33.1178	0	30.46858	0.185444	0.090047	6.630927	0.090047	13.25	-0.08729	2.229575	33.0943	0	26.7056	0.087294	0.039153	6.62965	0.039153
13.26	-0.18493	2.060398	33.1185	0	30.46175	0.184927	0.089753	6.637751	0.089753	13.26	-0.08674	2.231581	33.0945	0	26.7025	0.08674	0.038869	6.63275	0.038869
13.27	-0.1857	2.062586	33.1185	0	30.46175	0.185702	0.090034	6.637751	0.090034	13.27	-0.0877	2.233222	33.0948	0	26.69958	0.0877	0.039271	6.635676	0.039271
13.28	-0.18563	2.063972	33.1193	0	30.44955	0.185628	0.089937	6.649502	0.089937	13.28	-0.08707	2.235556	33.0955	0	26.69275	0.087072	0.038949	6.6425	0.038949
13.29	-0.18611	2.066415	33.1195	0	30.4465	0.186108	0.090063	6.653002	0.090063	13.29	-0.08807	2.237525	33.0955	0	26.68927	0.088069	0.03936	6.6425	0.03936
13.3	-0.18541	2.068056	33.1198	0	30.44343	0.185407	0.089653	6.656077	0.089653	13.3	-0.08733	2.240005	33.0963	0	26.68055	0.087331	0.038987	6.654699	0.038987
13.31	-0.18511	2.070098	33.1205	0	30.43625	0.185111	0.089422	6.663252	0.089422	13.31	-0.08789	2.241245	33.0965	0	26.6775	0.087885	0.039212	6.657749	0.039212
13.32	-0.18548	2.071666	33.1205	0	30.43625	0.185481	0.089532	6.663252	0.089532	13.32	-0.08644	2.243506	33.0968	0	26.67435	0.086444	0.038531	6.6609	0.038531
13.33	-0.18607	2.073854	33.1213	0	30.42425	0.186071	0.089723	6.675251	0.089723	13.33	-0.08796	2.245038	33.0975	0	26.667	0.087958	0.039		

13.91	-0.19468	2.180306	33.1445	0	30.134	0.194675	0.089288	6.965502	0.089288	13.91	-0.09645	2.362466	33.1205	0	26.375	0.096451	0.040827	6.960249	0.040827
13.92	-0.1942	2.182239	33.1445	0	30.134	0.194195	0.088899	6.965502	0.088899	13.92	-0.09708	2.36542	33.1207	0	26.37193	0.097079	0.041041	6.963324	0.041041
13.93	-0.1949	2.184099	33.1453	0	30.1216	0.194897	0.089234	6.971902	0.089234	13.93	-0.09686	2.366879	33.121	0	26.36475	0.096858	0.040922	6.970499	0.040922
13.94	-0.19379	2.185959	33.1455	0	30.1185	0.193789	0.088652	6.981001	0.088652	13.94	-0.09719	2.36914	33.121	0	26.36475	0.09719	0.041023	6.970499	0.041023
13.95	-0.1963	2.187162	33.1456	0	30.1155	0.1963	0.089751	6.984002	0.089751	13.95	-0.09664	2.370307	33.1222	0	26.35235	0.096636	0.040769	6.982901	0.040769
13.96	-0.19534	2.189168	33.146	0	30.1085	0.19534	0.08923	6.991002	0.08923	13.96	-0.0963	2.372933	33.1225	0	26.34925	0.096304	0.040584	6.986	0.040584
13.97	-0.19623	2.190627	33.146	0	30.1085	0.196226	0.089575	6.991002	0.089575	13.97	-0.09605	2.374319	33.1227	0	26.34633	0.096045	0.040452	6.988926	0.040452
13.98	-0.19527	2.192924	33.1472	0	30.0965	0.195266	0.089044	7.003001	0.089044	13.98	-0.0966	2.377017	33.123	0	26.3395	0.096599	0.040639	6.995751	0.040639
13.99	-0.19656	2.194164	33.1475	0	30.0935	0.196559	0.089582	7.006001	0.089582	13.99	-0.09782	2.378658	33.123	0	26.3395	0.097818	0.041123	6.995751	0.041123
14	-0.19597	2.196863	33.1478	0	30.09058	0.195968	0.089203	7.008927	0.089203	14	-0.09848	2.382013	33.1242	0	26.3275	0.098482	0.041344	7.00775	0.041344
14.01	-0.19649	2.198759	33.1485	0	30.08375	0.196485	0.089362	7.015751	0.089362	14.01	-0.0976	2.383545	33.1245	0	26.3245	0.097596	0.040946	7.01075	0.040946
14.02	-0.19763	2.201385	33.1485	0	30.08375	0.197629	0.089775	7.015751	0.089775	14.02	-0.09763	2.386244	33.1246	0	26.3215	0.097633	0.040915	7.01375	0.040915
14.03	-0.1977	2.202333	33.1493	0	30.07135	0.197703	0.08977	7.028153	0.08977	14.03	-0.09656	2.387484	33.125	0	26.3145	0.096562	0.040445	7.02075	0.040445
14.04	-0.19759	2.204485	33.1495	0	30.06825	0.197592	0.089632	7.031252	0.089632	14.04	-0.09745	2.389927	33.125	0	26.3145	0.097448	0.040775	7.02075	0.040775
14.05	-0.19826	2.206016	33.1498	0	30.06518	0.198257	0.089871	7.034327	0.089871	14.05	-0.09797	2.39124	33.1262	0	26.3023	0.097965	0.040968	7.03295	0.040968
14.06	-0.19855	2.207876	33.1505	0	30.058	0.198553	0.089929	7.041502	0.089929	14.06	-0.09782	2.393537	33.1265	0	26.29925	0.097818	0.040867	7.035999	0.040867
14.07	-0.20021	2.208897	33.1505	0	30.058	0.200214	0.09064	7.041502	0.09064	14.07	-0.09811	2.395434	33.1267	0	26.2961	0.098113	0.040958	7.03915	0.040958
14.08	-0.19907	2.211341	33.1513	0	30.0462	0.19907	0.090022	7.053301	0.090022	14.08	-0.09834	2.398096	33.127	0	26.28875	0.098335	0.041005	7.046499	0.041005
14.09	-0.20007	2.212629	33.1515	0	30.04325	0.200067	0.090418	7.056252	0.090418	14.09	-0.09889	2.39981	33.127	0	26.28875	0.098889	0.041207	7.046499	0.041207
14.1	-0.19918	2.215425	33.1518	0	30.04033	0.19918	0.089906	7.059178	0.089906	14.1	-0.0987	2.402582	33.1282	0	26.27715	0.098704	0.041082	7.0581	0.041082
14.11	-0.1994	2.216811	33.1525	0	30.0335	0.199402	0.08995	7.066002	0.08995	14.11	-0.09789	2.404369	33.1285	0	26.27425	0.097892	0.040714	7.060999	0.040714
14.12	-0.19881	2.219291	33.1525	0	30.0335	0.198811	0.089583	7.066002	0.089583	14.12	-0.09933	2.406994	33.1288	0	26.27118	0.099332	0.041268	7.064074	0.041268
14.13	-0.19966	2.220093	33.1533	0	30.0213	0.19966	0.089933	7.078202	0.089933	14.13	-0.09959	2.408562	33.1295	0	26.264	0.09959	0.041348	7.071249	0.041348
14.14	-0.19859	2.222208	33.1535	0	30.01825	0.198589	0.089366	7.081252	0.089366	14.14	-0.09885	2.410203	33.1295	0	26.264	0.098852	0.041014	7.071249	0.041014
14.15	-0.19973	2.222901	33.1537	0	30.01518	0.199734	0.089853	7.084327	0.089853	14.15	-0.09904	2.41272	33.1303	0	26.2516	0.099036	0.041048	7.083651	0.041048
14.16	-0.19907	2.225636	33.154	0	30.008	0.19907	0.089444	7.091502	0.089444	14.16	-0.09848	2.414361	33.1305	0	26.2485	0.098482	0.041079	7.08675	0.041079
14.17	-0.20114	2.226694	33.154	0	30.008	0.201137	0.09033	7.091502	0.09033	14.17	-0.09944	2.416549	33.1306	0	26.2455	0.099442	0.041151	7.08975	0.041151
14.18	-0.19859	2.22921	33.1552	0	29.996	0.198589	0.089085	7.103501	0.089085	14.18	-0.09863	2.418518	33.131	0	26.2385	0.09863	0.041078	7.09675	0.041078
14.19	-0.19815	2.230851	33.1555	0	29.993	0.198146	0.088821	7.106501	0.088821	14.19	-0.09944	2.420561	33.131	0	26.2385	0.099442	0.041082	7.09675	0.041082
14.2	-0.19855	2.233477	33.1557	0	29.98993	0.198553	0.088898	7.109576	0.088898	14.2	-0.10018	2.422785	33.1322	0	26.2285	0.100181	0.04135	7.10875	0.04135
14.21	-0.20014	2.234681	33.156	0	29.98275	0.20014	0.089561	7.116751	0.089561	14.21	-0.10048	2.425156	33.1325	0	26.2235	0.100476	0.04131	7.11175	0.04131
14.22	-0.1994	2.237598	33.156	0	29.98275	0.199402	0.089114	7.116751	0.089114	14.22	-0.10037	2.427417	33.1327	0	26.22058	0.100366	0.041347	7.114676	0.041347
14.23	-0.19877	2.238729	33.1572	0	29.97905	0.198774	0.088789	7.1285	0.088789	14.23	-0.09978	2.429131	33.133	0	26.21375	0.099775	0.041074	7.1215	0.041074
14.24	-0.19977	2.240844	33.1575	0	29.968	0.199771	0.08915	7.131501	0.08915	14.24	-0.09874	2.430735	33.133	0	26.21375	0.098741	0.040623	7.1215	0.040623
14.25	-0.20018	2.242229	33.1576	0	29.96485	0.200177	0.089276	7.134652	0.089276	14.25	-0.09889	2.433106	33.1342	0	26.20135	0.098889	0.040623	7.1339	0.040623
14.26	-0.20021	2.244527	33.158	0	29.9575	0.200214	0.089201	7.142001	0.089201	14.26	-0.09889	2.434747	33.1345	0	26.19825	0.098889	0.040616	7.136999	0.040616
14.27	-0.20095	2.245585	33.158	0	29.9575	0.200953	0.089488	7.142001	0.089488	14.27	-0.09959	2.43668	33.1347	0	26.19533	0.09959	0.040871	7.139925	0.040871
14.28	-0.20047	2.247955	33.1592	0	29.9453	0.200473	0.08918	7.154202	0.08918	14.28	-0.10007	2.438941	33.135	0	26.1885	0.10007	0.04103	7.14675	0.04103
14.29	-0.20018	2.249159	33.1595	0	29.94225	0.200177	0.089001	7.157252	0.089001	14.29	-0.09996	2.441056	33.135	0	26.1885	0.099959	0.040949	7.14675	0.040949
14.3	-0.20047	2.252076	33.1596	0	29.93933	0.200473	0.089017	7.160178	0.089017	14.3	-0.10037	2.443171	33.1362	0	26.1759	0.100366	0.04108	7.15935	0.04108
14.31	-0.20062	2.25317	33.16	0	29.9325	0.20062	0.089039	7.167002	0.089039	14.31	-0.10029	2.444994	33.1365	0	26.17275	0.100292	0.041019	7.162501	0.041019
14.32	-0.20095	2.255686	33.16	0	29.9325	0.200953	0.089087	7.167002	0.089087	14.32	-0.1017	2.447328	33.1367	0	26.16975	0.101695	0.041533	7.165501	0.041533
14.33	-0.20147	2.25678	33.1612	0	29.9201	0.20147	0.089273	7.179402	0.089273	14.33	-0.10125	2.449407	33.137	0	26.16275	0.101252	0.041337	7.172499	0.041337
14.34	-0.20125	2.259333	33.1615	0	29.917	0.201248	0.089074	7.182501	0.089074	14.34	-0.10269	2.451303	33.137	0	26.16275	0.102692	0.041893	7.172499	0.041893
14.35	-0.20044	2.260026	33.1617	0	29.91408	0.200436	0.088687	7.185427	0.088687	14.35	-0.10118	2.453419	33.1378	0	26.15075	0.101178	0.04124	7.1845	0.04124
14.36	-0.19996	2.262427	33.162	0	29.90725	0.199956	0.088379	7.192252	0.088379	14.36	-0.10162	2.455206	33.138	0	26.14775	0.101621	0.04139	7.1875	0.04139
14.37	-0.20077	2.263783	33.162	0	29.90725	0.200768	0.088687	7.192252	0.088687	14.37	-0.10173	2.457066	33.1383	0	26.14475	0.101732	0.041404	7.1905	0.041404
14.38	-0.20047	2.266518	33.1632	0	29.89505	0.200473	0.08845	7.204451	0.08845	14.38	-0.10181	2.458342	33.139	0	26.13775	0.101806	0.041412	7.1975	0.041412
14.39	-0.20044	2.267721	33.1635	0	29.892	0.200436	0.088386	7.207501	0.088386	14.39	-0.10066	2.458634	33.139	0	26.13775	0.100661	0.040942	7.1975	0.040942
14.4	-0.20073	2.270675	33.1637	0	29.88893	0.200731	0.088402	7.210576	0.088402	14.4	-0.10214	2.459472	33.139	0	26.12555	0.102138	0.041528	7.2097	0.041528
14.41	-0.20151	2.271166	33.164	0	29.88175	0.201507	0.088705	7.217751	0.088705	14.41	-0.10122	2.459509	33.139	0	26.1255	0.101215	0.041152	7.21275	0.041152
14.42	-0.20084	2.274796	33.164	0	29.88175	0.200842	0.08829	7.217751	0.08829	14.42	-0.10266	2.461223	33.1392	0	26.11958	0.102658	0.041304	7.215675	0.041304
14.43	-0.20018	2.275958																	

15	-0.20018	2.382779	33.1873	0	29.58583	0.200177	0.08401	7.513678	0.08401	15	-0.10483	2.560782	33.1585	0	25.8232	0.104834	0.040938	7.512049	0.040938
15.01	-0.19962	2.384821	33.188	0	29.579	0.199623	0.083706	7.520503	0.083706	15.01	-0.10498	2.561256	33.1585	0	25.82025	0.104981	0.040988	7.515	0.040988
15.02	-0.20018	2.386864	33.188	0	29.579	0.200177	0.083866	7.520503	0.083866	15.02	-0.10539	2.560818	33.1585	0	25.81725	0.105388	0.041154	7.518	0.041154
15.03	-0.19852	2.388468	33.1892	0	29.567	0.198516	0.083114	7.523502	0.083114	15.03	-0.10528	2.561365	33.1585	0	25.81025	0.105277	0.041102	7.525	0.041102
15.04	-0.19985	2.390656	33.1895	0	29.564	0.199845	0.083594	7.535502	0.083594	15.04	-0.10576	2.560964	33.1585	0	25.81025	0.105757	0.041296	7.525	0.041296
15.05	-0.19962	2.392443	33.1897	0	29.56108	0.199623	0.083439	7.538428	0.083439	15.05	-0.1052	2.561402	33.1585	0	25.79805	0.105203	0.041072	7.537199	0.041072
15.06	-0.20103	2.394194	33.19	0	29.55425	0.201027	0.083964	7.545252	0.083964	15.06	-0.10528	2.562241	33.1585	0	25.795	0.105277	0.041088	7.540249	0.041088
15.07	-0.19918	2.395835	33.19	0	29.55425	0.19918	0.083136	7.545252	0.083136	15.07	-0.10498	2.564429	33.1585	0	25.79193	0.104981	0.040938	7.543324	0.040938
15.08	-0.19955	2.397585	33.1908	0	29.54185	0.19955	0.083229	7.557652	0.083229	15.08	-0.10472	2.566179	33.1595	0	25.78475	0.104723	0.040809	7.550499	0.040809
15.09	-0.19855	2.399701	33.191	0	29.53875	0.198553	0.082741	7.560751	0.082741	15.09	-0.10509	2.568878	33.1595	0	25.78475	0.105092	0.04091	7.550499	0.04091
15.1	-0.19966	2.401524	33.1913	0	29.53575	0.19966	0.083139	7.563752	0.083139	15.1	-0.10509	2.570665	33.1603	0	25.77295	0.105092	0.040881	7.5623	0.040881
15.11	-0.19918	2.403676	33.192	0	29.52875	0.19918	0.082865	7.570752	0.082865	15.11	-0.10539	2.573364	33.1605	0	25.77	0.105388	0.040953	7.565251	0.040953
15.12	-0.19977	2.405973	33.192	0	29.52875	0.199771	0.083031	7.570752	0.083031	15.12	-0.10513	2.574822	33.1608	0	25.76685	0.105129	0.04083	7.568401	0.04083
15.13	-0.19892	2.407468	33.1932	0	29.51675	0.198922	0.082627	7.582751	0.082627	15.13	-0.10561	2.577083	33.1615	0	25.7595	0.105609	0.04098	7.57575	0.04098
15.14	-0.19922	2.409693	33.1935	0	29.51375	0.199217	0.082673	7.585751	0.082673	15.14	-0.10491	2.577995	33.1615	0	25.7595	0.104908	0.040693	7.57575	0.040693
15.15	-0.19889	2.411188	33.1936	0	29.5106	0.198885	0.082484	7.588902	0.082484	15.15	-0.10605	2.581059	33.1623	0	25.7473	0.106052	0.041089	7.58795	0.041089
15.16	-0.19944	2.412319	33.194	0	29.50325	0.199439	0.082675	7.596251	0.082675	15.16	-0.10572	2.582371	33.1625	0	25.74425	0.10572	0.040939	7.591	0.040939
15.17	-0.19807	2.414944	33.194	0	29.50325	0.198073	0.082019	7.596251	0.082019	15.17	-0.10657	2.584924	33.1627	0	25.74133	0.106569	0.041227	7.593926	0.041227
15.18	-0.19973	2.416148	33.1948	0	29.49145	0.199734	0.082666	7.608052	0.082666	15.18	-0.10657	2.58693	33.163	0	25.7345	0.106569	0.041195	7.60075	0.041195
15.19	-0.19992	2.418336	33.195	0	29.4885	0.199919	0.082668	7.611007	0.082668	15.19	-0.10668	2.589993	33.163	0	25.7345	0.10668	0.041189	7.60075	0.041189
15.2	-0.20058	2.420597	33.1953	0	29.48543	0.200584	0.082865	7.614072	0.082865	15.2	-0.10579	2.591343	33.1642	0	25.7221	0.105794	0.040826	7.61315	0.040826
15.21	-0.20007	2.422639	33.196	0	29.47825	0.200067	0.082582	7.621252	0.082582	15.21	-0.10605	2.594479	33.1645	0	25.719	0.106052	0.040876	7.618249	0.040876
15.22	-0.20099	2.424973	33.196	0	29.47825	0.20099	0.082883	7.621252	0.082883	15.22	-0.10646	2.595646	33.1648	0	25.71608	0.106458	0.041014	7.619175	0.041014
15.23	-0.2004	2.426724	33.1968	0	29.46585	0.200399	0.08258	7.633652	0.08258	15.23	-0.1072	2.598636	33.1655	0	25.70925	0.107197	0.041251	7.626	0.041251
15.24	-0.20066	2.428329	33.197	0	29.46275	0.200657	0.082632	7.636752	0.082632	15.24	-0.10779	2.599584	33.1655	0	25.70925	0.107788	0.041463	7.626	0.041463
15.25	-0.20021	2.430152	33.1973	0	29.45983	0.200214	0.082388	7.639677	0.082388	15.25	-0.1072	2.601846	33.1663	0	25.69725	0.107197	0.0412	7.637999	0.0412
15.26	-0.20036	2.431647	33.198	0	29.453	0.200362	0.082398	7.646502	0.082398	15.26	-0.10698	2.603559	33.1665	0	25.69425	0.106975	0.041088	7.640999	0.041088
15.27	-0.20029	2.433944	33.198	0	29.453	0.200288	0.08229	7.646502	0.08229	15.27	-0.10661	2.606039	33.1668	0	25.69125	0.106606	0.040907	7.643999	0.040907
15.28	-0.20114	2.435257	33.1988	0	29.441	0.201137	0.082594	7.658501	0.082594	15.28	-0.10657	2.607717	33.1675	0	25.68425	0.106569	0.040867	7.650999	0.040867
15.29	-0.20088	2.43781	33.199	0	29.438	0.200879	0.082401	7.661501	0.082401	15.29	-0.10723	2.610452	33.1675	0	25.68425	0.107234	0.041079	7.650999	0.041079
15.3	-0.20121	2.439889	33.1993	0	29.435	0.201211	0.082467	7.664502	0.082467	15.3	-0.10738	2.611838	33.1683	0	25.67185	0.107382	0.041113	7.663401	0.041113
15.31	-0.20154	2.44204	33.2	0	29.428	0.201544	0.082531	7.671502	0.082531	15.31	-0.10819	2.612494	33.1685	0	25.66875	0.108194	0.041414	7.6665	0.041414
15.32	-0.20202	2.443681	33.2	0	29.428	0.202024	0.082672	7.671502	0.082672	15.32	-0.10812	2.612531	33.1684	0	25.66568	0.10812	0.041385	7.669575	0.041385
15.33	-0.20184	2.446125	33.2008	0	29.4156	0.201839	0.082514	7.683901	0.082514	15.33	-0.10794	2.612385	33.168	0	25.6585	0.107935	0.041317	7.67675	0.041317
15.34	-0.20188	2.447875	33.201	0	29.4125	0.201876	0.08247	7.687001	0.08247	15.34	-0.10819	2.611984	33.168	0	25.6585	0.108194	0.041422	7.67675	0.041422
15.35	-0.20239	2.449298	33.2013	0	29.40958	0.202393	0.082633	7.689927	0.082633	15.35	-0.10783	2.611728	33.1676	0	25.6469	0.107825	0.041285	7.688351	0.041285
15.36	-0.20302	2.451194	33.202	0	29.40275	0.203021	0.082825	7.696971	0.082825	15.36	-0.10749	2.611254	33.1675	0	25.644	0.107492	0.041165	7.69125	0.041165
15.37	-0.20328	2.453364	33.202	0	29.40275	0.203279	0.082858	7.696971	0.082858	15.37	-0.10794	2.611801	33.1677	0	25.64085	0.107935	0.041326	7.694401	0.041326
15.38	-0.20273	2.454914	33.2028	0	29.39015	0.202725	0.082579	7.709351	0.082579	15.38	-0.10853	2.612239	33.168	0	25.6335	0.108526	0.041545	7.70175	0.041545
15.39	-0.20247	2.457139	33.203	0	29.387	0.202467	0.082399	7.712502	0.082399	15.39	-0.10901	2.614136	33.168	0	25.6335	0.109006	0.041699	7.70175	0.041699
15.4	-0.20306	2.459472	33.2033	0	29.38408	0.203058	0.082561	7.715428	0.082561	15.4	-0.10912	2.615849	33.1688	0	25.6213	0.109117	0.041714	7.713949	0.041714
15.41	-0.20324	2.461843	33.204	0	29.37725	0.203242	0.082557	7.722252	0.082557	15.41	-0.10927	2.618074	33.169	0	25.61825	0.109265	0.041735	7.716999	0.041735
15.42	-0.20468	2.463411	33.204	0	29.37725	0.204682	0.083089	7.722252	0.083089	15.42	-0.10853	2.620043	33.1693	0	25.61525	0.108526	0.041422	7.719999	0.041422
15.43	-0.20413	2.465745	33.2048	0	29.36505	0.204128	0.082786	7.734452	0.082786	15.43	-0.10812	2.621903	33.17	0	25.60825	0.10812	0.041237	7.726999	0.041237
15.44	-0.20402	2.467313	33.205	0	29.362	0.204018	0.082688	7.737502	0.082688	15.44	-0.10823	2.623362	33.17	0	25.60825	0.108231	0.041257	7.726999	0.041257
15.45	-0.20431	2.469793	33.2053	0	29.35908	0.204313	0.082725	7.740427	0.082725	15.45	-0.10867	2.625232	33.1708	0	25.59605	0.108674	0.041388	7.739201	0.041388
15.46	-0.20487	2.470668	33.206	0	29.35225	0.204867	0.08292	7.747252	0.08292	15.46	-0.10838	2.627665	33.171	0	25.593	0.108379	0.041245	7.742251	0.041245
15.47	-0.20494	2.473659	33.206	0	29.35225	0.204941	0.082849	7.747252	0.082849	15.47	-0.10819	2.629663	33.1713	0	25.59008	0.108191	0.041518	7.745175	0.041518
15.48	-0.20505	2.474716	33.2068	0	29.33985	0.205052	0.082859	7.759652	0.082859	15.48	-0.1093	2.632442	33.172	0	25.58325	0.109302	0.041521	7.751999	0.041521
15.49	-0.20531	2.477415	33.207	0	29.33675	0.20531	0.082873	7.762751	0.082873	15.49	-0.11048	2.635459	33.172	0	25.58325	0.110483	0.041936	7.751999	0.041936
15.5	-0.2062	2.478655	33.2073	0	29.33383	0.206196	0.083189	7.765677	0.083189	15.5	-0.11011	2.637038	33.1728	0	25.57105	0.110114	0.041757	7.7642	0.041757
15.51	-0.2062	2.481864	33.208	0	29.327	0.206196	0.083081	7.772501	0.083081	15.51	-0.11015	2.639116	33.173	0	25.568	0.110151	0.041738	7.76725	0.041738
15.52	-0.2																		

16.09	-0.22115	2.595026	33.231	0	29.03475	0.221151	0.085221	8.064751	0.085221	16.09	-0.10986	2.741046	33.191	0	25.28025	0.109856	0.040078	8.055	0.040078
16.1	-0.22049	2.597178	33.2313	0	29.03175	0.220487	0.084895	8.067751	0.084895	16.1	-0.11067	2.744109	33.1922	0	25.26865	0.110668	0.040329	8.066601	0.040329
16.11	-0.22352	2.599548	33.232	0	29.02475	0.223515	0.085982	8.074751	0.085982	16.11	-0.11115	2.745823	33.1925	0	25.26575	0.111148	0.040479	8.0695	0.040479
16.12	-0.22381	2.601262	33.232	0	29.02475	0.22381	0.086039	8.074751	0.086039	16.12	-0.11082	2.748923	33.1926	0	25.2626	0.110816	0.040312	8.072651	0.040312
16.13	-0.22433	2.603341	33.2328	0	29.01215	0.224327	0.086169	8.087351	0.086169	16.13	-0.11155	2.750199	33.193	0	25.25525	0.111554	0.040562	8.08	0.040562
16.14	-0.22311	2.605164	33.233	0	29.009	0.223109	0.085641	8.090502	0.085641	16.14	-0.11023	2.75246	33.193	0	25.25525	0.110225	0.040046	8.08	0.040046
16.15	-0.22396	2.607644	33.2333	0	29.006	0.223958	0.085885	8.093502	0.085885	16.15	-0.11019	2.753007	33.1938	0	25.24305	0.110188	0.040025	8.092199	0.040025
16.16	-0.22381	2.608738	33.234	0	28.999	0.223817	0.085792	8.100502	0.085792	16.16	-0.10886	2.75494	33.194	0	25.24	0.108859	0.039514	8.095249	0.039514
16.17	-0.22599	2.610817	33.234	0	28.999	0.225989	0.086559	8.100502	0.086559	16.17	-0.10975	2.754284	33.194	0	25.237	0.109745	0.039845	8.09825	0.039845
16.18	-0.22584	2.612786	33.2348	0	28.987	0.225841	0.086437	8.112502	0.086437	16.18	-0.11037	2.75556	33.194	0	25.23	0.110373	0.039845	8.10525	0.039845
16.19	-0.22758	2.614901	33.235	0	28.984	0.227577	0.087031	8.115502	0.087031	16.19	-0.11093	2.756485	33.194	0	25.23	0.110927	0.040268	8.10525	0.040268
16.2	-0.22658	2.617381	33.2353	0	28.98108	0.22658	0.086567	8.118428	0.086567	16.2	-0.10927	2.755342	33.1936	0	25.2178	0.109265	0.039566	8.117451	0.039566
16.21	-0.22721	2.619205	33.236	0	28.97425	0.227207	0.086747	8.125252	0.086747	16.21	-0.10934	2.754174	33.1935	0	25.21475	0.109339	0.039699	8.120501	0.039699
16.22	-0.22832	2.621538	33.236	0	28.97425	0.228315	0.087092	8.125252	0.087092	16.22	-0.10735	2.755086	33.1936	0	25.21168	0.107345	0.038962	8.123575	0.038962
16.23	-0.22916	2.623617	33.2368	0	28.96185	0.229164	0.087347	8.137652	0.087347	16.23	-0.10882	2.755305	33.194	0	25.2045	0.108822	0.039495	8.130749	0.039495
16.24	-0.2268	2.625404	33.237	0	28.95875	0.226801	0.086387	8.140751	0.086387	16.24	-0.10923	2.757201	33.194	0	25.2045	0.109228	0.039615	8.130749	0.039615
16.25	-0.23064	2.627592	33.2373	0	28.95575	0.230641	0.087777	8.143752	0.087777	16.25	-0.10949	2.758587	33.1948	0	25.1927	0.109486	0.039689	8.14255	0.039689
16.26	-0.23013	2.629014	33.238	0	28.94875	0.230125	0.087533	8.150752	0.087533	16.26	-0.10893	2.761651	33.195	0	25.18975	0.108932	0.039445	8.1455	0.039445
16.27	-0.23197	2.630874	33.238	0	28.94875	0.231971	0.088173	8.150752	0.088173	16.27	-0.11011	2.763401	33.1953	0	25.1866	0.110114	0.039847	8.148651	0.039847
16.28	-0.23079	2.632442	33.2388	0	28.93675	0.230789	0.087671	8.162751	0.087671	16.28	-0.11026	2.766173	33.196	0	25.17925	0.110262	0.039861	8.15	0.039861
16.29	-0.23182	2.634813	33.239	0	28.93375	0.231823	0.087985	8.165751	0.087985	16.29	-0.11048	2.767631	33.196	0	25.17925	0.110483	0.03992	8.156	0.03992
16.3	-0.23168	2.636709	33.2393	0	28.9306	0.231675	0.087865	8.1689	0.087865	16.3	-0.10975	2.770403	33.1968	0	25.16765	0.109745	0.039613	8.167601	0.039613
16.31	-0.23293	2.63897	33.24	0	28.92325	0.232931	0.088266	8.176251	0.088266	16.31	-0.11067	2.772008	33.197	0	25.16475	0.110668	0.039923	8.1705	0.039923
16.32	-0.2333	2.640867	33.24	0	28.92325	0.2333	0.088342	8.176251	0.088342	16.32	-0.11096	2.774487	33.1973	0	25.16168	0.110963	0.039994	8.173575	0.039994
16.33	-0.2336	2.642909	33.2408	0	28.91145	0.233596	0.088386	8.188052	0.088386	16.33	-0.11344	2.7758	33.198	0	25.1545	0.113438	0.040867	8.18075	0.040867
16.34	-0.23382	2.644988	33.241	0	28.9085	0.233817	0.0884	8.191002	0.0884	16.34	-0.11174	2.778134	33.198	0	25.1545	0.111739	0.040221	8.18075	0.040221
16.35	-0.23614	2.647066	33.2411	0	28.90543	0.236144	0.08921	8.194077	0.08921	16.35	-0.11296	2.779958	33.1988	0	25.1425	0.112957	0.040633	8.192749	0.040633
16.36	-0.23577	2.648744	33.2415	0	28.89825	0.235774	0.089014	8.201252	0.089014	16.36	-0.10982	2.782729	33.199	0	25.1395	0.109819	0.039464	8.195749	0.039464
16.37	-0.23637	2.65064	33.2415	0	28.89825	0.236365	0.089173	8.201252	0.089173	16.37	-0.11126	2.784225	33.1992	0	25.13635	0.111259	0.03996	8.198898	0.03996
16.38	-0.23655	2.651953	33.2427	0	28.88645	0.236555	0.089198	8.213051	0.089198	16.38	-0.11115	2.786996	33.1995	0	25.129	0.111148	0.039881	8.206249	0.039881
16.39	-0.23766	2.654542	33.243	0	28.8835	0.237657	0.089529	8.216002	0.089529	16.39	-0.11222	2.789221	33.1995	0	25.129	0.112219	0.040233	8.206249	0.040233
16.4	-0.23777	2.65684	33.2433	0	28.88035	0.237768	0.089493	8.219151	0.089493	16.4	-0.11222	2.791919	33.2007	0	25.117	0.112219	0.040194	8.21825	0.040194
16.41	-0.23843	2.65921	33.244	0	28.873	0.238433	0.089663	8.226502	0.089663	16.41	-0.11466	2.794034	33.201	0	25.114	0.114656	0.041036	8.221251	0.041036
16.42	-0.23829	2.660961	33.244	0	28.873	0.238285	0.089549	8.226502	0.089549	16.42	-0.11226	2.796004	33.2011	0	25.11048	0.112256	0.040449	8.224175	0.040449
16.43	-0.23928	2.662894	33.2448	0	28.8614	0.239282	0.089858	8.238102	0.089858	16.43	-0.11373	2.798192	33.2015	0	25.10425	0.113733	0.040645	8.230999	0.040645
16.44	-0.24046	2.66541	33.245	0	28.8585	0.240464	0.090216	8.241102	0.090216	16.44	-0.1124	2.800198	33.2015	0	25.10425	0.112404	0.040141	8.230999	0.040141
16.45	-0.24032	2.667727	33.2453	0	28.85535	0.240316	0.090098	8.244153	0.090098	16.45	-0.1137	2.802459	33.2027	0	25.09185	0.113696	0.04057	8.243401	0.04057
16.46	-0.24046	2.669166	33.246	0	28.848	0.240464	0.09009	8.251502	0.09009	16.46	-0.11266	2.804975	33.203	0	25.08875	0.112662	0.040165	8.2465	0.040165
16.47	-0.24065	2.671245	33.246	0	28.848	0.240649	0.090089	8.251502	0.090089	16.47	-0.11344	2.806981	33.2033	0	25.08575	0.113438	0.040413	8.2495	0.040413
16.48	-0.24157	2.673178	33.2468	0	28.8358	0.241572	0.090369	8.263701	0.090369	16.48	-0.11418	2.808914	33.204	0	25.07875	0.114176	0.040648	8.2565	0.040648
16.49	-0.24157	2.674673	33.247	0	28.83275	0.241572	0.090318	8.266751	0.090318	16.49	-0.11458	2.809534	33.204	0	25.07875	0.114582	0.040783	8.2565	0.040783
16.5	-0.24371	2.677007	33.2473	0	28.82975	0.243713	0.09104	8.269751	0.09104	16.5	-0.1144	2.81019	33.204	0	25.06675	0.114398	0.040708	8.2685	0.040708
16.51	-0.24508	2.679013	33.248	0	28.82275	0.245008	0.091481	8.276751	0.091481	16.51	-0.11565	2.809935	33.204	0	25.06375	0.115653	0.041159	8.2715	0.041159
16.52	-0.24523	2.681142	33.248	0	28.82275	0.245227	0.091454	8.276751	0.091454	16.52	-0.11447	2.809935	33.2039	0	25.06068	0.114471	0.040738	8.274574	0.040738
16.53	-0.24456	2.68317	33.2488	0	28.81055	0.244563	0.091147	8.288952	0.091147	16.53	-0.11447	2.808513	33.2035	0	25.0535	0.114471	0.040759	8.28175	0.040759
16.54	-0.2446	2.68565	33.249	0	28.8075	0.2446	0.091077	8.292902	0.091077	16.54	-0.1137	2.807637	33.2035	0	25.0535	0.113696	0.040495	8.28175	0.040495
16.55	-0.24486	2.68751	33.2493	0	28.80458	0.244858	0.09111	8.294928	0.09111	16.55	-0.11395	2.806558	33.2027	0	25.0415	0.113954	0.040603	8.293749	0.040603
16.56	-0.24792	2.689625	33.25	0	28.79775	0.247923	0.092178	8.301753	0.092178	16.56	-0.11462	2.806507	33.2025	0	25.0385	0.114619	0.04084	8.296749	0.04084
16.57	-0.24951	2.690464	33.25	0	28.79775	0.249511	0.092739	8.301753	0.092739	16.57	-0.11388	2.80647	33.2027	0	25.03543	0.113881	0.040578	8.299824	0.040578
16.58	-0.24892	2.693163	33.2508	0	28.78555	0.24892	0.092427	8.313952	0.092427	16.58	-0.11251	2.80782	33.203	0	25.02825	0.112514	0.040761	8.306999	0.040761
16.59	-0.24707	2.694549	33.251	0	28.7825	0.247074	0.091694	8.317002	0.091694	16.59	-0.11336	2.808768	33.203	0	25.02825	0.113364	0.040361	8.306999	0.040361
16.6	-0.24774	2.697174	33.2513	0	28.7795	0.247738	0.091851	8.320002	0.091851	16.6	-0.11392	2.811357	33.2038	0	25.01645	0.113918	0.04052	8.318798	0.04052
16.61	-0.24992	2.699071	33.252																



17.18	-0.26964	2.816134	33.2743	0	28.48325	0.269636	0.095747	8.616251	0.095747	17.18	-0.11761	2.917882	33.2223	0	24.726	0.11761	0.040307	8.609249	0.040307
17.19	-0.27004	2.817812	33.2745	0	28.48025	0.270042	0.095834	8.619252	0.095834	17.19	-0.11606	2.917079	33.2223	0	24.726	0.116059	0.039786	8.609249	0.039786
17.2	-0.27126	2.820438	33.2748	0	28.47718	0.27126	0.096177	8.622326	0.096177	17.2	-0.11543	2.91635	33.2226	0	24.7136	0.115432	0.039581	8.621651	0.039581
17.21	-0.27196	2.822079	33.2755	0	28.47	0.271962	0.096369	8.629502	0.096369	17.21	-0.11492	2.91624	33.2225	0	24.7105	0.114915	0.039405	8.62475	0.039405
17.22	-0.27255	2.82496	33.2755	0	28.47	0.272553	0.09648	8.629502	0.09648	17.22	-0.11684	2.916095	33.2225	0	24.7075	0.116835	0.040065	8.627751	0.040065
17.23	-0.27122	2.82682	33.2767	0	28.4578	0.271223	0.095946	8.641701	0.095946	17.23	-0.1161	2.916642	33.2225	0	24.7005	0.116096	0.039805	8.634751	0.039805
17.24	-0.27159	2.829117	33.2777	0	28.45475	0.271593	0.095999	8.644751	0.095999	17.24	-0.11732	2.91748	33.2225	0	24.7005	0.117315	0.040211	8.634751	0.040211
17.25	-0.27115	2.830977	33.2771	0	28.45183	0.27115	0.09578	8.647677	0.09578	17.25	-0.1161	2.919267	33.2233	0	24.6885	0.116096	0.039769	8.64675	0.039769
17.26	-0.27252	2.83291	33.2775	0	28.445	0.272516	0.096196	8.654501	0.096196	17.26	-0.11665	2.921711	33.2235	0	24.6855	0.11665	0.039925	8.64975	0.039925
17.27	-0.27148	2.834843	33.2775	0	28.445	0.271482	0.095766	8.654501	0.095766	17.27	-0.11576	2.924373	33.2238	0	24.68235	0.115764	0.039586	8.652901	0.039586
17.28	-0.27252	2.836921	33.2783	0	28.4328	0.272516	0.09606	8.666703	0.09606	17.28	-0.11647	2.926561	33.2245	0	24.675	0.116465	0.039796	8.66025	0.039796
17.29	-0.27296	2.838635	33.2785	0	28.42975	0.272959	0.096159	8.669753	0.096159	17.29	-0.11602	2.928312	33.2245	0	24.675	0.116022	0.039621	8.66025	0.039621
17.3	-0.27334	2.841225	33.2788	0	28.42675	0.273439	0.09624	8.672753	0.09624	17.3	-0.11636	2.930463	33.2253	0	24.6632	0.116355	0.039705	8.672049	0.039705
17.31	-0.27143	2.842647	33.2795	0	28.41975	0.271334	0.095451	8.679751	0.095451	17.31	-0.11547	2.932724	33.2255	0	24.66025	0.115468	0.039372	8.674999	0.039372
17.32	-0.27167	2.845601	33.2795	0	28.41975	0.271667	0.095469	8.679751	0.095469	17.32	-0.1168	2.934694	33.2258	0	24.65718	0.116798	0.039799	8.678074	0.039799
17.33	-0.27093	2.848081	33.2807	0	28.40755	0.270928	0.095127	8.691952	0.095127	17.33	-0.11661	2.936882	33.2265	0	24.65	0.116613	0.039706	8.685249	0.039706
17.34	-0.27211	2.849831	33.281	0	28.4045	0.27211	0.095483	8.695002	0.095483	17.34	-0.11636	2.939106	33.2265	0	24.65	0.116355	0.039588	8.685249	0.039588
17.35	-0.27196	2.851764	33.2812	0	28.40143	0.271962	0.095366	8.698077	0.095366	17.35	-0.11647	2.941331	33.2273	0	24.6378	0.116465	0.039596	8.697451	0.039596
17.36	-0.27226	2.85377	33.2815	0	28.39425	0.272257	0.095403	8.705252	0.095403	17.36	-0.11698	2.943482	33.2275	0	24.63475	0.116982	0.039743	8.700501	0.039743
17.37	-0.27226	2.855812	33.2815	0	28.39425	0.272257	0.095334	8.705252	0.095334	17.37	-0.11647	2.946582	33.2278	0	24.63175	0.116465	0.039526	8.703501	0.039526
17.38	-0.2734	2.857599	33.2823	0	28.38245	0.273402	0.095675	8.717051	0.095675	17.38	-0.11665	2.948843	33.2285	0	24.62475	0.11665	0.039558	8.710499	0.039558
17.39	-0.27226	2.85935	33.2825	0	28.3795	0.272257	0.095217	8.720002	0.095217	17.39	-0.11654	2.952053	33.2285	0	24.62475	0.116539	0.039477	8.710499	0.039477
17.4	-0.27204	2.862595	33.2828	0	28.37635	0.272036	0.095031	8.723153	0.095031	17.4	-0.1168	2.955293	33.2293	0	24.61255	0.116798	0.039548	8.722	0.039548
17.41	-0.271	2.864929	33.2835	0	28.369	0.271002	0.094593	8.730502	0.094593	17.41	-0.11691	2.958604	33.2295	0	24.6095	0.116909	0.039549	8.72575	0.039549
17.42	-0.27159	2.867373	33.2835	0	28.369	0.271593	0.094718	8.730502	0.094718	17.42	-0.11658	2.957195	33.2298	0	24.60658	0.116576	0.039421	8.728676	0.039421
17.43	-0.27113	2.869415	33.2847	0	28.3574	0.271297	0.094548	8.742102	0.094548	17.43	-0.11746	2.959675	33.2305	0	24.59975	0.117462	0.039688	8.7355	0.039688
17.44	-0.27433	2.872259	33.285	0	28.3545	0.274325	0.095509	8.745001	0.095509	17.44	-0.11728	2.961753	33.2305	0	24.59975	0.117278	0.039597	8.7355	0.039597
17.45	-0.27451	2.874192	33.2852	0	28.35143	0.27451	0.095509	8.748076	0.095509	17.45	-0.11813	2.965181	33.2313	0	24.58755	0.118127	0.039838	8.7477	0.039838
17.46	-0.27425	2.876453	33.2855	0	28.34425	0.274251	0.095344	8.755251	0.095344	17.46	-0.11809	2.966713	33.2315	0	24.5845	0.11809	0.039805	8.75075	0.039805
17.47	-0.27229	2.878058	33.2855	0	28.34425	0.272294	0.09461	8.755251	0.09461	17.47	-0.1185	2.969266	33.2318	0	24.5815	0.118496	0.039908	8.75375	0.039908
17.48	-0.27325	2.880319	33.2863	0	28.33165	0.273254	0.094869	8.767851	0.094869	17.48	-0.11743	2.970104	33.2325	0	24.5745	0.117426	0.039536	8.76075	0.039536
17.49	-0.27211	2.882069	33.2865	0	28.3285	0.27211	0.094415	8.771002	0.094415	17.49	-0.11783	2.971417	33.2325	0	24.5745	0.117832	0.039655	8.76075	0.039655
17.5	-0.27318	2.884732	33.2868	0	28.32558	0.273181	0.094699	8.773926	0.094699	17.5	-0.11709	2.975079	33.2325	0	24.5623	0.117093	0.039418	8.772949	0.039418
17.51	-0.27403	2.886738	33.2875	0	28.31875	0.27403	0.094927	8.780751	0.094927	17.51	-0.11732	2.979098	33.2325	0	24.55925	0.117315	0.039487	8.775999	0.039487
17.52	-0.27418	2.889327	33.2875	0	28.31875	0.274178	0.094893	8.780751	0.094893	17.52	-0.11621	2.969888	33.2322	0	24.5561	0.116207	0.039128	8.779148	0.039128
17.53	-0.27196	2.891442	33.2887	0	28.30675	0.271962	0.094058	8.792752	0.094058	17.53	-0.11706	2.969754	33.2315	0	24.54875	0.117056	0.039416	8.786499	0.039416
17.54	-0.2706	2.893922	33.289	0	28.30375	0.270596	0.093505	8.795752	0.093505	17.54	-0.1172	2.968573	33.2315	0	24.54875	0.117204	0.039482	8.786499	0.039482
17.55	-0.27089	2.895927	33.2892	0	28.30083	0.270891	0.093542	8.798678	0.093542	17.55	-0.11776	2.969412	33.2319	0	24.53675	0.117758	0.039657	8.7985	0.039657
17.56	-0.27215	2.897787	33.2895	0	28.294	0.272147	0.093915	8.805502	0.093915	17.56	-0.11794	2.969229	33.232	0	24.53375	0.117943	0.039722	8.8015	0.039722
17.57	-0.26956	2.899611	33.2895	0	28.294	0.269562	0.092965	8.805502	0.092965	17.57	-0.11728	2.971344	33.2322	0	24.53083	0.117278	0.03947	8.804424	0.03947
17.58	-0.26956	2.901617	33.2903	0	28.2812	0.269562	0.092901	8.818301	0.092901	17.58	-0.11702	2.972511	33.2325	0	24.524	0.117019	0.039367	8.811249	0.039367
17.59	-0.26978	2.903695	33.2905	0	28.278	0.269783	0.09291	8.821501	0.09291	17.59	-0.11724	2.975684	33.2325	0	24.524	0.117241	0.0394	8.811249	0.0394
17.6	-0.26849	2.905774	33.2908	0	28.27508	0.268491	0.092399	8.824427	0.092399	17.6	-0.11713	2.976699	33.2333	0	24.5116	0.11713	0.039349	8.823651	0.039349
17.61	-0.26713	2.908254	33.2915	0	28.26825	0.267125	0.091851	8.831252	0.091851	17.61	-0.1172	2.979265	33.2335	0	24.5085	0.117204	0.039128	8.82675	0.039128
17.62	-0.26875	2.910734	33.2915	0	28.26825	0.268749	0.09233	8.831252	0.09233	17.62	-0.11739	2.980352	33.2338	0	24.5055	0.117389	0.039387	8.82975	0.039387
17.63	-0.2682	2.91263	33.2927	0	28.25585	0.268196	0.09208	8.843653	0.09208	17.63	-0.11739	2.983087	33.2345	0	24.4985	0.117389	0.039351	8.83675	0.039351
17.64	-0.26768	2.914964	33.293	0	28.25275	0.267679	0.091829	8.846753	0.091829	17.64	-0.11636	2.984692	33.2345	0	24.4985	0.116355	0.039894	8.83675	0.039894
17.65	-0.27133	2.917371	33.2932	0	28.24983	0.271334	0.093006	8.849677	0.093006	17.65	-0.11636	2.987901	33.2353	0	24.4865	0.116355	0.039842	8.848749	0.039842
17.66	-0.26919	2.918866	33.2935	0	28.243	0.269193	0.092225	8.856501	0.092225	17.66	-0.11687	2.98998	33.2355	0	24.4835	0.116872	0.039088	8.85175	0.039088
17.67	-0.26665	2.920908	33.2935	0	28.243	0.266645	0.091288	8.865601	0.091288	17.67	-0.11868	2.993444	33.2358	0	24.48058	0.118681	0.039647	8.854675	0.039647
17.68	-0.26709	2.922805	33.2943	0	28.23	0.267088	0.091381	8.868502	0.091381	17.68	-0.11813	2.994611	33.2365	0	24.47375	0.118127	0.039447	8.8615	0.039447
17.69	-0.26713	2.925358	33.2945	0	28.228	0.267125	0.091314	8.871502	0.091314	17.69	-0.11743	2.997894	33.2365	0	24.47375	0.117426	0.039169	8.8615	0.039169
17.7	-0.26742	2.92729	33.2948	0															

18.27	-0.27492	3.052706	33.3175	0	27.94075	0.274916	0.090057	9.158751	0.090057	18.27	-0.12588	3.088445	33.2522	0	24.17793	0.125882	0.040759	9.157324	0.040759
18.28	-0.27466	3.053472	33.3183	0	27.92875	0.274658	0.089949	9.170752	0.089949	18.28	-0.12433	3.08932	33.2525	0	24.17075	0.124331	0.040245	9.164499	0.040245
18.29	-0.27495	3.056243	33.3185	0	27.92575	0.274953	0.089964	9.173752	0.089964	18.29	-0.1264	3.090232	33.2529	0	24.17075	0.126399	0.040903	9.164499	0.040903
18.3	-0.27444	3.058103	33.3188	0	27.92275	0.274399	0.089729	9.176753	0.089729	18.3	-0.12614	3.091654	33.2533	0	24.15875	0.12614	0.0408	9.1765	0.0408
18.31	-0.27455	3.061239	33.3195	0	27.91575	0.274547	0.089685	9.183752	0.089685	18.31	-0.12747	3.093952	33.2535	0	24.15575	0.127469	0.0412	9.179501	0.0412
18.32	-0.27458	3.063026	33.3195	0	27.91575	0.274584	0.089645	9.183752	0.089645	18.32	-0.12758	3.096067	33.2537	0	24.15275	0.12758	0.041207	9.182501	0.041207
18.33	-0.27429	3.066308	33.3203	0	27.90315	0.274288	0.089452	9.196352	0.089452	18.33	-0.12836	3.098145	33.254	0	24.14575	0.128356	0.04143	9.189499	0.04143
18.34	-0.27311	3.067475	33.3205	0	27.89	0.273107	0.089033	9.199352	0.089033	18.34	-0.12825	3.100334	33.254	0	24.14575	0.128245	0.041365	9.189499	0.041365
18.35	-0.2737	3.070466	33.3208	0	27.897	0.273698	0.089139	9.202502	0.089139	18.35	-0.12847	3.102449	33.2548	0	24.14335	0.128466	0.041408	9.201901	0.041408
18.36	-0.27425	3.071596	33.3215	0	27.89	0.274251	0.089286	9.209502	0.089286	18.36	-0.12725	3.105184	33.2545	0	24.13025	0.127248	0.040979	9.205	0.040979
18.37	-0.27421	3.07404	33.3215	0	27.89	0.274214	0.089203	9.209502	0.089203	18.37	-0.12884	3.107153	33.2553	0	24.12733	0.128836	0.041464	9.207926	0.041464
18.38	-0.27366	3.075681	33.3223	0	27.878	0.273661	0.088976	9.221501	0.088976	18.38	-0.12843	3.109925	33.2556	0	24.1205	0.12843	0.041297	9.21475	0.041297
18.39	-0.2744	3.078124	33.3225	0	27.875	0.274399	0.089145	9.224501	0.089145	18.39	-0.12935	3.112113	33.256	0	24.1205	0.129353	0.041564	9.21475	0.041564
18.4	-0.27366	3.080057	33.3228	0	27.872	0.273661	0.088849	9.227501	0.088849	18.4	-0.12773	3.114811	33.2568	0	24.1085	0.127728	0.041007	9.22675	0.041007
18.41	-0.27359	3.083047	33.3235	0	27.865	0.273587	0.088739	9.234501	0.088739	18.41	-0.12932	3.116234	33.257	0	24.1055	0.129316	0.041497	9.22975	0.041497
18.42	-0.27381	3.084762	33.3235	0	27.865	0.273808	0.088762	9.234501	0.088762	18.42	-0.12861	3.11875	33.2573	0	24.1025	0.128614	0.041239	9.23275	0.041239
18.43	-0.27407	3.087788	33.3243	0	27.8528	0.274067	0.088758	9.246703	0.088758	18.43	-0.13061	3.120428	33.258	0	24.0955	0.130608	0.041856	9.23975	0.041856
18.44	-0.27392	3.090013	33.3245	0	27.84975	0.273919	0.088647	9.249752	0.088647	18.44	-0.12917	3.122907	33.258	0	24.0955	0.129168	0.041361	9.23975	0.041361
18.45	-0.2744	3.092383	33.3248	0	27.84675	0.274399	0.088734	9.252753	0.088734	18.45	-0.13113	3.125132	33.2588	0	24.0833	0.131125	0.041958	9.251949	0.041958
18.46	-0.27348	3.094024	33.3255	0	27.83975	0.273476	0.088388	9.259751	0.088388	18.46	-0.12994	3.128013	33.259	0	24.08025	0.129944	0.041542	9.254999	0.041542
18.47	-0.2741	3.096431	33.3255	0	27.83975	0.274104	0.088522	9.259751	0.088522	18.47	-0.13146	3.130311	33.2593	0	24.07718	0.131458	0.041995	9.258074	0.041995
18.48	-0.27399	3.098218	33.3263	0	27.82755	0.273993	0.088436	9.271952	0.088436	18.48	-0.13039	3.133082	33.26	0	24.07	0.130387	0.041616	9.265249	0.041616
18.49	-0.27385	3.100662	33.3265	0	27.8245	0.273845	0.088318	9.275002	0.088318	18.49	-0.13131	3.135051	33.26	0	24.07	0.13131	0.041884	9.265249	0.041884
18.5	-0.27266	3.102522	33.3268	0	27.8215	0.272664	0.087885	9.278002	0.087885	18.5	-0.12954	3.13775	33.2608	0	24.0582	0.129537	0.041284	9.277048	0.041284
18.51	-0.27396	3.105147	33.3275	0	27.8145	0.273956	0.088226	9.285002	0.088226	18.51	-0.13046	3.13961	33.261	0	24.0552	0.130461	0.041553	9.279999	0.041553
18.52	-0.27307	3.10708	33.3275	0	27.8145	0.27307	0.087886	9.285002	0.087886	18.52	-0.13153	3.142637	33.2613	0	24.0521	0.131531	0.041854	9.28315	0.041854
18.53	-0.27307	3.109706	33.3283	0	27.8023	0.27307	0.087812	9.297202	0.087812	18.53	-0.13249	3.144278	33.262	0	24.04475	0.132491	0.042137	9.290501	0.042137
18.54	-0.27163	3.111748	33.3285	0	27.79925	0.27163	0.087292	9.300251	0.087292	18.54	-0.13113	3.146904	33.262	0	24.04475	0.131125	0.041668	9.290501	0.041668
18.55	-0.27241	3.114957	33.3288	0	27.79618	0.272405	0.087451	9.303252	0.087451	18.55	-0.13098	3.147998	33.2628	0	24.03295	0.130977	0.041607	9.3023	0.041607
18.56	-0.27133	3.116878	33.3295	0	27.789	0.271334	0.087075	9.310502	0.087075	18.56	-0.13142	3.149384	33.263	0	24.03	0.131421	0.041729	9.30525	0.041729
18.57	-0.27145	3.119005	33.3295	0	27.789	0.271445	0.087029	9.310502	0.087029	18.57	-0.13179	3.148582	33.2629	0	24.02693	0.13179	0.041857	9.308325	0.041857
18.58	-0.27097	3.120136	33.3303	0	27.7774	0.270965	0.086844	9.322102	0.086844	18.58	-0.13142	3.149201	33.2625	0	24.01975	0.131421	0.041731	9.315	0.041731
18.59	-0.27285	3.122616	33.3305	0	27.7745	0.272848	0.087378	9.325001	0.087378	18.59	-0.13209	3.147888	33.2625	0	24.01975	0.132085	0.04196	9.3155	0.04196
18.6	-0.27185	3.124074	33.3308	0	27.77135	0.271851	0.087018	9.328152	0.087018	18.6	-0.13105	3.148144	33.2621	0	24.00795	0.131049	0.041952	9.327299	0.041952
18.61	-0.27196	3.127211	33.3315	0	27.764	0.271961	0.086966	9.335501	0.086966	18.61	-0.13019	3.147341	33.262	0	24.005	0.131901	0.041409	9.33025	0.041409
18.62	-0.27089	3.129144	33.3315	0	27.764	0.270891	0.08657	9.335501	0.08657	18.62	-0.13168	3.147534	33.262	0	24.00193	0.131679	0.041836	9.333325	0.041836
18.63	-0.27244	3.132171	33.3323	0	27.752	0.272442	0.086982	9.347502	0.086982	18.63	-0.13135	3.147341	33.262	0	23.99475	0.131347	0.041733	9.3405	0.041733
18.64	-0.27078	3.133812	33.3325	0	27.749	0.27078	0.086406	9.350502	0.086406	18.64	-0.13201	3.148618	33.262	0	23.99475	0.132011	0.041927	9.3405	0.041927
18.65	-0.27119	3.136985	33.3328	0	27.74593	0.271187	0.086448	9.353577	0.086448	18.65	-0.13294	3.149712	33.2628	0	23.98235	0.132935	0.042205	9.3529	0.042205
18.66	-0.27089	3.138516	33.3335	0	27.73875	0.270891	0.086312	9.360753	0.086312	18.66	-0.13131	3.152484	33.263	0	23.97925	0.13131	0.041653	9.355999	0.041653
18.67	-0.27152	3.140996	33.3335	0	27.73875	0.271519	0.086444	9.360753	0.086444	18.67	-0.13271	3.154307	33.2633	0	23.97625	0.132713	0.042074	9.358999	0.042074
18.68	-0.27104	3.142673	33.3343	0	27.72655	0.271039	0.086245	9.372952	0.086245	18.68	-0.13308	3.157516	33.2648	0	23.96925	0.133082	0.042148	9.365999	0.042148
18.69	-0.27229	3.14508	33.3345	0	27.7235	0.272294	0.086578	9.376002	0.086578	18.69	-0.13238	3.159413	33.264	0	23.96925	0.132381	0.0419	9.365999	0.0419
18.7	-0.27285	3.147123	33.3348	0	27.72058	0.272848	0.086698	9.378928	0.086698	18.7	-0.13356	3.16222	33.2648	0	23.95745	0.133562	0.042237	9.3778	0.042237
18.71	-0.27325	3.149639	33.3355	0	27.71375	0.273254	0.086757	9.385752	0.086757	18.71	-0.1333	3.16419	33.265	0	23.9545	0.133304	0.042189	9.380751	0.042189
18.72	-0.27277	3.151827	33.3355	0	27.71375	0.272774	0.086545	9.385752	0.086545	18.72	-0.13327	3.166234	33.2653	0	23.95135	0.133267	0.042026	9.3839	0.042026
18.73	-0.27248	3.15438	33.3363	0	27.70155	0.272479	0.086381	9.397952	0.086381	18.73	-0.13323	3.168055	33.266	0	23.944	0.133233	0.042054	9.391251	0.042054
18.74	-0.27241	3.15675	33.3365	0	27.6985	0.272405	0.086293	9.401002	0.086293	18.74	-0.13349	3.171046	33.266	0	23.944	0.133488	0.042096	9.391251	0.042096
18.75	-0.27314	3.158902	33.3368	0	27.6955	0.273144	0.086468	9.404002	0.086468	18.75	-0.13364	3.173052	33.2668	0	23.932	0.133636	0.042116	9.40325	0.042116
18.76	-0.27351	3.161054	33.3375	0	27.6885	0.273513	0.086526	9.411002	0.086526	18.76	-0.13486	3.175787	33.267	0	23.929	0.134855	0.042463	9.40625	0.042463
18.77	-0.27329	3.162658	33.3375	0	27.6885	0.273291	0.086412	9.411002	0.086412	18.77	-0.13511	3.177866	33.2673	0	23.92925	0.135113	0.042517	9.409325	0.042517
18.78	-0.27348	3.164737	33.3383	0	27.6763	0.273476	0.086413	9.423201	0.086413	18.78	-0.13534	3.181002	33.268	0	23.91875	0.135335	0.042545	9.4165	0.042545
18.79																			

19.36	-0.29489	3.278227	33.3575	0	27.38575	0.294893	0.089955	9.713751	0.089955	19.36	-0.14486	3.280998	33.285	0	23.62625	0.144862	0.044152	9.709	0.044152
19.37	-0.29537	3.279686	33.3575	0	27.38575	0.295373	0.090061	9.713751	0.090061	19.37	-0.14457	3.280962	33.285	0	23.62325	0.144566	0.044062	9.712	0.044062
19.38	-0.29659	3.282895	33.3583	0	27.37375	0.296592	0.090345	9.725752	0.090345	19.38	-0.14494	3.280998	33.285	0	23.61625	0.144936	0.044174	9.719	0.044174
19.39	-0.29704	3.284208	33.3585	0	27.37075	0.297305	0.090443	9.728753	0.090443	19.39	-0.14431	3.280415	33.285	0	23.61625	0.144308	0.043991	9.719	0.043991
19.4	-0.29722	3.287417	33.3588	0	27.36768	0.297222	0.090411	9.731827	0.090411	19.4	-0.14486	3.279649	33.2846	0	23.63085	0.144862	0.04417	9.7314	0.04417
19.41	-0.29656	3.288475	33.3595	0	27.3605	0.296555	0.09018	9.739001	0.09018	19.41	-0.14457	3.279357	33.2845	0	23.60075	0.144566	0.044084	9.734499	0.044084
19.42	-0.298	3.28997	33.3595	0	27.3605	0.297995	0.090577	9.739001	0.090577	19.42	-0.1456	3.279576	33.2845	0	23.59783	0.1456	0.044396	9.737425	0.044396
19.43	-0.29711	3.289678	33.3595	0	27.3483	0.297109	0.090315	9.751202	0.090315	19.43	-0.14508	3.280269	33.2845	0	23.59391	0.145083	0.044229	9.744249	0.044229
19.44	-0.29737	3.289788	33.3595	0	27.34525	0.297367	0.090391	9.754252	0.090391	19.44	-0.14538	3.281801	33.2845	0	23.591	0.145379	0.044298	9.744249	0.044298
19.45	-0.29833	3.288766	33.3594	0	27.34233	0.298327	0.090711	9.757178	0.090711	19.45	-0.14438	3.283442	33.2853	0	23.579	0.144382	0.043973	9.756251	0.043973
19.46	-0.29951	3.28862	33.359	0	27.3355	0.299509	0.091074	9.764002	0.091074	19.46	-0.14545	3.285958	33.2855	0	23.576	0.145453	0.044265	9.759251	0.044265
19.47	-0.2987	3.288146	33.359	0	27.3355	0.298697	0.09084	9.764002	0.09084	19.47	-0.14575	3.288219	33.2858	0	23.573	0.145748	0.044324	9.762251	0.044324
19.48	-0.29796	3.288548	33.359	0	27.3231	0.297958	0.090605	9.776402	0.090605	19.48	-0.14634	3.289977	33.2865	0	23.566	0.146339	0.044481	9.769249	0.044481
19.49	-0.29803	3.288985	33.359	0	27.32	0.298032	0.090615	9.779501	0.090615	19.49	-0.14398	3.292851	33.2865	0	23.566	0.143976	0.043724	9.769249	0.043724
19.5	-0.3001	3.290334	33.3593	0	27.31708	0.3001	0.091206	9.782427	0.091206	19.5	-0.14531	3.295185	33.2873	0	23.5536	0.145305	0.044096	9.781651	0.044096
19.51	-0.29984	3.292085	33.36	0	27.31025	0.299841	0.091079	9.789252	0.091079	19.51	-0.14534	3.298139	33.2875	0	23.5505	0.145342	0.044068	9.78475	0.044068
19.52	-0.29833	3.29493	33.36	0	27.31025	0.298327	0.090541	9.789252	0.090541	19.52	-0.14715	3.300217	33.2878	0	23.54743	0.147151	0.044588	9.787825	0.044588
19.53	-0.29803	3.296789	33.3608	0	27.29805	0.298032	0.090401	9.801451	0.090401	19.53	-0.14652	3.300356	33.2885	0	23.54025	0.146523	0.044354	9.795	0.044354
19.54	-0.29947	3.299561	33.361	0	27.2925	0.299472	0.090761	9.804501	0.090761	19.54	-0.14763	3.306052	33.2885	0	23.54025	0.147631	0.044655	9.795	0.044655
19.55	-0.29988	3.301275	33.3613	0	27.29208	0.299878	0.090837	9.807427	0.090837	19.55	-0.1466	3.308423	33.2893	0	23.52865	0.146597	0.04431	9.806601	0.04431
19.56	-0.30088	3.303828	33.362	0	27.28525	0.300875	0.091069	9.814525	0.091069	19.56	-0.14767	3.310429	33.2895	0	23.52575	0.147668	0.044607	9.8095	0.044607
19.57	-0.30176	3.305906	33.362	0	27.28525	0.301761	0.091279	9.814525	0.091279	19.57	-0.14645	3.312653	33.2898	0	23.5226	0.14645	0.044209	9.812649	0.044209
19.58	-0.30353	3.308095	33.3628	0	27.27305	0.303534	0.091755	9.826453	0.091755	19.58	-0.14759	3.315023	33.2905	0	23.51525	0.147594	0.044523	9.82	0.044523
19.59	-0.30213	3.311102	33.363	0	27.27	0.302131	0.09125	9.829503	0.09125	19.59	-0.14726	3.316993	33.2905	0	23.51525	0.147262	0.044396	9.82	0.044396
19.6	-0.30243	3.313601	33.3633	0	27.26685	0.302426	0.091268	9.832653	0.091268	19.6	-0.14789	3.320056	33.2913	0	23.50305	0.14789	0.044544	9.832199	0.044544
19.61	-0.30269	3.316118	33.364	0	27.2595	0.302685	0.091277	9.840002	0.091277	19.61	-0.14785	3.323201	33.2915	0	23.5	0.147853	0.044494	9.835249	0.044494
19.62	-0.30302	3.31867	33.364	0	27.2595	0.303017	0.091307	9.840002	0.091307	19.62	-0.149	3.325599	33.2918	0	23.497	0.148998	0.044803	9.838249	0.044803
19.63	-0.30365	3.320968	33.3652	0	27.2477	0.303645	0.091433	9.851801	0.091433	19.63	-0.14726	3.328043	33.2925	0	23.49	0.147262	0.044249	9.845249	0.044249
19.64	-0.30361	3.32374	33.3655	0	27.24475	0.303608	0.091345	9.854752	0.091345	19.64	-0.14796	3.330194	33.2925	0	23.49	0.147964	0.044431	9.845249	0.044431
19.65	-0.30383	3.325636	33.3657	0	27.24168	0.303829	0.091336	9.857827	0.091336	19.65	-0.14863	3.332054	33.2933	0	23.4778	0.148628	0.044606	9.857451	0.044606
19.66	-0.30619	3.328152	33.366	0	27.2345	0.306193	0.092001	9.865502	0.092001	19.66	-0.14918	3.332711	33.2935	0	23.4775	0.149182	0.044763	9.8605	0.044763
19.67	-0.30531	3.32983	33.366	0	27.2345	0.305306	0.091688	9.865502	0.091688	19.67	-0.14922	3.333331	33.2935	0	23.47183	0.149219	0.044766	9.863424	0.044766
19.68	-0.30571	3.332383	33.3668	0	27.2221	0.305713	0.09174	9.877402	0.09174	19.68	-0.14966	3.333148	33.2935	0	23.465	0.149662	0.044901	9.870249	0.044901
19.69	-0.30597	3.334279	33.367	0	27.2129	0.305971	0.091765	9.880501	0.091765	19.69	-0.14988	3.333075	33.2935	0	23.465	0.149884	0.044969	9.870249	0.044969
19.7	-0.30689	3.337124	33.3673	0	27.21608	0.306894	0.091964	9.883427	0.091964	19.7	-0.1497	3.337126	33.2927	0	23.4528	0.149699	0.044931	9.88245	0.044931
19.71	-0.30545	3.339385	33.368	0	27.20925	0.305454	0.091947	9.890252	0.091947	19.71	-0.1494	3.330231	33.2925	0	23.44975	0.149404	0.044863	9.8855	0.044863
19.72	-0.30605	3.342339	33.368	0	27.20925	0.306045	0.091566	9.890252	0.091566	19.72	-0.14929	3.327876	33.2925	0	23.4466	0.149293	0.044862	9.888649	0.044862
19.73	-0.30719	3.343907	33.3688	0	27.19725	0.30719	0.091865	9.902251	0.091865	19.73	-0.14903	3.327274	33.292	0	23.43925	0.149034	0.044792	9.896	0.044792
19.74	-0.31037	3.345511	33.369	0	27.19425	0.310365	0.092771	9.905251	0.092771	19.74	-0.14955	3.326704	33.292	0	23.43925	0.149551	0.044963	9.896	0.044963
19.75	-0.31088	3.344818	33.369	0	27.19133	0.310882	0.092944	9.908177	0.092944	19.75	-0.15011	3.327022	33.292	0	23.42745	0.150105	0.045117	9.907799	0.045117
19.76	-0.3117	3.345839	33.369	0	27.1845	0.311695	0.093159	9.915001	0.093159	19.76	-0.14988	3.327423	33.292	0	23.4245	0.149884	0.045045	9.91075	0.045045
19.77	-0.31155	3.344381	33.369	0	27.1845	0.311547	0.093155	9.915001	0.093155	19.77	-0.14892	3.329174	33.2922	0	23.42143	0.148924	0.044733	9.913824	0.044733
19.78	-0.31258	3.34522	33.3686	0	27.1721	0.312581	0.093441	9.927403	0.093441	19.78	-0.14974	3.330413	33.2925	0	23.41425	0.149736	0.04496	9.921	0.04496
19.79	-0.31199	3.344636	33.3685	0	27.169	0.31199	0.093281	9.930502	0.093281	19.79	-0.14955	3.33282	33.2925	0	23.41425	0.149551	0.04496	9.921	0.04496
19.8	-0.31192	3.345511	33.3687	0	27.166	0.311916	0.093234	9.933503	0.093234	19.8	-0.1497	3.33479	33.2933	0	23.40185	0.149699	0.04489	9.933401	0.04489
19.81	-0.31251	3.345803	33.369	0	27.159	0.312507	0.093403	9.940503	0.093403	19.81	-0.15011	3.337051	33.2935	0	23.39875	0.150105	0.044981	9.936501	0.044981
19.82	-0.31842	3.348137	33.369	0	27.159	0.318415	0.095102	9.940503	0.095102	19.82	-0.15077	3.338838	33.2938	0	23.39583	0.15077	0.045156	9.939425	0.045156
19.83	-0.31727	3.349377	33.3698	0	27.1466	0.317271	0.094725	9.952902	0.094725	19.83	-0.1507	3.341791	33.2945	0	23.389	0.150696	0.045094	9.946249	0.045094
19.84	-0.3162	3.351966	33.37	0	27.1435	0.3162	0.094333	9.956002	0.094333	19.84	-0.15025	3.34398	33.2945	0	23.389	0.150253	0.044932	9.946249	0.044932
19.85	-0.31638	3.353279	33.3703	0	27.14058	0.316384	0.094351	9.958928	0.094351	19.85	-0.14963	3.346498	33.2953	0	23.377	0.149625	0.044711	9.95825	0.044711
19.86	-0.31797	3.356415	33.371	0	27.13375	0.317972	0.094736	9.965752	0.094736	19.86	-0.15029	3.348648	33.2955	0	23.374	0.15029	0.044881	9.96125	0.044881
19.87	-0.31557	3.35802	33.371	0	27.13375	0.315572	0.093976	9.965752	0.093976	19.87	-0.15088	3.351711	33.2958	0	23.37085	0.150881	0.045016	9.964401	0.045016
19.88	-0.31727	3.361229	33.3718	0	27.12135	0.317271	0.094391	9.978											

20.45	-0.3505	3.447258	33.3857	0	26.83808	0.350504	0.101676	10.26143	0.101676	20.45	-0.15712	3.460825	33.3135	0	23.0746	0.157121	0.0454	10.26065	0.0454
20.46	-0.35043	3.449082	33.386	0	26.83125	0.35043	0.101601	10.26285	0.101601	20.46	-0.15612	3.460314	33.3135	0	23.0715	0.156124	0.045119	10.26375	0.045119
20.47	-0.35183	3.451489	33.386	0	26.83125	0.351833	0.101937	10.26285	0.101937	20.47	-0.1569	3.460132	33.3134	0	23.06843	0.1569	0.045345	10.26683	0.045345
20.48	-0.35254	3.453094	33.3872	0	26.81905	0.352535	0.102093	10.28045	0.102093	20.48	-0.15568	3.458819	33.313	0	23.06125	0.155681	0.04501	10.274	0.04501
20.49	-0.35342	3.456412	33.3875	0	26.816	0.353421	0.102251	10.2835	0.102251	20.49	-0.15576	3.457433	33.313	0	23.06125	0.155765	0.045049	10.274	0.045049
20.5	-0.35335	3.458709	33.3876	0	26.81308	0.353347	0.102162	10.28643	0.102162	20.5	-0.1555	3.455573	33.3126	0	23.04925	0.155497	0.044999	10.286	0.044999
20.51	-0.35394	3.461919	33.388	0	26.80625	0.353938	0.102238	10.29235	0.102238	20.51	-0.15583	3.456193	33.3125	0	23.04625	0.155829	0.045087	10.289	0.045087
20.52	-0.35446	3.463706	33.388	0	26.80625	0.354455	0.102334	10.29235	0.102334	20.52	-0.1548	3.45561	33.3125	0	23.03625	0.154795	0.044795	10.292	0.044795
20.53	-0.35619	3.466805	33.3892	0	26.79385	0.356191	0.102743	10.30565	0.102743	20.53	-0.15624	3.456704	33.3125	0	23.03625	0.156235	0.045198	10.299	0.045198
20.54	-0.35615	3.468556	33.3895	0	26.79075	0.356154	0.102681	10.30875	0.102681	20.54	-0.15465	3.457433	33.3125	0	23.03625	0.154647	0.044729	10.299	0.044729
20.55	-0.35675	3.471473	33.3897	0	26.78775	0.356745	0.102765	10.31175	0.102765	20.55	-0.1552	3.459402	33.3133	0	23.02385	0.155201	0.044864	10.3114	0.044864
20.56	-0.35745	3.473151	33.39	0	26.78075	0.357446	0.102917	10.31875	0.102917	20.56	-0.15498	3.461518	33.3135	0	23.02075	0.15498	0.044772	10.3145	0.044772
20.57	-0.35741	3.475813	33.39	0	26.78075	0.357409	0.102828	10.31875	0.102828	20.57	-0.15535	3.463086	33.3137	0	23.01783	0.155349	0.044858	10.31743	0.044858
20.58	-0.35785	3.478001	33.3912	0	26.76835	0.357852	0.10289	10.33115	0.10289	20.58	-0.15557	3.465493	33.314	0	23.011	0.15557	0.044891	10.32425	0.044891
20.59	-0.35951	3.480846	33.3915	0	26.76525	0.359514	0.103284	10.33425	0.103284	20.59	-0.15601	3.468118	33.314	0	23.011	0.156013	0.044985	10.32425	0.044985
20.6	-0.36033	3.482742	33.3917	0	26.76223	0.360327	0.103461	10.33718	0.103461	20.6	-0.15324	3.470562	33.3152	0	22.999	0.153244	0.044155	10.33625	0.044155
20.61	-0.36129	3.486061	33.392	0	26.7555	0.361287	0.103638	10.344	0.103638	20.61	-0.1548	3.473078	33.3155	0	22.996	0.154795	0.04457	10.33925	0.04457
20.62	-0.36232	3.487884	33.392	0	26.7555	0.362321	0.10388	10.344	0.10388	20.62	-0.15505	3.475558	33.3158	0	22.99285	0.155053	0.044613	10.3424	0.044613
20.63	-0.36402	3.490875	33.3932	0	26.7431	0.364019	0.104277	10.3564	0.104277	20.63	-0.15708	3.478658	33.3165	0	22.9855	0.157084	0.045157	10.34975	0.045157
20.64	-0.36457	3.493026	33.3935	0	26.74	0.364573	0.104372	10.3595	0.104372	20.64	-0.15701	3.481101	33.3165	0	22.9855	0.157011	0.045104	10.34975	0.045104
20.65	-0.36583	3.495397	33.3937	0	26.73708	0.365829	0.10466	10.36243	0.10466	20.65	-0.15771	3.483727	33.3173	0	22.9735	0.157172	0.045271	10.36175	0.045271
20.66	-0.3659	3.496418	33.394	0	26.73025	0.365902	0.104651	10.36925	0.104651	20.66	-0.15731	3.485733	33.3175	0	22.9705	0.157306	0.045129	10.36475	0.045129
20.67	-0.36672	3.497257	33.394	0	26.73025	0.366715	0.104858	10.36925	0.104858	20.67	-0.15694	3.488286	33.3176	0	22.96743	0.156937	0.04499	10.36783	0.04499
20.68	-0.36764	3.496892	33.394	0	26.71805	0.367638	0.105133	10.38145	0.105133	20.68	-0.15498	3.490182	33.318	0	22.96025	0.15498	0.044404	10.375	0.044404
20.69	-0.36819	3.497476	33.394	0	26.715	0.368192	0.105274	10.3845	0.105274	20.69	-0.15679	3.493026	33.318	0	22.96025	0.156789	0.044886	10.375	0.044886
20.7	-0.36852	3.496418	33.3939	0	26.712	0.368524	0.1054	10.3875	0.1054	20.7	-0.15683	3.495251	33.3192	0	22.94865	0.156826	0.044868	10.3866	0.044868
20.71	-0.36963	3.49671	33.3935	0	26.705	0.369632	0.105709	10.3945	0.105709	20.71	-0.15786	3.498533	33.3195	0	22.94575	0.15786	0.045122	10.3895	0.045122
20.72	-0.37037	3.495762	33.3935	0	26.705	0.370371	0.105948	10.3945	0.105948	20.72	-0.15675	3.500612	33.3198	0	22.9426	0.156752	0.044778	10.39265	0.044778
20.73	-0.371	3.496673	33.3939	0	26.6928	0.370998	0.1061	10.4067	0.1061	20.73	-0.15771	3.503748	33.3205	0	22.93525	0.157172	0.045012	10.4	0.045012
20.74	-0.37092	3.4966	33.394	0	26.68975	0.370924	0.106081	10.40975	0.106081	20.74	-0.15631	3.50652	33.3205	0	22.93525	0.156309	0.044577	10.4	0.044577
20.75	-0.37133	3.497658	33.3941	0	26.68668	0.371331	0.106165	10.41283	0.106165	20.75	-0.15819	3.509708	33.3213	0	22.92345	0.158192	0.045086	10.4118	0.045086
20.76	-0.37181	3.499007	33.3945	0	26.6795	0.371811	0.106262	10.42	0.106262	20.76	-0.15768	3.510823	33.3215	0	22.9205	0.157675	0.044911	10.41475	0.044911
20.77	-0.37321	3.500204	33.3945	0	26.6795	0.373214	0.106571	10.42	0.106571	20.77	-0.15838	3.512829	33.3217	0	22.91743	0.158377	0.045085	10.41782	0.045085
20.78	-0.37336	3.504222	33.3953	0	26.6677	0.373362	0.106546	10.4318	0.106546	20.78	-0.15716	3.514944	33.322	0	22.91025	0.157158	0.044711	10.425	0.044711
20.79	-0.37377	3.507504	33.3955	0	26.66475	0.373768	0.106562	10.4347	0.106562	20.79	-0.15716	3.517497	33.322	0	22.91025	0.157158	0.044711	10.425	0.044711
20.8	-0.37358	3.509437	33.3958	0	26.66168	0.373583	0.106451	10.43783	0.106451	20.8	-0.15738	3.520086	33.3232	0	22.89845	0.15738	0.044709	10.4368	0.044709
20.81	-0.37358	3.512573	33.3965	0	26.6545	0.373583	0.106356	10.445	0.106356	20.81	-0.15893	3.523623	33.3235	0	22.8955	0.158931	0.045104	10.43975	0.045104
20.82	-0.37336	3.514543	33.3965	0	26.6545	0.373362	0.106233	10.445	0.106233	20.82	-0.15949	3.525775	33.3238	0	22.89235	0.159485	0.045234	10.4429	0.045234
20.83	-0.37357	3.51757	33.3973	0	26.6425	0.373571	0.106656	10.457	0.106656	20.83	-0.16026	3.528	33.3245	0	22.885	0.16026	0.045425	10.45025	0.045425
20.84	-0.37558	3.519174	33.3975	0	26.6395	0.375577	0.106723	10.46	0.106723	20.84	-0.15915	3.529203	33.3245	0	22.885	0.159152	0.045096	10.45025	0.045096
20.85	-0.37702	3.521873	33.3978	0	26.63635	0.377017	0.10705	10.46315	0.10705	20.85	-0.15945	3.529641	33.3245	0	22.8728	0.159448	0.045174	10.46245	0.045174
20.86	-0.37628	3.523696	33.3985	0	26.629	0.376279	0.106785	10.4705	0.106785	20.86	-0.15723	3.529349	33.3245	0	22.86975	0.157232	0.04455	10.4655	0.04455
20.87	-0.3775	3.526577	33.3985	0	26.629	0.377497	0.107044	10.4705	0.107044	20.87	-0.15716	3.528911	33.3245	0	22.86683	0.157158	0.044534	10.46843	0.044534
20.88	-0.37742	3.528766	33.3993	0	26.6174	0.377423	0.106956	10.4821	0.106956	20.88	-0.15727	3.528839	33.3245	0	22.86	0.157269	0.044567	10.47525	0.044567
20.89	-0.3775	3.531501	33.3995	0	26.6145	0.377497	0.106894	10.485	0.106894	20.89	-0.15731	3.527817	33.3245	0	22.86	0.157306	0.04459	10.47525	0.04459
20.9	-0.37676	3.533652	33.3998	0	26.61143	0.376759	0.10662	10.48808	0.10662	20.9	-0.15771	3.527854	33.3241	0	22.8478	0.157172	0.044705	10.48745	0.044705
20.91	-0.37812	3.537044	33.4005	0	26.60425	0.378162	0.106915	10.49525	0.106915	20.91	-0.15738	3.527234	33.324	0	22.84475	0.15738	0.044618	10.4905	0.044618
20.92	-0.37726	3.538795	33.4005	0	26.60425	0.378199	0.106872	10.49525	0.106872	20.92	-0.15646	3.528	33.324	0	22.84175	0.156457	0.044347	10.4935	0.044347
20.93	-0.37968	3.54204	33.4013	0	26.59185	0.379676	0.107191	10.50765	0.107191	20.93	-0.15635	3.52851	33.324	0	22.83475	0.156346	0.044309	10.5005	0.044309
20.94	-0.37916	3.543827	33.4015	0	26.58875	0.379159	0.106991	10.51075	0.106991	20.94	-0.15672	3.530881	33.324	0	22.83475	0.156715	0.044384	10.5005	0.044384
20.95	-0.37986	3.545906	33.4018	0	26.58585	0.379861	0.107127	10.51375	0.107127	20.95	-0.15713	3.532704	33.3252	0	22.82255	0.157306	0.044528	10.5127	0.044528
20.96	-0.38001	3.547838	33.4025	0	26.57875	0.380008	0.10711	10.52075	0.10711	20.96	-0.15937	3.535475	33.3255	0	22.8195	0.159374	0.045078	10.51575	0.045078
20.97	-0.38197	3.54948	33.4025	0	26														

21.54	-0.40892	3.64025	33.417	0	26.2865	0.408922	0.112333	10.813	0.112333	21.54	-0.16584	3.640359	33.342	0	22.53225	0.165836	0.045555	10.803	0.045555
21.55	-0.40918	3.643167	33.4172	0	26.28343	0.40918	0.112314	10.81608	0.112314	21.55	-0.1634	3.639083	33.3416	0	22.52005	0.163399	0.044901	10.8152	0.044901
21.56	-0.41073	3.644662	33.4175	0	26.27625	0.410731	0.112694	10.82325	0.112694	21.56	-0.16369	3.639156	33.3415	0	22.517	0.163694	0.044981	10.81825	0.044981
21.57	-0.41165	3.645647	33.4175	0	26.27625	0.411654	0.112917	10.82325	0.112917	21.57	-0.1634	3.637843	33.3415	0	22.514	0.163399	0.044916	10.82125	0.044916
21.58	-0.41199	3.645501	33.4175	0	26.26425	0.411913	0.112992	10.83525	0.112992	21.58	-0.16528	3.638207	33.3415	0	22.507	0.165282	0.045443	10.82825	0.045443
21.59	-0.41099	3.645319	33.4175	0	26.26125	0.410989	0.112744	10.83825	0.112744	21.59	-0.16462	3.637296	33.3415	0	22.507	0.164617	0.045258	10.82825	0.045258
21.6	-0.41092	3.644772	33.4174	0	26.25818	0.410916	0.112741	10.84133	0.112741	21.6	-0.16561	3.638062	33.3415	0	22.495	0.165614	0.045523	10.84025	0.045523
21.61	-0.41029	3.644772	33.417	0	26.261	0.410288	0.112569	10.84485	0.112569	21.61	-0.16454	3.638609	33.3415	0	22.492	0.164543	0.045222	10.84325	0.045222
21.62	-0.41117	3.644407	33.417	0	26.261	0.411174	0.112823	10.84845	0.112823	21.62	-0.16429	3.640213	33.3417	0	22.489	0.164285	0.045131	10.84625	0.045131
21.63	-0.41162	3.644444	33.4174	0	26.2392	0.411617	0.112944	10.8603	0.112944	21.63	-0.16477	3.642037	33.342	0	22.482	0.164765	0.045424	10.85325	0.045424
21.64	-0.41154	3.644918	33.4175	0	26.23625	0.411543	0.112909	10.86325	0.112909	21.64	-0.16587	3.644662	33.342	0	22.482	0.165873	0.045511	10.85325	0.045511
21.65	-0.41173	3.645756	33.4177	0	26.23318	0.411728	0.112933	10.86633	0.112933	21.65	-0.16517	3.647252	33.3432	0	22.469	0.165171	0.045286	10.86545	0.045286
21.66	-0.41143	3.647507	33.418	0	26.226	0.411433	0.112798	10.8735	0.112798	21.66	-0.16513	3.65006	33.3435	0	22.46675	0.165134	0.045242	10.8685	0.045242
21.67	-0.41261	3.649549	33.418	0	26.226	0.412614	0.113059	10.8735	0.113059	21.67	-0.16547	3.652722	33.3437	0	22.46375	0.165467	0.0453	10.8715	0.0453
21.68	-0.41302	3.65192	33.4188	0	26.2136	0.41302	0.113097	10.8859	0.113097	21.68	-0.16598	3.655858	33.344	0	22.45675	0.165984	0.045402	10.8785	0.045402
21.69	-0.41247	3.654436	33.419	0	26.2105	0.412466	0.112867	10.889	0.112867	21.69	-0.16676	3.658375	33.344	0	22.45675	0.166759	0.045583	10.8785	0.045583
21.7	-0.41276	3.656952	33.4193	0	26.20758	0.412762	0.11287	10.89193	0.11287	21.7	-0.16702	3.661037	33.3452	0	22.44575	0.167018	0.04562	10.8905	0.04562
21.71	-0.41354	3.659578	33.42	0	26.20075	0.413537	0.113001	10.89875	0.113001	21.71	-0.16657	3.663735	33.3455	0	22.44175	0.166574	0.045466	10.8935	0.045466
21.72	-0.41579	3.662277	33.42	0	26.20075	0.41579	0.113533	10.89875	0.113533	21.72	-0.1665	3.665924	33.3456	0	22.4386	0.166501	0.045418	10.89665	0.045418
21.73	-0.4159	3.664793	33.4208	0	26.18875	0.415901	0.113485	10.91075	0.113485	21.73	-0.16632	3.66782	33.346	0	22.43125	0.166316	0.045345	10.904	0.045345
21.74	-0.41645	3.667492	33.421	0	26.18575	0.416454	0.113553	10.91375	0.113553	21.74	-0.16724	3.670591	33.346	0	22.43125	0.167239	0.045562	10.904	0.045562
21.75	-0.41719	3.669534	33.4213	0	26.18275	0.417193	0.113691	10.91675	0.113691	21.75	-0.16717	3.673127	33.3472	0	22.41925	0.167165	0.045509	10.916	0.045509
21.76	-0.41767	3.671613	33.422	0	26.17575	0.417673	0.113757	10.92375	0.113757	21.76	-0.16909	3.676062	33.3475	0	22.41625	0.169085	0.045996	10.919	0.045996
21.77	-0.41812	3.67402	33.422	0	26.17575	0.418116	0.113803	10.92375	0.113803	21.77	-0.16857	3.678833	33.3477	0	22.41325	0.168568	0.045821	10.922	0.045821
21.78	-0.41915	3.676536	33.4228	0	26.16335	0.41915	0.114007	10.93615	0.114007	21.78	-0.16901	3.682298	33.348	0	22.40625	0.169012	0.045898	10.929	0.045898
21.79	-0.41989	3.678432	33.423	0	26.16025	0.419889	0.114149	10.93925	0.114149	21.79	-0.16827	3.685033	33.348	0	22.40625	0.168273	0.045664	10.929	0.045664
21.8	-0.42258	3.681605	33.4233	0	26.15718	0.422584	0.114783	10.94233	0.114783	21.8	-0.16813	3.687841	33.3492	0	22.39385	0.168125	0.045589	10.9414	0.045589
21.81	-0.42277	3.683866	33.424	0	26.15	0.422769	0.114762	10.9495	0.114762	21.81	-0.16731	3.689993	33.3495	0	22.39075	0.167313	0.045342	10.9445	0.045342
21.82	-0.42399	3.686747	33.424	0	26.15	0.423987	0.115003	10.9495	0.115003	21.82	-0.16883	3.692472	33.3497	0	22.38783	0.168827	0.045722	10.94743	0.045722
21.83	-0.42406	3.689008	33.4248	0	26.1384	0.424061	0.114953	10.9611	0.114953	21.83	-0.16864	3.693786	33.35	0	22.381	0.168642	0.045656	10.95425	0.045656
21.84	-0.42502	3.692108	33.425	0	26.1355	0.425021	0.115116	10.964	0.115116	21.84	-0.16975	3.695281	33.35	0	22.381	0.16975	0.045937	10.95425	0.045937
21.85	-0.42561	3.693494	33.4253	0	26.13235	0.425612	0.115233	10.96715	0.115233	21.85	-0.16923	3.698483	33.3504	0	22.369	0.169233	0.045803	10.96625	0.045803
21.86	-0.42672	3.695939	33.426	0	26.125	0.42672	0.115474	10.9745	0.115474	21.86	-0.16894	3.699864	33.3505	0	22.366	0.168938	0.04571	10.96925	0.04571
21.87	-0.42665	3.695901	33.426	0	26.125	0.426646	0.115438	10.9745	0.115438	21.87	-0.16768	3.695171	33.3505	0	22.363	0.167682	0.045379	10.97225	0.045379
21.88	-0.42724	3.696958	33.426	0	26.1128	0.427237	0.115564	10.9867	0.115564	21.88	-0.16883	3.695682	33.3505	0	22.356	0.168827	0.045682	10.97925	0.045682
21.89	-0.42609	3.695974	33.426	0	26.10975	0.426092	0.115286	10.98975	0.115286	21.89	-0.16805	3.695025	33.3505	0	22.356	0.168051	0.04548	10.97925	0.04548
21.9	-0.42639	3.696484	33.4259	0	26.10683	0.426388	0.11535	10.99268	0.11535	21.9	-0.16994	3.694697	33.3497	0	22.3436	0.169935	0.045994	10.99165	0.045994
21.91	-0.42739	3.695171	33.4255	0	26.1	0.427385	0.11566	10.9995	0.11566	21.91	-0.16864	3.693129	33.3495	0	22.3405	0.168642	0.045664	10.99475	0.045664
21.92	-0.43019	3.695062	33.4255	0	26.1	0.430191	0.116423	10.9995	0.116423	21.92	-0.16779	3.691853	33.3494	0	22.33743	0.167793	0.04545	10.99782	0.04545
21.93	-0.43038	3.693494	33.4251	0	26.0878	0.430376	0.116523	11.0117	0.116523	21.93	-0.16813	3.690284	33.349	0	22.33025	0.168125	0.045559	11.005	0.045559
21.94	-0.43038	3.693859	33.425	0	26.08475	0.430376	0.116511	11.01475	0.116511	21.94	-0.16968	3.690977	33.349	0	22.33025	0.169676	0.045971	11.005	0.045971
21.95	-0.43004	3.693384	33.425	0	26.08175	0.430043	0.116436	11.01775	0.116436	21.95	-0.16816	3.690212	33.349	0	22.31865	0.168162	0.04557	11.0166	0.04557
21.96	-0.43141	3.694333	33.425	0	26.07475	0.43141	0.116776	11.02475	0.116776	21.96	-0.1668	3.691488	33.349	0	22.31575	0.166876	0.045184	11.0195	0.045184
21.97	-0.43163	3.694588	33.425	0	26.07475	0.431631	0.116828	11.02475	0.116828	21.97	-0.1665	3.6924	33.3493	0	22.3126	0.166501	0.045093	11.02265	0.045093
21.98	-0.43303	3.696958	33.4258	0	26.06255	0.433034	0.117133	11.03695	0.117133	21.98	-0.16765	3.694661	33.35	0	22.30525	0.167645	0.045375	11.03	0.045375
21.99	-0.43322	3.698016	33.426	0	26.0595	0.433219	0.117149	11.04	0.117149	21.99	-0.16676	3.695828	33.35	0	22.30525	0.166759	0.045121	11.03	0.045121
22	-0.43536	3.701116	33.4263	0	26.05658	0.435361	0.117163	11.04293	0.117163	22	-0.16602	3.698052	33.3508	0	22.29325	0.166021	0.044894	11.042	0.044894
22.01	-0.43484	3.70283	33.427	0	26.04975	0.434844	0.117436	11.04975	0.117436	22.01	-0.16635	3.700459	33.3512	0	22.29025	0.166353	0.044955	11.045	0.044955
22.02	-0.43717	3.705674	33.427	0	26.04975	0.43717	0.117973	11.04975	0.117973	22.02	-0.16916	3.703523	33.3512	0	22.28718	0.169159	0.045675	11.04808	0.045675
22.03	-0.43647	3.707753	33.4278	0	26.03755	0.436469	0.117718	11.06195	0.117718	22.03	-0.16787	3.705857	33.3515	0	22.28	0.167867	0.045298	11.05525	0.045298
22.04	-0.43776	3.710962	33.428	0	26.0345	0.437761	0.117964	11.065	0.117964	22.04	-0.16739	3.708628	33.3515	0	22.28	0.167387	0.045134	11.05525	0.045134
22.05	-0.43806	3.712968	33.4283	0	26.03143	0.438056	0.11798	11.06808	0.11798	22.05	-0.16728	3.711144	33.3527	0	22.2684	0.167276	0.045074	11.06685	0.045074
22.06	-0.44001	3.716469	33.429	0	26.02425	0.440013	0.118396	11.07525	0.118396	22.06									

22.63	-0.46224	3.808005	33.4433	0	25.73455	0.462243	0.121387	11.36495	0.121387	22.63	-0.18002	3.822373	33.37	0	21.97725	0.180016	0.047095	11.358	0.047095
22.64	-0.46298	3.810704	33.4435	0	25.7315	0.462982	0.121495	11.368	0.121495	22.64	-0.17946	3.823686	33.37	0	21.97725	0.179462	0.046934	11.358	0.046934
22.65	-0.46221	3.813329	33.4438	0	25.72858	0.462206	0.121208	11.37093	0.121208	22.65	-0.18042	3.826239	33.3708	0	21.96545	0.180422	0.047154	11.3698	0.047154
22.66	-0.46195	3.816538	33.4445	0	25.72175	0.461948	0.121038	11.37775	0.121038	22.66	-0.17928	3.826664	33.371	0	21.9625	0.179277	0.04685	11.37275	0.04685
22.67	-0.46261	3.819018	33.4445	0	25.72175	0.462612	0.121134	11.37775	0.121134	22.67	-0.18009	3.827406	33.371	0	21.95943	0.180092	0.047265	11.37582	0.047265
22.68	-0.46402	3.821535	33.4453	0	25.70955	0.464016	0.121421	11.38995	0.121421	22.68	-0.18061	3.826664	33.371	0	21.95225	0.180606	0.047197	11.383	0.047197
22.69	-0.46398	3.823978	33.4455	0	25.70665	0.463979	0.121334	11.393	0.121334	22.69	-0.18098	3.826859	33.371	0	21.95225	0.180976	0.047291	11.383	0.047291
22.7	-0.46435	3.825984	33.4458	0	25.70305	0.464348	0.121367	11.396	0.121367	22.7	-0.17976	3.826239	33.3706	0	21.94045	0.179757	0.04698	11.3948	0.04698
22.71	-0.46357	3.828755	33.4465	0	25.6965	0.463572	0.121077	11.403	0.121077	22.71	-0.18053	3.826713	33.3705	0	21.9375	0.180533	0.047177	11.39775	0.047177
22.72	-0.46368	3.830907	33.4465	0	25.6965	0.463683	0.121037	11.403	0.121037	22.72	-0.17983	3.825838	33.3705	0	21.93435	0.179831	0.047004	11.4009	0.047004
22.73	-0.46379	3.83408	33.4473	0	25.6843	0.463794	0.120966	11.4152	0.120966	22.73	-0.18153	3.827552	33.3705	0	21.927	0.18153	0.047427	11.40825	0.047427
22.74	-0.46538	3.836377	33.4475	0	25.68125	0.465382	0.121308	11.41825	0.121308	22.74	-0.18101	3.828281	33.3705	0	21.927	0.181013	0.047283	11.40825	0.047283
22.75	-0.468	3.839477	33.4478	0	25.67825	0.468004	0.121893	11.42125	0.121893	22.75	-0.18201	3.831381	33.3713	0	21.9152	0.18201	0.047505	11.42005	0.047505
22.76	-0.46767	3.842023	33.4485	0	25.67125	0.467671	0.121725	11.42825	0.121725	22.76	-0.18216	3.833423	33.3715	0	21.91225	0.182157	0.047518	11.423	0.047518
22.77	-0.4666	3.845057	33.4485	0	25.67125	0.4666	0.121351	11.42825	0.121351	22.77	-0.18227	3.836815	33.3718	0	21.90918	0.182268	0.047505	11.42608	0.047505
22.78	-0.46579	3.846734	33.4493	0	25.65925	0.465788	0.121087	11.44025	0.121087	22.78	-0.18157	3.838237	33.3725	0	21.902	0.181566	0.047305	11.43325	0.047305
22.79	-0.46645	3.847792	33.4495	0	25.65625	0.466453	0.121226	11.44325	0.121226	22.79	-0.18208	3.841592	33.3725	0	21.902	0.182083	0.047398	11.43325	0.047398
22.8	-0.46701	3.84812	33.4495	0	25.65318	0.467007	0.121236	11.44633	0.121236	22.8	-0.18171	3.843233	33.3733	0	21.8988	0.181714	0.047282	11.44545	0.047282
22.81	-0.46741	3.848223	33.4495	0	25.646	0.467413	0.121462	11.4535	0.121462	22.81	-0.18327	3.846042	33.3735	0	21.88675	0.183265	0.04765	11.4485	0.04765
22.82	-0.46723	3.847646	33.4495	0	25.646	0.467228	0.121432	11.4535	0.121432	22.82	-0.18382	3.8475	33.3738	0	21.88375	0.183819	0.047776	11.4515	0.047776
22.83	-0.46741	3.846337	33.4487	0	25.6334	0.467413	0.12152	11.4661	0.12152	22.83	-0.18389	3.8506	33.3745	0	21.87675	0.183893	0.047757	11.4585	0.047757
22.84	-0.46608	3.844036	33.4485	0	25.63025	0.466083	0.121248	11.46925	0.121248	22.84	-0.18245	3.852387	33.3745	0	21.87675	0.182453	0.047361	11.4585	0.047361
22.85	-0.46619	3.842686	33.4482	0	25.62733	0.466194	0.12132	11.47218	0.12132	22.85	-0.18271	3.855706	33.3753	0	21.86475	0.182711	0.047387	11.4705	0.047387
22.86	-0.46557	3.841045	33.4475	0	25.6205	0.465566	0.121208	11.479	0.121208	22.86	-0.18186	3.858076	33.3755	0	21.86175	0.181862	0.047138	11.4735	0.047138
22.87	-0.46704	3.840754	33.4475	0	25.6205	0.467043	0.121602	11.479	0.121602	22.87	-0.1826	3.861322	33.3758	0	21.85875	0.1826	0.04729	11.4765	0.04729
22.88	-0.46738	3.840352	33.4479	0	25.60805	0.467376	0.121701	11.491	0.121701	22.88	-0.18349	3.863328	33.3765	0	21.85175	0.183487	0.047494	11.4835	0.047494
22.89	-0.46715	3.841519	33.448	0	25.6055	0.467154	0.121607	11.494	0.121607	22.89	-0.18519	3.866245	33.3765	0	21.85175	0.185185	0.047898	11.4835	0.047898
22.9	-0.46697	3.843124	33.4482	0	25.60235	0.46697	0.121508	11.49715	0.121508	22.9	-0.18519	3.866902	33.3773	0	21.83955	0.185185	0.04789	11.4957	0.04789
22.91	-0.46734	3.845057	33.4485	0	25.595	0.467339	0.121543	11.5045	0.121543	22.91	-0.18434	3.868579	33.3775	0	21.8365	0.184336	0.04765	11.49875	0.04765
22.92	-0.46804	3.847026	33.4485	0	25.595	0.468004	0.121663	11.5045	0.121663	22.92	-0.18327	3.867777	33.3775	0	21.83358	0.183265	0.047383	11.50168	0.047383
22.93	-0.46767	3.849725	33.4497	0	25.5832	0.467671	0.121482	11.5163	0.121482	22.93	-0.18448	3.86847	33.3775	0	21.82675	0.184484	0.047689	11.5085	0.047689
22.94	-0.46708	3.851548	33.45	0	25.58025	0.46708	0.121271	11.51925	0.121271	22.94	-0.18378	3.867667	33.3775	0	21.82675	0.183782	0.047518	11.5085	0.047518
22.95	-0.46734	3.854065	33.4501	0	25.57718	0.467339	0.121259	11.52233	0.121259	22.95	-0.18415	3.867813	33.3771	0	21.81435	0.184151	0.047611	11.5209	0.047611
22.96	-0.469	3.856034	33.4505	0	25.57	0.469001	0.121628	11.5295	0.121628	22.96	-0.18378	3.86723	33.377	0	21.81125	0.183782	0.047523	11.524	0.047523
22.97	-0.46978	3.858915	33.4505	0	25.57	0.469776	0.121738	11.5295	0.121738	22.97	-0.18411	3.868068	33.3772	0	21.8081	0.184114	0.047599	11.52715	0.047599
22.98	-0.46915	3.861541	33.4513	0	25.558	0.469148	0.121493	11.5415	0.121493	22.98	-0.18349	3.868324	33.3775	0	21.80075	0.183487	0.047433	11.5345	0.047433
22.99	-0.46933	3.864021	33.4515	0	25.555	0.469333	0.121462	11.5445	0.121462	22.99	-0.18471	3.870558	33.3775	0	21.80075	0.184705	0.047719	11.5345	0.047719
23	-0.46959	3.866829	33.4518	0	25.55208	0.469591	0.121441	11.54743	0.121441	23	-0.18467	3.872226	33.3783	0	21.78915	0.184668	0.04769	11.5461	0.04769
23.01	-0.47029	3.870403	33.4525	0	25.54525	0.470293	0.12151	11.55425	0.12151	23.01	-0.18552	3.875362	33.3785	0	21.78625	0.185518	0.047871	11.549	0.047871
23.02	-0.47107	3.872591	33.4525	0	25.54525	0.471068	0.121642	11.55425	0.121642	23.02	-0.18411	3.877441	33.3787	0	21.78318	0.184114	0.047483	11.55208	0.047483
23.03	-0.47207	3.875399	33.4537	0	25.53305	0.472065	0.121811	11.56645	0.121811	23.03	-0.1833	3.880249	33.379	0	21.776	0.183302	0.04724	11.55925	0.04724
23.04	-0.47199	3.877733	33.454	0	25.53	0.471992	0.121718	11.5695	0.121718	23.04	-0.18349	3.883302	33.379	0	21.776	0.183487	0.047254	11.55925	0.047254
23.05	-0.47225	3.880103	33.4542	0	25.52685	0.47225	0.121711	11.57265	0.121711	23.05	-0.18655	3.88623	33.3802	0	21.7636	0.186552	0.048003	11.57165	0.048003
23.06	-0.47266	3.882473	33.4545	0	25.5195	0.472656	0.121741	11.58	0.121741	23.06	-0.18648	3.888673	33.3805	0	21.7605	0.186478	0.047954	11.57475	0.047954
23.07	-0.47247	3.885209	33.4545	0	25.5195	0.472472	0.121608	11.58	0.121608	23.07	-0.18714	3.891591	33.3806	0	21.7575	0.187401	0.048155	11.57775	0.048155
23.08	-0.4734	3.887798	33.4553	0	25.5077	0.473395	0.121764	11.5918	0.121764	23.08	-0.1864	3.894034	33.381	0	21.7505	0.186404	0.047869	11.58475	0.047869
23.09	-0.47484	3.890176	33.4555	0	25.50475	0.474835	0.122043	11.59475	0.122043	23.09	-0.18677	3.896587	33.381	0	21.7505	0.186773	0.047932	11.58475	0.047932
23.1	-0.47373	3.893742	33.4558	0	25.50168	0.473727	0.121664	11.59783	0.121664	23.1	-0.18637	3.89852	33.3822	0	21.7385	0.186367	0.047805	11.59675	0.047805
23.11	-0.47362	3.896405	33.4565	0	25.4945	0.473616	0.121552	11.605	0.121552	23.11	-0.18688	3.901547	33.3825	0	21.7355	0.186884	0.0479	11.59975	0.0479
23.12	-0.47399	3.899176	33.4565	0	25.4945	0.473986	0.12156	11.605	0.12156	23.12	-0.18652	3.903698	33.3827	0	21.73258	0.186515	0.047779	11.60268	0.047779
23.13	-0.47528	3.901802	33.4573	0	25.4821	0.475278	0.12181	11.6174	0.12181	23.13	-0.18718	3.906142	33.383	0	21.72575	0.187179	0.047919	11.6095	0.047919
23.14	-0.47455	3.904282	33.4575	0	25.479	0.474946	0.121647	11.6205	0.121647	23.14	-0.18711	3.906215	33.383	0	21.72575	0.187105	0.047899	11.6095	0.047899
23.15	-0.47594	3.906835	33.4578																

23.72	-0.48942	3.985205	33.469	0	25.19225	0.489421	0.122809	11.90725	0.122809	23.72	-0.19442	4.003877	33.3975	0	21.4295	0.194417	0.048557	11.90575	0.048557
23.73	-0.49038	3.988378	33.4698	0	25.18005	0.490381	0.122952	11.91945	0.122952	23.73	-0.19309	4.003002	33.3975	0	21.4225	0.193087	0.048236	11.91275	0.048236
23.74	-0.49027	3.990238	33.47	0	25.1777	0.49027	0.122867	11.9225	0.122867	23.74	-0.19316	4.003622	33.3975	0	21.4225	0.193161	0.048247	11.91275	0.048247
23.75	-0.49134	3.992178	33.4703	0	25.174	0.491341	0.123059	11.9255	0.123059	23.75	-0.19264	4.002236	33.3971	0	21.4109	0.192644	0.048134	11.92435	0.048134
23.76	-0.49274	3.995161	33.471	0	25.167	0.492744	0.123335	11.9325	0.123335	23.76	-0.19368	4.002419	33.397	0	21.4008	0.193678	0.04839	11.92725	0.04839
23.77	-0.49378	3.998115	33.471	0	25.167	0.493778	0.123503	11.9325	0.123503	23.77	-0.19364	4.000157	33.3969	0	21.40485	0.193641	0.048408	11.9304	0.048408
23.78	-0.49345	4.000668	33.4718	0	25.155	0.493446	0.123341	11.9445	0.123341	23.78	-0.19335	4.000084	33.3965	0	21.3975	0.193346	0.048335	11.93775	0.048335
23.79	-0.49382	4.003804	33.472	0	25.152	0.493815	0.123336	11.9475	0.123336	23.79	-0.19257	3.999465	33.3965	0	21.3975	0.192571	0.048319	11.93775	0.048319
23.8	-0.49466	4.006065	33.4723	0	25.1485	0.494664	0.123479	11.95065	0.123479	23.8	-0.19335	4.00023	33.3965	0	21.3853	0.193346	0.048334	11.94995	0.048334
23.81	-0.49478	4.009092	33.473	0	25.1415	0.497803	0.124169	11.958	0.124169	23.81	-0.1925	4.000813	33.3965	0	21.38225	0.192497	0.048114	11.953	0.048114
23.82	-0.4988	4.011754	33.473	0	25.1415	0.4988	0.124335	11.958	0.124335	23.82	-0.19272	4.003111	33.3968	0	21.37933	0.192718	0.048142	11.95593	0.048142
23.83	-0.49791	4.014453	33.4738	0	25.1297	0.497914	0.12403	11.9698	0.12403	23.83	-0.1929	4.004278	33.3975	0	21.3725	0.192903	0.048174	11.96275	0.048174
23.84	-0.49876	4.016714	33.474	0	25.12675	0.498763	0.124172	11.97275	0.124172	23.84	-0.19405	4.006721	33.3975	0	21.3725	0.194048	0.048431	11.96275	0.048431
23.85	-0.5005	4.019449	33.4742	0	25.12368	0.500499	0.124519	11.97583	0.124519	23.85	-0.19379	4.008618	33.3983	0	21.3603	0.193789	0.048343	11.97495	0.048343
23.86	-0.50113	4.021893	33.4745	0	25.1165	0.501126	0.1246	11.983	0.1246	23.86	-0.19379	4.011682	33.3985	0	21.35725	0.193789	0.048306	11.978	0.048306
23.87	-0.50072	4.024446	33.4745	0	25.1165	0.500772	0.12442	11.983	0.12442	23.87	-0.1936	4.014125	33.3987	0	21.35425	0.193604	0.048231	11.981	0.048231
23.88	-0.50098	4.027217	33.4757	0	25.1041	0.500979	0.124398	11.9954	0.124398	23.88	-0.19408	4.017188	33.399	0	21.34725	0.194084	0.048314	11.988	0.048314
23.89	-0.50205	4.030645	33.476	0	25.101	0.50205	0.124558	11.9985	0.124558	23.89	-0.19342	4.020106	33.399	0	21.34725	0.19342	0.048113	11.988	0.048113
23.9	-0.50275	4.032906	33.4763	0	25.09808	0.502751	0.124662	12.00143	0.124662	23.9	-0.19383	4.023242	33.4002	0	21.33505	0.193826	0.048177	12.0002	0.048177
23.91	-0.50279	4.035714	33.477	0	25.09125	0.502788	0.124585	12.00825	0.124585	23.91	-0.1936	4.025649	33.4005	0	21.332	0.193604	0.048093	12.00325	0.048093
23.92	-0.50408	4.036808	33.477	0	25.09125	0.504081	0.124871	12.00825	0.124871	23.92	-0.19416	4.028285	33.4008	0	21.32893	0.194158	0.048193	12.00633	0.048193
23.93	-0.50419	4.037027	33.477	0	25.07925	0.504191	0.124892	12.02025	0.124892	23.93	-0.19372	4.0309	33.4015	0	21.32175	0.193715	0.048058	12.0135	0.048058
23.94	-0.50415	4.036881	33.477	0	25.07625	0.504154	0.124887	12.02325	0.124887	23.94	-0.19486	4.033782	33.4015	0	21.32175	0.19486	0.048307	12.0135	0.048307
23.95	-0.50404	4.036954	33.4769	0	25.07333	0.504044	0.124857	12.02618	0.124857	23.95	-0.19512	4.036006	33.4023	0	21.30995	0.195118	0.048344	12.0253	0.048344
23.96	-0.50559	4.036444	33.4765	0	25.0665	0.505594	0.125257	12.033	0.125257	23.96	-0.19468	4.039215	33.4025	0	21.307	0.194675	0.048196	12.02825	0.048196
23.97	-0.50689	4.035532	33.4765	0	25.0665	0.506887	0.125606	12.033	0.125606	23.97	-0.19228	4.041695	33.4025	0	21.30385	0.192275	0.047573	12.0314	0.047573
23.98	-0.50785	4.033453	33.4757	0	25.0539	0.507847	0.125909	12.0456	0.125909	23.98	-0.19228	4.044466	33.403	0	21.2965	0.192275	0.04754	12.03875	0.04754
23.99	-0.50689	4.031703	33.4755	0	25.05075	0.506887	0.125725	12.04875	0.125725	23.99	-0.1939	4.047238	33.403	0	21.2965	0.1939	0.047909	12.03875	0.047909
24	-0.50748	4.029186	33.4754	0	25.04768	0.507478	0.12595	12.05183	0.12595	24	-0.19445	4.050776	33.4042	0	21.2849	0.194454	0.048004	12.05035	0.048004
24.01	-0.50637	4.028129	33.475	0	25.0405	0.506373	0.125708	12.059	0.125708	24.01	-0.19375	4.053329	33.4045	0	21.282	0.193752	0.047801	12.05325	0.047801
24.02	-0.50781	4.026962	33.475	0	25.0405	0.50781	0.126103	12.059	0.126103	24.02	-0.19586	4.056289	33.4048	0	21.27885	0.195857	0.048278	12.0564	0.048278
24.03	-0.50822	4.027582	33.475	0	25.0289	0.508216	0.126184	12.0706	0.126184	24.03	-0.19597	4.058033	33.4055	0	21.2715	0.195968	0.048291	12.06375	0.048291
24.04	-0.50851	4.02791	33.475	0	25.026	0.508512	0.126247	12.0735	0.126247	24.04	-0.19567	4.059929	33.4055	0	21.2715	0.195672	0.048196	12.06375	0.048196
24.05	-0.5087	4.029514	33.4752	0	25.02285	0.508696	0.126243	12.07665	0.126243	24.05	-0.19394	4.060148	33.4059	0	21.2593	0.193937	0.047766	12.07595	0.047766
24.06	-0.51036	4.031192	33.4755	0	25.0155	0.510358	0.126602	12.084	0.126602	24.06	-0.19497	4.061023	33.4059	0	21.25625	0.194971	0.04801	12.079	0.04801
24.07	-0.51095	4.033271	33.4755	0	25.0155	0.510949	0.126683	12.084	0.126683	24.07	-0.19349	4.060705	33.4059	0	21.25333	0.193494	0.047658	12.08193	0.047658
24.08	-0.51099	4.035896	33.4767	0	25.0033	0.510986	0.12661	12.0962	0.12661	24.08	-0.19479	4.060585	33.4059	0	21.2465	0.194786	0.04797	12.08875	0.04797
24.09	-0.51113	4.038376	33.477	0	25.00025	0.511133	0.126569	12.09925	0.126569	24.09	-0.1949	4.060112	33.4055	0	21.2465	0.194987	0.048003	12.08875	0.048003
24.1	-0.5125	4.040082	33.4771	0	24.99733	0.5125	0.126831	12.10218	0.126831	24.1	-0.1953	4.060476	33.4053	0	21.2341	0.195303	0.048099	12.10115	0.048099
24.11	-0.51309	4.043519	33.4775	0	24.9905	0.513091	0.126892	12.109	0.126892	24.11	-0.19582	4.059237	33.4055	0	21.231	0.19582	0.048241	12.10425	0.048241
24.12	-0.51394	4.045925	33.4775	0	24.9905	0.51394	0.127027	12.109	0.127027	24.12	-0.19759	4.058762	33.4052	0	21.22808	0.197592	0.048683	12.10718	0.048683
24.13	-0.51461	4.048296	33.4783	0	24.9783	0.514605	0.127116	12.1212	0.127116	24.13	-0.1949	4.056611	33.4045	0	21.22125	0.194987	0.048404	12.114	0.048404
24.14	-0.51509	4.051067	33.4785	0	24.97525	0.515085	0.127148	12.12425	0.127148	24.14	-0.19593	4.057121	33.4045	0	21.22125	0.195931	0.048293	12.114	0.048293
24.15	-0.51453	4.053766	33.4788	0	24.9721	0.514531	0.126927	12.1274	0.126927	24.15	-0.19604	4.056427	33.4045	0	21.20885	0.196042	0.048326	12.1264	0.048326
24.16	-0.51549	4.056684	33.4795	0	24.96475	0.515491	0.127072	12.13475	0.127072	24.16	-0.19645	4.058106	33.4045	0	21.20575	0.196448	0.048409	12.1295	0.048409
24.17	-0.5149	4.0592	33.4795	0	24.96475	0.5149	0.126848	12.13475	0.126848	24.17	-0.1953	4.058836	33.4048	0	21.20275	0.195303	0.048118	12.1325	0.048118
24.18	-0.5156	4.062154	33.4803	0	24.95295	0.515602	0.126928	12.14655	0.126928	24.18	-0.19586	4.061315	33.4055	0	21.19575	0.195857	0.048225	12.1395	0.048225
24.19	-0.51616	4.064962	33.4805	0	24.95	0.516155	0.126977	12.1495	0.126977	24.19	-0.19541	4.062336	33.4055	0	21.19575	0.195414	0.048104	12.1395	0.048104
24.2	-0.51697	4.06777	33.4808	0	24.94685	0.516968	0.127089	12.15265	0.127089	24.2	-0.19689	4.065655	33.4063	0	21.18375	0.196891	0.048428	12.1515	0.048428
24.21	-0.51667	4.069849	33.4815	0	24.9395	0.516672	0.126951	12.16	0.126951	24.21	-0.19601	4.067515	33.4065	0	21.18075	0.196005	0.048188	12.1545	0.048188
24.22	-0.51664	4.072803	33.4815	0	24.9395	0.516635	0.12685	12.16	0.12685	24.22	-0.19778	4.070688	33.4067	0	21.17768	0.197777	0.048586	12.15757	0.048586
24.23	-0.51542	4.075027	33.4823	0	24.9279	0.515417	0.126482	12.1716	0.126482	24.23	-0.19752	4.072766	33.407	0	21.1705	0.197519	0.048497	12.16475	0.048497
24.24	-0.51582	4.077908	33.4825	0	24														

24.81	-0.53613	4.170611	33.496	0	24.637	0.536133	0.12855	12.4625	0.12855	24.81	-0.20908	4.185016	33.423	0	20.87825	0.209077	0.049958	12.457	0.049958
24.82	-0.53717	4.171449	33.496	0	24.637	0.537166	0.128689	12.4625	0.128689	24.82	-0.20819	4.187022	33.423	0	20.87525	0.20819	0.049723	12.46	0.049723
24.83	-0.53835	4.175862	33.4972	0	24.625	0.538348	0.128919	12.4745	0.128919	24.83	-0.20838	4.189247	33.424	0	20.86825	0.208375	0.049474	12.467	0.049474
24.84	-0.53949	4.179437	33.4975	0	24.622	0.539493	0.129083	12.4775	0.129083	24.84	-0.20786	4.18983	33.424	0	20.86625	0.207858	0.04961	12.467	0.04961
24.85	-0.54034	4.181126	33.4977	0	24.619	0.540342	0.12923	12.4805	0.12923	24.85	-0.20819	4.190705	33.424	0	20.85605	0.20819	0.049679	12.4792	0.049679
24.86	-0.54034	4.184141	33.498	0	24.612	0.540342	0.129141	12.4875	0.129141	24.86	-0.20727	4.190195	33.4245	0	20.853	0.207267	0.049465	12.48225	0.049465
24.87	-0.53935	4.186074	33.498	0	24.612	0.539345	0.128843	12.4875	0.128843	24.87	-0.20793	4.190377	33.4244	0	20.85	0.207932	0.049621	12.48525	0.049621
24.88	-0.5399	4.18932	33.4992	0	24.598	0.539899	0.128875	12.4997	0.128875	24.88	-0.20716	4.189466	33.424	0	20.843	0.207156	0.049447	12.49225	0.049447
24.89	-0.54075	4.19169	33.4995	0	24.59675	0.540748	0.129005	12.50275	0.129005	24.89	-0.20778	4.189667	33.424	0	20.843	0.207784	0.049592	12.49225	0.049592
24.9	-0.54182	4.195592	33.4996	0	24.59368	0.541819	0.12914	12.50583	0.12914	24.9	-0.20742	4.189028	33.4236	0	20.831	0.207415	0.049514	12.50425	0.049514
24.91	-0.54252	4.197525	33.5	0	24.5865	0.542521	0.129248	12.513	0.129248	24.91	-0.20749	4.189757	33.4235	0	20.828	0.207489	0.049523	12.50725	0.049523
24.92	-0.544	4.200807	33.5	0	24.5865	0.543998	0.129498	12.513	0.129498	24.92	-0.20701	4.189684	33.4236	0	20.82485	0.207009	0.049409	12.5104	0.049409
24.93	-0.54359	4.202959	33.5008	0	24.5747	0.543592	0.129335	12.5248	0.129335	24.93	-0.20823	4.191654	33.424	0	20.8175	0.208227	0.049677	12.51775	0.049677
24.94	-0.54356	4.204454	33.501	0	24.57175	0.543555	0.129281	12.52775	0.129281	24.94	-0.20849	4.193696	33.424	0	20.8175	0.208486	0.049714	12.51775	0.049714
24.95	-0.54289	4.204125	33.501	0	24.5686	0.54289	0.129133	12.5309	0.129133	24.95	-0.20978	4.196905	33.4252	0	20.8057	0.209778	0.049984	12.52955	0.049984
24.96	-0.54315	4.204308	33.501	0	24.56125	0.543149	0.129189	12.53825	0.129189	24.96	-0.20963	4.19902	33.4255	0	20.80275	0.20963	0.049924	12.5325	0.049924
24.97	-0.54363	4.204089	33.501	0	24.56125	0.543629	0.129309	12.53825	0.129309	24.97	-0.20982	4.201901	33.4257	0	20.7996	0.209815	0.049933	12.53665	0.049933
24.98	-0.544	4.202667	33.5002	0	24.54945	0.543998	0.129441	12.55005	0.129441	24.98	-0.20948	4.203798	33.426	0	20.79225	0.209483	0.049832	12.543	0.049832
24.99	-0.54392	4.20139	33.5	0	24.5465	0.543924	0.129463	12.553	0.129463	24.99	-0.20989	4.206861	33.426	0	20.79225	0.209889	0.049892	12.543	0.049892
25	-0.54352	4.19913	33.4999	0	24.54343	0.543518	0.129436	12.55608	0.129436	25	-0.20996	4.208976	33.4272	0	20.78065	0.209963	0.049885	12.5546	0.049885
25.01	-0.54267	4.19778	33.4995	0	24.53625	0.542668	0.129275	12.56325	0.129275	25.01	-0.21081	4.212696	33.4275	0	20.77775	0.210812	0.050042	12.55775	0.050042
25.02	-0.543	4.197124	33.4995	0	24.53625	0.543001	0.129375	12.56325	0.129375	25.02	-0.21111	4.215103	33.4277	0	20.7746	0.211107	0.050084	12.56065	0.050084
25.03	-0.54348	4.197196	33.4999	0	24.52425	0.543481	0.129487	12.57525	0.129487	25.03	-0.21148	4.218494	33.428	0	20.76725	0.211477	0.050131	12.568	0.050131
25.04	-0.54407	4.198364	33.5	0	24.52125	0.544072	0.129591	12.57825	0.129591	25.04	-0.21133	4.220974	33.428	0	20.76725	0.211329	0.050066	12.568	0.050066
25.05	-0.54452	4.198959	33.5001	0	24.51818	0.544515	0.129651	12.58133	0.129651	25.05	-0.21177	4.223381	33.4288	0	20.75505	0.211772	0.050143	12.5802	0.050143
25.06	-0.54422	4.20212	33.5005	0	24.511	0.544219	0.129511	12.5885	0.129511	25.06	-0.21162	4.223782	33.4291	0	20.752	0.211624	0.050103	12.58325	0.050103
25.07	-0.54466	4.204673	33.5005	0	24.511	0.544662	0.129537	12.5885	0.129537	25.07	-0.21137	4.224111	33.429	0	20.74908	0.211366	0.050038	12.58618	0.050038
25.08	-0.54492	4.20708	33.5013	0	24.499	0.544921	0.129525	12.6005	0.129525	25.08	-0.21114	4.223636	33.429	0	20.74225	0.211144	0.049991	12.593	0.049991
25.09	-0.54452	4.209304	33.5015	0	24.496	0.544515	0.12936	12.6035	0.12936	25.09	-0.21185	4.223301	33.429	0	20.74225	0.211846	0.05016	12.593	0.05016
25.1	-0.54389	4.211821	33.5018	0	24.493	0.543887	0.129133	12.6065	0.129133	25.1	-0.21133	4.222105	33.4282	0	20.72985	0.211329	0.050053	12.6054	0.050053
25.11	-0.54378	4.214483	33.5025	0	24.486	0.543776	0.129026	12.6135	0.129026	25.11	-0.21174	4.21988	33.428	0	20.72675	0.211735	0.050176	12.6085	0.050176
25.12	-0.5447	4.216999	33.5025	0	24.486	0.544699	0.129168	12.6135	0.129168	25.12	-0.21151	4.217911	33.4279	0	20.72383	0.211514	0.050147	12.61143	0.050147
25.13	-0.5454	4.220172	33.5033	0	24.4736	0.545401	0.129237	12.6259	0.129237	25.13	-0.21188	4.2174	33.4275	0	20.717	0.211883	0.05024	12.61825	0.05024
25.14	-0.54496	4.223381	33.5035	0	24.4705	0.544958	0.129304	12.629	0.129304	25.14	-0.21192	4.217145	33.4275	0	20.717	0.21192	0.050252	12.61825	0.050252
25.15	-0.54666	4.225897	33.5038	0	24.46758	0.546657	0.129359	12.6319	0.129359	25.15	-0.21284	4.217364	33.4279	0	20.7044	0.212843	0.050468	12.63085	0.050468
25.16	-0.54725	4.22907	33.5045	0	24.46075	0.547247	0.129401	12.63875	0.129401	25.16	-0.21281	4.217947	33.428	0	20.70125	0.212806	0.050453	12.634	0.050453
25.17	-0.54732	4.232535	33.5045	0	24.46075	0.547321	0.129313	12.63875	0.129313	25.17	-0.2127	4.219771	33.4282	0	20.69825	0.212695	0.050404	12.637	0.050404
25.18	-0.54688	4.235233	33.5053	0	24.44875	0.546878	0.129126	12.65075	0.129126	25.18	-0.21259	4.221611	33.4285	0	20.69125	0.212585	0.050356	12.644	0.050356
25.19	-0.54895	4.237664	33.5055	0	24.44575	0.548946	0.12954	12.65375	0.12954	25.19	-0.21259	4.221331	33.4285	0	20.69125	0.212585	0.050326	12.644	0.050326
25.2	-0.54968	4.24074	33.5058	0	24.44275	0.549684	0.12962	12.65675	0.12962	25.2	-0.2127	4.226226	33.4293	0	20.67925	0.212695	0.050327	12.656	0.050327
25.21	-0.54924	4.242819	33.5065	0	24.43757	0.549241	0.129452	12.66375	0.129452	25.21	-0.21347	4.228778	33.4295	0	20.67625	0.213471	0.05048	12.659	0.05048
25.22	-0.54935	4.246138	33.5065	0	24.43575	0.549352	0.129377	12.66375	0.129377	25.22	-0.2134	4.230857	33.4298	0	20.67333	0.213397	0.050587	12.66193	0.050587
25.23	-0.5519	4.248727	33.5073	0	24.42335	0.5519	0.129898	12.67615	0.129898	25.23	-0.21454	4.23341	33.4305	0	20.6665	0.214542	0.050678	12.66875	0.050678
25.24	-0.55175	4.252264	33.5075	0	24.42025	0.551752	0.129755	12.67925	0.129755	25.24	-0.21487	4.235781	33.4305	0	20.6665	0.214874	0.050728	12.66875	0.050728
25.25	-0.54898	4.25489	33.5078	0	24.41718	0.548983	0.129024	12.68233	0.129024	25.25	-0.21491	4.23888	33.4313	0	20.6539	0.214911	0.0507	12.68135	0.0507
25.26	-0.5478	4.258574	33.5085	0	24.41	0.547801	0.128635	12.6895	0.128635	25.26	-0.21425	4.241542	33.4315	0	20.65075	0.214246	0.050511	12.6845	0.050511
25.27	-0.5512	4.261309	33.5085	0	24.41	0.551198	0.12935	12.6895	0.12935	25.27	-0.21436	4.244661	33.4318	0	20.64783	0.214357	0.050498	12.68743	0.050498
25.28	-0.55386	4.263897	33.5093	0	24.3982	0.553857	0.129895	12.7013	0.129895	25.28	-0.21469	4.247195	33.4325	0	20.641	0.214689	0.050548	12.69425	0.050548
25.29	-0.55312	4.264956	33.5095	0	24.39525	0.553119	0.129689	12.70425	0.129689	25.29	-0.21679	4.250988	33.4325	0	20.641	0.216794	0.050999	12.69425	0.050999
25.3	-0.55175	4.265648	33.5095	0	24.39218	0.551752	0.129348	12.70733	0.129348	25.3	-0.21576	4.253067	33.4333	0	20.629	0.21576	0.050731	12.70625	0.050731
25.31	-0.55209	4.265648	33.5095	0	24.385	0.552085	0.129426	12.7145	0.129426	25.31	-0.21646	4.256276	33.4335	0	20.626	0.216462	0.050857	12.70925	0.050857
25.32	-0.55194	4.265903	33.5095	0	24.385	0.551937	0.129383	12.7145	0.129383	25.32	-0.21595	4.256281	33.4338	0	20.62285	0.215945	0.050712	12.7124	0.050712
25.33	-0.55242	4.265429	33.5091	0	24.3728	0.552421	0.12951</												



25.9	-0.5605	4.357002	33.5218	0	24.08958	0.560504	0.128644	13.00993	0.128644	25.9	-0.22743	4.355944	33.4472	0	20.3261	0.227429	0.052211	13.00915	0.052211
25.91	-0.56098	4.360102	33.5225	0	24.08275	0.560984	0.128663	13.01675	0.128663	25.91	-0.22824	4.359336	33.4475	0	20.323	0.228241	0.052357	13.01225	0.052357
25.92	-0.56146	4.362071	33.5225	0	24.08275	0.561464	0.128715	13.01675	0.128715	25.92	-0.22885	4.362107	33.4477	0	20.32	0.22885	0.052383	13.01525	0.052383
25.93	-0.56257	4.365608	33.5233	0	24.07055	0.562572	0.128864	13.02895	0.128864	25.93	-0.22778	4.365718	33.4448	0	20.313	0.227798	0.052179	13.02225	0.052179
25.94	-0.56335	4.368161	33.5235	0	24.0675	0.563347	0.128967	13.032	0.128967	25.94	-0.22778	4.368416	33.4448	0	20.313	0.227798	0.052147	13.02225	0.052147
25.95	-0.56446	4.372355	33.5238	0	24.06458	0.564455	0.129096	13.03493	0.129096	25.95	-0.22776	4.371844	33.4492	0	20.301	0.227761	0.052097	13.03425	0.052097
25.96	-0.56442	4.374215	33.5245	0	24.05775	0.564418	0.129033	13.04175	0.129033	25.96	-0.22865	4.374251	33.4495	0	20.298	0.228647	0.052271	13.03725	0.052271
25.97	-0.56512	4.376221	33.5245	0	24.05775	0.565112	0.129134	13.04175	0.129134	25.97	-0.22928	4.377278	33.4496	0	20.295	0.229275	0.052378	13.04025	0.052378
25.98	-0.56368	4.376148	33.5245	0	24.04555	0.56368	0.128807	13.05395	0.128807	25.98	-0.22961	4.378263	33.45	0	20.288	0.229608	0.052443	13.04725	0.052443
25.99	-0.56453	4.376841	33.5245	0	24.0425	0.564529	0.128981	13.057	0.128981	25.99	-0.22916	4.379467	33.45	0	20.288	0.229164	0.052327	13.04725	0.052327
26	-0.56512	4.376184	33.5245	0	24.03935	0.565112	0.129135	13.06015	0.129135	26	-0.22876	4.378883	33.4504	0	20.2758	0.228758	0.052241	13.05945	0.052241
26.01	-0.56519	4.376658	33.5245	0	24.032	0.565193	0.129138	13.0675	0.129138	26.01	-0.22916	4.379029	33.4505	0	20.27275	0.229138	0.051911	13.0625	0.051911
26.02	-0.56527	4.375491	33.5245	0	24.032	0.565267	0.129189	13.0675	0.129189	26.02	-0.22647	4.378773	33.4504	0	20.26975	0.226469	0.05172	13.0655	0.05172
26.03	-0.56542	4.376148	33.5241	0	24.0202	0.565415	0.129204	13.0793	0.129204	26.03	-0.22658	4.378591	33.45	0	20.26275	0.22658	0.051747	13.0725	0.051747
26.04	-0.56479	4.37498	33.524	0	24.01725	0.564787	0.129095	13.08225	0.129095	26.04	-0.22765	4.378591	33.45	0	20.26275	0.22765	0.051992	13.0725	0.051992
26.05	-0.5656	4.376403	33.5242	0	24.01418	0.5656	0.129238	13.08533	0.129238	26.05	-0.22728	4.378482	33.4496	0	20.25075	0.227281	0.051909	13.0845	0.051909
26.06	-0.5659	4.377315	33.5245	0	24.007	0.565956	0.129279	13.0925	0.129279	26.06	-0.22828	4.37892	33.4495	0	20.24775	0.228278	0.052131	13.0875	0.052131
26.07	-0.56645	4.380633	33.5245	0	24.007	0.566449	0.129308	13.0925	0.129308	26.07	-0.22824	4.379102	33.4496	0	20.2446	0.228241	0.052121	13.09065	0.052121
26.08	-0.56597	4.382238	33.5253	0	23.9948	0.565969	0.129151	13.1047	0.129151	26.08	-0.2288	4.379941	33.45	0	20.23725	0.228795	0.052237	13.098	0.052237
26.09	-0.56634	4.385994	33.5255	0	23.99175	0.566338	0.129124	13.10775	0.129124	26.09	-0.22868	4.381362	33.45	0	20.23725	0.228684	0.052195	13.098	0.052195
26.1	-0.56697	4.387489	33.5258	0	23.98883	0.566966	0.129223	13.11068	0.129223	26.1	-0.22928	4.383697	33.4508	0	20.22545	0.229275	0.052302	13.1098	0.052302
26.11	-0.56722	4.390917	33.5265	0	23.982	0.567224	0.129181	13.1175	0.129181	26.11	-0.22939	4.386432	33.451	0	20.2225	0.229386	0.052294	13.11275	0.052294
26.12	-0.56656	4.392632	33.5265	0	23.982	0.56656	0.12898	13.1175	0.12898	26.12	-0.22968	4.389787	33.4513	0	20.21943	0.229681	0.052322	13.11582	0.052322
26.13	-0.56678	4.396205	33.5273	0	23.9696	0.566781	0.128925	13.1299	0.128925	26.13	-0.22979	4.392413	33.452	0	20.21225	0.229792	0.052316	13.123	0.052316
26.14	-0.5663	4.398284	33.5275	0	23.9665	0.566301	0.128755	13.133	0.128755	26.14	-0.23138	4.39606	33.452	0	20.21225	0.23138	0.052634	13.123	0.052634
26.15	-0.56652	4.402223	33.5278	0	23.96358	0.566523	0.12869	13.13593	0.12869	26.15	-0.23094	4.398612	33.4528	0	20.20045	0.230937	0.052502	13.1348	0.052502
26.16	-0.56734	4.404593	33.5285	0	23.95675	0.567335	0.128805	13.14275	0.128805	26.16	-0.23013	4.402077	33.453	0	20.1975	0.230125	0.052276	13.13775	0.052276
26.17	-0.56878	4.408349	33.5285	0	23.95675	0.568775	0.129022	13.14275	0.129022	26.17	-0.23157	4.404448	33.4533	0	20.19435	0.231565	0.052575	13.1409	0.052575
26.18	-0.56885	4.410172	33.5293	0	23.94435	0.568849	0.128986	13.15515	0.128986	26.18	-0.23481	4.407474	33.454	0	20.187	0.234814	0.053276	13.14825	0.053276
26.19	-0.56785	4.412106	33.5295	0	23.94125	0.567852	0.128703	13.15825	0.128703	26.19	-0.23485	4.409078	33.454	0	20.187	0.234851	0.053257	13.14825	0.053257
26.2	-0.56756	4.412033	33.5295	0	23.93833	0.567557	0.128638	13.16118	0.128638	26.2	-0.23408	4.411595	33.4544	0	20.1752	0.234076	0.053059	13.16005	0.053059
26.21	-0.56697	4.412689	33.5295	0	23.9315	0.566966	0.128485	13.168	0.128485	26.21	-0.23275	4.41196	33.4545	0	20.17225	0.232746	0.052753	13.163	0.052753
26.22	-0.56674	4.411595	33.5295	0	23.9315	0.566744	0.128467	13.168	0.128467	26.22	-0.23349	4.412653	33.4545	0	20.16918	0.233485	0.052913	13.16608	0.052913
26.23	-0.56649	4.412106	33.5291	0	23.9191	0.566486	0.128394	13.1804	0.128394	26.23	-0.23378	4.411705	33.4545	0	20.162	0.23378	0.052991	13.17325	0.052991
26.24	-0.56726	4.410537	33.5299	0	23.916	0.567261	0.128615	13.1835	0.128615	26.24	-0.23511	4.411267	33.4545	0	20.162	0.23511	0.053298	13.17325	0.053298
26.25	-0.56663	4.409662	33.5289	0	23.91308	0.566631	0.128423	13.18643	0.128423	26.25	-0.23433	4.409698	33.4537	0	20.1498	0.234334	0.053141	13.18545	0.053141
26.26	-0.56678	4.407985	33.5285	0	23.90625	0.566781	0.128581	13.19325	0.128581	26.26	-0.23382	4.408349	33.4535	0	20.14675	0.233817	0.053034	13.1885	0.053034
26.27	-0.5677	4.407347	33.5285	0	23.90625	0.567704	0.128806	13.19325	0.128806	26.27	-0.23474	4.406052	33.4534	0	20.14375	0.23474	0.053277	13.1915	0.053277
26.28	-0.56778	4.407255	33.5285	0	23.89365	0.567778	0.128828	13.20585	0.128828	26.28	-0.23566	4.405432	33.453	0	20.13675	0.235663	0.053494	13.1985	0.053494
26.29	-0.56671	4.408641	33.5285	0	23.8905	0.566707	0.128545	13.209	0.128545	26.29	-0.23445	4.404922	33.453	0	20.13675	0.234445	0.053223	13.1985	0.053223
26.3	-0.56645	4.409735	33.5288	0	23.88758	0.566449	0.128454	13.21193	0.128454	26.3	-0.23496	4.40576	33.4534	0	20.12475	0.234962	0.053331	13.2105	0.053331
26.31	-0.56534	4.412251	33.5295	0	23.88075	0.565341	0.128113	13.21875	0.128113	26.31	-0.2357	4.406198	33.4535	0	20.12175	0.2357	0.053493	13.2135	0.053493
26.32	-0.56708	4.414622	33.5295	0	23.88075	0.567077	0.128454	13.21875	0.128454	26.32	-0.23747	4.407948	33.4537	0	20.11875	0.237473	0.053874	13.2165	0.053874
26.33	-0.56793	4.417102	33.5303	0	23.86875	0.567926	0.128574	13.23075	0.128574	26.33	-0.23758	4.409225	33.454	0	20.11175	0.237584	0.053883	13.2235	0.053883
26.34	-0.56652	4.419472	33.5305	0	23.86575	0.566523	0.128188	13.23375	0.128188	26.34	-0.23744	4.41196	33.454	0	20.11175	0.237466	0.053816	13.2235	0.053816
26.35	-0.56671	4.422025	33.5307	0	23.86275	0.566707	0.128156	13.23675	0.128156	26.35	-0.23736	4.414075	33.4548	0	20.09955	0.237362	0.053774	13.2357	0.053774
26.36	-0.56807	4.42487	33.531	0	23.85575	0.568074	0.128382	13.24375	0.128382	26.36	-0.23873	4.417029	33.455	0	20.0965	0.238728	0.054047	13.23875	0.054047
26.37	-0.56815	4.428042	33.531	0	23.85575	0.568148	0.128307	13.24375	0.128307	26.37	-0.23843	4.419654	33.4553	0	20.09358	0.238433	0.053948	13.24168	0.053948
26.38	-0.56889	4.430887	33.5322	0	23.84355	0.568886	0.128391	13.25595	0.128391	26.38	-0.23877	4.423265	33.456	0	20.08675	0.238765	0.053979	13.2485	0.053979
26.39	-0.5687	4.434607	33.5325	0	23.8405	0.568702	0.128242	13.259	0.128242	26.39	-0.23854	4.426203	33.456	0	20.08675	0.238544	0.053895	13.2485	0.053895
26.4	-0.56915	4.436904	33.5328	0	23.83735	0.569154	0.128358	13.26215	0.128358	26.4	-0.24106	4.429604	33.4568	0	20.07445	0.241055	0.054426	13.2607	0.054426
26.41	-0.56933	4.440442	33.5335	0	23.83	0.569329	0.128215	13.2695	0.128215	26.41	-0.24109	4.431653	33.457	0	20.0715	0.241092	0.054402	13.26375	0.054402
26.42	-0.57077	4.442593	33.5335	0	23.83	0.5707													

26.99	-0.58395	4.530628	33.546	0	23.5375	0.583952	0.12889	13.562	0.12889	26.99	-0.25915	4.524173	33.469	0	19.784	0.259149	0.057281	13.55125	0.057281
27	-0.58513	4.533035	33.562	0	23.5345	0.585134	0.129082	13.565	0.129082	27	-0.25808	4.527273	33.4698	0	19.7716	0.258078	0.057005	13.56365	0.057005
27.01	-0.58598	4.535515	33.565	0	23.5275	0.585983	0.129199	13.572	0.129199	27.01	-0.25804	4.529133	33.47	0	19.7685	0.258041	0.056974	13.56675	0.056974
27.02	-0.58587	4.538287	33.565	0	23.5275	0.585872	0.129095	13.572	0.129095	27.02	-0.25885	4.532379	33.4703	0	19.7655	0.258853	0.057112	13.56975	0.057112
27.03	-0.58609	4.54135	33.573	0	23.5153	0.586094	0.129057	13.584	0.129057	27.03	-0.25944	4.534603	33.471	0	19.7585	0.259444	0.057214	13.57675	0.057214
27.04	-0.58676	4.544194	33.575	0	23.51225	0.586758	0.129123	13.58725	0.129123	27.04	-0.2604	4.538651	33.471	0	19.7585	0.260404	0.057375	13.57675	0.057375
27.05	-0.58717	4.547404	33.578	0	23.50933	0.587165	0.129121	13.59018	0.129121	27.05	-0.26004	4.54073	33.4718	0	19.7465	0.260035	0.057267	13.58875	0.057267
27.06	-0.58787	4.550869	33.585	0	23.5025	0.587866	0.129177	13.597	0.129177	27.06	-0.26007	4.544523	33.472	0	19.7435	0.260072	0.057228	13.59175	0.057228
27.07	-0.58853	4.554041	33.585	0	23.5025	0.588531	0.129233	13.597	0.129233	27.07	-0.26007	4.548657	33.4723	0	19.7405	0.260072	0.057198	13.59475	0.057198
27.08	-0.58879	4.556849	33.597	0	23.4901	0.588789	0.12921	13.6094	0.12921	27.08	-0.2607	4.550322	33.473	0	19.7335	0.260699	0.057293	13.60175	0.057293
27.09	-0.58931	4.559366	33.55	0	23.487	0.589306	0.129252	13.6125	0.129252	27.09	-0.26184	4.552947	33.473	0	19.7335	0.261844	0.057511	13.60175	0.057511
27.1	-0.59012	4.562137	33.5502	0	23.48408	0.590119	0.129351	13.61543	0.129351	27.1	-0.261	4.555755	33.4738	0	19.7213	0.260995	0.057289	13.61395	0.057289
27.11	-0.59078	4.563888	33.5505	0	23.47725	0.590783	0.129447	13.62225	0.129447	27.11	-0.26074	4.55798	33.474	0	19.71825	0.259739	0.056986	13.617	0.056986
27.12	-0.59149	4.565528	33.5505	0	23.47725	0.591485	0.129555	13.62225	0.129555	27.12	-0.25844	4.560788	33.4743	0	19.71533	0.260441	0.057104	13.61993	0.057104
27.13	-0.59149	4.565383	33.5505	0	23.46505	0.591485	0.129559	13.63445	0.129559	27.13	-0.26125	4.563231	33.475	0	19.7085	0.261253	0.057252	13.62675	0.057252
27.14	-0.59134	4.566149	33.5505	0	23.462	0.591337	0.129505	13.6375	0.129505	27.14	-0.26225	4.566732	33.475	0	19.7085	0.26225	0.057426	13.62675	0.057426
27.15	-0.59215	4.565674	33.5505	0	23.45893	0.59215	0.129696	13.64058	0.129696	27.15	-0.26218	4.568409	33.4758	0	19.6961	0.262177	0.057389	13.63915	0.057389
27.16	-0.59197	4.565565	33.5505	0	23.45175	0.591965	0.129659	13.64775	0.129659	27.16	-0.26162	4.569139	33.476	0	19.693	0.261623	0.057259	13.64225	0.057259
27.17	-0.59101	4.564909	33.5505	0	23.45175	0.591005	0.129467	13.64775	0.129467	27.17	-0.2621	4.568665	33.4759	0	19.68993	0.262103	0.05737	13.64533	0.05737
27.18	-0.59185	4.564945	33.5501	0	23.43975	0.591854	0.129652	13.65975	0.129652	27.18	-0.26177	4.568446	33.4755	0	19.68275	0.26177	0.0573	13.6525	0.0573
27.19	-0.59167	4.564362	33.55	0	23.43675	0.591674	0.129628	13.66275	0.129628	27.19	-0.26232	4.567717	33.4755	0	19.68275	0.262324	0.05743	13.6525	0.05743
27.2	-0.59245	4.56531	33.5502	0	23.43368	0.592445	0.129771	13.66583	0.129771	27.2	-0.26232	4.567024	33.4751	0	19.67905	0.262324	0.057439	13.6643	0.057439
27.21	-0.59377	4.5652	33.5505	0	23.4265	0.593774	0.130065	13.673	0.130065	27.21	-0.26199	4.566805	33.475	0	19.6668	0.261992	0.057369	13.66725	0.057369
27.22	-0.59522	4.567826	33.5505	0	23.4265	0.595215	0.130306	13.673	0.130306	27.22	-0.26184	4.567097	33.475	0	19.66493	0.261844	0.057333	13.67032	0.057333
27.23	-0.59525	4.569175	33.5513	0	23.4147	0.595252	0.130275	13.6848	0.130275	27.23	-0.26208	4.567972	33.475	0	19.65775	0.262078	0.057548	13.6775	0.057548
27.24	-0.59488	4.572932	33.5515	0	23.41175	0.594882	0.130088	13.68775	0.130088	27.24	-0.26269	4.569524	33.475	0	19.65775	0.262693	0.057488	13.6775	0.057488
27.25	-0.59363	4.575083	33.5518	0	23.40868	0.593627	0.129752	13.69083	0.129752	27.25	-0.26321	4.572166	33.4762	0	19.64555	0.26321	0.057568	13.6897	0.057568
27.26	-0.59551	4.579059	33.5525	0	23.4015	0.595511	0.130051	13.698	0.130051	27.26	-0.26343	4.57512	33.4765	0	19.6425	0.263432	0.057579	13.69275	0.057579
27.27	-0.59662	4.580809	33.5525	0	23.4015	0.596618	0.130243	13.698	0.130243	27.27	-0.26336	4.574802	33.4767	0	19.6395	0.263358	0.057522	13.69575	0.057522
27.28	-0.59603	4.580539	33.5533	0	23.3897	0.596027	0.129994	13.7098	0.129994	27.28	-0.26251	4.580736	33.477	0	19.6325	0.262509	0.057307	13.70275	0.057307
27.29	-0.59721	4.586989	33.5535	0	23.38675	0.597209	0.130199	13.71275	0.130199	27.29	-0.2641	4.583653	33.477	0	19.6205	0.264097	0.057617	13.70275	0.057617
27.3	-0.59946	4.590072	33.5536	0	23.38368	0.599461	0.130599	13.71583	0.130599	27.3	-0.26506	4.585951	33.4782	0	19.6303	0.265057	0.057798	13.71495	0.057798
27.31	-0.59957	4.591968	33.554	0	23.3765	0.599572	0.13057	13.723	0.13057	27.31	-0.26461	4.588321	33.4785	0	19.61725	0.264614	0.057671	13.718	0.057671
27.32	-0.59946	4.595105	33.554	0	23.3765	0.599461	0.130456	13.723	0.130456	27.32	-0.26399	4.591129	33.4786	0	19.61433	0.263996	0.057499	13.72093	0.057499
27.33	-0.59939	4.597475	33.5552	0	23.3641	0.599387	0.130373	13.7354	0.130373	27.33	-0.26417	4.594558	33.479	0	19.6075	0.264171	0.057496	13.72775	0.057496
27.34	-0.59972	4.601231	33.5555	0	23.361	0.59972	0.130339	13.7385	0.130339	27.34	-0.26465	4.597074	33.479	0	19.6075	0.264651	0.057569	13.72775	0.057569
27.35	-0.60061	4.603492	33.5558	0	23.35808	0.600606	0.130467	13.74143	0.130467	27.35	-0.26546	4.600466	33.4802	0	19.5953	0.265463	0.057703	13.73995	0.057703
27.36	-0.60182	4.606701	33.5565	0	23.35125	0.601824	0.130641	13.74825	0.130641	27.36	-0.26509	4.603383	33.4805	0	19.59225	0.265094	0.057587	13.743	0.057587
27.37	-0.60186	4.607285	33.5565	0	23.35125	0.601861	0.130633	13.74825	0.130633	27.37	-0.26421	4.606884	33.4807	0	19.58925	0.264207	0.057351	13.746	0.057351
27.38	-0.60105	4.60816	33.5565	0	23.33905	0.601049	0.130431	13.76045	0.130431	27.38	-0.26461	4.6094	33.481	0	19.58225	0.264614	0.057407	13.753	0.057407
27.39	-0.60293	4.607577	33.5565	0	23.336	0.602932	0.130857	13.7635	0.130857	27.39	-0.26565	4.612536	33.481	0	19.6203	0.265648	0.057593	13.753	0.057593
27.4	-0.60363	4.607687	33.5564	0	23.3308	0.603634	0.131006	13.76435	0.131006	27.4	-0.2662	4.613886	33.4818	0	19.56985	0.266201	0.057696	13.7656	0.057696
27.41	-0.60323	4.606519	33.556	0	23.32625	0.603228	0.130951	13.77325	0.130951	27.41	-0.26642	4.615089	33.482	0	19.5665	0.266423	0.057729	13.76875	0.057729
27.42	-0.60301	4.606483	33.556	0	23.32625	0.603006	0.130904	13.77325	0.130904	27.42	-0.26657	4.615527	33.4822	0	19.56358	0.266571	0.057755	13.77168	0.057755
27.43	-0.60326	4.60466	33.5556	0	23.31385	0.603264	0.131012	13.78565	0.131012	27.43	-0.26812	4.619595	33.4825	0	19.55675	0.268122	0.058086	13.7785	0.058086
27.44	-0.60267	4.60331	33.5555	0	23.31075	0.602674	0.130922	13.78875	0.130922	27.44	-0.26868	4.6156	33.4825	0	19.55675	0.268676	0.05821	13.7785	0.05821
27.45	-0.60423	4.60072	33.5552	0	23.30783	0.604225	0.131333	13.79168	0.131333	27.45	-0.26868	4.615819	33.4821	0	19.54435	0.268676	0.058208	13.7909	0.058208
27.46	-0.60537	4.599845	33.5545	0	23.30301	0.605369	0.131606	13.7985	0.131606	27.46	-0.2682	4.61498	33.4822	0	19.54125	0.268196	0.058114	13.794	0.058114
27.47	-0.60596	4.599116	33.5545	0	23.301	0.60596	0.131756	13.7985	0.131756	27.47	-0.26967	4.614798	33.4819	0	19.53833	0.269673	0.058436	13.79693	0.058436
27.48	-0.60471	4.599627	33.5549	0	23.289	0.604705	0.131468	13.8105	0.131468	27.48	-0.26967	4.61374	33.4815	0	19.5315	0.269673	0.05845	13.80375	0.05845
27.49	-0.60511	4.599408	33.555	0	23.286	0.605111	0.131563	13.8135	0.131563	27.49	-0.26938	4.612391	33.4815	0	19.5315	0.269377	0.058403	13.80375	0.058403
27.5	-0.60511	4.601158	33.5551	0	23.28285	0.605111	0.131513	13.81665	0.131513	27.5	-0.26864	4.610896	33.4811	0	19.5193	0.268639	0.058262	13.81595	0.058262
27.51	-0.6064	4.602945	33.5555																

28.08	-0.65806	4.719572	33.5722	0	22.98605	0.658063	0.139433	14.11345	0.139433	28.08	-0.28588	4.721286	33.4965	0	19.229	0.285883	0.060552	14.10625	0.060552
28.09	-0.65913	4.722635	33.5725	0	22.983	0.659134	0.139569	14.11165	0.139569	28.09	-0.284	4.722015	33.4965	0	19.229	0.284	0.060144	14.10625	0.060144
28.1	-0.65936	4.725917	33.5728	0	22.98008	0.659355	0.139519	14.11943	0.139519	28.1	-0.28286	4.721176	33.4957	0	19.217	0.282855	0.059912	14.11825	0.059912
28.11	-0.66006	4.727293	33.5735	0	22.97325	0.660057	0.139608	14.12625	0.139608	28.11	-0.28393	4.720812	33.4955	0	19.214	0.283926	0.060143	14.12125	0.060143
28.12	-0.6612	4.729491	33.5735	0	22.97325	0.661202	0.139804	14.12625	0.139804	28.12	-0.28522	4.719462	33.4955	0	19.21093	0.285219	0.060435	14.12433	0.060435
28.13	-0.66187	4.729163	33.5735	0	22.96105	0.661866	0.139954	14.13845	0.139954	28.13	-0.28577	4.719134	33.4955	0	19.20375	0.285772	0.060556	14.1315	0.060556
28.14	-0.66061	4.729418	33.5735	0	22.958	0.660611	0.139681	14.14115	0.139681	28.14	-0.28603	4.718696	33.4955	0	19.20375	0.286031	0.060617	14.1315	0.060617
28.15	-0.66043	4.728798	33.5734	0	22.95508	0.660426	0.139661	14.14443	0.139661	28.15	-0.28603	4.719535	33.4955	0	19.21305	0.286031	0.060606	14.1439	0.060606
28.16	-0.66209	4.728908	33.5733	0	22.94825	0.662088	0.140009	14.15125	0.140009	28.16	-0.28592	4.719973	33.4955	0	19.18825	0.28592	0.060577	14.147	0.060577
28.17	-0.66227	4.727959	33.5733	0	22.94825	0.662273	0.140076	14.15125	0.140076	28.17	-0.28644	4.722198	33.4958	0	19.18533	0.286437	0.060658	14.1493	0.060658
28.18	-0.66327	4.727011	33.5726	0	22.93585	0.66327	0.140315	14.16365	0.140315	28.18	-0.28607	4.724459	33.4965	0	19.1785	0.286068	0.06055	14.15675	0.06055
28.19	-0.66375	4.726428	33.5725	0	22.93275	0.66375	0.140434	14.16675	0.140434	28.19	-0.28673	4.727668	33.4965	0	19.1785	0.286732	0.06065	14.15675	0.06065
28.2	-0.66397	4.726289	33.5727	0	22.92968	0.663971	0.140469	14.16983	0.140469	28.2	-0.28766	4.73033	33.4973	0	19.16625	0.287656	0.060811	14.16895	0.060811
28.21	-0.6639	4.727339	33.5733	0	22.92225	0.663897	0.140438	14.177	0.140438	28.21	-0.28832	4.733211	33.4975	0	19.1635	0.28832	0.060914	14.172	0.060914
28.22	-0.66364	4.729163	33.5733	0	22.9225	0.663639	0.140329	14.177	0.140329	28.22	-0.28865	4.73529	33.4978	0	19.16033	0.288653	0.060958	14.17493	0.060958
28.23	-0.66246	4.731132	33.5738	0	22.9103	0.662457	0.140021	14.1892	0.140021	28.23	-0.28876	4.738207	33.4985	0	19.1535	0.288763	0.060944	14.18175	0.060944
28.24	-0.66327	4.733758	33.574	0	22.90725	0.663257	0.140115	14.19225	0.140115	28.24	-0.28972	4.740395	33.4985	0	19.1535	0.289724	0.061118	14.18175	0.061118
28.25	-0.66416	4.735873	33.5743	0	22.90425	0.664156	0.140239	14.19525	0.140239	28.25	-0.28972	4.74437	33.4993	0	19.1413	0.289724	0.061067	14.19395	0.061067
28.26	-0.66537	4.738827	33.575	0	22.89725	0.665374	0.140409	14.20225	0.140409	28.26	-0.28854	4.746777	33.4993	0	19.13825	0.288542	0.060787	14.197	0.060787
28.27	-0.66608	4.741453	33.575	0	22.89725	0.666076	0.140479	14.20225	0.140479	28.27	-0.28799	4.750424	33.4998	0	19.13525	0.287998	0.060624	14.2	0.060624
28.28	-0.66611	4.744662	33.5758	0	22.88545	0.666113	0.140392	14.21405	0.140392	28.28	-0.28932	4.753487	33.5009	0	19.12825	0.289317	0.060864	14.207	0.060864
28.29	-0.66682	4.747689	33.576	0	22.8825	0.666815	0.14045	14.217	0.14045	28.29	-0.2898	4.756149	33.5005	0	19.12825	0.289797	0.060931	14.207	0.060931
28.3	-0.66862	4.750898	33.5763	0	22.87943	0.668624	0.140736	14.22008	0.140736	28.3	-0.28995	4.757936	33.5013	0	19.11605	0.289945	0.060939	14.2192	0.060939
28.31	-0.67021	4.753743	33.577	0	22.87225	0.670212	0.140986	14.22725	0.140986	28.31	-0.29094	4.758921	33.5015	0	19.113	0.290942	0.061136	14.22225	0.061136
28.32	-0.66995	4.756186	33.577	0	22.87225	0.669953	0.140859	14.22725	0.140859	28.32	-0.2915	4.758192	33.5014	0	19.10993	0.291496	0.061262	14.22533	0.061262
28.33	-0.67054	4.758775	33.5778	0	22.86005	0.670544	0.140907	14.23945	0.140907	28.33	-0.2905	4.758337	33.5011	0	19.10275	0.290499	0.061051	14.2325	0.061051
28.34	-0.67165	4.761437	33.578	0	22.857	0.671652	0.141061	14.2425	0.141061	28.34	-0.28954	4.757572	33.5011	0	19.10275	0.289539	0.060859	14.2325	0.060859
28.35	-0.67117	4.763589	33.5783	0	22.854	0.671172	0.140896	14.2455	0.140896	28.35	-0.29046	4.757791	33.5006	0	19.09095	0.290462	0.06105	14.2423	0.06105
28.36	-0.6708	4.765293	33.579	0	22.847	0.670803	0.14075	14.2525	0.14075	28.36	-0.29131	4.757339	33.5005	0	19.088	0.291311	0.061233	14.24725	0.061233
28.37	-0.67258	4.769351	33.579	0	22.84	0.672575	0.14102	14.2525	0.14102	28.37	-0.29227	4.758374	33.5007	0	19.08493	0.292271	0.061423	14.25032	0.061423
28.38	-0.67313	4.771247	33.5798	0	22.8348	0.673129	0.14108	14.2647	0.14108	28.38	-0.29323	4.759702	33.5011	0	19.07775	0.293232	0.06162	14.2575	0.06162
28.39	-0.67365	4.77267	33.58	0	22.83175	0.673646	0.141147	14.26775	0.141147	28.39	-0.29253	4.760927	33.5011	0	19.07775	0.29253	0.061444	14.2575	0.061444
28.4	-0.67438	4.775297	33.5799	0	22.82868	0.674384	0.141303	14.27083	0.141303	28.4	-0.29301	4.76373	33.5018	0	19.06575	0.29301	0.061513	14.2695	0.061513
28.41	-0.67586	4.772415	33.5795	0	22.8215	0.675862	0.141618	14.278	0.141618	28.41	-0.29308	4.765558	33.502	0	19.06275	0.293084	0.0615	14.2725	0.0615
28.42	-0.67601	4.771357	33.5795	0	22.8215	0.676009	0.141681	14.278	0.141681	28.42	-0.29338	4.768476	33.5023	0	19.05968	0.293379	0.061525	14.27557	0.061525
28.43	-0.67608	4.770591	33.5791	0	22.8097	0.676083	0.141719	14.2898	0.141719	28.43	-0.29168	4.771357	33.503	0	19.0525	0.291681	0.06132	14.28275	0.06132
28.44	-0.67697	4.768257	33.579	0	22.80675	0.676963	0.141974	14.29275	0.141974	28.44	-0.29272	4.774201	33.503	0	19.0525	0.292715	0.061312	14.28275	0.061312
28.45	-0.67778	4.767309	33.5789	0	22.80368	0.677782	0.142173	14.29583	0.142173	28.45	-0.29379	4.777522	33.5038	0	19.0407	0.293785	0.061493	14.29455	0.061493
28.46	-0.67786	4.766033	33.5785	0	22.7965	0.677856	0.142226	14.303	0.142226	28.46	-0.29338	4.780729	33.5034	0	19.03775	0.293379	0.061367	14.2975	0.061367
28.47	-0.67771	4.766798	33.5785	0	22.7965	0.677708	0.142173	14.303	0.142173	28.47	-0.29294	4.784303	33.5043	0	19.03468	0.292936	0.061229	14.30058	0.061229
28.48	-0.67708	4.766325	33.5789	0	22.7845	0.67708	0.142055	14.315	0.142055	28.48	-0.29504	4.787111	33.505	0	19.0275	0.295041	0.061632	14.30775	0.061632
28.49	-0.67767	4.767965	33.579	0	22.7815	0.677671	0.14213	14.318	0.14213	28.49	-0.2946	4.789919	33.505	0	19.0275	0.294598	0.061504	14.30775	0.061504
28.5	-0.67804	4.769205	33.5792	0	22.77835	0.67804	0.14217	14.32115	0.14217	28.5	-0.29541	4.791597	33.5058	0	19.0153	0.29541	0.061652	14.31995	0.061652
28.51	-0.67841	4.772889	33.5795	0	22.771	0.678409	0.142138	14.3285	0.142138	28.51	-0.29434	4.791962	33.506	0	19.01225	0.294339	0.061424	14.323	0.061424
28.52	-0.67915	4.774566	33.5795	0	22.771	0.679148	0.142243	14.3285	0.142243	28.52	-0.29523	4.792118	33.5059	0	19.00925	0.295226	0.061606	14.326	0.061606
28.53	-0.68011	4.778432	33.5807	0	22.7594	0.680108	0.142329	14.3401	0.142329	28.53	-0.29441	4.791524	33.5055	0	19.00225	0.294413	0.061445	14.333	0.061445
28.54	-0.68133	4.780583	33.581	0	22.7565	0.681327	0.14252	14.343	0.14252	28.54	-0.29449	4.791196	33.5055	0	19.00225	0.294487	0.061464	14.333	0.061464
28.55	-0.68063	4.784011	33.5813	0	22.75343	0.680625	0.142271	14.34608	0.142271	28.55	-0.29427	4.790649	33.5051	0	18.99005	0.294265	0.061425	14.3452	0.061425
28.56	-0.68055	4.786054	33.582	0	22.74625	0.680551	0.142195	14.35325	0.142195	28.56	-0.29508	4.790576	33.505	0	18.987	0.295078	0.061595	14.34825	0.061595
28.57	-0.68199	4.789299	33.582	0	22.74625	0.681991	0.142399	14.35325	0.142399	28.57	-0.29493	4.790685	33.5051	0	18.98408	0.29493	0.061563	14.35118	0.061563
28.58	-0.68269	4.791268	33.5828	0	22.73385	0.682693	0.142487	14.36565	0.142487	28.58	-0.29582	4.791852	33.5051	0	18.97725	0.295816	0.061733	14.358	0.061733
28.59	-0.6821	4.794441	33.583	0	22.73075	0.682102	0.142269	14.36875	0.142269	28.59	-0.29493	4.793165	33.5055	0	18.97725	0.29493	0.061531	14.358	0.061531
28.6	-0.68273	4.7963																	

29.17	-0.72076	4.900091	33.598	0	22.44375	0.720764	0.147092	14.65575	0.147092	29.17	-0.3025	4.895386	33.5201	0	18.68143	0.3025	0.061793	14.65382	0.061793
29.18	-0.72143	4.901513	33.5988	0	22.43135	0.721429	0.147185	14.66811	0.147185	29.18	-0.30305	4.898814	33.5205	0	18.67425	0.303054	0.061863	14.661	0.061863
29.19	-0.72206	4.902972	33.599	0	22.42825	0.722056	0.147269	14.67125	0.147269	29.19	-0.30361	4.901112	33.5205	0	18.67425	0.303608	0.061947	14.661	0.061947
29.2	-0.72364	4.902203	33.5989	0	22.42518	0.723644	0.147622	14.67433	0.147622	29.2	-0.3042	4.904831	33.5217	0	18.66185	0.304199	0.06202	14.6734	0.06202
29.21	-0.72405	4.90206	33.5985	0	22.418	0.724045	0.147703	14.6815	0.147703	29.21	-0.30342	4.906254	33.5222	0	18.65875	0.303423	0.061844	14.6765	0.061844
29.22	-0.72431	4.901476	33.5985	0	22.418	0.724309	0.147774	14.6815	0.147774	29.22	-0.30283	4.909208	33.5222	0	18.65583	0.302832	0.061687	14.67943	0.061687
29.23	-0.72376	4.901294	33.5981	0	22.4062	0.723755	0.147666	14.6933	0.147666	29.23	-0.30302	4.910411	33.5225	0	18.649	0.303017	0.061709	14.68625	0.061709
29.24	-0.72468	4.900601	33.598	0	22.40325	0.724678	0.147875	14.69625	0.147875	29.24	-0.30309	4.911177	33.5225	0	18.649	0.303903	0.06188	14.68625	0.06188
29.25	-0.72601	4.901367	33.5982	0	22.4001	0.726007	0.148123	14.6994	0.148123	29.25	-0.30401	4.910192	33.5225	0	18.637	0.304014	0.061915	14.69825	0.061915
29.26	-0.72763	4.901075	33.5985	0	22.39275	0.727632	0.148464	14.70675	0.148464	29.26	-0.30479	4.910776	33.5225	0	18.634	0.304789	0.062065	14.70125	0.062065
29.27	-0.72748	4.902571	33.5985	0	22.39275	0.727484	0.148388	14.70675	0.148388	29.27	-0.30461	4.909719	33.5224	0	18.631	0.304605	0.062041	14.70425	0.062041
29.28	-0.72797	4.904066	33.5993	0	22.38075	0.727965	0.148441	14.71875	0.148441	29.28	-0.30461	4.909536	33.5224	0	18.624	0.304605	0.062044	14.71125	0.062044
29.29	-0.7273	4.907238	33.5995	0	22.37775	0.7273	0.14821	14.72175	0.14821	29.29	-0.30365	4.908262	33.5222	0	18.624	0.303645	0.061864	14.7125	0.061864
29.3	-0.72745	4.910083	33.5997	0	22.37475	0.727448	0.148154	14.72475	0.148154	29.3	-0.30376	4.909354	33.5222	0	18.6116	0.303755	0.061873	14.72365	0.061873
29.31	-0.72915	4.913475	33.6	0	22.36775	0.729146	0.148397	14.73175	0.148397	29.31	-0.30409	4.908552	33.5222	0	18.6085	0.304088	0.061951	14.72675	0.061951
29.32	-0.73121	4.915736	33.6012	0	22.36775	0.731214	0.14875	14.73175	0.14875	29.32	-0.30364	4.910229	33.5222	0	18.60558	0.303663	0.062448	14.72968	0.062448
29.33	-0.73031	4.919346	33.6012	0	22.35555	0.730106	0.148415	14.74395	0.148415	29.33	-0.3063	4.911724	33.5225	0	18.59875	0.306303	0.062382	14.7365	0.062382
29.34	-0.72959	4.921753	33.6015	0	22.3525	0.729589	0.148238	14.747	0.148238	29.34	-0.30575	4.915298	33.5225	0	18.59875	0.30575	0.062204	14.7365	0.062204
29.35	-0.73025	4.92478	33.6017	0	22.3495	0.730254	0.148282	14.75	0.148282	29.35	-0.30571	4.917887	33.5237	0	18.58665	0.305713	0.062163	14.7487	0.062163
29.36	-0.73125	4.92653	33.602	0	22.3425	0.731251	0.148431	14.757	0.148431	29.36	-0.30623	4.921753	33.524	0	18.5835	0.30623	0.062222	14.75175	0.062222
29.37	-0.73114	4.929739	33.602	0	22.3425	0.73114	0.148312	14.757	0.148312	29.37	-0.30586	4.92416	33.5243	0	18.58043	0.30586	0.062114	14.75482	0.062114
29.38	-0.73099	4.93222	33.6032	0	22.3305	0.730992	0.148208	14.769	0.148208	29.38	-0.30664	4.928062	33.525	0	18.57325	0.306636	0.062222	14.762	0.062222
29.39	-0.73092	4.935465	33.6035	0	22.3275	0.730919	0.148095	14.772	0.148095	29.39	-0.30708	4.930141	33.525	0	18.57325	0.307079	0.062286	14.762	0.062286
29.4	-0.73151	4.938273	33.6036	0	22.3245	0.731509	0.148131	14.775	0.148131	29.4	-0.30808	4.933496	33.5258	0	18.56105	0.308076	0.062446	14.7742	0.062446
29.41	-0.73229	4.94192	33.604	0	22.3175	0.732285	0.148178	14.782	0.148178	29.41	-0.30785	4.935283	33.526	0	18.558	0.307854	0.062378	14.77725	0.062378
29.42	-0.7328	4.944546	33.604	0	22.3175	0.732802	0.148204	14.782	0.148204	29.42	-0.30741	4.935565	33.5261	0	18.555	0.307411	0.062247	14.78025	0.062247
29.43	-0.73332	4.947464	33.6052	0	22.3053	0.733319	0.148221	14.7942	0.148221	29.43	-0.30797	4.940899	33.5265	0	18.548	0.307965	0.06233	14.78725	0.06233
29.44	-0.73476	4.948484	33.6055	0	22.30225	0.734759	0.148482	14.79725	0.148482	29.44	-0.30915	4.943634	33.5265	0	18.548	0.309147	0.062534	14.78725	0.062534
29.45	-0.73609	4.948885	33.6055	0	22.29918	0.736088	0.148738	14.80033	0.148738	29.45	-0.30974	4.946661	33.5277	0	18.5358	0.309738	0.062615	14.79945	0.062615
29.46	-0.73613	4.948448	33.6055	0	22.292	0.736125	0.148759	14.8075	0.148759	29.46	-0.30996	4.9450126	33.528	0	18.53275	0.309959	0.062616	14.8025	0.062616
29.47	-0.73613	4.948849	33.6055	0	22.292	0.736125	0.148747	14.8075	0.148747	29.47	-0.31018	4.952878	33.5283	0	18.52975	0.310181	0.062629	14.8055	0.062629
29.48	-0.73649	4.947792	33.6051	0	22.2796	0.736494	0.148853	14.8199	0.148853	29.48	-0.30941	4.954903	33.529	0	18.52275	0.309405	0.062444	14.8125	0.062444
29.49	-0.73539	4.948083	33.605	0	22.2765	0.735387	0.148621	14.823	0.148621	29.49	-0.30918	4.955158	33.529	0	18.52275	0.309184	0.062396	14.8125	0.062396
29.5	-0.73524	4.947464	33.6049	0	22.27358	0.735231	0.148609	14.82593	0.148609	29.5	-0.30963	4.955267	33.529	0	18.51075	0.309627	0.062484	14.8245	0.062484
29.51	-0.73605	4.947099	33.6045	0	22.26675	0.736059	0.148784	14.83275	0.148784	29.51	-0.31062	4.954174	33.529	0	18.5075	0.310624	0.062699	14.8275	0.062699
29.52	-0.73653	4.947318	33.6045	0	22.26675	0.736531	0.148875	14.83275	0.148875	29.52	-0.31051	4.953846	33.5289	0	18.50483	0.310513	0.062681	14.83043	0.062681
29.53	-0.73509	4.948375	33.6053	0	22.25455	0.735091	0.148552	14.84495	0.148552	29.53	-0.31081	4.952168	33.5289	0	18.498	0.310808	0.062762	14.83725	0.062762
29.54	-0.73432	4.950016	33.6055	0	22.2515	0.734316	0.148346	14.8448	0.148346	29.54	-0.31051	4.950344	33.5285	0	18.498	0.310513	0.062726	14.83725	0.062726
29.55	-0.73631	4.952715	33.6057	0	22.24858	0.736311	0.148668	14.85093	0.148668	29.55	-0.31059	4.94874	33.5277	0	18.4856	0.310587	0.062761	14.84965	0.062761
29.56	-0.73746	4.955085	33.606	0	22.24175	0.737455	0.148828	14.85775	0.148828	29.56	-0.3107	4.948521	33.5275	0	18.4825	0.310698	0.062786	14.85275	0.062786
29.57	-0.73753	4.957893	33.606	0	22.24175	0.737528	0.148758	14.85775	0.148758	29.57	-0.31125	4.948521	33.5276	0	18.47943	0.311252	0.062898	14.85583	0.062898
29.58	-0.73749	4.960774	33.6072	0	22.22955	0.737491	0.148665	14.86695	0.148665	29.58	-0.31129	4.948995	33.528	0	18.47225	0.311288	0.062899	14.863	0.062899
29.59	-0.73827	4.963327	33.6075	0	22.2265	0.738267	0.148744	14.873	0.148744	29.59	-0.30996	4.950503	33.528	0	18.47225	0.309959	0.062617	14.863	0.062617
29.6	-0.73952	4.966281	33.6077	0	22.2235	0.739522	0.148909	14.876	0.148909	29.6	-0.30974	4.953335	33.5288	0	18.46045	0.309738	0.062531	14.8748	0.062531
29.61	-0.73915	4.969417	33.608	0	22.2165	0.739153	0.14874	14.883	0.14874	29.61	-0.31155	4.955267	33.529	0	18.4575	0.311547	0.062872	14.87775	0.062872
29.62	-0.73897	4.972481	33.608	0	22.2165	0.738968	0.148612	14.883	0.148612	29.62	-0.31173	4.955856	33.5292	0	18.45435	0.311732	0.062872	14.8809	0.062872
29.63	-0.73986	4.975289	33.6092	0	22.2043	0.739855	0.148706	14.8952	0.148706	29.63	-0.31251	4.960519	33.5295	0	18.447	0.312507	0.062999	14.88825	0.062999
29.64	-0.74237	4.97868	33.6095	0	22.20125	0.742366	0.149109	14.89825	0.149109	29.64	-0.31214	4.963291	33.5295	0	18.447	0.312138	0.062889	14.88825	0.062889
29.65	-0.7437	4.980175	33.6096	0	22.19818	0.743695	0.149331	14.90133	0.149331	29.65	-0.31266	4.965442	33.5307	0	18.4352	0.312655	0.062966	14.90005	0.062966
29.66	-0.74399	4.981379	33.61	0	22.191	0.743991	0.149354	14.9085	0.149354	29.66	-0.31269	4.96825	33.531	0	18.43225	0.312692	0.062938	14.903	0.062938
29.67	-0.74414	4.981124	33.61	0	22.191	0.744138	0.149392	14.9085	0.149392	29.67	-0.3124	4.970803	33.5312	0	18.42918	0.312396	0.062846	14.90608	0.062846
29.68	-0.74584	4.980832	33.6096	0	22.1792	0.745837	0.149741	14.9203	0.149741	29.68	-0.31206	4.974596	33.5315	0	18.422	0.312064	0.062732	14.91325	0.062732
29.69	-0.74639	4.979774	33.6095	0	22.17625	0.746391	0.149884												

30.26	-0.77933	5.080428	33.6245	0	21.88875	0.779329	0.153398	15.21075	0.153398	30.26	-0.32499	5.06719	33.5455	0	18.1295	0.324988	0.064136	15.20575	0.064136
30.27	-0.77988	5.07937	33.6245	0	21.88875	0.779883	0.153399	15.21075	0.153399	30.27	-0.32447	5.067372	33.5457	0	18.12635	0.324471	0.064031	15.20875	0.064031
30.28	-0.78047	5.079151	33.6241	0	21.87655	0.780474	0.153662	15.22295	0.153662	30.28	-0.32447	5.066861	33.5466	0	18.1119	0.324471	0.064038	15.21625	0.064038
30.29	-0.78225	5.077729	33.624	0	21.8735	0.782246	0.154054	15.226	0.154054	30.29	-0.32525	5.067882	33.5466	0	18.1119	0.325247	0.064178	15.21625	0.064178
30.30	-0.78191	5.076817	33.6239	0	21.87035	0.781914	0.154017	15.22915	0.154017	30.30	-0.32532	5.069159	33.5468	0	18.1074	0.32532	0.064176	15.22785	0.064176
30.31	-0.78221	5.075395	33.6235	0	21.863	0.782209	0.154118	15.2365	0.154118	30.31	-0.32562	5.072076	33.547	0	18.1045	0.325616	0.064198	15.23075	0.064198
30.32	-0.78177	5.075613	33.6235	0	21.863	0.781766	0.154024	15.2365	0.154024	30.32	-0.32569	5.074447	33.5471	0	18.10143	0.32569	0.064182	15.23382	0.064182
30.33	-0.78195	5.075504	33.6243	0	21.8514	0.781951	0.154064	15.2481	0.154064	30.33	-0.32665	5.078021	33.5475	0	18.09425	0.32665	0.064326	15.241	0.064326
30.34	-0.78121	5.077036	33.6245	0	21.8485	0.781212	0.153872	15.251	0.153872	30.34	-0.32687	5.080391	33.5475	0	18.09425	0.326871	0.06434	15.241	0.06434
30.35	-0.7818	5.078385	33.6246	0	21.84535	0.781803	0.153947	15.25415	0.153947	30.35	-0.32757	5.08343	33.5487	0	18.08225	0.327573	0.064428	15.253	0.064428
30.36	-0.78269	5.08185	33.6225	0	21.838	0.782689	0.154017	15.2615	0.154017	30.36	-0.32698	5.08667	33.549	0	18.07925	0.326982	0.064282	15.256	0.064282
30.37	-0.78243	5.084074	33.625	0	21.838	0.782431	0.153898	15.2615	0.153898	30.37	-0.32794	5.089946	33.5493	0	18.07618	0.327942	0.064429	15.25908	0.064429
30.38	-0.78155	5.087138	33.6262	0	21.8262	0.781545	0.153631	15.2733	0.153631	30.38	-0.32842	5.091587	33.55	0	18.069	0.328422	0.064503	15.26625	0.064503
30.39	-0.78188	5.088961	33.6265	0	21.82325	0.781877	0.153642	15.27625	0.153642	30.39	-0.3296	5.094759	33.55	0	18.069	0.329604	0.064695	15.26625	0.064695
30.4	-0.78354	5.091441	33.6267	0	21.8201	0.783539	0.153893	15.2794	0.153893	30.4	-0.33012	5.096583	33.5508	0	18.0574	0.330121	0.064773	15.27785	0.064773
30.41	-0.7845	5.093812	33.627	0	21.81275	0.784499	0.15401	15.28675	0.15401	30.41	-0.33082	5.099792	33.551	0	18.0545	0.330822	0.06487	15.28075	0.06487
30.42	-0.78383	5.09713	33.627	0	21.81275	0.783834	0.153779	15.28675	0.153779	30.42	-0.33049	5.101908	33.5512	0	18.05135	0.33049	0.064778	15.2839	0.064778
30.43	-0.78413	5.099391	33.6282	0	21.80115	0.784129	0.153769	15.29635	0.153769	30.43	-0.33023	5.105627	33.5515	0	18.044	0.330232	0.06468	15.29125	0.06468
30.44	-0.78531	5.102856	33.6285	0	21.79825	0.785311	0.153896	15.30125	0.153896	30.44	-0.32949	5.107815	33.5515	0	18.044	0.329493	0.064508	15.29125	0.064508
30.45	-0.78627	5.105262	33.6287	0	21.7951	0.786271	0.154012	15.3044	0.154012	30.45	-0.33112	5.111426	33.5527	0	18.0316	0.331118	0.06478	15.30365	0.06478
30.46	-0.78716	5.108873	33.629	0	21.78775	0.787157	0.154077	15.31175	0.154077	30.46	-0.33108	5.113635	33.553	0	18.0285	0.331081	0.064745	15.30675	0.064745
30.47	-0.78668	5.111316	33.629	0	21.78775	0.786677	0.153909	15.31175	0.153909	30.47	-0.3313	5.117005	33.5533	0	18.02558	0.331302	0.064745	15.30968	0.064745
30.48	-0.78598	5.113978	33.6302	0	21.77575	0.785976	0.153692	15.32375	0.153692	30.48	-0.33045	5.118793	33.554	0	18.01875	0.330453	0.064557	15.3165	0.064557
30.49	-0.78583	5.115693	33.6305	0	21.77275	0.785828	0.153611	15.32675	0.153611	30.49	-0.33064	5.120981	33.554	0	18.01875	0.330638	0.064565	15.3165	0.064565
30.5	-0.78734	5.118683	33.6306	0	21.76968	0.787342	0.153817	15.32983	0.153817	30.5	-0.33104	5.122038	33.5544	0	18.00665	0.331044	0.064631	15.3287	0.064631
30.51	-0.78823	5.119996	33.631	0	21.7625	0.788228	0.153951	15.337	0.153951	30.51	-0.33149	5.122658	33.5545	0	18.0035	0.331487	0.06471	15.33175	0.06471
30.52	-0.78863	5.123387	33.631	0	21.7625	0.788634	0.153928	15.337	0.153928	30.52	-0.33104	5.121746	33.5545	0	18.00058	0.331044	0.064635	15.33468	0.064635
30.53	-0.78886	5.124664	33.6318	0	21.7503	0.788856	0.153933	15.3492	0.153933	30.53	-0.3309	5.121637	33.5545	0	17.99375	0.330996	0.064508	15.341	0.064508
30.54	-0.78863	5.126414	33.632	0	21.74725	0.788634	0.153837	15.35225	0.153837	30.54	-0.3306	5.120543	33.5545	0	17.99375	0.330601	0.064564	15.341	0.064564
30.55	-0.78808	5.125831	33.632	0	21.74433	0.78808	0.153747	15.35518	0.153747	30.55	-0.3313	5.120907	33.5545	0	17.98155	0.331302	0.064696	15.3537	0.064696
30.56	-0.78849	5.125794	33.632	0	21.7375	0.788487	0.153827	15.362	0.153827	30.56	-0.3323	5.120251	33.5545	0	17.9785	0.3323	0.064899	15.35675	0.064899
30.57	-0.78875	5.124445	33.632	0	21.7375	0.788745	0.153918	15.362	0.153918	30.57	-0.33204	5.120214	33.5545	0	17.97543	0.332041	0.064849	15.35983	0.064849
30.58	-0.7893	5.124408	33.6316	0	21.7253	0.789299	0.154027	15.3742	0.154027	30.58	-0.33164	5.121126	33.5545	0	17.96825	0.331635	0.064758	15.367	0.064758
30.59	-0.78985	5.122767	33.6315	0	21.72225	0.789853	0.154185	15.37725	0.154185	30.59	-0.33171	5.123176	33.5545	0	17.96825	0.331709	0.06474	15.367	0.06474
30.6	-0.79019	5.12346	33.6316	0	21.71925	0.790185	0.154229	15.38025	0.154229	30.6	-0.33223	5.126122	33.5557	0	17.95625	0.332226	0.06481	15.379	0.06481
30.61	-0.79019	5.123059	33.632	0	21.71225	0.790185	0.154241	15.38725	0.154241	30.61	-0.33071	5.129806	33.556	0	17.95325	0.330712	0.064669	15.382	0.064669
30.62	-0.79	5.125065	33.632	0	21.71225	0.790001	0.154145	15.38725	0.154145	30.62	-0.33186	5.132395	33.5562	0	17.95018	0.331856	0.064659	15.38508	0.064659
30.63	-0.79044	5.127253	33.6328	0	21.70005	0.790444	0.154165	15.39945	0.154165	30.63	-0.334	5.135859	33.5565	0	17.943	0.333998	0.065033	15.39225	0.065033
30.64	-0.79129	5.130425	33.633	0	21.697	0.791293	0.154235	15.4025	0.154235	30.64	-0.33392	5.138376	33.5565	0	17.943	0.333924	0.064986	15.39225	0.064986
30.65	-0.79218	5.132541	33.6333	0	21.69408	0.792179	0.154344	15.40543	0.154344	30.65	-0.33296	5.140929	33.5577	0	17.9312	0.332964	0.064767	15.40405	0.064767
30.66	-0.79288	5.13524	33.634	0	21.68725	0.792881	0.1544	15.41225	0.1544	30.66	-0.33437	5.143007	33.558	0	17.92825	0.334367	0.065014	15.407	0.065014
30.67	-0.79406	5.137027	33.634	0	21.68725	0.794062	0.154576	15.41225	0.154576	30.67	-0.33551	5.14567	33.5582	0	17.92518	0.335512	0.065203	15.41007	0.065203
30.68	-0.79417	5.13998	33.6348	0	21.67505	0.794173	0.154509	15.42445	0.154509	30.68	-0.33533	5.147457	33.5585	0	17.918	0.335327	0.065144	15.41725	0.065144
30.69	-0.79465	5.141986	33.635	0	21.672	0.794653	0.154542	15.4275	0.154542	30.69	-0.33463	5.15063	33.5585	0	17.918	0.334626	0.064968	15.41725	0.064968
30.7	-0.79436	5.145013	33.6353	0	21.66885	0.794358	0.154394	15.43065	0.154394	30.7	-0.33511	5.153255	33.5593	0	17.9056	0.335106	0.065028	15.42965	0.065028
30.71	-0.79447	5.147457	33.636	0	21.6615	0.794469	0.154342	15.438	0.154342	30.71	-0.33481	5.155844	33.5595	0	17.9025	0.33481	0.064938	15.43275	0.064938
30.72	-0.7951	5.150447	33.636	0	21.6615	0.795096	0.154374	15.438	0.154374	30.72	-0.33588	5.157996	33.5598	0	17.89958	0.335881	0.065119	15.43568	0.065119
30.73	-0.79639	5.152318	33.6368	0	21.6497	0.796389	0.154542	15.4498	0.154542	30.73	-0.33588	5.160367	33.5605	0	17.89275	0.335881	0.065089	15.4425	0.065089
30.74	-0.79735	5.156063	33.637	0	21.64675	0.797349	0.154643	15.45275	0.154643	30.74	-0.33677	5.160585	33.5605	0	17.89275	0.336768	0.065258	15.4425	0.065258
30.75	-0.79724	5.156869	33.6373	0	21.64386	0.797238	0.154543	15.45583	0.154543	30.75	-0.33632	5.160585	33.5609	0	17.88005	0.336324	0.065172	15.4547	0.065172
30.76	-0.79646	5.161169	33.638	0	21.6365	0.796463	0.154318	15.463	0.154318	30.76	-0.33632	5.159564	33.561	0	17.8775	0.336324	0.065185	15.45775	0.065185
30.77	-0.7968	5.163211	33.638	0	21.6365	0.796795	0.154322	15.463	0.154322	30.77	-0.33647	5.158835	33.5609	0	17.87458	0.336472	0.065223	15.46068	0.065223
30.78	-0.79687	5.165618	33.6388	0	21.6243	0.796869	0.154264	1											

31.35	-0.80263	5.251064	33.6527	0	21.34108	0.802629	0.152851	15.75843	0.152851	31.35	-0.34017	5.246213	33.5753	0	17.57755	0.340165	0.06484	15.7577	0.06484
31.36	-0.80315	5.247526	33.652	0	21.33425	0.803146	0.153052	15.76525	0.153052	31.36	-0.33928	5.24873	33.5755	0	17.5745	0.339279	0.06464	15.76075	0.06464
31.37	-0.80182	5.245375	33.652	0	21.33425	0.801817	0.152862	15.76525	0.152862	31.37	-0.33954	5.251976	33.5758	0	17.57115	0.339537	0.064649	15.76375	0.064649
31.38	-0.80197	5.242494	33.6516	0	21.32185	0.801965	0.152974	15.77765	0.152974	31.38	-0.33906	5.246474	33.5765	0	17.5645	0.339057	0.064525	15.77075	0.064525
31.39	-0.80112	5.241582	33.6515	0	21.31875	0.801115	0.152838	15.78075	0.152838	31.39	-0.33976	5.251154	33.5765	0	17.5645	0.339759	0.064628	15.77075	0.064628
31.4	-0.80045	5.241107	33.6515	0	21.31568	0.800451	0.152726	15.78383	0.152726	31.4	-0.34028	5.259415	33.5777	0	17.5523	0.340276	0.064698	15.78295	0.064698
31.41	-0.79971	5.241728	33.6515	0	21.3085	0.799712	0.152657	15.791	0.152657	31.41	-0.34013	5.261931	33.578	0	17.54923	0.340128	0.064639	15.786	0.064639
31.42	-0.7992	5.241947	33.6515	0	21.3085	0.799195	0.152462	15.791	0.152462	31.42	-0.3402	5.264193	33.5782	0	17.54633	0.340202	0.064626	15.78893	0.064626
31.43	-0.79827	5.24377	33.6523	0	21.2967	0.798272	0.152232	15.8028	0.152232	31.43	-0.34061	5.266417	33.5785	0	17.5395	0.340608	0.064675	15.79575	0.064675
31.44	-0.79986	5.245739	33.6525	0	21.29375	0.79986	0.152478	15.80575	0.152478	31.44	-0.34053	5.26835	33.5785	0	17.5395	0.340534	0.064638	15.79575	0.064638
31.45	-0.79997	5.248693	33.6528	0	21.29068	0.799971	0.152413	15.80883	0.152413	31.45	-0.34024	5.271523	33.5793	0	17.5273	0.340239	0.064543	15.80795	0.064543
31.46	-0.80145	5.250772	33.6535	0	21.2835	0.801448	0.152634	15.816	0.152634	31.46	-0.3402	5.274549	33.5795	0	17.52425	0.340202	0.064499	15.811	0.064499
31.47	-0.80119	5.253653	33.6535	0	21.2835	0.801189	0.152501	15.816	0.152501	31.47	-0.34124	5.277503	33.5798	0	17.52118	0.341236	0.064659	15.81408	0.064659
31.48	-0.8003	5.255513	33.6543	0	21.2715	0.800303	0.152279	15.828	0.152279	31.48	-0.34168	5.280348	33.5805	0	17.514	0.341679	0.064708	15.82125	0.064708
31.49	-0.79975	5.258467	33.6545	0	21.2685	0.799749	0.152088	15.831	0.152088	31.49	-0.34253	5.282974	33.5805	0	17.514	0.342528	0.064836	15.82125	0.064836
31.5	-0.80008	5.260582	33.6548	0	21.26543	0.800081	0.15209	15.83408	0.15209	31.5	-0.34301	5.286548	33.5813	0	17.502	0.343008	0.064883	15.83325	0.064883
31.51	-0.79957	5.263572	33.6555	0	21.25825	0.799565	0.151905	15.84125	0.151905	31.51	-0.34209	5.287642	33.5815	0	17.499	0.342085	0.064895	15.83625	0.064895
31.52	-0.79997	5.266599	33.6555	0	21.25825	0.799971	0.151895	15.84125	0.151895	31.52	-0.34201	5.290377	33.5818	0	17.49585	0.342011	0.064648	15.8394	0.064648
31.53	-0.80023	5.26959	33.6563	0	21.24605	0.800229	0.151858	15.85345	0.151858	31.53	-0.34157	5.291398	33.5825	0	17.4885	0.341568	0.064552	15.84675	0.064552
31.54	-0.80108	5.272142	33.6565	0	21.243	0.801078	0.151946	15.8565	0.151946	31.54	-0.34172	5.292018	33.5825	0	17.4885	0.341716	0.064572	15.84675	0.064572
31.55	-0.79971	5.275388	33.6568	0	21.24	0.799712	0.151593	15.8595	0.151593	31.55	-0.34146	5.29096	33.5825	0	17.4769	0.341457	0.064536	15.85835	0.064536
31.56	-0.79927	5.277686	33.6575	0	21.233	0.799269	0.151443	15.8665	0.151443	31.56	-0.34212	5.29107	33.5825	0	17.474	0.342122	0.064666	15.86125	0.064666
31.57	-0.79901	5.280311	33.6575	0	21.233	0.799011	0.151319	15.8665	0.151319	31.57	-0.34223	5.298611	33.5825	0	17.47093	0.342233	0.064699	15.86433	0.064699
31.58	-0.80038	5.282427	33.6583	0	21.221	0.800377	0.151517	15.8785	0.151517	31.58	-0.34113	5.299611	33.5825	0	17.46375	0.341125	0.064449	15.8715	0.064449
31.59	-0.80141	5.284906	33.6585	0	21.218	0.801411	0.151641	15.8815	0.151641	31.59	-0.34076	5.298517	33.5825	0	17.46375	0.340756	0.064433	15.8715	0.064433
31.6	-0.80226	5.287058	33.6586	0	21.215	0.80226	0.15174	15.8845	0.15174	31.6	-0.34268	5.299356	33.5825	0	17.45175	0.342676	0.064786	15.8835	0.064786
31.61	-0.80311	5.289939	33.659	0	21.208	0.803109	0.151818	15.8915	0.151818	31.61	-0.34408	5.299465	33.5825	0	17.44875	0.344079	0.06505	15.8865	0.06505
31.62	-0.80392	5.292456	33.659	0	21.208	0.803922	0.1519	15.8915	0.1519	31.62	-0.34327	5.292893	33.5828	0	17.44568	0.343267	0.064854	15.88957	0.064854
31.63	-0.80389	5.295883	33.6602	0	21.1954	0.803885	0.151794	15.9041	0.151794	31.63	-0.34245	5.295227	33.5835	0	17.4385	0.342454	0.064672	15.89675	0.064672
31.64	-0.80374	5.297998	33.6605	0	21.19225	0.803737	0.151706	15.90725	0.151706	31.64	-0.34194	5.298509	33.5835	0	17.4385	0.341937	0.064535	15.89675	0.064535
31.65	-0.80499	5.30139	33.6608	0	21.18933	0.804993	0.151846	15.91018	0.151846	31.65	-0.34116	5.300333	33.5843	0	17.4263	0.341162	0.064366	15.90895	0.064366
31.66	-0.80599	5.303724	33.6615	0	21.1825	0.80599	0.151967	15.917	0.151967	31.66	-0.34227	5.303469	33.5845	0	17.42325	0.34227	0.064537	15.912	0.064537
31.67	-0.80702	5.306751	33.6615	0	21.1825	0.807024	0.152075	15.917	0.152075	31.67	-0.34249	5.305584	33.5848	0	17.42033	0.342491	0.064553	15.91493	0.064553
31.68	-0.80754	5.308137	33.6623	0	21.1703	0.807541	0.152133	15.92925	0.152133	31.68	-0.34279	5.309012	33.5855	0	17.4135	0.342787	0.064567	15.92175	0.064567
31.69	-0.8075	5.311127	33.6625	0	21.16725	0.807504	0.152024	15.93225	0.152024	31.69	-0.34164	5.31058	33.5855	0	17.4135	0.341642	0.064332	15.92175	0.064332
31.7	-0.80787	5.312951	33.6628	0	21.16425	0.807873	0.152057	15.93525	0.152057	31.7	-0.34101	5.313423	33.5863	0	17.4013	0.341014	0.06418	15.93395	0.06418
31.71	-0.80883	5.315868	33.6635	0	21.15725	0.808833	0.152154	15.94225	0.152154	31.71	-0.34172	5.314531	33.5865	0	17.39825	0.341716	0.064287	15.937	0.064287
31.72	-0.80935	5.31802	33.6635	0	21.15725	0.80935	0.15219	15.94225	0.15219	31.72	-0.34286	5.318494	33.5868	0	17.39525	0.34286	0.064466	15.94	0.064466
31.73	-0.80887	5.321193	33.6643	0	21.14525	0.80887	0.152009	15.94225	0.152009	31.73	-0.34316	5.320901	33.5875	0	17.38825	0.343156	0.064492	15.947	0.064492
31.74	-0.80876	5.323454	33.6645	0	21.14225	0.808759	0.151924	15.95725	0.151924	31.74	-0.34275	5.324402	33.5875	0	17.38825	0.34275	0.064373	15.947	0.064373
31.75	-0.81013	5.326043	33.6646	0	21.13925	0.810125	0.152106	15.96025	0.152106	31.75	-0.34375	5.327101	33.5887	0	17.37605	0.343747	0.064528	15.9592	0.064528
31.76	-0.81109	5.325605	33.665	0	21.13225	0.811086	0.152299	15.96725	0.152299	31.76	-0.34359	5.329908	33.589	0	17.373	0.343593	0.064484	15.96225	0.064484
31.77	-0.81016	5.325897	33.665	0	21.13225	0.810162	0.152118	15.96725	0.152118	31.77	-0.34489	5.332242	33.5891	0	17.37	0.344891	0.06468	15.96525	0.06468
31.78	-0.80961	5.328355	33.6646	0	21.12005	0.809608	0.152072	15.97945	0.152072	31.78	-0.34435	5.334175	33.5895	0	17.363	0.344351	0.064387	15.97225	0.064387
31.79	-0.81057	5.323454	33.6645	0	21.117	0.810569	0.152264	15.9825	0.152264	31.79	-0.34334	5.333993	33.5895	0	17.363	0.34334	0.064368	15.97225	0.064368
31.8	-0.81264	5.320973	33.6644	0	21.11393	0.812636	0.152723	15.98558	0.152723	31.8	-0.34327	5.334175	33.5899	0	17.351	0.343267	0.064352	15.98425	0.064352
31.81	-0.81397	5.320719	33.664	0	21.10675	0.813966	0.15298	15.99275	0.15298	31.81	-0.34371	5.333118	33.59	0	17.348	0.34371	0.064448	15.98725	0.064448
31.82	-0.81338	5.319734	33.664	0	21.10675	0.813375	0.152898	15.99275	0.152898	31.82	-0.3429	5.332571	33.5899	0	17.348825	0.342897	0.064302	15.9904	0.064302
31.83	-0.81278	5.320536	33.6648	0	21.09495	0.812784	0.152764	16.00455	0.152764	31.83	-0.3433	5.331222	33.5895	0	17.3375	0.343304	0.064395	15.99775	0.064395
31.84	-0.81352	5.320901	33.665	0	21.092	0.813523	0.152892	16.0075	0.152892	31.84	-0.34412	5.329908	33.5895	0	17.3375	0.344116	0.064563	15.99775	0.064563
31.85	-0.81338	5.323672	33.6651	0	21.08885	0.813375	0.152785	16.01065	0.152785	31.85	-0.34434	5.328049	33.5887	0	17.3257	0.344337	0.064627	16.00955	0.064627
31.86	-0.81338	5.325788	33.6655	0	21.0815	0.813375	0.152724	16.018	0.152724	31.86	-0.34486	5.327775	33.5885	0	17.32275	0.344857	0.064541	16.0125	0.064541
31.87	-0.																		

32.44	-0.84358	5.423341	33.682	0	20.78875	0.843581	0.155546	16.31075	0.155546	32.44	-0.35497	5.435886	33.6075	0	17.0355	0.354972	0.065302	16.29975	0.065302
32.45	-0.8445	5.425091	33.6823	0	20.78583	0.844504	0.155666	16.31368	0.155666	32.45	-0.35582	5.438694	33.6083	0	17.0231	0.355822	0.065424	16.31215	0.065424
32.46	-0.84469	5.427279	33.683	0	20.7779	0.844688	0.155638	16.3205	0.155638	32.46	-0.35523	5.441648	33.6085	0	17.0201	0.355231	0.06528	16.31525	0.06528
32.47	-0.84469	5.430416	33.683	0	20.7779	0.844688	0.155548	16.3205	0.155548	32.47	-0.35723	5.443872	33.6088	0	17.01708	0.357225	0.06562	16.31818	0.06562
32.48	-0.84362	5.433187	33.6838	0	20.767	0.843618	0.155271	16.3325	0.155271	32.48	-0.35734	5.446608	33.6095	0	17.01025	0.357336	0.065607	16.325	0.065607
32.49	-0.84284	5.435959	33.684	0	20.764	0.842842	0.155049	16.3355	0.155049	32.49	-0.35748	5.447994	33.6095	0	17.01025	0.357483	0.065617	16.325	0.065617
32.5	-0.84262	5.439022	33.6843	0	20.76108	0.842621	0.154921	16.33843	0.154921	32.5	-0.35741	5.450327	33.6103	0	16.99980	0.357409	0.065576	16.3372	0.065576
32.51	-0.84391	5.442049	33.685	0	20.75425	0.843913	0.155073	16.34525	0.155073	32.51	-0.35756	5.452505	33.6105	0	16.99805	0.357557	0.065583	16.34025	0.065583
32.52	-0.84417	5.445113	33.685	0	20.75425	0.844172	0.155033	16.34525	0.155033	32.52	-0.35771	5.454558	33.6108	0	16.992	0.357705	0.065579	16.34325	0.065579
32.53	-0.84535	5.447556	33.6858	0	20.74165	0.845353	0.15518	16.35785	0.15518	32.53	-0.35759	5.457001	33.6115	0	16.985	0.357594	0.065529	16.35025	0.065529
32.54	-0.84513	5.4504	33.686	0	20.7385	0.845132	0.155059	16.361	0.155059	32.54	-0.35767	5.459299	33.6115	0	16.985	0.357668	0.065515	16.35025	0.065515
32.55	-0.84535	5.452078	33.6863	0	20.73543	0.845353	0.155052	16.36408	0.155052	32.55	-0.35841	5.461086	33.6123	0	16.9728	0.358406	0.065629	16.36245	0.065629
32.56	-0.84487	5.454704	33.687	0	20.72825	0.844873	0.154889	16.37125	0.154889	32.56	-0.35889	5.461858	33.6125	0	16.96975	0.358886	0.065708	16.3655	0.065708
32.57	-0.84613	5.456965	33.687	0	20.72825	0.846129	0.155055	16.37125	0.155055	32.57	-0.35907	5.461888	33.6125	0	16.96668	0.359071	0.065741	16.36857	0.065741
32.58	-0.84679	5.460283	33.6878	0	20.71665	0.846793	0.155082	16.38285	0.155082	32.58	-0.35778	5.461013	33.6125	0	16.9595	0.357779	0.065515	16.37575	0.065515
32.59	-0.8482	5.462508	33.688	0	20.71375	0.848196	0.155276	16.38575	0.155276	32.59	-0.35608	5.459846	33.6125	0	16.9595	0.35608	0.065218	16.37575	0.065218
32.6	-0.84779	5.465207	33.6882	0	20.7106	0.84779	0.155125	16.3889	0.155125	32.6	-0.35726	5.458387	33.6121	0	16.9477	0.357262	0.065452	16.38755	0.065452
32.61	-0.84801	5.465243	33.6885	0	20.70325	0.848012	0.155165	16.39625	0.155165	32.61	-0.35981	5.456418	33.612	0	16.94475	0.35981	0.065942	16.3905	0.065942
32.62	-0.84757	5.465681	33.6885	0	20.70325	0.847569	0.155071	16.39625	0.155071	32.62	-0.35959	5.453829	33.6119	0	16.94168	0.359588	0.065933	16.39357	0.065933
32.63	-0.84761	5.463785	33.6885	0	20.69145	0.847606	0.155132	16.40085	0.155132	32.63	-0.35793	5.451568	33.6115	0	16.9345	0.357926	0.065656	16.40075	0.065656
32.64	-0.84661	5.463383	33.6885	0	20.6885	0.846609	0.154996	16.411	0.154996	32.64	-0.35579	5.450291	33.6115	0	16.9345	0.355785	0.065278	16.40075	0.065278
32.65	-0.84698	5.461305	33.6884	0	20.68543	0.846978	0.155087	16.41408	0.155087	32.65	-0.35494	5.450524	33.6115	0	16.9221	0.354935	0.065123	16.41315	0.065123
32.66	-0.84631	5.461123	33.688	0	20.67825	0.846313	0.154971	16.42125	0.154971	32.66	-0.35601	5.449744	33.6115	0	16.919	0.356006	0.065325	16.41625	0.065325
32.67	-0.84561	5.459481	33.688	0	20.67825	0.845612	0.154889	16.42125	0.154889	32.67	-0.35627	5.450947	33.6117	0	16.916	0.356265	0.065358	16.41925	0.065358
32.68	-0.84454	5.460575	33.6884	0	20.66625	0.844541	0.154662	16.43325	0.154662	32.68	-0.35634	5.451859	33.612	0	16.909	0.356339	0.065361	16.42625	0.065361
32.69	-0.84495	5.460976	33.6885	0	20.66325	0.844947	0.154725	16.43625	0.154725	32.69	-0.35667	5.454594	33.612	0	16.909	0.356671	0.065389	16.42625	0.065389
32.7	-0.84661	5.464112	33.6888	0	20.66018	0.846609	0.15494	16.43933	0.15494	32.7	-0.35682	5.456381	33.6132	0	16.8972	0.356819	0.065395	16.43805	0.065395
32.71	-0.84798	5.466264	33.6895	0	20.653	0.847975	0.155129	16.4465	0.155129	32.71	-0.35567	5.459627	33.6135	0	16.89425	0.355674	0.065146	16.441	0.065146
32.72	-0.84779	5.469884	33.6895	0	20.653	0.84779	0.15499	16.4465	0.15499	32.72	-0.35497	5.461377	33.6137	0	16.89125	0.354972	0.064997	16.444	0.064997
32.73	-0.84683	5.471261	33.6903	0	20.6408	0.84683	0.154778	16.4587	0.154778	32.73	-0.3556	5.463529	33.614	0	16.88425	0.3556	0.065086	16.451	0.065086
32.74	-0.84624	5.474178	33.6905	0	20.63775	0.846239	0.154587	16.46175	0.154587	32.74	-0.3558	5.464842	33.614	0	16.88425	0.355895	0.065125	16.451	0.065125
32.75	-0.84513	5.475418	33.6908	0	20.63483	0.845132	0.15435	16.46468	0.15435	32.75	-0.35634	5.467833	33.6148	0	16.87815	0.356339	0.06517	16.4634	0.06517
32.76	-0.84484	5.4787	33.6915	0	20.628	0.844836	0.154204	16.4715	0.154204	32.76	-0.35601	5.47013	33.615	0	16.86875	0.356006	0.065082	16.4665	0.065082
32.77	-0.84602	5.480633	33.6915	0	20.628	0.846018	0.154365	16.4715	0.154365	32.77	-0.35663	5.472828	33.6153	0	16.8659	0.356634	0.065164	16.46943	0.065164
32.78	-0.84716	5.484571	33.6923	0	20.6156	0.847162	0.154463	16.4839	0.154463	32.78	-0.35693	5.47509	33.616	0	16.8583	0.356929	0.065192	16.47625	0.065192
32.79	-0.84731	5.486942	33.6925	0	20.6125	0.84731	0.154423	16.487	0.154423	32.79	-0.35656	5.478554	33.616	0	16.859	0.35656	0.065083	16.47625	0.065083
32.8	-0.84746	5.490589	33.6928	0	20.60958	0.847458	0.154347	16.48993	0.154347	32.8	-0.35667	5.480742	33.6172	0	16.8468	0.356671	0.065077	16.48845	0.065077
32.81	-0.84764	5.492412	33.6935	0	20.60275	0.847643	0.15433	16.49675	0.15433	32.81	-0.35796	5.483696	33.6175	0	16.84375	0.357963	0.065278	16.4915	0.065278
32.82	-0.84801	5.496059	33.6935	0	20.60275	0.848016	0.154295	16.49675	0.154295	32.82	-0.35814	5.485702	33.6176	0	16.8406	0.35814	0.065335	16.49465	0.065335
32.83	-0.84809	5.497627	33.6943	0	20.59055	0.848086	0.154264	16.50895	0.154264	32.83	-0.35874	5.487926	33.618	0	16.83325	0.358739	0.065369	16.502	0.065369
32.84	-0.84812	5.500399	33.6945	0	20.5875	0.848123	0.154193	16.512	0.154193	32.84	-0.35807	5.489568	33.618	0	16.83325	0.358074	0.065228	16.502	0.065228
32.85	-0.84798	5.502077	33.6948	0	20.58458	0.847975	0.154119	16.51493	0.154119	32.85	-0.35785	5.492375	33.6188	0	16.82145	0.357852	0.065154	16.5138	0.065154
32.86	-0.84838	5.505249	33.6955	0	20.57775	0.848381	0.154104	16.52175	0.154104	32.86	-0.35833	5.494819	33.619	0	16.8185	0.358333	0.065213	16.51675	0.065213
32.87	-0.84838	5.507437	33.6955	0	20.57775	0.848381	0.154043	16.52175	0.154043	32.87	-0.35811	5.497736	33.6193	0	16.81543	0.358111	0.065138	16.51983	0.065138
32.88	-0.84953	5.510719	33.6963	0	20.56535	0.849526	0.154159	16.53415	0.154159	32.88	-0.35789	5.499925	33.62	0	16.80825	0.357889	0.065072	16.527	0.065072
32.89	-0.85082	5.513199	33.6965	0	20.56225	0.850818	0.154324	16.53725	0.154324	32.89	-0.359	5.502551	33.62	0	16.80825	0.35997	0.065242	16.527	0.065242
32.9	-0.85049	5.516408	33.6968	0	20.55918	0.850486	0.154174	16.54033	0.154174	32.9	-0.35896	5.505249	33.6208	0	16.79605	0.35896	0.065203	16.5392	0.065203
32.91	-0.84975	5.518414	33.6975	0	20.552	0.849747	0.153984	16.5475	0.153984	32.91	-0.35974	5.507874	33.621	0	16.793	0.359736	0.065313	16.54225	0.065313
32.92	-0.84934	5.521587	33.6975	0	20.552	0.849341	0.153822	16.5475	0.153822	32.92	-0.36036	5.50999	33.6213	0	16.79	0.360363	0.065402	16.54525	0.065402
32.93	-0.84986	5.522462	33.6983	0	20.5402	0.849858	0.153891	16.5593	0.153891	32.93	-0.36088	5.512288	33.622	0	16.783	0.36088	0.065468	16.55225	0.065468
32.94	-0.85049	5.523556	33.6985	0	20.53725	0.850486	0.153974	16.56225	0.153974	32.94	-0.36003	5.513892	33.622	0	16.783	0.360031	0.065495	16.55225	0.065495
32.95	-0.85082	5.523374	33.6985	0	20.5341	0.850818	0.15404	16.5654	0.15404	32.95	-0.35963	5.516335	33.6228	0	16.777	0.359625	0.065193	16.56425	0.065193
32.96	-0.85167	5.522827	33.6985	0	20.52675	0.85													

33.53	-0.85706	5.622496	33.7138	0	20.2375	0.857059	0.152434	16.862	0.152434	33.53	-0.37262	5.609549	33.6405	0	16.4805	0.372623	0.066427	16.85475	0.066427
33.54	-0.85706	5.623225	33.714	0	20.2345	0.857059	0.152414	16.8665	0.152414	33.54	-0.37403	5.607835	33.6405	0	16.4805	0.374026	0.066697	16.85475	0.066697
33.55	-0.85669	5.622897	33.714	0	20.2315	0.856689	0.152357	16.868	0.152357	33.55	-0.3751	5.608236	33.6409	0	16.4685	0.375097	0.066883	16.86675	0.066883
33.56	-0.85717	5.622131	33.714	0	20.2245	0.85717	0.152463	16.875	0.152463	33.56	-0.37617	5.608309	33.641	0	16.4655	0.376168	0.067073	16.86975	0.067073
33.57	-0.85569	5.621037	33.714	0	20.2245	0.855693	0.152223	16.875	0.152223	33.57	-0.37532	5.610935	33.6412	0	16.46235	0.375319	0.066891	16.8729	0.066891
33.58	-0.85647	5.620453	33.7136	0	20.2123	0.856468	0.152384	16.8872	0.152384	33.58	-0.37406	5.612758	33.6415	0	16.4655	0.374063	0.066645	16.88025	0.066645
33.59	-0.85795	5.619067	33.7135	0	20.20925	0.857945	0.152685	16.89025	0.152685	33.59	-0.37371	5.615165	33.6415	0	16.4655	0.373103	0.066446	16.88025	0.066446
33.6	-0.85857	5.617937	33.7135	0	20.20625	0.858573	0.152287	16.89325	0.152287	33.6	-0.37499	5.616989	33.6423	0	16.4432	0.374986	0.066759	16.89205	0.066759
33.61	-0.85783	5.616806	33.7135	0	20.19925	0.857834	0.152726	16.90025	0.152726	33.61	-0.37654	5.619651	33.6425	0	16.44025	0.376537	0.067004	16.895	0.067004
33.62	-0.85776	5.616697	33.7135	0	20.19925	0.85776	0.152716	16.90025	0.152716	33.62	-0.37523	5.621766	33.6428	0	16.4371	0.377534	0.067156	16.89815	0.067156
33.63	-0.85695	5.616551	33.7139	0	20.18685	0.856948	0.152575	16.91265	0.152575	33.63	-0.37713	5.625011	33.6435	0	16.42975	0.377128	0.067045	16.9055	0.067045
33.64	-0.85772	5.617499	33.714	0	20.18375	0.857723	0.152688	16.91575	0.152688	33.64	-0.37654	5.627674	33.6435	0	16.42975	0.376537	0.066908	16.9055	0.066908
33.65	-0.85717	5.618702	33.7141	0	20.18083	0.85717	0.152556	16.91868	0.152556	33.65	-0.37624	5.631175	33.6447	0	16.41775	0.376242	0.066814	16.9175	0.066814
33.66	-0.85735	5.620636	33.7145	0	20.174	0.857354	0.152537	16.9255	0.152537	33.66	-0.37661	5.633108	33.645	0	16.41475	0.376611	0.066857	16.9205	0.066857
33.67	-0.85632	5.623517	33.7145	0	20.174	0.85632	0.152275	16.9255	0.152275	33.67	-0.37724	5.636171	33.6451	0	16.41175	0.377239	0.066932	16.9235	0.066932
33.68	-0.8571	5.625741	33.7153	0	20.1616	0.857096	0.152352	16.9379	0.152352	33.68	-0.37809	5.638432	33.6455	0	16.40475	0.378088	0.067056	16.9305	0.067056
33.69	-0.85798	5.628878	33.7155	0	20.1585	0.857982	0.152425	16.941	0.152425	33.69	-0.37875	5.640693	33.6455	0	16.40475	0.378753	0.067146	16.9305	0.067146
33.7	-0.85898	5.632378	33.7158	0	20.1555	0.858979	0.152507	16.944	0.152507	33.7	-0.37857	5.642189	33.6467	0	16.39225	0.378568	0.067096	16.9427	0.067096
33.71	-0.85931	5.635624	33.7165	0	20.1485	0.859311	0.152478	16.951	0.152478	33.71	-0.37861	5.644559	33.647	0	16.3895	0.378605	0.067074	16.94575	0.067074
33.72	-0.86064	5.638249	33.7165	0	20.1485	0.860641	0.152643	16.951	0.152643	33.72	-0.37949	5.646601	33.6472	0	16.38658	0.379491	0.067207	16.94868	0.067207
33.73	-0.86097	5.641459	33.7177	0	20.1365	0.860973	0.152615	16.963	0.152615	33.73	-0.3789	5.649117	33.6475	0	16.37975	0.3789	0.067073	16.9555	0.067073
33.74	-0.86175	5.643866	33.718	0	20.1335	0.861748	0.152688	16.966	0.152688	33.74	-0.37787	5.651816	33.6475	0	16.37975	0.377867	0.066858	16.9555	0.066858
33.75	-0.86193	5.646747	33.7182	0	20.13058	0.861933	0.152642	16.96893	0.152642	33.75	-0.3782	5.654515	33.6487	0	16.36755	0.378199	0.066889	16.9677	0.066889
33.76	-0.86433	5.648315	33.7185	0	20.12375	0.864333	0.153025	16.97575	0.153025	33.76	-0.37801	5.656703	33.649	0	16.3645	0.378014	0.066826	16.97075	0.066826
33.77	-0.86481	5.651306	33.7185	0	20.12375	0.864813	0.153029	16.97575	0.153029	33.77	-0.37879	5.659	33.6492	0	16.3615	0.37879	0.066936	16.97375	0.066936
33.78	-0.86677	5.653347	33.7193	0	20.11155	0.86677	0.15332	16.98795	0.15332	33.78	-0.37945	5.661665	33.6495	0	16.3545	0.379454	0.067022	16.98075	0.067022
33.79	-0.8654	5.656338	33.7195	0	20.1085	0.865404	0.152997	16.991	0.152997	33.79	-0.37909	5.663303	33.6495	0	16.3545	0.379085	0.066937	16.98075	0.066937
33.8	-0.86596	5.658636	33.7198	0	20.10535	0.865958	0.153033	16.99415	0.153033	33.8	-0.37905	5.664544	33.6503	0	16.3419	0.379048	0.066916	16.99335	0.066916
33.81	-0.86588	5.662355	33.7205	0	20.098	0.865884	0.152919	17.0015	0.152919	33.81	-0.37897	5.664252	33.6505	0	16.33875	0.378974	0.066906	16.9965	0.066906
33.82	-0.86537	5.664458	33.7205	0	20.098	0.86537	0.152768	17.0015	0.152768	33.82	-0.3789	5.666267	33.6505	0	16.33575	0.3789	0.066905	16.9995	0.066905
33.83	-0.86581	5.667972	33.7213	0	20.0862	0.86581	0.152755	17.0133	0.152755	33.83	-0.3789	5.668217	33.6505	0	16.32875	0.3789	0.066918	17.0065	0.066918
33.84	-0.86644	5.670123	33.7215	0	20.08325	0.866438	0.152808	17.01625	0.152808	33.84	-0.3799	5.669877	33.6505	0	16.32875	0.379988	0.067109	17.0065	0.067109
33.85	-0.86607	5.672384	33.7218	0	20.08018	0.866069	0.152682	17.01933	0.152682	33.85	-0.37957	5.669511	33.6501	0	16.31715	0.379565	0.067067	17.0181	0.067067
33.86	-0.86714	5.672275	33.7225	0	20.073	0.86714	0.152873	17.0265	0.152873	33.86	-0.37993	5.668782	33.65	0	16.31425	0.379934	0.067141	17.021	0.067141
33.87	-0.86792	5.672894	33.7225	0	20.073	0.867915	0.152993	17.0265	0.152993	33.87	-0.38089	5.657833	33.65	0	16.31118	0.380894	0.067322	17.02408	0.067322
33.88	-0.86836	5.670816	33.7221	0	20.0612	0.868358	0.153128	17.0383	0.153128	33.88	-0.38053	5.657578	33.65	0	16.304	0.380525	0.067259	17.03125	0.067259
33.89	-0.86828	5.670962	33.722	0	20.05825	0.868284	0.153111	17.04125	0.153111	33.89	-0.37912	5.657542	33.65	0	16.304	0.379122	0.067012	17.03125	0.067012
33.9	-0.86864	5.668956	33.7219	0	20.05518	0.868395	0.153184	17.04433	0.153184	33.9	-0.37783	5.659993	33.6508	0	16.2916	0.37783	0.066758	17.04365	0.066758
33.91	-0.86825	5.668847	33.7215	0	20.048	0.868247	0.153161	17.0515	0.153161	33.91	-0.37761	5.661736	33.651	0	16.2885	0.377608	0.066695	17.04675	0.066695
33.92	-0.86814	5.667826	33.7215	0	20.048	0.868137	0.153169	17.0515	0.153169	33.92	-0.37931	5.664398	33.6513	0	16.28558	0.379307	0.066963	17.04968	0.066963
33.93	-0.86792	5.668737	33.7223	0	20.036	0.867915	0.153106	17.0635	0.153106	33.93	-0.37975	5.66717	33.652	0	16.27875	0.37975	0.067006	17.0565	0.067006
33.94	-0.86806	5.669321	33.7225	0	20.033	0.868063	0.153116	17.0665	0.153116	33.94	-0.37993	5.670123	33.652	0	16.27875	0.379934	0.067006	17.0565	0.067006
33.95	-0.86862	5.671801	33.7227	0	20.02993	0.868617	0.153147	17.06958	0.153147	33.95	-0.37901	5.672712	33.6528	0	16.26655	0.379011	0.066813	17.0687	0.066813
33.96	-0.86891	5.674098	33.723	0	20.02275	0.868912	0.153137	17.07675	0.153137	33.96	-0.38027	5.675375	33.653	0	16.2635	0.380267	0.067003	17.07175	0.067003
33.97	-0.86843	5.673381	33.723	0	20.02275	0.868432	0.152964	17.07675	0.152964	33.97	-0.38038	5.677344	33.6533	0	16.26035	0.380378	0.066999	17.0749	0.066999
33.98	-0.86869	5.679824	33.7242	0	20.01055	0.86869	0.152943	17.08895	0.152943	33.98	-0.38093	5.680079	33.654	0	16.253	0.380931	0.067064	17.08225	0.067064
33.99	-0.86954	5.683653	33.7245	0	20.0075	0.86954	0.15299	17.092	0.15299	33.99	-0.38237	5.681428	33.654	0	16.253	0.382372	0.067302	17.08225	0.067302
34	-0.87002	5.686133	33.7247	0	20.00458	0.87002	0.153007	17.09493	0.153007	34	-0.3827	5.683763	33.6548	0	16.2412	0.382704	0.067333	17.09405	0.067333
34.01	-0.87002	5.689305	33.725	0	19.99775	0.87002	0.152922	17.10175	0.152922	34.01	-0.38182	5.686133	33.655	0	16.23825	0.381818	0.067149	17.097	0.067149
34.02	-0.8695	5.691858	33.725	0	19.99775	0.869503	0.152763	17.10175	0.152763	34.02	-0.38145	5.688576	33.6553	0	16.2338	0.381448	0.067055	17.10008	0.067055
34.03	-0.86924	5.694666	33.7262	0	19.98555	0.869244	0.152642	17.11395	0.152642	34.03	-0.38134	5.690655	33.656	0	16.22518	0.381338	0.067011	17.10275	0.067011
34.04	-0.86943	5.696599	33.7265	0	19.9825	0.869429	0.152622	17.117	0.152622	34.04	-0.38245	5.693828	33.656	0	16.228	0.382445	0.067168	17.10725</	



34.62	-0.87327	5.795101	33.7425	0	19.69525	0.873269	0.150691	17.40425	0.150691	34.62	-0.40024	5.796049	33.6753	0	15.93283	0.400244	0.069055	17.40243	0.069055
34.63	-0.87349	5.797945	33.7437	0	19.68825	0.873491	0.150655	17.41625	0.150655	34.63	-0.40036	5.797909	33.6766	0	15.926	0.400355	0.069052	17.40925	0.069052
34.64	-0.87339	5.80079	33.7444	0	19.68025	0.873897	0.150651	17.41925	0.150651	34.64	-0.3991	5.801446	33.6766	0	15.926	0.399099	0.068793	17.40925	0.068793
34.65	-0.87467	5.803598	33.7442	0	19.67718	0.874673	0.150712	17.42233	0.150712	34.65	-0.39947	5.802868	33.6772	0	15.9136	0.399468	0.06884	17.42165	0.06884
34.66	-0.87534	5.806333	33.7445	0	19.67	0.875337	0.150756	17.4295	0.150756	34.66	-0.39917	5.805385	33.6775	0	15.9105	0.399173	0.068759	17.42475	0.068759
34.67	-0.87593	5.809068	33.7445	0	19.67	0.875928	0.150786	17.4295	0.150786	34.67	-0.39921	5.806807	33.6777	0	15.9075	0.39921	0.068749	17.42775	0.068749
34.68	-0.87537	5.810819	33.7453	0	19.6582	0.875374	0.150646	17.4413	0.150646	34.68	-0.39821	5.80925	33.678	0	15.9005	0.398213	0.068548	17.43475	0.068548
34.69	-0.87608	5.811767	33.7455	0	19.65525	0.876076	0.150742	17.44425	0.150742	34.69	-0.39807	5.810709	33.678	0	15.9005	0.398065	0.068505	17.43475	0.068505
34.7	-0.87656	5.81122	33.7455	0	19.6521	0.876556	0.150839	17.4474	0.150839	34.7	-0.39851	5.813153	33.6788	0	15.8885	0.398508	0.068553	17.44675	0.068553
34.71	-0.87792	5.810563	33.7455	0	19.64475	0.877922	0.151091	17.45475	0.151091	34.71	-0.3988	5.814538	33.679	0	15.8855	0.398804	0.068587	17.44975	0.068587
34.72	-0.87733	5.808922	33.7455	0	19.64475	0.877331	0.151032	17.45475	0.151032	34.72	-0.3977	5.81608	33.6793	0	15.88235	0.397696	0.06837	17.4529	0.06837
34.73	-0.87748	5.807865	33.7451	0	19.63255	0.877479	0.151085	17.46695	0.151085	34.73	-0.39788	5.818003	33.68	0	15.875	0.397881	0.068388	17.46025	0.068388
34.74	-0.87733	5.804729	33.745	0	19.6295	0.877331	0.151141	17.47	0.151141	34.74	-0.39792	5.818441	33.68	0	15.875	0.397917	0.068389	17.46025	0.068389
34.75	-0.87829	5.802285	33.7449	0	19.62658	0.878291	0.15137	17.47293	0.15137	34.75	-0.39866	5.816471	33.68	0	15.8632	0.398656	0.068539	17.47205	0.068539
34.76	-0.8777	5.800644	33.7445	0	19.61975	0.877701	0.151311	17.47975	0.151311	34.76	-0.39821	5.815961	33.68	0	15.86025	0.398213	0.068469	17.475	0.068469
34.77	-0.87748	5.800754	33.7445	0	19.61975	0.877479	0.15127	17.47975	0.15127	34.77	-0.39818	5.813736	33.6799	0	15.85718	0.398176	0.068489	17.47808	0.068489
34.78	-0.87737	5.800754	33.7449	0	19.60755	0.877368	0.151251	17.49195	0.151251	34.78	-0.39847	5.812897	33.6795	0	15.85	0.398471	0.06855	17.48525	0.06855
34.79	-0.87822	5.80203	33.745	0	19.6045	0.878218	0.151364	17.495	0.151364	34.79	-0.3988	5.810563	33.6795	0	15.85	0.398804	0.068634	17.48525	0.068634
34.8	-0.87925	5.803598	33.7453	0	19.60158	0.879251	0.151501	17.49793	0.151501	34.8	-0.39884	5.810819	33.6799	0	15.8382	0.398841	0.068638	17.49705	0.068638
34.81	-0.88062	5.806005	33.746	0	19.59475	0.880618	0.151674	17.50475	0.151674	34.81	-0.39932	5.809542	33.68	0	15.83525	0.399321	0.068735	17.5	0.068735
34.82	-0.88069	5.808813	33.746	0	19.59475	0.880692	0.151613	17.50475	0.151613	34.82	-0.3988	5.810819	33.6801	0	15.8321	0.398804	0.068631	17.50315	0.068631
34.83	-0.88191	5.811439	33.7468	0	19.58235	0.88191	0.151754	17.51715	0.151754	34.83	-0.39962	5.811985	33.6805	0	15.82475	0.399616	0.068757	17.5105	0.068757
34.84	-0.88099	5.813627	33.747	0	19.57925	0.880987	0.151538	17.52025	0.151538	34.84	-0.39943	5.815268	33.6805	0	15.82475	0.399431	0.068687	17.5105	0.068687
34.85	-0.8825	5.816362	33.7472	0	19.5761	0.882501	0.151727	17.5234	0.151727	34.85	-0.39906	5.81731	33.6813	0	15.81295	0.399062	0.068599	17.5223	0.068599
34.86	-0.88254	5.819498	33.7475	0	19.56875	0.882538	0.151652	17.53075	0.151652	34.86	-0.39747	5.820191	33.6815	0	15.81	0.397474	0.068292	17.52525	0.068292
34.87	-0.88357	5.822525	33.7475	0	19.56875	0.883572	0.151751	17.53075	0.151751	34.87	-0.39688	5.822124	33.6818	0	15.80685	0.396884	0.068168	17.5284	0.068168
34.88	-0.8828	5.82537	33.7487	0	19.55715	0.882796	0.151543	17.54235	0.151543	34.88	-0.39747	5.824213	33.6825	0	15.7995	0.397474	0.068244	17.53575	0.068244
34.89	-0.88361	5.828275	33.749	0	19.55425	0.883609	0.151596	17.54525	0.151596	34.89	-0.39729	5.825515	33.6825	0	15.7995	0.39729	0.068198	17.53575	0.068198
34.9	-0.88313	5.832262	33.7493	0	19.55118	0.883129	0.151421	17.54833	0.151421	34.9	-0.39663	5.828615	33.6833	0	15.7875	0.396625	0.068048	17.54775	0.068048
34.91	-0.88457	5.834742	33.75	0	19.544	0.884569	0.151604	17.5555	0.151604	34.91	-0.39714	5.830767	33.6835	0	15.7845	0.397142	0.068111	17.55075	0.068111
34.92	-0.8849	5.837805	33.75	0	19.544	0.884901	0.151581	17.5555	0.151581	34.92	-0.39733	5.833794	33.6838	0	15.7815	0.397327	0.068108	17.55375	0.068108
34.93	-0.88638	5.839775	33.7508	0	19.532	0.886378	0.151783	17.5675	0.151783	34.93	-0.39707	5.83642	33.6845	0	15.7745	0.397068	0.068033	17.56075	0.068033
34.94	-0.88649	5.84251	33.751	0	19.529	0.886489	0.151731	17.5705	0.151731	34.94	-0.39711	5.83941	33.6845	0	15.7745	0.397105	0.068004	17.56075	0.068004
34.95	-0.88649	5.844698	33.7512	0	19.52593	0.886489	0.151674	17.57358	0.151674	34.95	-0.3977	5.841561	33.6853	0	15.7671	0.397696	0.068008	17.57315	0.068008
34.96	-0.88582	5.847943	33.7515	0	19.51875	0.885824	0.151476	17.58075	0.151476	34.96	-0.39836	5.844151	33.6855	0	15.7529	0.398361	0.068164	17.57625	0.068164
34.97	-0.88601	5.850533	33.7515	0	19.51875	0.886009	0.151441	17.58075	0.151441	34.97	-0.39803	5.84561	33.6858	0	15.75608	0.398028	0.06809	17.57918	0.06809
34.98	-0.88542	5.853523	33.7527	0	19.50655	0.885418	0.151262	17.59295	0.151262	34.98	-0.39821	5.847907	33.6865	0	15.74925	0.398213	0.068095	17.586	0.068095
34.99	-0.88623	5.856076	33.753	0	19.5035	0.886233	0.151335	17.596	0.151335	34.99	-0.39759	5.849528	33.6865	0	15.74925	0.397585	0.067967	17.586	0.067967
35	-0.88749	5.859358	33.7533	0	19.50058	0.887486	0.151465	17.59893	0.151465	35	-0.39784	5.852111	33.6873	0	15.73725	0.397844	0.067982	17.598	0.067982
35.01	-0.88867	5.861765	33.754	0	19.49375	0.888668	0.151604	17.60575	0.151604	35.01	-0.39788	5.854763	33.6875	0	15.73425	0.397881	0.067958	17.601	0.067958
35.02	-0.88882	5.864245	33.754	0	19.49375	0.888815	0.151565	17.60575	0.151565	35.02	-0.3977	5.85717	33.6878	0	15.7311	0.397696	0.067899	17.60415	0.067899
35.03	-0.88834	5.866558	33.7544	0	19.48135	0.888335	0.151449	17.61815	0.151449	35.03	-0.39736	5.859686	33.6885	0	15.72375	0.397364	0.067813	17.6115	0.067813
35.04	-0.88804	5.866105	33.7545	0	19.47825	0.88804	0.151385	17.62125	0.151385	35.04	-0.39747	5.86202	33.6885	0	15.72375	0.397474	0.067805	17.6115	0.067805
35.05	-0.88786	5.864865	33.7545	0	19.47533	0.887855	0.151385	17.62418	0.151385	35.05	-0.39718	5.864027	33.6897	0	15.71715	0.397179	0.067731	17.6235	0.067731
35.06	-0.88786	5.864245	33.7545	0	19.4685	0.887855	0.151401	17.631	0.151401	35.06	-0.39762	5.866141	33.69	0	15.70875	0.397622	0.067783	17.6265	0.067783
35.07	-0.88771	5.863005	33.7545	0	19.4685	0.887708	0.151408	17.631	0.151408	35.07	-0.39788	5.869292	33.6902	0	15.70568	0.397881	0.067806	17.62958	0.067806
35.08	-0.88826	5.862276	33.7541	0	19.4563	0.888261	0.151522	17.6432	0.151522	35.08	-0.39718	5.869861	33.6905	0	15.6985	0.397179	0.067664	17.63675	0.067664
35.09	-0.88911	5.860744	33.754	0	19.45325	0.889111	0.151706	17.64625	0.151706	35.09	-0.39684	5.870955	33.6905	0	15.6985	0.396844	0.067519	17.63675	0.067519
35.1	-0.88941	5.860707	33.754	0	19.4501	0.889406	0.151757	17.6494	0.151757	35.1	-0.39622	5.873471	33.6913	0	15.6869	0.396219	0.067459	17.64835	0.067459
35.11	-0.88995	5.859978	33.754	0	19.44225	0.889449	0.151852	17.65675	0.151852	35.11	-0.39696	5.875477	33.6915	0	15.684	0.396957	0.067562	17.65125	0.067562
35.12	-0.88941	5.861	33.754	0	19.44275	0.889406	0.15175	17.65675	0.15175	35.12	-0.39666	5.877957	33.6918	0	15.68085	0.396662	0.067483	17.6544	0.067483
35.13	-0.88863	5.86202	33.7548	0	19.43115	0.888631	0.151591	17.66835	0.151591	35.13	-0.3964	5.880474	33.6925	0	15.6735	0.396404	0.06741	17.66175	0.06741
35.14	-0.88856																		

35.71	-0.88738	5.962929	33.771	0	19.1405	0.887375	0.148815	17.959	0.148815	35.71	-0.40043	5.972666	33.711	0	15.38075	0.400428	0.067044	17.9545	0.067044
35.72	-0.88756	5.966248	33.771	0	19.1405	0.88756	0.148764	17.959	0.148764	35.72	-0.40058	5.974744	33.712	0	15.37783	0.400576	0.067045	17.95743	0.067045
35.73	-0.88741	5.968727	33.7718	0	19.1285	0.887412	0.148677	17.971	0.148677	35.73	-0.39962	5.977553	33.7115	0	15.3731	0.399616	0.066853	17.96425	0.066853
35.74	-0.88871	5.972374	33.772	0	19.1255	0.888705	0.148803	17.974	0.148803	35.74	-0.40069	5.979084	33.7115	0	15.371	0.400687	0.067015	17.96425	0.067015
35.75	-0.88978	5.975	33.7723	0	19.12258	0.889775	0.148916	17.97693	0.148916	35.75	-0.40054	5.982366	33.7127	0	15.359	0.400539	0.066953	17.97625	0.066953
35.76	-0.89081	5.978428	33.773	0	19.11575	0.890809	0.149004	17.98375	0.149004	35.76	-0.4012	5.984446	33.713	0	15.356	0.401204	0.067041	17.97925	0.067041
35.77	-0.89029	5.980871	33.773	0	19.11575	0.890292	0.148857	17.98375	0.148857	35.77	-0.40054	5.987289	33.7132	0	15.35285	0.400539	0.066898	17.9824	0.066898
35.78	-0.89059	5.983971	33.7738	0	19.10335	0.890588	0.148829	17.99615	0.148829	35.78	-0.4018	5.989186	33.7135	0	15.3445	0.401795	0.067087	17.98975	0.067087
35.79	-0.89074	5.985831	33.774	0	19.10025	0.890736	0.148807	17.99925	0.148807	35.79	-0.40224	5.991265	33.7135	0	15.3445	0.402238	0.067137	17.98975	0.067137
35.8	-0.89199	5.988858	33.7743	0	19.09725	0.891991	0.148942	18.00225	0.148942	35.8	-0.40202	5.99225	33.7147	0	15.3335	0.402016	0.067089	18.00175	0.067089
35.81	-0.89144	5.99028	33.775	0	19.09025	0.891437	0.148814	18.00925	0.148814	35.81	-0.40095	5.994693	33.715	0	15.3305	0.400945	0.066883	18.00475	0.066883
35.82	-0.89107	5.993671	33.775	0	19.09025	0.891068	0.148668	18.00925	0.148668	35.82	-0.40109	5.99637	33.7151	0	15.32743	0.401093	0.066889	18.00783	0.066889
35.83	-0.8924	5.995641	33.7758	0	19.07785	0.892397	0.148841	18.02165	0.148841	35.83	-0.40065	5.999506	33.7155	0	15.32025	0.40065	0.066781	18.015	0.066781
35.84	-0.89384	5.998887	33.776	0	19.07475	0.893837	0.149001	18.02465	0.149001	35.84	-0.40072	6.001403	33.7155	0	15.32025	0.400724	0.066772	18.015	0.066772
35.85	-0.89365	6.001512	33.7763	0	19.07175	0.893653	0.148905	18.02775	0.148905	35.85	-0.40017	6.004138	33.7167	0	15.30865	0.40017	0.066649	18.0266	0.066649
35.86	-0.89476	6.005123	33.777	0	19.06475	0.89476	0.149	18.03475	0.149	35.86	-0.40047	6.006509	33.717	0	15.30575	0.400465	0.066672	18.0295	0.066672
35.87	-0.89568	6.006982	33.777	0	19.06475	0.895684	0.149107	18.03475	0.149107	35.87	-0.4001	6.009134	33.7172	0	15.3026	0.400096	0.066581	18.03265	0.066581
35.88	-0.89738	6.009609	33.7778	0	19.05255	0.897382	0.149325	18.04695	0.149325	35.88	-0.40017	6.010046	33.7175	0	15.29525	0.40017	0.066584	18.04	0.066584
35.89	-0.89738	6.009025	33.778	0	19.0495	0.897382	0.149339	18.05	0.149339	35.89	-0.4001	6.010666	33.7175	0	15.29525	0.400096	0.066564	18.04	0.066564
35.9	-0.89749	6.00928	33.778	0	19.04658	0.897493	0.149351	18.05293	0.149351	35.9	-0.40076	6.009098	33.7179	0	15.28305	0.400761	0.066692	18.0522	0.066692
35.91	-0.89808	6.007676	33.778	0	19.03975	0.898084	0.149489	18.05925	0.149489	35.91	-0.39951	6.008405	33.718	0	15.28	0.399505	0.066491	18.05525	0.066491
35.92	-0.89845	6.007056	33.778	0	19.03975	0.898453	0.149566	18.05975	0.149566	35.92	-0.39932	6.00618	33.7179	0	15.277	0.399321	0.066485	18.05825	0.066485
35.93	-0.89746	6.004722	33.7772	0	19.02755	0.897456	0.149458	18.07195	0.149458	35.93	-0.39674	6.005633	33.7175	0	15.27	0.396736	0.066061	18.06525	0.066061
35.94	-0.89786	6.002971	33.777	0	19.0245	0.897862	0.14957	18.075	0.14957	35.94	-0.39644	6.003335	33.7175	0	15.27	0.39644	0.066037	18.06525	0.066037
35.95	-0.8972	6.000091	33.7769	0	19.02158	0.897198	0.149531	18.07793	0.149531	35.95	-0.39629	6.003335	33.7179	0	15.2578	0.396293	0.066012	18.07745	0.066012
35.96	-0.89808	5.999397	33.7765	0	19.01475	0.898084	0.149696	18.08475	0.149696	35.96	-0.39677	6.003117	33.718	0	15.25475	0.396773	0.066094	18.0805	0.066094
35.97	-0.89827	5.99885	33.7765	0	19.01475	0.898269	0.14974	18.08475	0.14974	35.97	-0.39629	6.005378	33.7182	0	15.25183	0.396293	0.06599	18.08343	0.06599
35.98	-0.89694	5.999544	33.7769	0	19.00235	0.896939	0.149501	18.09715	0.149501	35.98	-0.39585	6.006363	33.7185	0	15.245	0.39585	0.065905	18.09025	0.065905
35.99	-0.89543	6.000273	33.777	0	18.99925	0.895425	0.149231	18.10025	0.149231	35.99	-0.39459	6.009208	33.7185	0	15.245	0.394594	0.065665	18.09025	0.065665
36	-0.89786	6.002315	33.7773	0	18.99618	0.897862	0.149586	18.10335	0.149586	36	-0.39522	6.011541	33.7193	0	15.2328	0.395222	0.065744	18.10245	0.065744
36.01	-0.89842	6.004211	33.778	0	18.989	0.898416	0.149631	18.1105	0.149631	36.01	-0.39559	6.014641	33.7195	0	15.22975	0.395591	0.065771	18.1055	0.065771
36.02	-0.89989	6.006618	33.778	0	18.989	0.899893	0.149817	18.1105	0.149817	36.02	-0.396	6.016939	33.7198	0	15.2266	0.395997	0.065814	18.10865	0.065814
36.03	-0.8993	6.009828	33.7788	0	18.9774	0.899302	0.149652	18.1221	0.149652	36.03	-0.39596	6.020002	33.7205	0	15.21925	0.39596	0.065774	18.116	0.065774
36.04	-0.89849	6.011359	33.779	0	18.9745	0.89849	0.149465	18.125	0.149465	36.04	-0.39655	6.022044	33.7205	0	15.21925	0.396551	0.06585	18.116	0.06585
36.05	-0.89816	6.014349	33.7793	0	18.97135	0.898158	0.149336	18.12815	0.149336	36.05	-0.39703	6.024889	33.7213	0	15.20725	0.397031	0.065899	18.128	0.065899
36.06	-0.89993	6.017449	33.78	0	18.964	0.89993	0.149553	18.1355	0.149553	36.06	-0.39729	6.02653	33.7215	0	15.20425	0.39729	0.065923	18.131	0.065923
36.07	-0.90009	6.020294	33.78	0	18.964	0.90009	0.149642	18.1355	0.149642	36.07	-0.39759	6.028536	33.7218	0	15.20133	0.397585	0.065951	18.13393	0.065951
36.08	-0.90181	6.023357	33.7808	0	18.952	0.901813	0.149719	18.1475	0.149719	36.08	-0.39766	6.030724	33.7225	0	15.1945	0.397659	0.065939	18.14075	0.065939
36.09	-0.9006	6.026822	33.781	0	18.949	0.900595	0.149431	18.1505	0.149431	36.09	-0.39736	6.032985	33.7225	0	15.1945	0.397364	0.065865	18.14075	0.065865
36.1	-0.90122	6.029922	33.7813	0	18.94593	0.901223	0.149458	18.15358	0.149458	36.1	-0.39847	6.034844	33.7233	0	15.1825	0.398471	0.066028	18.15275	0.066028
36.11	-0.9013	6.032584	33.782	0	18.93875	0.901296	0.149405	18.16075	0.149405	36.11	-0.40028	6.037665	33.7235	0	15.1795	0.400281	0.066297	18.15575	0.066297
36.12	-0.902	6.034662	33.782	0	18.93875	0.901998	0.14947	18.16075	0.14947	36.12	-0.40076	6.040023	33.7238	0	15.17635	0.400761	0.066351	18.1589	0.066351
36.13	-0.90204	6.037251	33.7828	0	18.92715	0.902035	0.149412	18.17235	0.149412	36.13	-0.40069	6.042868	33.7245	0	15.169	0.400687	0.066307	18.16625	0.066307
36.14	-0.90377	6.039586	33.783	0	18.92425	0.90377	0.149641	18.17525	0.149641	36.14	-0.40109	6.04502	33.7245	0	15.159	0.401093	0.066351	18.16625	0.066351
36.15	-0.90377	6.042934	33.7831	0	18.9211	0.90377	0.149572	18.1784	0.149572	36.15	-0.40239	6.048083	33.7257	0	15.157	0.402386	0.066331	18.17825	0.066331
36.16	-0.90484	6.045092	33.7835	0	18.91375	0.904841	0.149682	18.18575	0.149682	36.16	-0.40257	6.050271	33.726	0	15.154	0.40257	0.066538	18.18125	0.066538
36.17	-0.90444	6.048119	33.7835	0	18.91375	0.904435	0.14954	18.18575	0.14954	36.17	-0.40202	6.052423	33.7262	0	15.15108	0.402016	0.066422	18.18418	0.066422
36.18	-0.90473	6.051219	33.7847	0	18.90155	0.904731	0.149512	18.19795	0.149512	36.18	-0.40231	6.053772	33.7265	0	15.14425	0.402312	0.066456	18.191	0.066456
36.19	-0.90532	6.054355	33.785	0	18.8985	0.905321	0.149532	18.201	0.149532	36.19	-0.40257	6.056252	33.7265	0	15.14425	0.40257	0.066472	18.191	0.066472
36.2	-0.90636	6.056982	33.7853	0	18.8955	0.906355	0.149638	18.204	0.149638	36.2	-0.40349	6.058185	33.7273	0	15.13185	0.403493	0.066603	18.2034	0.066603
36.21	-0.90625	6.059643	33.786	0	18.8885	0.906245	0.149554	18.211	0.149554	36.21	-0.40353	6.060591	33.7275	0	15.12875	0.40353	0.066583	18.2065	0.066583
36.22	-0.90695	6.06154	33.786	0	18.8885	0.906946	0.149623	18.211	0.149623	36.22	-0.4046	6.062452	33.7278	0	15.1256	0.404601	0.066739	18.20958	0.066739
36.23	-0.90743	6.062634	33.7864	0	18														

36.8	-0.89786	6.147277	33.8008	0	18.59293	0.897862	0.146059	18.50658	0.146059	36.8	-0.42591	6.147386	33.7458	0	14.82925	0.425908	0.069283	18.506	0.069283
36.81	-0.89776	6.150632	33.8015	0	18.58575	0.897604	0.145937	18.51375	0.145937	36.81	-0.42698	6.149173	33.7466	0	14.82625	0.426978	0.069437	18.509	0.069437
36.82	-0.89676	6.152565	33.8015	0	18.58575	0.896755	0.145753	18.51375	0.145753	36.82	-0.42794	6.151143	33.7463	0	14.82325	0.427939	0.069571	18.512	0.069571
36.83	-0.89624	6.155738	33.8023	0	18.57355	0.896238	0.145594	18.52595	0.145594	36.83	-0.42835	6.153221	33.7477	0	14.81625	0.428345	0.069613	18.519	0.069613
36.84	-0.89513	6.157116	33.8025	0	18.57005	0.895133	0.14538	18.529	0.14538	36.84	-0.42794	6.155811	33.7477	0	14.81625	0.427939	0.069518	18.519	0.069518
36.85	-0.89579	6.160041	33.8027	0	18.56743	0.895794	0.14542	18.53208	0.14542	36.85	-0.42779	6.157889	33.7478	0	14.80385	0.427791	0.06947	18.5314	0.06947
36.86	-0.89598	6.162412	33.803	0	18.56025	0.895979	0.145394	18.53925	0.145394	36.86	-0.42919	6.160588	33.748	0	14.80075	0.429194	0.069688	18.5345	0.069688
36.87	-0.89587	6.165913	33.803	0	18.56025	0.895868	0.145294	18.53925	0.145294	36.87	-0.43003	6.163141	33.7483	0	14.79783	0.430002	0.069619	18.53743	0.069619
36.88	-0.89535	6.168393	33.8042	0	18.54865	0.895351	0.145151	18.55085	0.145151	36.88	-0.42919	6.165985	33.749	0	14.791	0.429194	0.069607	18.54425	0.069607
36.89	-0.89528	6.172002	33.8045	0	18.54575	0.895277	0.145055	18.55375	0.145055	36.89	-0.42779	6.168465	33.749	0	14.791	0.427791	0.069635	18.54425	0.069635
36.9	-0.89498	6.174446	33.8048	0	18.5426	0.894982	0.144949	18.5569	0.144949	36.9	-0.42609	6.171237	33.7498	0	14.779	0.426092	0.069045	18.55625	0.069045
36.91	-0.89506	6.177692	33.8055	0	18.53525	0.895056	0.144885	18.56425	0.144885	36.91	-0.42657	6.17317	33.75	0	14.776	0.426572	0.069101	18.55925	0.069101
36.92	-0.8938	6.17988	33.8055	0	18.53525	0.8938	0.144631	18.56425	0.144631	36.92	-0.42812	6.174592	33.7503	0	14.773	0.428123	0.069336	18.56225	0.069336
36.93	-0.8941	6.182031	33.8063	0	18.52305	0.894096	0.144628	18.57645	0.144628	36.93	-0.42971	6.176671	33.7501	0	14.766	0.429711	0.06957	18.56925	0.06957
36.94	-0.89524	6.181777	33.8065	0	18.52	0.89524	0.144819	18.5795	0.144819	36.94	-0.43034	6.178749	33.751	0	14.766	0.430339	0.069648	18.56925	0.069648
36.95	-0.89517	6.181594	33.8065	0	18.51708	0.895167	0.144812	18.58243	0.144812	36.95	-0.43078	6.181193	33.7518	0	14.7536	0.430782	0.069692	18.58165	0.069692
36.96	-0.89517	6.179843	33.8065	0	18.51025	0.895167	0.144853	18.58925	0.144853	36.96	-0.43038	6.183855	33.752	0	14.7505	0.430376	0.069597	18.58475	0.069597
36.97	-0.89454	6.179734	33.8065	0	18.51025	0.894539	0.144754	18.58925	0.144754	36.97	-0.43219	6.185861	33.7523	0	14.74743	0.432185	0.069867	18.58783	0.069867
36.98	-0.89229	6.17802	33.8061	0	18.49805	0.892286	0.144429	18.60145	0.144429	36.98	-0.43211	6.188705	33.751	0	14.74025	0.432111	0.069823	18.595	0.069823
36.99	-0.89266	6.17729	33.806	0	18.495	0.892656	0.144496	18.6045	0.144496	36.99	-0.43211	6.190857	33.753	0	14.74025	0.432111	0.069798	18.595	0.069798
37	-0.8941	6.176707	33.8062	0	18.492	0.894096	0.144753	18.6075	0.144753	37	-0.43137	6.192827	33.7538	0	14.72845	0.431373	0.069657	18.6068	0.069657
37.01	-0.89339	6.1774	33.8065	0	18.485	0.893394	0.144623	18.6145	0.144623	37.01	-0.43222	6.194212	33.754	0	14.7255	0.432222	0.069778	18.60975	0.069778
37.02	-0.89247	6.178749	33.8065	0	18.485	0.892471	0.144442	18.6145	0.144442	37.02	-0.43233	6.195853	33.7543	0	14.72243	0.432333	0.069778	18.61283	0.069778
37.03	-0.89125	6.181886	33.8069	0	18.4728	0.891253	0.144172	18.6267	0.144172	37.03	-0.43278	6.196364	33.755	0	14.71525	0.432776	0.069844	18.62	0.069844
37.04	-0.89085	6.183655	33.807	0	18.46975	0.890846	0.14406	18.62975	0.14406	37.04	-0.43244	6.195999	33.755	0	14.71525	0.432444	0.069794	18.62	0.069794
37.05	-0.89092	6.187501	33.8073	0	18.46683	0.89092	0.143987	18.63268	0.143987	37.05	-0.43337	6.194394	33.755	0	14.70325	0.433367	0.069961	18.632	0.069961
37.06	-0.89066	6.190054	33.808	0	18.46	0.890662	0.143886	18.6395	0.143886	37.06	-0.43259	6.193811	33.755	0	14.70025	0.432591	0.069843	18.638	0.069843
37.07	-0.89155	6.193482	33.808	0	18.46	0.891548	0.143949	18.6395	0.143949	37.07	-0.43296	6.191104	33.7549	0	14.69718	0.432961	0.069933	18.6308	0.069933
37.08	-0.89018	6.195889	33.8092	0	18.4478	0.890182	0.143673	18.6517	0.143673	37.08	-0.43248	6.190784	33.7545	0	14.69	0.43248	0.069859	18.64525	0.069859
37.09	-0.88974	6.199536	33.8095	0	18.44475	0.889739	0.143517	18.65475	0.143517	37.09	-0.43278	6.188961	33.7545	0	14.69	0.432776	0.069927	18.64525	0.069927
37.1	-0.89048	6.202308	33.8097	0	18.44168	0.890477	0.143572	18.65783	0.143572	37.1	-0.43215	6.188815	33.7545	0	14.6782	0.432148	0.069827	18.65705	0.069827
37.11	-0.89111	6.205408	33.81	0	18.4345	0.891105	0.143601	18.665	0.143601	37.11	-0.43196	6.187648	33.7545	0	14.67525	0.431964	0.069811	18.66	0.069811
37.12	-0.89022	6.207268	33.81	0	18.4345	0.890219	0.143416	18.665	0.143416	37.12	-0.43159	6.189106	33.7547	0	14.6721	0.431594	0.069735	18.66315	0.069735
37.13	-0.88992	6.210222	33.8108	0	18.4225	0.889923	0.1433	18.677	0.1433	37.13	-0.43244	6.190565	33.755	0	14.66475	0.432444	0.069855	18.6705	0.069855
37.14	-0.88907	6.212227	33.8117	0	18.4195	0.889074	0.143117	18.68	0.143117	37.14	-0.43178	6.193228	33.755	0	14.66475	0.431779	0.069718	18.6705	0.069718
37.15	-0.88978	6.215255	33.8113	0	18.41635	0.889775	0.14316	18.68315	0.14316	37.15	-0.43189	6.195306	33.7562	0	14.65255	0.43189	0.069712	18.6827	0.069712
37.16	-0.88922	6.217734	33.812	0	18.409	0.889222	0.143014	18.6905	0.143014	37.16	-0.43185	6.198698	33.7565	0	14.6495	0.431853	0.069676	18.68575	0.069676
37.17	-0.88978	6.221272	33.812	0	18.409	0.889775	0.143021	18.6905	0.143021	37.17	-0.43219	6.201105	33.7568	0	14.64658	0.432185	0.069695	18.68868	0.069695
37.18	-0.88834	6.223168	33.8128	0	18.397	0.888335	0.142746	18.7025	0.142746	37.18	-0.43241	6.203949	33.7575	0	14.63975	0.432407	0.069699	18.6955	0.069699
37.19	-0.888	6.224226	33.813	0	18.394	0.888003	0.142669	18.7055	0.142669	37.19	-0.43307	6.205699	33.7575	0	14.63975	0.433071	0.069786	18.6955	0.069786
37.2	-0.88767	6.22346	33.813	0	18.39108	0.887671	0.142633	18.70843	0.142633	37.2	-0.43355	6.208289	33.7583	0	14.62755	0.433551	0.069834	18.7077	0.069834
37.21	-0.88786	6.222657	33.813	0	18.38425	0.887855	0.142681	18.71525	0.142681	37.21	-0.43366	6.209565	33.7585	0	14.6245	0.433662	0.069838	18.71075	0.069838
37.22	-0.8876	6.221162	33.813	0	18.38425	0.887597	0.142674	18.71525	0.142674	37.22	-0.43355	6.212009	33.7587	0	14.62143	0.433551	0.069792	18.71383	0.069792
37.23	-0.88738	6.219886	33.8126	0	18.37185	0.887375	0.142667	18.72765	0.142667	37.23	-0.43333	6.214051	33.759	0	14.61425	0.43333	0.069734	18.721	0.069734
37.24	-0.88605	6.216896	33.8125	0	18.36875	0.886046	0.142522	18.73075	0.142522	37.24	-0.4334	6.217114	33.759	0	14.61425	0.433404	0.069711	18.721	0.069711
37.25	-0.88564	6.214671	33.8122	0	18.36575	0.88564	0.142508	18.73375	0.142508	37.25	-0.43326	6.218646	33.7602	0	14.60225	0.433256	0.06967	18.733	0.06967
37.26	-0.88427	6.212847	33.8115	0	18.35875	0.884273	0.14233	18.74075	0.14233	37.26	-0.43392	6.221745	33.7605	0	14.59925	0.433921	0.069743	18.736	0.069743
37.27	-0.88265	6.212556	33.8115	0	18.35875	0.882649	0.142075	18.74075	0.142075	37.27	-0.43422	6.223752	33.7608	0	14.5961	0.434216	0.069768	18.73915	0.069768
37.28	-0.88213	6.212045	33.8123	0	18.34675	0.882132	0.142003	18.75275	0.142003	37.28	-0.43348	6.226596	33.7615	0	14.58875	0.433477	0.069617	18.7465	0.069617
37.29	-0.88254	6.213686	33.8125	0	18.34375	0.882538	0.142031	18.7575	0.142031	37.29	-0.433	6.228274	33.7615	0	14.58875	0.432997	0.069621	18.7465	0.069621
37.3	-0.88331	6.215181	33.8126	0	18.34083	0.883313	0.142122	18.75868	0.142122	37.3	-0.43374	6.230498	33.7623	0	14.57675	0.433736	0.069651	18.7585	0.069651
37.31	-0.88435	6.218099	33.813	0	18.334	0.884347	0.142221	18.7655	0.142221	37.31	-0.43411	6.231811	33.7625	0	14.57375	0.434105	0.069666	18.7615	0.069666
37.32	-0.88313	6.220542	33.813																

37.89	-0.88896	6.326119	33.8305	0	18.0415	0.888963	0.140523	19.058	0.140523	37.89	-0.44123	6.335856	33.782	0	14.2865	0.441232	0.06964	19.04875	0.06964
37.9	-0.88882	6.324514	33.8304	0	18.03835	0.888815	0.140535	19.06115	0.140535	37.9	-0.44153	6.333996	33.782	0	14.2745	0.441527	0.069708	19.06075	0.069708
37.91	-0.88933	6.322763	33.83	0	18.031	0.889332	0.140656	19.0685	0.140656	37.91	-0.44156	6.332172	33.782	0	14.2715	0.441564	0.069733	19.06375	0.069733
37.92	-0.89099	6.322326	33.83	0	18.031	0.890994	0.140928	19.0685	0.140928	37.92	-0.44156	6.332075	33.781	0	14.2685	0.441564	0.069749	19.06675	0.069749
37.93	-0.88989	6.322253	33.8304	0	18.019	0.889886	0.140755	19.0805	0.140755	37.93	-0.44068	6.339109	33.781	0	14.2615	0.440678	0.069627	19.07375	0.069627
37.94	-0.88952	6.322508	33.8305	0	18.016	0.889517	0.140691	19.0835	0.140691	37.94	-0.44038	6.32725	33.781	0	14.2615	0.440383	0.069601	19.07375	0.069601
37.95	-0.88804	6.324222	33.8307	0	18.01308	0.88804	0.140419	19.08643	0.140419	37.95	-0.44049	6.32652	33.781	0	14.2493	0.440493	0.069627	19.08595	0.069627
37.96	-0.88778	6.326228	33.831	0	18.00625	0.887781	0.140333	19.09325	0.140333	37.96	-0.44049	6.325937	33.781	0	14.24625	0.440493	0.069633	19.089	0.069633
37.97	-0.88708	6.328416	33.831	0	18.00625	0.88708	0.140174	19.09325	0.140174	37.97	-0.44027	6.326119	33.7813	0	14.24318	0.440272	0.069596	19.09208	0.069596
37.98	-0.88546	6.331199	33.8322	0	17.99385	0.885455	0.139838	19.10565	0.139838	37.98	-0.44123	6.327468	33.782	0	14.236	0.441232	0.069733	19.09225	0.069733
37.99	-0.88498	6.334142	33.8325	0	17.99075	0.884975	0.139715	19.10875	0.139715	37.99	-0.44182	6.328927	33.782	0	14.236	0.441823	0.06981	19.09225	0.06981
38	-0.88594	6.337606	33.8326	0	17.98775	0.885935	0.13979	19.11175	0.13979	38	-0.44216	6.331297	33.7828	0	14.224	0.442155	0.069836	19.11125	0.069836
38.01	-0.88575	6.340342	33.833	0	17.98075	0.88575	0.139701	19.11875	0.139701	38.01	-0.4406	6.333157	33.783	0	14.221	0.440604	0.069571	19.11245	0.069571
38.02	-0.88505	6.343879	33.833	0	17.98075	0.885049	0.139512	19.11875	0.139512	38.02	-0.44083	6.335455	33.7831	0	14.21793	0.440826	0.069581	19.11733	0.069581
38.03	-0.88335	6.346432	33.8342	0	17.96875	0.88335	0.139188	19.13075	0.139188	38.03	-0.44112	6.338372	33.7835	0	14.21075	0.441121	0.069595	19.1245	0.069595
38.04	-0.88354	6.349021	33.8345	0	17.96575	0.883535	0.139161	19.13375	0.139161	38.04	-0.44264	6.341253	33.7835	0	14.21075	0.442635	0.069802	19.1245	0.069802
38.05	-0.88435	6.350844	33.8347	0	17.96283	0.884347	0.139249	19.13668	0.139249	38.05	-0.44282	6.344061	33.7847	0	14.19875	0.44282	0.069801	19.1365	0.069801
38.06	-0.88483	6.35409	33.835	0	17.956	0.884827	0.139253	19.1435	0.139253	38.06	-0.44411	6.347051	33.785	0	14.19575	0.444112	0.069971	19.1395	0.069971
38.07	-0.88542	6.356132	33.835	0	17.956	0.885418	0.139301	19.1435	0.139301	38.07	-0.44382	6.349495	33.7853	0	14.19283	0.443817	0.069898	19.14243	0.069898
38.08	-0.88715	6.359524	33.8362	0	17.9432	0.887154	0.1395	19.1563	0.1395	38.08	-0.44433	6.352048	33.786	0	14.186	0.444334	0.069951	19.14925	0.069951
38.09	-0.88708	6.362186	33.8365	0	17.94	0.88708	0.13943	19.1595	0.13943	38.09	-0.44474	6.354236	33.786	0	14.186	0.44474	0.069991	19.14925	0.069991
38.1	-0.88741	6.365942	33.8367	0	17.93708	0.887412	0.1394	19.16243	0.1394	38.1	-0.446	6.35606	33.7868	0	14.1736	0.445996	0.070169	19.16165	0.070169
38.11	-0.88738	6.368277	33.837	0	17.93025	0.887375	0.139343	19.16925	0.139343	38.11	-0.44666	6.358394	33.787	0	14.1705	0.44666	0.070247	19.16475	0.070247
38.12	-0.88804	6.371134	33.837	0	17.93025	0.88804	0.13938	19.16925	0.13938	38.12	-0.44899	6.360727	33.7872	0	14.1675	0.448987	0.070587	19.16775	0.070587
38.13	-0.88797	6.373673	33.8382	0	17.91845	0.887966	0.139318	19.18105	0.139318	38.13	-0.45072	6.363353	33.7875	0	14.1605	0.450722	0.070831	19.17475	0.070831
38.14	-0.88767	6.376482	33.8385	0	17.9155	0.887671	0.13921	19.184	0.13921	38.14	-0.4519	6.366197	33.7875	0	14.1605	0.451904	0.070985	19.17475	0.070985
38.15	-0.88808	6.377758	33.8386	0	17.91235	0.888077	0.139246	19.18715	0.139246	38.15	-0.45246	6.36937	33.7887	0	14.1485	0.452458	0.071036	19.18675	0.071036
38.16	-0.88963	6.380931	33.839	0	17.905	0.889628	0.13942	19.1945	0.13942	38.16	-0.45386	6.372106	33.789	0	14.1455	0.453861	0.071226	19.18975	0.071226
38.17	-0.89074	6.382864	33.839	0	17.905	0.890736	0.139551	19.1945	0.139551	38.17	-0.45453	6.374549	33.7893	0	14.14258	0.454525	0.071303	19.19268	0.071303
38.18	-0.89055	6.38589	33.8402	0	17.8928	0.890551	0.139456	19.2067	0.139456	38.18	-0.45582	6.377466	33.793	0	14.13575	0.455818	0.071473	19.1995	0.071473
38.19	-0.89	6.387714	33.8405	0	17.88975	0.88997	0.139329	19.20975	0.139329	38.19	-0.45423	6.379728	33.79	0	14.13575	0.45423	0.071199	19.1995	0.071199
38.2	-0.89081	6.391616	33.8407	0	17.88683	0.890809	0.139372	19.21268	0.139372	38.2	-0.45508	6.381259	33.7908	0	14.12995	0.455079	0.071315	19.2123	0.071315
38.21	-0.89099	6.393586	33.841	0	17.88	0.890994	0.139357	19.2195	0.139357	38.21	-0.45611	6.383192	33.791	0	14.11975	0.456113	0.071455	19.2155	0.071455
38.22	-0.89203	6.396758	33.8418	0	17.88	0.892028	0.13945	19.2195	0.13945	38.22	-0.45682	6.385745	33.7911	0	14.11683	0.456815	0.071537	19.21843	0.071537
38.23	-0.89133	6.39818	33.8418	0	17.8678	0.891326	0.139309	19.2195	0.139309	38.23	-0.4556	6.388261	33.7915	0	14.11	0.455596	0.071318	19.22525	0.071318
38.24	-0.89114	6.399639	33.842	0	17.86475	0.891142	0.139249	19.23475	0.139249	38.24	-0.45707	6.390887	33.7915	0	14.11	0.457073	0.07152	19.22525	0.07152
38.25	-0.89066	6.3988	33.8422	0	17.86168	0.890662	0.139192	19.23783	0.139192	38.25	-0.45726	6.393852	33.7927	0	14.0978	0.457258	0.071519	19.23745	0.071519
38.26	-0.8914	6.398363	33.8425	0	17.8545	0.8914	0.139317	19.245	0.139317	38.26	-0.45807	6.396175	33.7933	0	14.09475	0.45807	0.071616	19.2405	0.071616
38.27	-0.8907	6.396977	33.8425	0	17.8545	0.890699	0.139237	19.245	0.139237	38.27	-0.45826	6.398436	33.7933	0	14.09175	0.458255	0.07162	19.2435	0.07162
38.28	-0.8907	6.396612	33.8421	0	17.8425	0.890699	0.139245	19.257	0.139245	38.28	-0.45947	6.400879	33.794	0	14.08475	0.459474	0.071783	19.2505	0.071783
38.29	-0.88986	6.39446	33.842	0	17.8395	0.889863	0.139021	19.26	0.139021	38.29	-0.45984	6.402922	33.794	0	14.08475	0.459843	0.071818	19.2505	0.071818
38.3	-0.88904	6.393841	33.842	0	17.83658	0.889037	0.139046	19.26293	0.139046	38.3	-0.46132	6.404599	33.7948	0	14.07255	0.46132	0.072029	19.2627	0.072029
38.31	-0.88896	6.392127	33.842	0	17.82975	0.888963	0.139072	19.26975	0.139072	38.31	-0.46121	6.406714	33.795	0	14.0695	0.461209	0.071988	19.26575	0.071988
38.32	-0.88944	6.392127	33.842	0	17.82975	0.889443	0.139147	19.26975	0.139147	38.32	-0.4621	6.408355	33.7952	0	14.06658	0.462095	0.072108	19.26868	0.072108
38.33	-0.88937	6.392125	33.8424	0	17.81755	0.889369	0.139155	19.28195	0.139155	38.33	-0.46309	6.411236	33.7955	0	14.05975	0.463092	0.072231	19.2755	0.072231
38.34	-0.88883	6.392929	33.8425	0	17.8145	0.888298	0.13895	19.285	0.13895	38.34	-0.46431	6.413352	33.7955	0	14.05975	0.464311	0.072398	19.2755	0.072398
38.35	-0.88741	6.39457	33.8427	0	17.81143	0.887412	0.138776	19.28808	0.138776	38.35	-0.46501	6.416159	33.7967	0	14.04755	0.465013	0.072475	19.2877	0.072475
38.36	-0.88978	6.397195	33.843	0	17.80425	0.889775	0.139088	19.29525	0.139088	38.36	-0.46623	6.418274	33.797	0	14.0445	0.466231	0.072641	19.29075	0.072641
38.37	-0.89085	6.399894	33.843	0	17.80425	0.890846	0.139197	19.29525	0.139197	38.37	-0.46619	6.420937	33.7973	0	14.04143	0.466194	0.072605	19.29383	0.072605
38.38	-0.89159	6.403432	33.8442	0	17.79225	0.891585	0.139235	19.30725	0.139235	38.38	-0.46682	6.422208	33.798	0	14.03425	0.466822	0.07269	19.301	0.07269
38.39	-0.89026	6.406386	33.8445	0	17.78925	0.890255	0.138964	19.31025	0.138964	38.39	-0.46664	6.425514	33.798	0	14.03425	0.466637	0.072656	19.301	0.072656
38.4	-0.8904	6.410069	33.8447	0	17.7861	0.890403	0.138907	19.3134	0.138907	38.4	-0.46797	6.421156	33.798	0	14.02225	0.467967	0.072879	19.313	0.072879
38.41	-0.89103	6.412549	33.845	0	17.77875	0.891031	0.138951	19.32075	0.138951	38.41	-0.46								

38.98	-0.91773	6.504012	33.8612	0	17.4893	0.917729	0.141102	19.6102	0.141102	38.98	-0.48252	6.503064	33.8145	0	13.73225	0.482516	0.074198	19.603	0.074198
38.99	-0.91976	6.50733	33.8615	0	17.48625	0.91976	0.141342	19.61325	0.141342	38.99	-0.48385	6.50558	33.8145	0	13.73225	0.483845	0.074374	19.603	0.074374
39	-0.92105	6.509665	33.8618	0	17.48318	0.921052	0.14149	19.61633	0.14149	39	-0.48514	6.507258	33.8153	0	13.71985	0.485137	0.074553	19.6154	0.074553
39.01	-0.92179	6.511229	33.8625	0	17.476	0.921791	0.141546	19.6235	0.141546	39.01	-0.48554	6.510175	33.8155	0	13.71675	0.485544	0.074582	19.6185	0.074582
39.02	-0.92305	6.514223	33.8625	0	17.476	0.923046	0.141697	19.6235	0.141697	39.02	-0.48517	6.512108	33.8158	0	13.71383	0.485174	0.074503	19.62143	0.074503
39.03	-0.92467	6.517177	33.8633	0	17.464	0.924671	0.141882	19.6355	0.141882	39.03	-0.48517	6.514552	33.8165	0	13.707	0.485174	0.074475	19.62825	0.074475
39.04	-0.92537	6.519767	33.8635	0	17.461	0.925372	0.141933	19.6385	0.141933	39.04	-0.48444	6.517469	33.8165	0	13.707	0.484399	0.074323	19.62825	0.074323
39.05	-0.926	6.522632	33.8637	0	17.45793	0.926	0.141945	19.64158	0.141945	39.05	-0.48551	6.520132	33.8173	0	13.6948	0.485507	0.074463	19.64045	0.074463
39.06	-0.92788	6.525893	33.864	0	17.45075	0.927883	0.142185	19.64875	0.142185	39.06	-0.48684	6.522283	33.8175	0	13.69175	0.486836	0.074642	19.6435	0.074642
39.07	-0.92925	6.529503	33.864	0	17.45075	0.92925	0.142316	19.64875	0.142316	39.07	-0.48809	6.524835	33.8178	0	13.68883	0.488091	0.074805	19.64643	0.074805
39.08	-0.92825	6.532238	33.8652	0	17.43915	0.928253	0.142103	19.66035	0.142103	39.08	-0.48798	6.526294	33.8185	0	13.682	0.487981	0.074771	19.65325	0.074771
39.09	-0.9291	6.535266	33.8655	0	17.43625	0.929102	0.142167	19.66325	0.142167	39.09	-0.48754	6.528628	33.8185	0	13.682	0.487538	0.074677	19.65325	0.074677
39.1	-0.93054	6.537709	33.8658	0	17.43318	0.930542	0.142335	19.66633	0.142335	39.1	-0.4888	6.530561	33.8193	0	13.6698	0.488799	0.074542	19.66545	0.074542
39.11	-0.93316	6.540371	33.8665	0	17.426	0.933164	0.142678	19.6735	0.142678	39.11	-0.48798	6.53315	33.8195	0	13.66675	0.487981	0.074693	19.6685	0.074693
39.12	-0.93398	6.542267	33.8665	0	17.426	0.933976	0.14276	19.6735	0.14276	39.12	-0.48935	6.535302	33.8197	0	13.66375	0.489347	0.074877	19.6715	0.074877
39.13	-0.93387	6.544273	33.8669	0	17.4138	0.933865	0.1427	19.6857	0.1427	39.13	-0.49034	6.538292	33.82	0	13.65675	0.490344	0.074996	19.6785	0.074996
39.14	-0.93446	6.544273	33.867	0	17.41075	0.934465	0.14279	19.68875	0.14279	39.14	-0.49127	6.540334	33.82	0	13.65675	0.491267	0.075113	19.6785	0.075113
39.15	-0.93649	6.544164	33.867	0	17.40768	0.936487	0.143103	19.69183	0.143103	39.15	-0.49153	6.543033	33.8212	0	13.64455	0.491526	0.075122	19.6907	0.075122
39.16	-0.9373	6.542924	33.867	0	17.4005	0.9373	0.143254	19.699	0.143254	39.16	-0.49079	6.545185	33.8215	0	13.6415	0.490787	0.074984	19.69375	0.074984
39.17	-0.93767	6.541903	33.867	0	17.4005	0.937669	0.143333	19.699	0.143333	39.17	-0.49009	6.547373	33.8218	0	13.63835	0.490085	0.074852	19.6969	0.074852
39.18	-0.93737	6.540226	33.867	0	17.3885	0.937373	0.143324	19.711	0.143324	39.18	-0.4902	6.548868	33.8225	0	13.631	0.490196	0.074852	19.70425	0.074852
39.19	-0.93811	6.539569	33.867	0	17.3855	0.938112	0.143452	19.714	0.143452	39.19	-0.49212	6.55113	33.8225	0	13.631	0.492116	0.075119	19.70425	0.075119
39.2	-0.93885	6.538329	33.867	0	17.3825	0.93885	0.143592	19.717	0.143592	39.2	-0.49293	6.552406	33.8233	0	13.6194	0.492929	0.075229	19.71585	0.075229
39.21	-0.94007	6.539168	33.867	0	17.3755	0.940069	0.14376	19.724	0.14376	39.21	-0.49345	6.555396	33.8235	0	13.6165	0.493446	0.075273	19.71875	0.075273
39.22	-0.94073	6.541101	33.867	0	17.3755	0.940734	0.143819	19.724	0.143819	39.22	-0.49311	6.557183	33.8237	0	13.61343	0.493113	0.075202	19.72183	0.075202
39.23	-0.94033	6.544419	33.8678	0	17.3633	0.940327	0.143684	19.7364	0.143684	39.23	-0.49304	6.559991	33.824	0	13.60625	0.49304	0.075159	19.729	0.075159
39.24	-0.93937	6.546972	33.868	0	17.36025	0.939367	0.143481	19.73925	0.143481	39.24	-0.49263	6.562253	33.824	0	13.60625	0.492633	0.075071	19.729	0.075071
39.25	-0.94096	6.550582	33.8683	0	17.35725	0.940955	0.143645	19.74225	0.143645	39.25	-0.493	6.565389	33.8252	0	13.59425	0.493003	0.075091	19.741	0.075091
39.26	-0.94199	6.553427	33.869	0	17.35025	0.941989	0.14374	19.74925	0.14374	39.26	-0.49311	6.567139	33.8255	0	13.59125	0.493113	0.075088	19.744	0.075088
39.27	-0.9431	6.557183	33.869	0	17.35025	0.943097	0.143827	19.74925	0.143827	39.27	-0.49452	6.569187	33.8258	0	13.5881	0.494517	0.07527	19.74715	0.07527
39.28	-0.9428	6.559517	33.8702	0	17.33825	0.942802	0.14373	19.76125	0.14373	39.28	-0.49452	6.569911	33.8265	0	13.58075	0.494517	0.07527	19.7545	0.07527
39.29	-0.94302	6.562471	33.8705	0	17.33525	0.943023	0.143699	19.76425	0.143699	39.29	-0.49537	6.569911	33.8265	0	13.58075	0.495366	0.075399	19.7545	0.075399
39.3	-0.94421	6.564623	33.8707	0	17.3321	0.944205	0.143832	19.7674	0.143832	39.3	-0.49529	6.568196	33.8265	0	13.56875	0.495292	0.075408	19.7665	0.075408
39.31	-0.94498	6.567394	33.871	0	17.32475	0.94498	0.14389	19.77475	0.14389	39.31	-0.49629	6.567285	33.8265	0	13.56575	0.496289	0.07557	19.7695	0.07557
39.32	-0.94465	6.569437	33.871	0	17.32475	0.944648	0.143794	19.77475	0.143794	39.32	-0.49607	6.565461	33.8264	0	13.56283	0.496068	0.075557	19.77243	0.075557
39.33	-0.94572	6.573047	33.8722	0	17.31255	0.945719	0.143878	19.78695	0.143878	39.33	-0.49633	6.564623	33.826	0	13.556	0.496326	0.075606	19.77925	0.075606
39.34	-0.94705	6.575344	33.8725	0	17.3095	0.947048	0.14403	19.79	0.14403	39.34	-0.49548	6.562872	33.826	0	13.556	0.495477	0.075497	19.77925	0.075497
39.35	-0.94731	6.578882	33.8727	0	17.30658	0.947307	0.143992	19.79293	0.143992	39.35	-0.49526	6.562872	33.8264	0	13.5436	0.495255	0.075463	19.79165	0.075463
39.36	-0.94731	6.58096	33.873	0	17.29975	0.947307	0.143947	19.79975	0.143947	39.36	-0.49448	6.563164	33.8265	0	13.5405	0.49448	0.075342	19.79475	0.075342
39.37	-0.94878	6.58479	33.873	0	17.29975	0.948784	0.144087	19.79975	0.144087	39.37	-0.495	6.565461	33.8267	0	13.5375	0.494997	0.075394	19.79775	0.075394
39.38	-0.94952	6.585884	33.8738	0	17.28755	0.949522	0.144175	19.81195	0.144175	39.38	-0.49459	6.567139	33.827	0	13.5305	0.49459	0.075313	19.80475	0.075313
39.39	-0.95037	6.587014	33.874	0	17.2845	0.950371	0.14428	19.815	0.14428	39.39	-0.49618	6.570239	33.827	0	13.5305	0.496178	0.075519	19.80475	0.075519
39.4	-0.94963	6.585775	33.874	0	17.2815	0.949633	0.144195	19.818	0.144195	39.4	-0.49625	6.57312	33.8282	0	13.5185	0.496252	0.075497	19.81675	0.075497
39.41	-0.94967	6.585337	33.874	0	17.2745	0.94967	0.14421	19.825	0.14421	39.41	-0.49684	6.576147	33.8285	0	13.5155	0.496843	0.075552	19.81975	0.075552
39.42	-0.95026	6.583294	33.874	0	17.2745	0.950261	0.144344	19.825	0.144344	39.42	-0.49699	6.579028	33.8288	0	13.51258	0.496991	0.075542	19.82268	0.075542
39.43	-0.95159	6.58304	33.874	0	17.2623	0.95159	0.144552	19.8372	0.144552	39.43	-0.49895	6.58231	33.8295	0	13.50575	0.498948	0.075801	19.8295	0.075801
39.44	-0.9527	6.58096	33.874	0	17.25925	0.952698	0.144766	19.84025	0.144766	39.44	-0.49983	6.584644	33.8295	0	13.50575	0.499834	0.075909	19.8295	0.075909
39.45	-0.95351	6.581361	33.874	0	17.25633	0.95351	0.14488	19.84318	0.14488	39.45	-0.49976	6.58716	33.8303	0	13.49335	0.49976	0.075869	19.8419	0.075869
39.46	-0.95222	6.581763	33.874	0	17.2495	0.952218	0.144675	19.85	0.144675	39.46	-0.49935	6.589166	33.8305	0	13.49025	0.499354	0.075784	19.845	0.075784
39.47	-0.952	6.584206	33.874	0	17.2495	0.951996	0.144588	19.85	0.144588	39.47	-0.49954	6.591427	33.8307	0	13.48718	0.499539	0.075786	19.84808	0.075786
39.48	-0.95178	6.585884	33.8748	0	17.2373	0.951775	0.144517	19.8622	0.144517	39.48	-0.50009	6.593943	33.831	0	13.48	0.500093	0.075841	19.8525	0.075841
39.49	-0.9531	6.589239	33.875	0	17.23425	0.953104	0.144646	19.86525	0.144646	39.49	-0.50035	6.596277	33.831	0	13.48	0.500351	0.075854	19.85525	0.075854
39.5	-0.95377	6.591318	33.8753	0	17.23118	0.953769	0.												

40.07	-1.00151	6.686391	33.8915	0.1694675	1.001514	0.149784	20.15275	0.149784	40.07	-0.51121	6.697258	33.8498	0.1318493	0.511207	0.076331	20.15033	0.076331
40.08	-1.00089	6.6896	33.8927	0.1693455	1.000887	0.149618	20.16495	0.149618	40.08	-0.51147	6.699921	33.8505	0.1317775	0.511466	0.076339	20.1575	0.076339
40.09	-1.00151	6.691825	33.893	0.169315	1.001514	0.149662	20.168	0.149662	40.09	-0.51161	6.70116	33.8505	0.1317775	0.511613	0.076347	20.1575	0.076347
40.1	-1.00144	6.695289	33.8932	0.169285	1.00144	0.149574	20.171	0.149574	40.1	-0.51287	6.703239	33.8513	0.1316555	0.512869	0.076511	20.1697	0.076511
40.11	-1.00277	6.698024	33.8935	0.169215	1.00277	0.149711	20.178	0.149711	40.11	-0.51387	6.7051	33.8515	0.131625	0.513866	0.076638	20.17275	0.076638
40.12	-1.0038	6.700687	33.8935	0.169215	1.003804	0.149806	20.178	0.149806	40.12	-0.51538	6.707835	33.8518	0.131595	0.51538	0.076833	20.17575	0.076833
40.13	-1.00436	6.703203	33.8947	0.169095	1.004358	0.149832	20.19	0.149832	40.13	-0.51641	6.70995	33.8525	0.131525	0.516414	0.076962	20.18275	0.076962
40.14	-1.00065	6.705245	33.895	0.169065	1.006499	0.150106	20.193	0.150106	40.14	-0.51737	6.71305	33.8525	0.131525	0.517374	0.07707	20.18275	0.07707
40.15	-1.00761	6.707434	33.8951	0.169035	1.007607	0.150222	20.196	0.150222	40.15	-0.51804	6.713852	33.8533	0.131403	0.518039	0.07716	20.19495	0.07716
40.16	-1.00683	6.710022	33.8955	0.168965	1.006832	0.150049	20.203	0.150049	40.16	-0.51841	6.714107	33.8535	0.1313725	0.518408	0.077212	20.198	0.077212
40.17	-1.00665	6.712648	33.8955	0.168965	1.006647	0.149963	20.203	0.149963	40.17	-0.51808	6.712247	33.8534	0.1313433	0.518076	0.077184	20.20093	0.077184
40.18	-1.00812	6.714946	33.8967	0.168841	1.008124	0.150131	20.2154	0.150131	40.18	-0.51782	6.710606	33.8533	0.131275	0.517817	0.077164	20.20775	0.077164
40.19	-1.00897	6.717353	33.897	0.16881	1.008973	0.150204	20.2185	0.150204	40.19	-0.51667	6.709257	33.853	0.131275	0.516672	0.077009	20.20775	0.077009
40.2	-1.0092	6.720161	33.8972	0.1687808	1.009195	0.150174	20.22143	0.150174	40.2	-0.51682	6.707762	33.8526	0.131153	0.51682	0.077048	20.21995	0.077048
40.21	-1.01027	6.722641	33.8975	0.1687125	1.010266	0.150278	20.22825	0.150278	40.21	-0.51774	6.706522	33.8525	0.1311225	0.517743	0.0772	20.223	0.0772
40.22	-1.01112	6.724683	33.8975	0.1687125	1.011115	0.150359	20.22825	0.150359	40.22	-0.51859	6.705902	33.8526	0.1310918	0.518593	0.077334	20.22608	0.077334
40.23	-1.01019	6.726616	33.8983	0.1685925	1.010192	0.150178	20.24025	0.150178	40.23	-0.51937	6.705574	33.853	0.13102	0.519368	0.077453	20.23325	0.077453
40.24	-1.01004	6.727053	33.8985	0.1685625	1.010044	0.150147	20.24325	0.150147	40.24	-0.51893	6.707251	33.853	0.13102	0.518925	0.077368	20.23325	0.077368
40.25	-1.0103	6.726251	33.8985	0.1685318	1.010303	0.150203	20.24633	0.150203	40.25	-0.51845	6.709731	33.8538	0.130896	0.518445	0.077268	20.24565	0.077268
40.26	-1.01182	6.724792	33.8985	0.16846	1.011817	0.150461	20.2535	0.150461	40.26	-0.51833	6.712174	33.854	0.130865	0.518334	0.077223	20.24875	0.077223
40.27	-1.01259	6.723406	33.8985	0.16846	1.012592	0.150607	20.2535	0.150607	40.27	-0.51789	6.71418	33.8543	0.1308358	0.517891	0.077134	20.25168	0.077134
40.28	-1.01344	6.722604	33.8985	0.168338	1.013441	0.150751	20.2657	0.150751	40.28	-0.51878	6.716587	33.855	0.1307675	0.518777	0.077238	20.2585	0.077238
40.29	-1.01267	6.721656	33.8985	0.1683075	1.012666	0.150657	20.26875	0.150657	40.29	-0.51985	6.718812	33.855	0.1307675	0.519848	0.077372	20.2585	0.077372
40.3	-1.013	6.721656	33.8987	0.1682768	1.012998	0.150707	20.27183	0.150707	40.3	-0.5204	6.721474	33.8558	0.1307645	0.520402	0.077424	20.2707	0.077424
40.31	-1.01407	6.723151	33.899	0.168205	1.014069	0.150832	20.279	0.150832	40.31	-0.52066	6.723588	33.856	0.130615	0.52066	0.077473	20.27375	0.077473
40.32	-1.01562	6.725412	33.899	0.168205	1.015622	0.151012	20.279	0.151012	40.32	-0.52284	6.726361	33.8563	0.1305858	0.522839	0.077733	20.27668	0.077733
40.33	-1.0161	6.727299	33.8998	0.168089	1.0161	0.151027	20.2906	0.151027	40.33	-0.52402	6.729203	33.857	0.1305175	0.524021	0.077875	20.2835	0.077875
40.34	-1.01625	6.730773	33.9	0.16806	1.016248	0.150985	20.2935	0.150985	40.34	-0.52494	6.732597	33.857	0.1305175	0.524944	0.07797	20.2835	0.07797
40.35	-1.01758	6.73391	33.9003	0.1680285	1.017577	0.151112	20.29665	0.151112	40.35	-0.52472	6.734347	33.8578	0.1303955	0.524722	0.077917	20.2957	0.077917
40.36	-1.01854	6.736681	33.901	0.167955	1.018537	0.151193	20.304	0.151193	40.36	-0.52494	6.737228	33.858	0.130365	0.524944	0.077917	20.29875	0.077917
40.37	-1.01968	6.739098	33.901	0.167955	1.019682	0.151309	20.304	0.151309	40.37	-0.52439	6.73865	33.8583	0.130335	0.52439	0.077818	20.30175	0.077818
40.38	-1.02042	6.742407	33.9018	0.167833	1.020421	0.151344	20.3162	0.151344	40.38	-0.52542	6.741313	33.859	0.130265	0.525424	0.077941	20.30875	0.077941
40.39	-1.02097	6.744558	33.902	0.1678025	1.020974	0.151378	20.31925	0.151378	40.39	-0.52638	6.742662	33.859	0.130265	0.526384	0.078068	20.30875	0.078068
40.4	-1.02278	6.746856	33.9023	0.1677725	1.022784	0.151594	20.32225	0.151594	40.4	-0.52605	6.745798	33.8598	0.130143	0.526052	0.077982	20.32095	0.077982
40.41	-1.02485	6.748569	33.903	0.1677025	1.024852	0.151862	20.32925	0.151862	40.41	-0.52528	6.747476	33.86	0.1301125	0.525276	0.077848	20.324	0.077848
40.42	-1.02611	6.751159	33.903	0.1677025	1.026107	0.15199	20.32925	0.15199	40.42	-0.52638	6.751232	33.8601	0.130081	0.526384	0.077969	20.32715	0.077969
40.43	-1.02596	6.753493	33.9038	0.1675805	1.025959	0.151915	20.34145	0.151915	40.43	-0.52679	6.753493	33.8605	0.1300075	0.52679	0.078003	20.3345	0.078003
40.44	-1.02651	6.756593	33.904	0.16755	1.026513	0.151928	20.3445	0.151928	40.44	-0.52771	6.757067	33.8605	0.1300075	0.527713	0.078098	20.3345	0.078098
40.45	-1.02685	6.758927	33.9043	0.1675208	1.026846	0.151924	20.34743	0.151924	40.45	-0.52661	6.759307	33.8617	0.1298915	0.526606	0.077911	20.3461	0.077911
40.46	-1.02836	6.76199	33.905	0.1674525	1.02836	0.152079	20.35425	0.152079	40.46	-0.52738	6.762027	33.862	0.1298625	0.527381	0.077992	20.349	0.077992
40.47	-1.02928	6.764543	33.905	0.1674525	1.029283	0.152159	20.35425	0.152159	40.47	-0.52738	6.763303	33.8622	0.1298318	0.527381	0.077977	20.35208	0.077977
40.48	-1.03061	6.767533	33.9058	0.1673305	1.030612	0.152288	20.36645	0.152288	40.48	-0.52871	6.766148	33.8625	0.12976	0.52871	0.078141	20.35925	0.078141
40.49	-1.03024	6.769466	33.906	0.1673	1.030243	0.15219	20.3695	0.15219	40.49	-0.52801	6.767679	33.8625	0.12976	0.528009	0.078019	20.35925	0.078019
40.5	-1.03006	6.771472	33.9063	0.16727	1.030058	0.152117	20.3725	0.152117	40.5	-0.52805	6.770767	33.8637	0.12964	0.528046	0.07799	20.37125	0.07799
40.51	-1.02991	6.770961	33.907	0.1672	1.029911	0.152107	20.3795	0.152107	40.51	-0.52749	6.772724	33.864	0.12961	0.527492	0.07789	20.37425	0.07789
40.52	-1.03058	6.770743	33.907	0.1672	1.030575	0.15221	20.3795	0.15221	40.52	-0.52808	6.775958	33.8642	0.1295785	0.528083	0.078033	20.3774	0.078033
40.53	-1.03005	6.768555	33.9066	0.167078	1.030051	0.152248	20.3917	0.152248	40.53	-0.52746	6.776432	33.8645	0.129505	0.527455	0.077837	20.38475	0.077837
40.54	-1.03198	6.767533	33.9065	0.1670475	1.031978	0.15249	20.39475	0.15249	40.54	-0.52904	6.777052	33.8645	0.129505	0.529043	0.078064	20.38475	0.078064
40.55	-1.03264	6.76571	33.9065	0.1670168	1.032643	0.152629	20.39783	0.152629	40.55	-0.52901	6.774973	33.8649	0.129385	0.529006	0.078082	20.39675	0.078082
40.56	-1.03301	6.765637	33.9065	0.166945	1.033012	0.152685	20.405	0.152685	40.56	-0.52978	6.774243	33.865	0.129355	0.529781	0.078205	20.39975	0.078205
40.57	-1.03268	6.763449	33.9065	0.166945	1.03268	0.152685	20.405	0.152685	40.57	-0.52986	6.771618	33.8649	0.1293258	0.529855	0.078246	20.40268	0.078246
40.58	-1.03357	6.764579	33.9069	0.166827	1.033566	0.152791	20.4168	0.152791	40.58	-0.52912	6.771071	33.8645	0.1292575	0.529117	0.078144	20.4095	0.078144
40.59	-1.03408	6.7652	33.907	0.1667975	1.034083	0.152853	20.41975	0.152853	40.59	-0.52878	6.769539	33.8645	0.1292575	0.528784	0.078112	20.4095	0.078112
40.6	-1.03552	6.768226	33.9073	0.166766	1.035523	0.152998	20.4229	0.152998	40.6	-0.5303	6.769443	33.8645	0.1291335	0.530298	0.078337	20.4219	0.078337
40.61	-1.03523	6.770159	33.908	0.1666925	1.035228	0.15291	20.43025	0.15291	40.61	-							

41.16	-1.05029	6.878142	33.926	0	16.392	1.050294	0.1527	20.7075	0.1527	41.16	-0.53857	6.875808	33.8835	0	12.63275	0.53857	0.078328	20.7025	0.078328
41.17	-1.05018	6.87734	33.926	0	16.392	1.050183	0.152702	20.7075	0.152702	41.17	-0.53805	6.874751	33.8835	0	12.62968	0.538053	0.078265	20.70558	0.078265
41.18	-1.04915	6.876283	33.9256	0	16.3798	1.049149	0.152575	20.7197	0.152575	41.18	-0.53701	6.872927	33.8835	0	12.6225	0.537314	0.078178	20.71275	0.078178
41.19	-1.04845	6.874423	33.9255	0	16.37675	1.048448	0.152514	20.72275	0.152514	41.19	-0.53698	6.871651	33.8835	0	12.6225	0.536982	0.078145	20.71275	0.078145
41.2	-1.04834	6.873073	33.9254	0	16.37375	1.048337	0.152528	20.72575	0.152528	41.2	-0.5368	6.869628	33.8831	0	12.6107	0.536797	0.078145	20.72455	0.078145
41.21	-1.04782	6.871724	33.925	0	16.36675	1.04782	0.152483	20.73275	0.152483	41.21	-0.53772	6.868515	33.883	0	12.60775	0.53772	0.078288	20.7275	0.078288
41.22	-1.04852	6.870849	33.925	0	16.36675	1.048521	0.152604	20.73275	0.152604	41.22	-0.53783	6.867129	33.883	0	12.60468	0.537831	0.07832	20.73058	0.07832
41.23	-1.0476	6.871505	33.9258	0	16.35475	1.047598	0.152455	20.74475	0.152455	41.23	-0.53783	6.867202	33.883	0	12.5975	0.537831	0.078319	20.73775	0.078319
41.24	-1.04878	6.873329	33.926	0	16.35175	1.04878	0.152587	20.74775	0.152587	41.24	-0.53724	6.867275	33.883	0	12.5975	0.53724	0.078232	20.73775	0.078232
41.25	-1.04848	6.875115	33.9263	0	16.34883	1.048484	0.152504	20.75068	0.152504	41.25	-0.53724	6.870338	33.8842	0	12.5855	0.53724	0.078197	20.74975	0.078197
41.26	-1.04952	6.877668	33.927	0	16.342	1.049518	0.152598	20.7575	0.152598	41.26	-0.53628	6.872855	33.8845	0	12.5825	0.53628	0.078029	20.75275	0.078029
41.27	-1.04933	6.879966	33.927	0	16.342	1.049334	0.15252	20.7575	0.15252	41.27	-0.53565	6.876064	33.8847	0	12.57943	0.535652	0.077901	20.75583	0.077901
41.28	-1.0483	6.883029	33.9278	0	16.3296	1.0483	0.152302	20.7699	0.152302	41.28	-0.53643	6.879054	33.885	0	12.57225	0.536428	0.07798	20.763	0.07798
41.29	-1.04823	6.885546	33.928	0	16.3265	1.048226	0.152236	20.773	0.152236	41.29	-0.53813	6.882483	33.885	0	12.57225	0.538127	0.078188	20.763	0.078188
41.3	-1.04841	6.888572	33.9282	0	16.32343	1.048411	0.152196	20.77608	0.152196	41.3	-0.53824	6.884342	33.8862	0	12.56005	0.538237	0.078183	20.7752	0.078183
41.31	-1.04823	6.891417	33.9285	0	16.31625	1.048226	0.152106	20.78325	0.152106	41.31	-0.53779	6.887004	33.8865	0	12.557	0.537794	0.078088	20.77825	0.078088
41.32	-1.04775	6.894553	33.9285	0	16.31625	1.047746	0.151967	20.78325	0.151967	41.32	-0.53706	6.888901	33.8867	0	12.55408	0.537056	0.07796	20.78118	0.07796
41.33	-1.04741	6.897653	33.9297	0	16.30385	1.047414	0.151851	20.79565	0.151851	41.33	-0.53695	6.891672	33.887	0	12.54725	0.536945	0.077912	20.788	0.077912
41.34	-1.0483	6.900461	33.93	0	16.30075	1.0483	0.151917	20.79875	0.151917	41.34	-0.53698	6.893824	33.887	0	12.54725	0.536982	0.077893	20.788	0.077893
41.35	-1.04948	6.90254	33.9303	0	16.29783	1.049482	0.152043	20.80186	0.152043	41.35	-0.53709	6.897216	33.8882	0	12.53505	0.537093	0.077871	20.8002	0.077871
41.36	-1.05022	6.904728	33.931	0	16.291	1.05022	0.152102	20.8085	0.152102	41.36	-0.53739	6.900203	33.8885	0	12.532	0.537388	0.077882	20.80325	0.077882
41.37	-1.04978	6.906442	33.931	0	16.291	1.049777	0.152	20.8085	0.152	41.37	-0.53846	6.903415	33.8886	0	12.52908	0.538459	0.077999	20.80618	0.077999
41.38	-1.04974	6.909104	33.9318	0	16.279	1.04974	0.151936	20.8205	0.151936	41.38	-0.53813	6.906077	33.889	0	12.52225	0.538127	0.077921	20.813	0.077921
41.39	-1.04963	6.911438	33.932	0	16.276	1.049629	0.151868	20.8235	0.151868	41.39	-0.53702	6.908229	33.889	0	12.52225	0.537019	0.077736	20.813	0.077736
41.4	-1.04978	6.914246	33.9323	0	16.27285	1.049777	0.151828	20.82665	0.151828	41.4	-0.53676	6.910928	33.8902	0	12.50985	0.53676	0.077668	20.8254	0.077668
41.41	-1.04985	6.916945	33.933	0	16.2655	1.049851	0.15178	20.834	0.15178	41.41	-0.53794	6.913225	33.8905	0	12.50675	0.537942	0.077813	20.8285	0.077813
41.42	-1.04871	6.919863	33.933	0	16.2655	1.048706	0.15155	20.834	0.15155	41.42	-0.53909	6.915122	33.8907	0	12.50368	0.539087	0.077958	20.83158	0.077958
41.43	-1.04863	6.922269	33.9338	0	16.2535	1.048632	0.151487	20.846	0.151487	41.43	-0.53949	6.917456	33.891	0	12.4965	0.539493	0.07799	20.83875	0.07799
41.44	-1.04981	6.924644	33.934	0	16.2505	1.049814	0.151606	20.849	0.151606	41.44	-0.5389	6.919935	33.891	0	12.4965	0.538902	0.077877	20.83875	0.077877
41.45	-1.05	6.925551	33.9342	0	16.24743	1.049999	0.151612	20.85208	0.151612	41.45	-0.53816	6.922707	33.8922	0	12.4847	0.538163	0.077739	20.85055	0.077739
41.46	-1.04967	6.926098	33.9345	0	16.24025	1.049666	0.151552	20.85925	0.151552	41.46	-0.53805	6.925296	33.8925	0	12.48175	0.538053	0.077694	20.8535	0.077694
41.47	-1.04974	6.924786	33.9345	0	16.24025	1.04974	0.151592	20.85925	0.151592	41.47	-0.5382	6.928177	33.8927	0	12.4786	0.5382	0.077683	20.85665	0.077683
41.48	-1.04937	6.92351	33.9345	0	16.22865	1.049371	0.151566	20.87085	0.151566	41.48	-0.53861	6.930876	33.893	0	12.47125	0.538607	0.077711	20.864	0.077711
41.49	-1.04915	6.921722	33.9345	0	16.22575	1.049149	0.151573	20.87375	0.151573	41.49	-0.53835	6.93321	33.893	0	12.47125	0.538348	0.077648	20.864	0.077648
41.5	-1.05007	6.920482	33.9344	0	16.2226	1.050072	0.151734	20.8769	0.151734	41.5	-0.53809	6.933647	33.8938	0	12.45945	0.538089	0.077606	20.8758	0.077606
41.51	-1.05037	6.918841	33.934	0	16.21525	1.050368	0.151813	20.88425	0.151813	41.51	-0.53953	6.933976	33.894	0	12.4565	0.53953	0.077781	20.87875	0.077781
41.52	-1.0493	6.918112	33.934	0	16.21525	1.049367	0.151674	20.88425	0.151674	41.52	-0.53846	6.93197	33.894	0	12.45343	0.538459	0.077678	20.88183	0.077678
41.53	-1.04852	6.917492	33.9344	0	16.20345	1.048521	0.151575	20.89605	0.151575	41.53	-0.53754	6.930584	33.894	0	12.44625	0.537536	0.07756	20.889	0.07756
41.54	-1.04878	6.917893	33.9345	0	16.2005	1.04878	0.151604	20.899	0.151604	41.54	-0.5385	6.92763	33.894	0	12.44625	0.538496	0.077732	20.889	0.077732
41.55	-1.04878	6.919097	33.9347	0	16.19743	1.04878	0.151578	20.90208	0.151578	41.55	-0.53971	6.926828	33.8932	0	12.43385	0.539714	0.077917	20.9014	0.077917
41.56	-1.04819	6.921212	33.935	0	16.19025	1.048189	0.151446	20.90925	0.151446	41.56	-0.5396	6.924822	33.893	0	12.43075	0.539604	0.077923	20.9045	0.077923
41.57	-1.04764	6.923618	33.935	0	16.19025	1.047635	0.151313	20.90925	0.151313	41.57	-0.53942	6.924494	33.8932	0	12.42783	0.539419	0.07799	20.90743	0.07799
41.58	-1.04745	6.927047	33.9358	0	16.17845	1.047451	0.151212	20.92105	0.151212	41.58	-0.5392	6.92351	33.8935	0	12.421	0.539197	0.077879	20.91425	0.077879
41.59	-1.04775	6.929709	33.936	0	16.1755	1.047746	0.151196	20.924	0.151196	41.59	-0.53949	6.924385	33.8935	0	12.421	0.539493	0.077912	20.91425	0.077912
41.6	-1.04727	6.932408	33.9363	0	16.17235	1.047266	0.151068	20.92715	0.151068	41.6	-0.53868	6.925264	33.8943	0	12.409	0.53868	0.077781	20.92625	0.077781
41.61	-1.04775	6.935616	33.937	0	16.165	1.047746	0.151067	20.9345	0.151067	41.61	-0.53702	6.928469	33.8945	0	12.406	0.537019	0.077561	20.92925	0.077561
41.62	-1.04797	6.938425	33.937	0	16.165	1.047968	0.151038	20.9345	0.151038	41.62	-0.53606	6.930183	33.8946	0	12.403	0.536059	0.077351	20.93225	0.077351
41.63	-1.04882	6.940978	33.9382	0	16.1528	1.048817	0.151105	20.9467	0.151105	41.63	-0.53698	6.932246	33.895	0	12.396	0.536982	0.07745	20.93925	0.07745
41.64	-1.04981	6.94291	33.9385	0	16.14975	1.049814	0.151207	20.94975	0.151207	41.64	-0.53813	6.935179	33.895	0	12.396	0.538127	0.077594	20.93925	0.077594
41.65	-1.05103	6.945281	33.9387	0	16.14683	1.051032	0.15133	20.95268	0.15133	41.65	-0.53953	6.938899	33.8962	0	12.3836	0.53953	0.077754	20.95165	0.077754
41.66	-1.05092	6.947323	33.939	0	16.14	1.050922	0.15127	20.9595	0.15127	41.66	-0.53875	6.941379	33.8965	0	12.3805	0.538754	0.077615	20.95475	0.077615
41.67	-1.05022	6.949693	33.939	0	16.14	1.05022	0.151117	20.9595	0.151117	41.67	-0.53916	6.944916	33.8967	0	12.37743	0.53916	0.077634	20.95783	0.077634
41.68	-1.04981	6.952246	33.9398	0	16.1278	1.049814</													

42.25	-1.03741	7.055708	33.9587	0	15.84435	1.037407	0.147031	21.25515	0.147031	42.25	-0.54374	7.057859	33.9163	0	12.08145	0.543739	0.07704	21.2538	0.07704
42.26	-1.03733	7.057057	33.959	0	15.837	1.037333	0.146992	21.2625	0.146992	42.26	-0.54322	7.060449	33.9165	0	12.0785	0.543222	0.076939	21.25675	0.076939
42.27	-1.03693	7.059501	33.959	0	15.837	1.036927	0.146884	21.2625	0.146884	42.27	-0.54459	7.063293	33.9168	0	12.07543	0.544589	0.077101	21.25983	0.077101
42.28	-1.03597	7.061579	33.9598	0	15.8254	1.035967	0.146705	21.2741	0.146705	42.28	-0.54544	7.065737	33.9175	0	12.06825	0.545438	0.077195	21.267	0.077195
42.29	-1.03589	7.064642	33.96	0	15.8225	1.035893	0.146631	21.277	0.146631	42.29	-0.54536	7.067633	33.9175	0	12.06825	0.545364	0.077164	21.267	0.077164
42.3	-1.0349	7.06559	33.9603	0	15.81935	1.034896	0.14647	21.28015	0.14647	42.3	-0.54636	7.069128	33.9183	0	12.05585	0.546361	0.077288	21.2794	0.077288
42.31	-1.03571	7.06621	33.961	0	15.812	1.035708	0.146572	21.2875	0.146572	42.31	-0.54743	7.069991	33.9185	0	12.05275	0.547432	0.07744	21.2825	0.07744
42.32	-1.03648	7.064387	33.961	0	15.812	1.036483	0.14672	21.2875	0.14672	42.32	-0.54836	7.06818	33.9185	0	12.04983	0.548355	0.077581	21.28543	0.077581
42.33	-1.0349	7.063184	33.9602	0	15.8002	1.033896	0.14652	21.2993	0.14652	42.33	-0.54913	7.066575	33.9185	0	12.043	0.549131	0.077708	21.29225	0.077708
42.34	-1.03179	7.060449	33.96	0	15.79725	1.031794	0.146137	21.30225	0.146137	42.34	-0.54928	7.065189	33.9185	0	12.043	0.549278	0.077744	21.29225	0.077744
42.35	-1.03035	7.058333	33.96	0	15.7941	1.030351	0.145998	21.3054	0.145998	42.35	-0.5485	7.063694	33.9181	0	12.031	0.548503	0.077651	21.30425	0.077651
42.36	-1.02958	7.056219	33.96	0	15.78675	1.029578	0.145911	21.31275	0.145911	42.36	-0.54836	7.062892	33.918	0	12.028	0.548355	0.077639	21.30725	0.077639
42.37	-1.0295	7.055634	33.96	0	15.78675	1.029504	0.145912	21.31275	0.145912	42.37	-0.5481	7.061944	33.9182	0	12.025	0.548097	0.077613	21.31025	0.077613
42.38	-1.02866	7.054978	33.9604	0	15.77455	1.028655	0.145806	21.32495	0.145806	42.38	-0.5474	7.060931	33.9185	0	12.018	0.547395	0.077501	21.31725	0.077501
42.39	-1.02969	7.055744	33.9605	0	15.7715	1.029689	0.145936	21.328	0.145936	42.39	-0.54533	7.065189	33.9185	0	12.018	0.545327	0.077185	21.31725	0.077185
42.4	-1.02891	7.057275	33.9607	0	15.76858	1.028914	0.145795	21.33093	0.145795	42.4	-0.54444	7.06756	33.9193	0	12.0054	0.544441	0.077034	21.32985	0.077034
42.41	-1.0281	7.060521	33.961	0	15.76175	1.028101	0.145613	21.33775	0.145613	42.41	-0.54533	7.069857	33.9195	0	12.00225	0.545327	0.077134	21.333	0.077134
42.42	-1.02703	7.062709	33.961	0	15.76175	1.02703	0.145416	21.33775	0.145416	42.42	-0.5464	7.072812	33.9198	0	11.99933	0.546398	0.077253	21.33593	0.077253
42.43	-1.02788	7.065299	33.9622	0	15.74955	1.02788	0.145483	21.34995	0.145483	42.43	-0.54699	7.075619	33.9205	0	11.9925	0.546989	0.077306	21.34275	0.077306
42.44	-1.0284	7.067378	33.9625	0	15.7465	1.028397	0.145513	21.353	0.145513	42.44	-0.54695	7.078464	33.9205	0	11.9925	0.546952	0.07727	21.34275	0.07727
42.45	-1.02781	7.070149	33.9627	0	15.7435	1.027806	0.145373	21.356	0.145373	42.45	-0.54651	7.081382	33.9213	0	11.9801	0.546509	0.077175	21.3515	0.077175
42.46	-1.02699	7.071754	33.963	0	15.7365	1.026993	0.145225	21.363	0.145225	42.46	-0.54717	7.084262	33.9215	0	11.977	0.547174	0.077238	21.35825	0.077238
42.47	-1.02592	7.07478	33.963	0	15.7365	1.025923	0.145011	21.363	0.145011	42.47	-0.54669	7.086596	33.9218	0	11.97408	0.546693	0.077145	21.36118	0.077145
42.48	-1.02596	7.07552	33.9642	0	15.7243	1.025959	0.14496	21.3752	0.14496	42.48	-0.54644	7.088894	33.9225	0	11.96725	0.546435	0.077083	21.368	0.077083
42.49	-1.0257	7.080579	33.9645	0	15.72125	1.025701	0.144861	21.37825	0.144861	42.49	-0.54618	7.091228	33.9225	0	11.96725	0.546176	0.077021	21.368	0.077021
42.5	-1.02456	7.083205	33.9646	0	15.7181	1.024556	0.144646	21.3814	0.144646	42.5	-0.54647	7.093416	33.9233	0	11.95505	0.546472	0.077039	21.3802	0.077039
42.51	-1.02371	7.086414	33.965	0	15.71075	1.023707	0.144461	21.38875	0.144461	42.51	-0.5457	7.096188	33.9235	0	11.952	0.546596	0.07691	21.38325	0.07691
42.52	-1.02356	7.089259	33.965	0	15.71075	1.023559	0.144382	21.38875	0.144382	42.52	-0.54599	7.098704	33.9236	0	11.94908	0.545992	0.076769	21.38618	0.076769
42.53	-1.02323	7.092103	33.9662	0	15.69915	1.023227	0.144277	21.40035	0.144277	42.53	-0.5454	7.10184	33.924	0	11.94225	0.545401	0.076797	21.393	0.076797
42.54	-1.02315	7.094146	33.9665	0	15.69625	1.023153	0.144225	21.40325	0.144225	42.54	-0.54548	7.104576	33.924	0	11.94225	0.545475	0.076778	21.393	0.076778
42.55	-1.02245	7.096224	33.9667	0	15.69318	1.022452	0.144084	21.40633	0.144084	42.55	-0.54562	7.107457	33.9252	0	11.92985	0.545623	0.076768	21.4054	0.076768
42.56	-1.02205	7.098558	33.967	0	15.686	1.022045	0.143979	21.4135	0.143979	42.56	-0.54536	7.110192	33.9255	0	11.92675	0.545364	0.076702	21.4085	0.076702
42.57	-1.02245	7.100382	33.967	0	15.686	1.022452	0.144	21.4135	0.144	42.57	-0.54514	7.112781	33.9258	0	11.92368	0.545143	0.076643	21.41158	0.076643
42.58	-1.0219	7.103263	33.9682	0	15.6736	1.021898	0.143863	21.4259	0.143863	42.58	-0.54581	7.114823	33.9265	0	11.9165	0.545807	0.076714	21.41875	0.076714
42.59	-1.02112	7.10556	33.9685	0	15.6705	1.021122	0.143707	21.429	0.143707	42.59	-0.54584	7.116318	33.9265	0	11.9165	0.545804	0.076703	21.41875	0.076703
42.6	-1.0212	7.108478	33.9687	0	15.6675	1.021196	0.143659	21.432	0.143659	42.6	-0.54581	7.117266	33.9273	0	11.9047	0.545807	0.076688	21.43055	0.076688
42.61	-1.02001	7.110812	33.969	0	15.6605	1.020014	0.143446	21.439	0.143446	42.61	-0.54603	7.117074	33.9275	0	11.90175	0.546029	0.076721	21.4335	0.076721
42.62	-1.01835	7.11351	33.969	0	15.6605	1.018353	0.143158	21.439	0.143158	42.62	-0.54662	7.116027	33.9275	0	11.8986	0.54662	0.076815	21.43665	0.076815
42.63	-1.01754	7.115808	33.9702	0	15.6485	1.01754	0.142997	21.451	0.142997	42.63	-0.54669	7.114495	33.9275	0	11.89125	0.546693	0.076842	21.444	0.076842
42.64	-1.01909	7.117777	33.9705	0	15.6455	1.019091	0.143175	21.454	0.143175	42.64	-0.54647	7.113036	33.9275	0	11.89125	0.546472	0.076827	21.444	0.076827
42.65	-1.01987	7.119856	33.9706	0	15.64258	1.019867	0.143243	21.45693	0.143243	42.65	-0.54629	7.111776	33.9271	0	11.87965	0.546287	0.076815	21.4556	0.076815
42.66	-1.01953	7.121716	33.971	0	15.63575	1.019534	0.143159	21.46375	0.143159	42.66	-0.54658	7.110848	33.927	0	11.87675	0.546583	0.076866	21.4585	0.076866
42.67	-1.01976	7.123576	33.971	0	15.63575	1.019756	0.143152	21.46375	0.143152	42.67	-0.5457	7.109645	33.927	0	11.87368	0.546596	0.076754	21.46158	0.076754
42.68	-1.02057	7.126201	33.9722	0	15.62335	1.020568	0.143214	21.47615	0.143214	42.68	-0.54581	7.111104	33.927	0	11.8665	0.545807	0.076754	21.46875	0.076754
42.69	-1.02009	7.128681	33.9725	0	15.62025	1.020088	0.143096	21.47925	0.143096	42.69	-0.54621	7.112927	33.927	0	11.8665	0.546213	0.076792	21.46875	0.076792
42.7	-1.01931	7.131598	33.9727	0	15.61725	1.019313	0.142929	21.48225	0.142929	42.7	-0.54666	7.115808	33.9282	0	11.8545	0.546657	0.076823	21.48075	0.076823
42.71	-1.01817	7.134443	33.973	0	15.61025	1.018168	0.142712	21.48925	0.142712	42.71	-0.54677	7.118725	33.9285	0	11.8515	0.546767	0.076807	21.48375	0.076807
42.72	-1.01658	7.136047	33.973	0	15.61025	1.01658	0.142457	21.48925	0.142457	42.72	-0.54758	7.121533	33.9286	0	11.84835	0.547578	0.076891	21.4869	0.076891
42.73	-1.01544	7.13809	33.9738	0	15.59785	1.015435	0.142256	21.50165	0.142256	42.73	-0.5474	7.124487	33.929	0	11.841	0.547395	0.076833	21.49425	0.076833
42.74	-1.01569	7.13798	33.974	0	15.59475	1.015694	0.142294	21.50475	0.142294	42.74	-0.5485	7.127405	33.929	0	11.841	0.548503	0.076957	21.49425	0.076957
42.75	-1.01573	7.136704	33.974	0	15.59175	1.015731	0.142325	21.50775	0.142325	42.75	-0.54861	7.12952	33.9302	0	11.8294	0.548614	0.07695	21.50085	0.07695
42.76	-1.0154	7.135136	33.974	0	15.58475	1.015399	0.14231	21.51475	0.14231	42.76	-0.54717	7.132109	33.9305	0	11.8265	0.547174	0.07672	21.50875	0.07672
42.77	-1.01481	7.133276	33.974	0	15.														



43.34	-0.99232	7.230428	33.9915	0	15.29225	0.99232	0.137242	21.80725	0.137242	43.34	-0.56401	7.216424	33.9465	0	11.5385	0.564012	0.078157	21.79675	0.078157
43.35	-0.99136	7.233054	33.9918	0	15.28933	0.99136	0.13706	21.81018	0.13706	43.35	-0.56383	7.212121	33.9473	0	11.5263	0.563827	0.078112	21.80895	0.078112
43.36	-0.99202	7.235668	33.9925	0	15.2825	0.992024	0.137102	21.817	0.137102	43.36	-0.56431	7.217172	33.9475	0	11.52325	0.564307	0.07814	21.812	0.07814
43.37	-0.99298	7.238196	33.9925	0	15.2825	0.992984	0.137187	21.817	0.137187	43.37	-0.56549	7.2239	33.9478	0	11.52033	0.565489	0.07828	21.81493	0.07828
43.38	-0.99313	7.24104	33.9933	0	15.2703	0.993132	0.137153	21.8292	0.137153	43.38	-0.56671	7.227511	33.9485	0	11.5135	0.566707	0.07841	21.82175	0.07841
43.39	-0.99409	7.243447	33.9935	0	15.26725	0.994092	0.13724	21.83225	0.13724	43.39	-0.56752	7.230246	33.9485	0	11.5135	0.56752	0.078492	21.82175	0.078492
43.4	-0.99354	7.245855	33.9938	0	15.26425	0.993538	0.137118	21.83525	0.137118	43.4	-0.56748	7.233674	33.9493	0	11.5103	0.567483	0.07845	21.83395	0.07845
43.41	-0.99158	7.247823	33.9945	0	15.25725	0.991581	0.136811	21.84225	0.136811	43.41	-0.56708	7.2363	33.9495	0	11.49825	0.567077	0.078366	21.837	0.078366
43.42	-0.99217	7.249756	33.9945	0	15.25725	0.992172	0.136856	21.84225	0.136856	43.42	-0.56737	7.239691	33.9498	0	11.49518	0.567372	0.07837	21.84008	0.07837
43.43	-0.99254	7.250522	33.9953	0	15.24525	0.992541	0.136892	21.85425	0.136892	43.43	-0.56734	7.241843	33.9505	0	11.488	0.567335	0.078341	21.84725	0.078341
43.44	-0.99199	7.250304	33.9955	0	15.24225	0.991987	0.13682	21.85725	0.13682	43.44	-0.56789	7.244031	33.9505	0	11.488	0.567889	0.078394	21.84725	0.078394
43.45	-0.99014	7.249137	33.9955	0	15.23925	0.990141	0.136587	21.86025	0.136587	43.45	-0.56815	7.246182	33.9513	0	11.476	0.568148	0.078406	21.85925	0.078406
43.46	-0.99077	7.247933	33.9955	0	15.23225	0.990769	0.136697	21.86725	0.136697	43.46	-0.568	7.249027	33.9515	0	11.473	0.568	0.078355	21.86225	0.078355
43.47	-0.99077	7.247569	33.9955	0	15.23225	0.990769	0.136704	21.86725	0.136704	43.47	-0.56807	7.251252	33.9518	0	11.46993	0.568071	0.078479	21.86533	0.078479
43.48	-0.99177	7.250304	33.9959	0	15.22005	0.991766	0.13679	21.87945	0.13679	43.48	-0.5697	7.253804	33.9525	0	11.46275	0.569699	0.078538	21.8725	0.078538
43.49	-0.99047	7.252309	33.996	0	15.217	0.990473	0.136574	21.8825	0.136574	43.49	-0.57011	7.25694	33.9525	0	11.46275	0.570105	0.07856	21.8725	0.07856
43.5	-0.99025	7.255992	33.9963	0	15.21393	0.990252	0.136474	21.88558	0.136474	43.5	-0.56996	7.259858	33.9533	0	11.46055	0.569957	0.078508	21.8847	0.078508
43.51	-0.99008	7.257853	33.997	0	15.20675	0.99008	0.136525	21.89275	0.136525	43.51	-0.56974	7.262338	33.9535	0	11.4475	0.569735	0.078451	21.88775	0.078451
43.52	-0.99125	7.26139	33.997	0	15.20675	0.991249	0.13651	21.89275	0.13651	43.52	-0.57029	7.264709	33.9538	0	11.44458	0.570289	0.078501	21.89068	0.078501
43.53	-0.99088	7.263177	33.9978	0	15.19495	0.99088	0.136425	21.90455	0.136425	43.53	-0.56981	7.266532	33.9545	0	11.43775	0.569809	0.078416	21.8975	0.078416
43.54	-0.9911	7.265949	33.998	0	15.192	0.991101	0.136404	21.9075	0.136404	43.54	-0.5697	7.268866	33.9545	0	11.43775	0.569699	0.078375	21.8975	0.078375
43.55	-0.99092	7.26759	33.9983	0	15.18885	0.990916	0.136347	21.91065	0.136347	43.55	-0.57036	7.270471	33.9553	0	11.42535	0.570363	0.078449	21.9099	0.078449
43.56	-0.99073	7.270215	33.999	0	15.1815	0.990732	0.136273	21.918	0.136273	43.56	-0.57099	7.273169	33.9555	0	11.42225	0.570991	0.078506	21.913	0.078506
43.57	-0.98977	7.271273	33.999	0	15.1815	0.989772	0.136121	21.918	0.136121	43.57	-0.57155	7.275503	33.9558	0	11.41933	0.571545	0.078557	21.91593	0.078557
43.58	-0.98918	7.27419	33.9998	0	15.1695	0.989181	0.135985	21.93	0.135985	43.58	-0.57158	7.27853	33.9565	0	11.4125	0.571582	0.07853	21.92275	0.07853
43.59	-0.98926	7.275868	34	0	15.1665	0.989255	0.135964	21.933	0.135964	43.59	-0.57199	7.280791	33.9565	0	11.4125	0.571988	0.078561	21.92275	0.078561
43.6	-0.99055	7.27915	34.0003	0	15.1635	0.990547	0.13608	21.936	0.13608	43.6	-0.5718	7.28411	33.9573	0	11.4003	0.571803	0.0785	21.93495	0.0785
43.61	-0.99177	7.280901	34.001	0	15.1565	0.991766	0.136215	21.943	0.136215	43.61	-0.57228	7.286553	33.9575	0	11.39725	0.572283	0.07854	21.938	0.07854
43.62	-0.9928	7.284474	34.001	0	15.1565	0.9928	0.13629	21.943	0.13629	43.62	-0.57191	7.288997	33.9578	0	11.39433	0.571914	0.078663	21.94093	0.078663
43.63	-0.99217	7.286371	34.0018	0	15.1441	0.992172	0.136168	21.9554	0.136168	43.63	-0.57306	7.289945	33.9585	0	11.3875	0.573059	0.078609	21.94775	0.078609
43.64	-0.99206	7.289106	34.002	0	15.141	0.992061	0.136102	21.9585	0.136102	43.64	-0.57457	7.290091	33.9585	0	11.3875	0.574573	0.078816	21.94775	0.078816
43.65	-0.99184	7.2902	34.0022	0	15.13808	0.99184	0.136051	21.96143	0.136051	43.65	-0.57509	7.288742	33.9585	0	11.3749	0.57509	0.078901	21.96035	0.078901
43.66	-0.99132	7.290601	34.0025	0	15.13125	0.991323	0.135973	21.96825	0.135973	43.66	-0.57491	7.288341	33.9585	0	11.37175	0.574905	0.07886	21.9635	0.07886
43.67	-0.9911	7.289106	34.0025	0	15.13125	0.991101	0.13597	21.96825	0.13597	43.67	-0.57443	7.286152	33.9585	0	11.36875	0.574425	0.078838	21.9665	0.078838
43.68	-0.99132	7.287976	34.0025	0	15.11925	0.991323	0.136022	21.98025	0.136022	43.68	-0.57431	7.285496	33.9585	0	11.36175	0.574314	0.07883	21.9735	0.07883
43.69	-0.99129	7.285897	34.0025	0	15.11625	0.991286	0.136055	21.98325	0.136055	43.69	-0.57539	7.283308	33.9585	0	11.36175	0.575385	0.079001	21.9735	0.079001
43.7	-0.99169	7.284839	34.0024	0	15.11333	0.991692	0.136131	21.98618	0.136131	43.7	-0.57291	7.281959	33.9581	0	11.34995	0.572911	0.078675	21.9853	0.078675
43.71	-0.99106	7.282979	34.002	0	15.1065	0.991064	0.13608	21.993	0.13608	43.71	-0.57151	7.280572	33.958	0	11.347	0.571508	0.078498	21.98825	0.078498
43.72	-0.99081	7.28236	34.002	0	15.1065	0.990806	0.136056	21.993	0.136056	43.72	-0.57191	7.27977	33.958	0	11.34393	0.571914	0.078562	21.99133	0.078562
43.73	-0.99284	7.28152	34.0028	0	15.0941	0.992837	0.13635	22.0054	0.13635	43.73	-0.57287	7.279186	33.958	0	11.33675	0.572874	0.0787	21.9985	0.0787
43.74	-0.99553	7.282432	34.003	0	15.091	0.995532	0.136703	22.0085	0.136703	43.74	-0.57365	7.279515	33.958	0	11.33675	0.57365	0.078803	21.9985	0.078803
43.75	-0.99442	7.284438	34.0032	0	15.08785	0.994424	0.136514	22.01165	0.136514	43.75	-0.57365	7.280864	33.9588	0	11.32455	0.57365	0.078789	22.0107	0.078789
43.76	-0.99317	7.287137	34.0035	0	15.0805	0.993169	0.136291	22.019	0.136291	43.76	-0.5735	7.283453	33.959	0	11.3215	0.573502	0.07874	22.01375	0.07874
43.77	-0.9925	7.289945	34.0035	0	15.0805	0.992504	0.136147	22.019	0.136147	43.77	-0.5738	7.285897	33.9592	0	11.3185	0.57382	0.07878	22.01675	0.07878
43.78	-0.99276	7.293373	34.0047	0	15.0689	0.992763	0.136118	22.0306	0.136118	43.78	-0.57395	7.288778	33.9595	0	11.3115	0.573945	0.078744	22.02375	0.078744
43.79	-0.99339	7.296072	34.005	0	15.066	0.993391	0.136154	22.0335	0.136154	43.79	-0.57519	7.291294	33.9595	0	11.3115	0.571286	0.078352	22.02375	0.078352
43.8	-0.99273	7.299427	34.0051	0	15.06293	0.992726	0.136001	22.03658	0.136001	43.8	-0.56992	7.294248	33.9607	0	11.2993	0.56992	0.078133	22.03595	0.078133
43.81	-0.99228	7.302125	34.0055	0	15.05575	0.992283	0.13589	22.04375	0.13589	43.81	-0.57188	7.297238	33.961	0	11.29625	0.571877	0.078369	22.039	0.078369
43.82	-0.9921	7.305189	34.0055	0	15.05575	0.992098	0.135807	22.04375	0.135807	43.82	-0.57239	7.300047	33.9613	0	11.29318	0.572394	0.07841	22.04208	0.07841
43.83	-0.99365	7.307158	34.0067	0	15.04335	0.993649	0.135983	22.05615	0.135983	43.83	-0.57284	7.302891	33.962	0	11.286	0.572837	0.07844	22.04925	0.07844
43.84	-0.9938	7.309419	34.007	0	15.04025	0.993797	0.135961	22.05925	0.135961	43.84	-0.57262	7.305371	33.962	0	11.286	0.572616	0.07848	22.04925	0.07848
43.85	-0.99409	7.311316	34.0072	0	15.03733	0.994092	0.135966	22.06218	0.135966	43.85	-0.57265	7.307523	33.9628	0	11.274	0.572653	0.078365	22.06125	0.078365
43.86	-0.99346	7.314378	34.0075	0	15.0305	0.993464	0.135823	22.069	0.135823	43.86	-0.57243</								

44.43	-0.98637	7.402814	34.0247	0	14.741	0.986374	0.133243	22.3585	0.133243	44.43	-0.59813	7.401721	33.98	0	10.98375	0.598132	0.08081	22.3515	0.08081
44.44	-0.98656	7.405659	34.025	0	14.738	0.986559	0.133217	22.3615	0.133217	44.44	-0.59846	7.404456	33.98	0	10.98375	0.598464	0.080825	22.3515	0.080825
44.45	-0.98663	7.408795	34.0253	0	14.735	0.986301	0.133126	22.3645	0.133126	44.45	-0.59813	7.407775	33.9808	0	10.97175	0.598132	0.080744	22.3635	0.080744
44.46	-0.98556	7.411458	34.026	0	14.728	0.985562	0.132978	22.3715	0.132978	44.46	-0.5971	7.410692	33.981	0	10.96875	0.597098	0.080572	22.3665	0.080572
44.47	-0.98453	7.414193	34.026	0	14.728	0.984528	0.132729	22.3715	0.132729	44.47	-0.59846	7.4135	33.9813	0	10.96568	0.598464	0.080726	22.36958	0.080726
44.48	-0.98453	7.416235	34.0268	0	14.7154	0.984528	0.132753	22.3841	0.132753	44.48	-0.59924	7.415943	33.982	0	10.9585	0.59924	0.080804	22.37675	0.080804
44.49	-0.9849	7.41784	34.027	0	14.71225	0.984897	0.132774	22.38725	0.132774	44.49	-0.59869	7.418642	33.982	0	10.9585	0.598686	0.08081	22.37675	0.08081
44.5	-0.98482	7.419992	34.0271	0	14.70933	0.984824	0.132726	22.39018	0.132726	44.5	-0.59743	7.420429	33.9828	0	10.9463	0.59743	0.080512	22.38895	0.080512
44.51	-0.98475	7.423201	34.0275	0	14.7025	0.98475	0.132658	22.397	0.132658	44.51	-0.59806	7.423128	33.983	0	10.94325	0.598058	0.080567	22.392	0.080567
44.52	-0.98516	7.425607	34.0275	0	14.7025	0.985156	0.13267	22.397	0.13267	44.52	-0.5985	7.425644	33.9833	0	10.94033	0.598501	0.080599	22.39493	0.080599
44.53	-0.98508	7.428562	34.0287	0	14.6901	0.985082	0.132607	22.4094	0.132607	44.53	-0.59954	7.428562	33.984	0	10.9335	0.599535	0.080701	22.40175	0.080701
44.54	-0.98508	7.431588	34.029	0	14.687	0.985082	0.132553	22.4125	0.132553	44.54	-0.60046	7.431334	33.984	0	10.9335	0.600458	0.080807	22.40175	0.080807
44.55	-0.98445	7.434652	34.0293	0	14.68408	0.984454	0.132414	22.41543	0.132414	44.55	-0.60208	7.434323	33.9848	0	10.9213	0.602083	0.080987	22.41395	0.080987
44.56	-0.98545	7.437205	34.03	0	14.67725	0.985451	0.132503	22.42225	0.132503	44.56	-0.60168	7.437022	33.985	0	10.91825	0.601677	0.080903	22.417	0.080903
44.57	-0.98726	7.439575	34.03	0	14.67725	0.987261	0.132704	22.42225	0.132704	44.57	-0.60127	7.439867	33.9853	0	10.91518	0.60127	0.080817	22.42008	0.080817
44.58	-0.98756	7.44169	34.0308	0	14.66505	0.987556	0.132706	22.43445	0.132706	44.58	-0.60227	7.442055	33.986	0	10.908	0.602268	0.080928	22.42725	0.080928
44.59	-0.98704	7.443332	34.031	0	14.662	0.987039	0.132607	22.4375	0.132607	44.59	-0.60286	7.44428	33.986	0	10.908	0.602858	0.080983	22.42725	0.080983
44.6	-0.98645	7.444644	34.0312	0	14.65908	0.986448	0.132504	22.44043	0.132504	44.6	-0.60308	7.445775	33.9868	0	10.896	0.60308	0.080996	22.43925	0.080996
44.61	-0.98597	7.445082	34.0315	0	14.65225	0.985968	0.132432	22.44725	0.132432	44.61	-0.60363	7.448182	33.987	0	10.893	0.603634	0.081044	22.44225	0.081044
44.62	-0.98542	7.443879	34.0315	0	14.65225	0.985415	0.132379	22.44725	0.132379	44.62	-0.60378	7.449714	33.9872	0	10.88993	0.603781	0.081048	22.44533	0.081048
44.63	-0.98553	7.442748	34.0315	0	14.63985	0.985525	0.132414	22.45965	0.132414	44.63	-0.60419	7.451318	33.9875	0	10.88275	0.604188	0.081085	22.4525	0.081085
44.64	-0.98453	7.440742	34.0315	0	14.63675	0.984528	0.132316	22.46275	0.132316	44.64	-0.60404	7.450844	33.9875	0	10.88275	0.60404	0.08107	22.4525	0.08107
44.65	-0.98527	7.440195	34.0315	0	14.63368	0.985267	0.132425	22.46583	0.132425	44.65	-0.60304	7.450005	33.9875	0	10.87095	0.603043	0.080945	22.4643	0.080945
44.66	-0.98501	7.440998	34.0315	0	14.6265	0.985008	0.132376	22.473	0.132376	44.66	-0.60375	7.447853	33.9875	0	10.868	0.603745	0.081063	22.46725	0.081063
44.67	-0.98497	7.443623	34.0315	0	14.6265	0.984971	0.132324	22.473	0.132324	44.67	-0.60722	7.446249	33.9874	0	10.86493	0.607216	0.081547	22.47033	0.081547
44.68	-0.98497	7.445884	34.0327	0	14.6147	0.984971	0.132284	22.4848	0.132284	44.68	-0.60792	7.444352	33.9877	0	10.85775	0.607917	0.081662	22.4775	0.081662
44.69	-0.98527	7.449275	34.033	0	14.61175	0.985267	0.132263	22.48775	0.132263	44.69	-0.60611	7.444134	33.987	0	10.85775	0.606108	0.081421	22.4775	0.081421
44.7	-0.98431	7.451828	34.0333	0	14.6086	0.984307	0.132089	22.4909	0.132089	44.7	-0.60448	7.442602	33.9874	0	10.84575	0.604483	0.081219	22.4895	0.081219
44.71	-0.98379	7.455147	34.034	0	14.60125	0.98379	0.131961	22.49825	0.131961	44.71	-0.6023	7.442967	33.9875	0	10.84275	0.602304	0.080923	22.4925	0.080923
44.72	-0.98412	7.457116	34.034	0	14.60125	0.984122	0.131961	22.49825	0.131961	44.72	-0.60459	7.442821	33.9877	0	10.83968	0.604594	0.081232	22.49558	0.081232
44.73	-0.98527	7.45956	34.0348	0	14.58945	0.985267	0.132081	22.51005	0.132081	44.73	-0.6074	7.445775	33.988	0	10.8325	0.6074	0.081577	22.50275	0.081577
44.74	-0.98493	7.460873	34.035	0	14.5865	0.984934	0.132013	22.513	0.132013	44.74	-0.60755	7.448692	33.988	0	10.8325	0.607548	0.081564	22.50275	0.081564
44.75	-0.98468	7.463352	34.0352	0	14.58343	0.984676	0.131935	22.51608	0.131935	44.75	-0.60707	7.452521	33.9892	0	10.8203	0.607068	0.081458	22.51495	0.081458
44.76	-0.98379	7.465468	34.0355	0	14.57625	0.98379	0.131779	22.52325	0.131779	44.76	-0.6074	7.455184	33.9895	0	10.81725	0.6074	0.081474	22.518	0.081474
44.77	-0.98397	7.46886	34.0355	0	14.57625	0.983974	0.131744	22.52325	0.131744	44.77	-0.60744	7.458356	33.9898	0	10.81425	0.607437	0.081444	22.521	0.081444
44.78	-0.98471	7.471157	34.0367	0	14.56445	0.984713	0.131802	22.53505	0.131802	44.78	-0.60685	7.460727	33.9905	0	10.80725	0.606846	0.081339	22.528	0.081339
44.79	-0.98512	7.474184	34.037	0	14.5615	0.985119	0.131803	22.538	0.131803	44.79	-0.6064	7.463863	33.9905	0	10.80725	0.606403	0.081245	22.528	0.081245
44.8	-0.9849	7.476299	34.0372	0	14.55833	0.984997	0.131736	22.54115	0.131736	44.8	-0.60755	7.46503	33.9913	0	10.79505	0.607548	0.081386	22.5402	0.081386
44.81	-0.98453	7.479654	34.0375	0	14.551	0.984528	0.131628	22.5485	0.131628	44.81	-0.60943	7.468313	33.9915	0	10.792	0.609431	0.081602	22.54325	0.081602
44.82	-0.98471	7.481331	34.0375	0	14.551	0.984713	0.131623	22.5485	0.131623	44.82	-0.61083	7.46988	33.9916	0	10.78908	0.610834	0.081773	22.54618	0.081773
44.83	-0.98409	7.483264	34.0383	0	14.539	0.984085	0.131505	22.5605	0.131505	44.83	-0.61154	7.473673	33.992	0	10.78225	0.611536	0.081825	22.553	0.081825
44.84	-0.98386	7.48279	34.0385	0	14.536	0.983864	0.131484	22.5635	0.131484	44.84	-0.61349	7.475168	33.992	0	10.78225	0.613493	0.082071	22.553	0.082071
44.85	-0.98368	7.481915	34.0385	0	14.53308	0.983679	0.131474	22.56643	0.131474	44.85	-0.6149	7.479216	33.9932	0	10.77005	0.614986	0.082214	22.5652	0.082214
44.86	-0.98346	7.479618	34.0385	0	14.52625	0.983457	0.131485	22.57325	0.131485	44.86	-0.61445	7.481331	33.9935	0	10.766	0.614453	0.082132	22.56825	0.082132
44.87	-0.98309	7.478596	34.0385	0	14.52625	0.983088	0.131454	22.57325	0.131454	44.87	-0.61453	7.484504	33.9937	0	10.764	0.614527	0.082107	22.57125	0.082107
44.88	-0.98313	7.476627	34.0381	0	14.51365	0.983125	0.131493	22.58585	0.131493	44.88	-0.61397	7.486328	33.9937	0	10.757	0.613973	0.082013	22.57825	0.082013
44.89	-0.98279	7.475314	34.038	0	14.5105	0.982793	0.131472	22.589	0.131472	44.89	-0.61327	7.489172	33.994	0	10.757	0.613272	0.081888	22.57825	0.081888
44.9	-0.98353	7.473819	34.038	0	14.50758	0.983531	0.131597	22.59189	0.131597	44.9	-0.61305	7.490667	33.9952	0	10.745	0.61305	0.081842	22.59025	0.081842
44.91	-0.98276	7.4736	34.038	0	14.50075	0.982756	0.131497	22.59875	0.131497	44.91	-0.61335	7.493257	33.9955	0	10.742	0.613345	0.081853	22.59325	0.081853
44.92	-0.98242	7.4736	34.038	0	14.50075	0.982423	0.131453	22.59875	0.131453	44.92	-0.61442	7.495004	33.9957	0	10.73885	0.614416	0.081976	22.5964	0.081976
44.93	-0.98239	7.475643	34.0388	0	14.48875	0.982386	0.131412	22.61075	0.131412	44.93	-0.61534	7.498544	33.996	0	10.7315	0.615339	0.082061	22.60375	0.082061
44.94	-0.98228	7.477101	34.039	0	14.48575	0.982276	0.131371	22.61375	0.131371	44.94	-0.6142	7.500696	33.996	0	10.7315	0.614195	0.081885	22.60375	0.081885
44.95	-0.9815	7.479909	34.0393	0	14.48283	0.9815	0.131218	22.61											

45.52	-0.99679	7.588111	34.058	0	14.19825	0.996788	0.131362	22.90125	0.131362	45.52	-0.62719	7.599744	34.0138	0	10.43575	0.627193	0.082528	22.8995	0.082528
45.53	-0.99797	7.586689	34.0576	0	14.18625	0.997969	0.131542	22.91325	0.131542	45.53	-0.62808	7.600912	34.0145	0	10.42875	0.628079	0.082632	22.9065	0.082632
45.54	-0.99845	7.585413	34.0575	0	14.18325	0.998449	0.131628	22.91625	0.131628	45.54	-0.629	7.600766	34.0145	0	10.42875	0.629002	0.082755	22.9065	0.082755
45.55	-0.99723	7.584501	34.0575	0	14.18018	0.997231	0.131483	22.91933	0.131483	45.55	-0.629	7.599809	34.0145	0	10.41695	0.629002	0.082773	22.9183	0.082773
45.56	-0.99701	7.58472	34.0575	0	14.173	0.997009	0.131445	22.92625	0.131445	45.56	-0.62904	7.598213	34.0145	0	10.4141	0.629039	0.082788	22.92125	0.082788
45.57	-0.99775	7.586142	34.0575	0	14.173	0.997748	0.131522	22.92625	0.131522	45.57	-0.62856	7.595953	34.0144	0	10.4111	0.628559	0.082749	22.92425	0.082749
45.58	-0.99934	7.588731	34.0587	0	14.1608	0.999336	0.131687	22.9387	0.131687	45.58	-0.62815	7.594748	34.014	0	10.404	0.628153	0.082709	22.93125	0.082709
45.59	-1.00011	7.590627	34.059	0	14.15775	1.000111	0.131756	22.94175	0.131756	45.59	-0.62679	7.593035	34.014	0	10.404	0.626787	0.082548	22.93125	0.082548
45.6	-0.99971	7.593108	34.0592	0	14.15483	0.999705	0.13166	22.94468	0.13166	45.6	-0.62719	7.592342	34.014	0	10.3916	0.627193	0.082609	22.94365	0.082609
45.61	-0.99978	7.595405	34.0595	0	14.148	0.999779	0.131629	22.9515	0.131629	45.61	-0.6303	7.591722	34.014	0	10.3885	0.630295	0.083024	22.94675	0.083024
45.62	-1.00111	7.59814	34.0595	0	14.148	1.001108	0.131757	22.9515	0.131757	45.62	-0.63155	7.593362	34.0142	0	10.38543	0.63155	0.083171	22.94983	0.083171
45.63	-1.00166	7.600985	34.0603	0	14.1356	1.001662	0.131781	22.9639	0.131781	45.63	-0.63033	7.594967	34.0145	0	10.37825	0.630331	0.082993	22.957	0.082993
45.64	-1.0017	7.604777	34.0605	0	14.1325	1.001699	0.13172	22.967	0.13172	45.64	-0.62812	7.597776	34.0145	0	10.37825	0.628116	0.082671	22.957	0.082671
45.65	-1.00366	7.607585	34.0608	0	14.12985	1.003656	0.131928	22.96993	0.131928	45.65	-0.62553	7.600109	34.0157	0	10.36605	0.625531	0.082365	22.9692	0.082365
45.66	-1.0051	7.610394	34.0615	0	14.12275	1.005096	0.132069	22.97675	0.132069	45.66	-0.62649	7.603428	34.016	0	10.363	0.626491	0.082396	22.97225	0.082396
45.67	-1.00591	7.612728	34.0615	0	14.12275	1.005909	0.132135	22.97675	0.132135	45.67	-0.62911	7.605835	34.0162	0	10.36008	0.629113	0.082714	22.97518	0.082714
45.68	-1.00576	7.615178	34.0627	0	14.11055	1.005761	0.132064	22.98895	0.132064	45.68	-0.62933	7.609226	34.0165	0	10.35325	0.629334	0.082700	22.982	0.082700
45.69	-1.00716	7.617614	34.063	0	14.1075	1.007164	0.132215	22.992	0.132215	45.69	-0.62808	7.612071	34.0165	0	10.35325	0.628079	0.082511	22.982	0.082511
45.7	-1.0096	7.620058	34.0632	0	14.10435	1.009601	0.132493	22.99515	0.132493	45.7	-0.6283	7.615243	34.0177	0	10.34105	0.6283	0.082506	22.9942	0.082506
45.71	-1.0116	7.622246	34.0635	0	14.097	1.011595	0.132716	23.0025	0.132716	45.71	-0.6293	7.61776	34.018	0	10.338	0.629297	0.082609	22.99725	0.082609
45.72	-1.0123	7.625236	34.0635	0	14.097	1.012997	0.132756	23.0025	0.132756	45.72	-0.62911	7.620276	34.0182	0	10.335	0.629113	0.082578	23.00025	0.082578
45.73	-1.01233	7.628117	34.0647	0	14.085	1.012334	0.132711	23.0145	0.132711	45.73	-0.62882	7.622246	34.0185	0	10.328	0.628817	0.082498	23.00725	0.082498
45.74	-1.0144	7.630816	34.065	0	14.082	1.014402	0.132935	23.0175	0.132935	45.74	-0.62845	7.624945	34.0185	0	10.328	0.628448	0.08242	23.00725	0.08242
45.75	-1.01651	7.633333	34.0652	0	14.07908	1.016506	0.133167	23.02043	0.133167	45.75	-0.62826	7.627169	34.0193	0	10.3158	0.628264	0.082372	23.01945	0.082372
45.76	-1.01861	7.636615	34.0655	0	14.07225	1.018611	0.133385	23.02725	0.133385	45.76	-0.62922	7.629977	34.0195	0	10.31275	0.629224	0.082467	23.0225	0.082467
45.77	-1.01935	7.639058	34.0655	0	14.07225	1.01935	0.133439	23.02725	0.133439	45.77	-0.62978	7.632931	34.0198	0	10.30983	0.629778	0.082508	23.02543	0.082508
45.78	-1.02064	7.640954	34.0663	0	14.05985	1.020642	0.133575	23.03965	0.133575	45.78	-0.63007	7.635666	34.0205	0	10.303	0.630073	0.082517	23.03225	0.082517
45.79	-1.0219	7.640991	34.0665	0	14.05675	1.021898	0.133739	23.04275	0.133739	45.79	-0.63048	7.638839	34.0205	0	10.303	0.630479	0.082536	23.03225	0.082536
45.8	-1.02334	7.639897	34.0665	0	14.05383	1.023338	0.133947	23.04568	0.133947	45.8	-0.6303	7.641829	34.0217	0	10.2908	0.630295	0.08248	23.04445	0.08248
45.81	-1.02356	7.638292	34.0665	0	14.047	1.023559	0.134004	23.0525	0.134004	45.81	-0.6307	7.644893	34.0222	0	10.28775	0.630701	0.0825	23.0475	0.0825
45.82	-1.02352	7.636797	34.0665	0	14.047	1.023522	0.134025	23.0525	0.134025	45.82	-0.63148	7.646862	34.0222	0	10.2846	0.631476	0.08258	23.05065	0.08258
45.83	-1.02301	7.635411	34.0661	0	14.0348	1.023005	0.133982	23.0647	0.133982	45.83	-0.6314	7.649487	34.0225	0	10.27725	0.631402	0.082542	23.058	0.082542
45.84	-1.02393	7.634135	34.066	0	14.03175	1.023929	0.134125	23.06775	0.134125	45.84	-0.63055	7.650837	34.0225	0	10.27725	0.630553	0.082416	23.058	0.082416
45.85	-1.02452	7.633333	34.0662	0	14.02883	1.024519	0.134217	23.07068	0.134217	45.85	-0.63111	7.651639	34.0233	0	10.26545	0.631107	0.08248	23.0698	0.08248
45.86	-1.02566	7.632858	34.0665	0	14.022	1.025664	0.134375	23.0775	0.134375	45.86	-0.63137	7.651129	34.0233	0	10.2625	0.631365	0.082519	23.07275	0.082519
45.87	-1.02578	7.633842	34.0665	0	14.022	1.025775	0.134372	23.0775	0.134372	45.87	-0.63133	7.649451	34.0234	0	10.25943	0.631328	0.082533	23.07583	0.082533
45.88	-1.02618	7.636068	34.0673	0	14.0098	1.026181	0.134386	23.0897	0.134386	45.88	-0.62985	7.648467	34.023	0	10.25225	0.629851	0.08235	23.083	0.08235
45.89	-1.026	7.638584	34.0675	0	14.00675	1.025996	0.134318	23.09275	0.134318	45.89	-0.62993	7.647153	34.023	0	10.25225	0.629925	0.082374	23.083	0.082374
45.9	-1.02655	7.641611	34.0678	0	14.00368	1.02655	0.134337	23.09583	0.134337	45.9	-0.63096	7.646279	34.0234	0	10.24045	0.630959	0.082518	23.0948	0.082518
45.91	-1.0271	7.644674	34.0685	0	13.9965	1.027104	0.134356	23.103	0.134356	45.91	-0.63188	7.646498	34.0235	0	10.2375	0.631882	0.082637	23.09775	0.082637
45.92	-1.02895	7.648284	34.0685	0	13.9965	1.028951	0.134534	23.103	0.134534	45.92	-0.63159	7.648686	34.0237	0	10.23443	0.631587	0.082573	23.10083	0.082573
45.93	-1.03054	7.651202	34.0693	0	13.9845	1.030538	0.13469	23.115	0.13469	45.93	-0.63103	7.651895	34.024	0	10.22725	0.631033	0.082468	23.108	0.082468
45.94	-1.03146	7.654375	34.0695	0	13.9815	1.031462	0.134755	23.118	0.134755	45.94	-0.63107	7.654849	34.024	0	10.22725	0.63107	0.082441	23.108	0.082441
45.95	-1.03091	7.657438	34.0698	0	13.97835	1.030908	0.134628	23.12115	0.134628	45.95	-0.63078	7.65824	34.0252	0	10.225	0.630775	0.082365	23.12	0.082365
45.96	-1.03091	7.660282	34.0705	0	13.971	1.030908	0.134578	23.1285	0.134578	45.96	-0.62996	7.661334	34.0255	0	10.21225	0.629962	0.082226	23.123	0.082226
45.97	-1.03213	7.662251	34.0705	0	13.971	1.032126	0.134703	23.1285	0.134703	45.97	-0.63015	7.663528	34.0257	0	10.20918	0.630147	0.082227	23.12608	0.082227
45.98	-1.03383	7.664513	34.0713	0	13.9594	1.033825	0.134885	23.1401	0.134885	45.98	-0.631	7.667066	34.026	0	10.202	0.630996	0.0823	23.13325	0.0823
45.99	-1.03486	7.666373	34.0715	0	13.9565	1.034859	0.134987	23.1401	0.134987	45.99	-0.63133	7.66889	34.026	0	10.202	0.631328	0.082323	23.13325	0.082323
46	-1.0346	7.669072	34.0718	0	13.95343	1.0346	0.134906	23.14608	0.134906	46	-0.63114	7.671405	34.0272	0	10.1898	0.631144	0.082272	23.14545	0.082272
46.01	-1.03501	7.671879	34.0725	0	13.94625	1.035006	0.134909	23.15325	0.134909	46.01	-0.63174	7.673134	34.0275	0	10.18675	0.631735	0.082331	23.1485	0.082331
46.02	-1.03578	7.675344	34.0725	0	13.94625	1.035782	0.134949	23.15325	0.134949	46.02	-0.63176	7.675964	34.0276	0	10.18383	0.632658	0.082602	23.15143	0.082602
46.03	-1.03623	7.677642	34.0733	0	13.93425	1.036225	0.134967	23.16525	0.134967	46.03	-0.63384	7.67859	34.028	0	10.177	0.633839	0.082546	23.15825	0.082546
46.04	-1.03611	7.680887	34.0735																

46.61	-1.07995	7.770381	34.09	0	13.6435	1.079946	0.138982	23.456	0.138982	46.61	-0.6581	7.77122	34.0445	0	9.884501	0.6581	0.084684	23.45075	0.084684
46.62	-1.08087	7.773444	34.09	0	13.6435	1.080869	0.139046	23.456	0.139046	46.62	-0.65906	7.774867	34.0447	0	9.881426	0.65906	0.084768	23.45383	0.084768
46.63	-1.08187	7.775377	34.0908	0	13.6313	1.081866	0.139114	23.4682	0.139114	46.63	-0.66043	7.777821	34.045	0	9.87425	0.660426	0.084911	23.461	0.084911
46.64	-1.08331	7.777711	34.091	0	13.62825	1.083306	0.139283	23.47125	0.139283	46.64	-0.6608	7.781358	34.045	0	9.87425	0.660796	0.08492	23.461	0.08492
46.65	-1.08523	7.779461	34.0913	0	13.62525	1.085226	0.139499	23.47425	0.139499	46.65	-0.66069	7.783546	34.0462	0	9.86225	0.660685	0.084882	23.473	0.084882
46.66	-1.08626	7.782489	34.092	0	13.61825	1.08626	0.139577	23.48125	0.139577	46.66	-0.66076	7.786062	34.0465	0	9.85925	0.660759	0.084864	23.476	0.084864
46.67	-1.08689	7.784458	34.092	0	13.61825	1.086888	0.139623	23.48125	0.139623	46.67	-0.66091	7.787922	34.0466	0	9.856175	0.660906	0.084863	23.47908	0.084863
46.68	-1.08718	7.788105	34.0928	0	13.60605	1.087183	0.139595	23.49425	0.139595	46.68	-0.66105	7.789871	34.047	0	9.849001	0.661054	0.084872	23.48625	0.084872
46.69	-1.08737	7.790366	34.093	0	13.603	1.087368	0.139579	23.4965	0.139579	46.69	-0.66201	7.790808	34.047	0	9.849001	0.662014	0.085004	23.48625	0.085004
46.7	-1.0884	7.793027	34.0932	0	13.59993	1.088402	0.139664	23.49958	0.139664	46.7	-0.66312	7.786573	34.047	0	9.837001	0.663122	0.085162	23.49825	0.085162
46.71	-1.08944	7.792919	34.0935	0	13.59275	1.089436	0.139798	23.50675	0.139798	46.71	-0.66397	7.784567	34.047	0	9.834001	0.663971	0.085293	23.50125	0.085293
46.72	-1.09047	7.792116	34.0935	0	13.59275	1.09047	0.139945	23.50675	0.139945	46.72	-0.66419	7.782671	34.0469	0	9.831	0.664193	0.085343	23.50425	0.085343
46.73	-1.09106	7.789965	34.0935	0	13.58055	1.091061	0.14006	23.5189	0.14006	46.73	-0.66515	7.780373	34.0465	0	9.824	0.665153	0.085491	23.51125	0.085491
46.74	-1.09239	7.788469	34.0935	0	13.5775	1.09239	0.140257	23.522	0.140257	46.74	-0.66622	7.779352	34.0465	0	9.824	0.666224	0.08564	23.51125	0.08564
46.75	-1.09254	7.786098	34.0934	0	13.57458	1.092538	0.140319	23.52493	0.140319	46.75	-0.66803	7.778112	34.0465	0	9.811601	0.668033	0.085886	23.52365	0.085886
46.76	-1.09213	7.785187	34.093	0	13.56775	1.092131	0.140283	23.53175	0.140283	46.76	-0.66851	7.777565	34.0465	0	9.8085	0.668513	0.085994	23.52675	0.085994
46.77	-1.09217	7.784604	34.093	0	13.56775	1.092168	0.140299	23.53175	0.140299	46.77	-0.66874	7.777966	34.0466	0	9.805575	0.668402	0.085935	23.52968	0.085935
46.78	-1.09446	7.783984	34.0934	0	13.55535	1.094458	0.140604	23.54415	0.140604	46.78	-0.66866	7.779716	34.047	0	9.798751	0.668661	0.085949	23.5365	0.085949
46.79	-1.09549	7.784713	34.0935	0	13.55225	1.095492	0.140723	23.54725	0.140723	46.79	-0.66892	7.781905	34.047	0	9.798751	0.668919	0.085958	23.5365	0.085958
46.8	-1.09586	7.787156	34.0938	0	13.54933	1.095861	0.140727	23.55018	0.140727	46.8	-0.66796	7.785406	34.0482	0	9.786551	0.667959	0.085796	23.5487	0.085796
46.81	-1.09686	7.789891	34.0945	0	13.5425	1.096858	0.140805	23.557	0.140805	46.81	-0.66796	7.788506	34.0485	0	9.783501	0.667959	0.085762	23.55175	0.085762
46.82	-1.09896	7.792007	34.0945	0	13.5425	1.098963	0.141037	23.557	0.141037	46.82	-0.66814	7.792043	34.0486	0	9.780576	0.668144	0.085747	23.55468	0.085747
46.83	-1.10059	7.794778	34.0953	0	13.5303	1.100587	0.141195	23.5692	0.141195	46.83	-0.66947	7.795216	34.049	0	9.77375	0.669473	0.085883	23.5615	0.085883
46.84	-1.10055	7.797331	34.0955	0	13.52725	1.100551	0.141145	23.57225	0.141145	46.84	-0.6721	7.798206	34.049	0	9.77375	0.672095	0.086186	23.5615	0.086186
46.85	-1.10077	7.80065	34.0958	0	13.52425	1.100772	0.141113	23.57525	0.141113	46.85	-0.6742	7.801014	34.0502	0	9.761351	0.6742	0.086425	23.5739	0.086425
46.86	-1.10173	7.803458	34.0965	0	13.51725	1.101732	0.141185	23.58225	0.141185	46.86	-0.67376	7.800392	34.0505	0	9.75825	0.673757	0.086336	23.577	0.086336
46.87	-1.10365	7.806703	34.0965	0	13.51725	1.103652	0.141372	23.58225	0.141372	46.87	-0.67376	7.806156	34.0507	0	9.755176	0.673757	0.086311	23.58008	0.086311
46.88	-1.10424	7.809621	34.0973	0	13.50525	1.104243	0.141395	23.59425	0.141395	46.88	-0.67501	7.808819	34.051	0	9.748	0.675012	0.086442	23.58725	0.086442
46.89	-1.10376	7.812575	34.0975	0	13.50225	1.103763	0.14128	23.59725	0.14128	46.89	-0.67682	7.811043	34.051	0	9.748	0.676822	0.086649	23.58725	0.086649
46.9	-1.10428	7.815529	34.0978	0	13.4991	1.10428	0.141293	23.6004	0.141293	46.9	-0.6773	7.814325	34.0522	0	9.735801	0.677302	0.086674	23.59445	0.086674
46.91	-1.10557	7.818593	34.0985	0	13.49175	1.105573	0.141403	23.60775	0.141403	46.91	-0.67631	7.811779	34.0525	0	9.732751	0.676305	0.086508	23.6025	0.086508
46.92	-1.10687	7.820416	34.0985	0	13.49175	1.106865	0.141535	23.60775	0.141535	46.92	-0.67538	7.820817	34.0527	0	9.729751	0.675381	0.086357	23.6055	0.086357
46.93	-1.10831	7.82264	34.0993	0	13.47995	1.108305	0.141679	23.61955	0.141679	46.93	-0.6756	7.823771	34.053	0	9.722751	0.675603	0.086353	23.6125	0.086353
46.94	-1.10838	7.82523	34.0995	0	13.477	1.108379	0.141642	23.6225	0.141642	46.94	-0.67542	7.822701	34.053	0	9.722751	0.675418	0.086293	23.6125	0.086293
46.95	-1.10831	7.827855	34.0997	0	13.47393	1.108305	0.141585	23.62558	0.141585	46.95	-0.67335	7.829679	34.0542	0	9.717515	0.673351	0.086	23.6245	0.086
46.96	-1.10867	7.830772	34.1	0	13.46675	1.108674	0.141579	23.63275	0.141579	46.96	-0.67283	7.831648	34.0545	0	9.70775	0.672834	0.085912	23.6275	0.085912
46.97	-1.10908	7.834128	34.1	0	13.46675	1.109081	0.14157	23.63275	0.14157	46.97	-0.67409	7.833763	34.0546	0	9.7046	0.674089	0.086049	23.63065	0.086049
46.98	-1.10915	7.837082	34.1012	0	13.45495	1.109154	0.141526	23.64455	0.141526	46.98	-0.67494	7.83617	34.055	0	9.69725	0.674938	0.086131	23.638	0.086131
46.99	-1.10952	7.840364	34.1015	0	13.452	1.109524	0.141514	23.64575	0.141514	46.99	-0.67546	7.838176	34.055	0	9.69725	0.675455	0.086175	23.638	0.086175
47	-1.11045	7.843428	34.1018	0	13.44885	1.110447	0.141577	23.65065	0.141577	47	-0.67571	7.841094	34.0562	0	9.684551	0.675714	0.086176	23.6498	0.086176
47.01	-1.11248	7.845907	34.1025	0	13.4415	1.112478	0.141791	23.658	0.141791	47.01	-0.67509	7.843901	34.0565	0	9.682501	0.675086	0.086085	23.65275	0.086085
47.02	-1.11366	7.848168	34.1025	0	13.4415	1.113659	0.141901	23.658	0.141901	47.02	-0.67475	7.846454	34.0567	0	9.679426	0.674754	0.086095	23.65583	0.086095
47.03	-1.11473	7.850064	34.1029	0	13.4293	1.11473	0.142003	23.6702	0.142003	47.03	-0.67605	7.849335	34.057	0	9.672251	0.676046	0.086128	23.663	0.086128
47.04	-1.11599	7.851001	34.103	0	13.42625	1.115986	0.142162	23.67325	0.142162	47.04	-0.67634	7.852034	34.057	0	9.672251	0.676342	0.086136	23.663	0.086136
47.05	-1.11768	7.849299	34.103	0	13.42333	1.117684	0.142393	23.67618	0.142393	47.05	-0.67523	7.85342	34.0578	0	9.660251	0.675234	0.08598	23.675	0.08598
47.06	-1.11898	7.848423	34.103	0	13.4165	1.118977	0.142573	23.683	0.142573	47.06	-0.67546	7.853274	34.058	0	9.65725	0.675455	0.086009	23.678	0.086009
47.07	-1.11975	7.846673	34.103	0	13.4165	1.119752	0.142704	23.683	0.142704	47.07	-0.6766	7.851779	34.058	0	9.654325	0.6766	0.086172	23.68093	0.086172
47.08	-1.11887	7.845214	34.103	0	13.4041	1.118866	0.142618	23.6954	0.142618	47.08	-0.67786	7.849663	34.058	0	9.6475	0.677856	0.086355	23.68775	0.086355
47.09	-1.1199	7.843428	34.103	0	13.401	1.1199	0.142782	23.6985	0.142782	47.09	-0.67749	7.848168	34.058	0	9.6475	0.677486	0.086324	23.68775	0.086324
47.1	-1.12101	7.842187	34.1029	0	13.39808	1.121008	0.142946	23.70143	0.142946	47.1	-0.67697	7.846089	34.0576	0	9.635301	0.676969	0.086281	23.69995	0.086281
47.11	-1.12156	7.840583	34.1025	0	13.39125	1.121562	0.143046	23.70825	0.143046	47.11	-0.67671	7.845178	34.0575	0	9.632251	0.676711	0.086258	23.703	0.086258
47.12	-1.12057	7.839598	34.1025	0	13.39125	1.120565	0.142936	23.70825	0.142936	47.12	-0.67708	7.84423	34.0577	0	9.629176	0.67708	0.086316	23.70608	0.086316
47.13	-1.12057	7.839416	34																

47.7	-1.19065	7.957666	34.1212	0	13.09568	1.190651	0.149623	24.00383	0.149623	47.7	-0.68162	7.937735	34.0743	0	9.3323	0.681622	0.085871	24.00295	0.085871
47.71	-1.19342	7.958558	34.1215	0	13.0885	1.19342	0.149954	24.011	0.149954	47.71	-0.68151	7.941382	34.0745	0	9.32925	0.681511	0.085818	24.006	0.085818
47.72	-1.19608	7.957099	34.1215	0	13.0885	1.196079	0.150316	24.011	0.150316	47.72	-0.68229	7.942403	34.0748	0	9.326325	0.682287	0.085904	24.00893	0.085904
47.73	-1.19715	7.956334	34.1215	0	13.0769	1.19715	0.150465	24.0226	0.150465	47.73	-0.68317	7.945977	34.0755	0	9.3195	0.683173	0.085977	24.01575	0.085977
47.74	-1.19874	7.954109	34.1215	0	13.074	1.198738	0.150707	24.0255	0.150707	47.74	-0.68343	7.9478	34.0755	0	9.3195	0.683431	0.08599	24.01575	0.08599
47.75	-1.19985	7.952979	34.1214	0	13.07085	1.199845	0.150867	24.02865	0.150867	47.75	-0.68391	7.951921	34.0763	0	9.307301	0.683911	0.086006	24.02795	0.086006
47.76	-1.20151	7.950572	34.121	0	13.0635	1.201507	0.151122	24.036	0.151122	47.76	-0.68436	7.954328	34.0765	0	9.304251	0.684355	0.086036	24.031	0.086036
47.77	-1.20206	7.950389	34.121	0	13.0635	1.202061	0.151195	24.036	0.151195	47.77	-0.68476	7.958223	34.0768	0	9.301265	0.684761	0.086044	24.03393	0.086044
47.78	-1.20291	7.949624	34.1214	0	13.0513	1.20291	0.151317	24.0482	0.151317	47.78	-0.68639	7.960491	34.0775	0	9.2945	0.686386	0.086224	24.04075	0.086224
47.79	-1.20465	7.951338	34.1215	0	13.04825	1.204646	0.151502	24.05125	0.151502	47.79	-0.68871	7.963846	34.0775	0	9.2945	0.688712	0.08648	24.04075	0.08648
47.8	-1.20734	7.952614	34.1218	0	13.04533	1.207341	0.151817	24.05418	0.151817	47.8	-0.68779	7.966071	34.0783	0	9.282101	0.687789	0.08634	24.05315	0.08634
47.81	-1.20952	7.955896	34.1225	0	13.0385	1.20952	0.152028	24.061	0.152028	47.81	-0.68846	7.969353	34.0785	0	9.279	0.688459	0.086137	24.05625	0.086137
47.82	-1.21155	7.957355	34.1225	0	13.0385	1.211551	0.152255	24.061	0.152255	47.82	-0.68879	7.970629	34.0787	0	9.276075	0.688793	0.086253	24.05918	0.086253
47.83	-1.21277	7.96082	34.1233	0	13.0261	1.21277	0.152342	24.0734	0.152342	47.83	-0.68886	7.973729	34.0789	0	9.269251	0.68886	0.086391	24.066	0.086391
47.84	-1.21373	7.962606	34.1235	0	13.023	1.21373	0.152429	24.0765	0.152429	47.84	-0.68945	7.975516	34.079	0	9.269251	0.68945	0.086446	24.066	0.086446
47.85	-1.21436	7.966655	34.1238	0	13.02008	1.214357	0.15243	24.07943	0.15243	47.85	-0.68938	7.97847	34.0802	0	9.25251	0.689377	0.086405	24.078	0.086405
47.86	-1.21513	7.969353	34.1245	0	13.01325	1.215133	0.152476	24.08625	0.152476	47.86	-0.68927	7.981242	34.0805	0	9.254251	0.689266	0.086361	24.081	0.086361
47.87	-1.21698	7.973584	34.1245	0	13.01325	1.216979	0.152626	24.08625	0.152626	47.87	-0.68997	7.984086	34.0808	0	9.251101	0.689967	0.086418	24.08415	0.086418
47.88	-1.21757	7.975772	34.1253	0	13.00105	1.21757	0.152659	24.09845	0.152659	47.88	-0.69056	7.986603	34.0815	0	9.243751	0.690558	0.086465	24.0915	0.086465
47.89	-1.21838	7.979966	34.1255	0	12.998	1.218382	0.152668	24.1015	0.152668	47.89	-0.69078	7.989921	34.0815	0	9.243751	0.69078	0.086456	24.0915	0.086456
47.9	-1.21809	7.982701	34.1258	0	12.99508	1.218087	0.152591	24.10443	0.152591	47.9	-0.69156	7.991963	34.0823	0	9.23155	0.691555	0.086531	24.1037	0.086531
47.91	-1.22016	7.985655	34.1265	0	12.98825	1.220155	0.152793	24.11125	0.152793	47.91	-0.69237	7.994298	34.0825	0	9.2255	0.692368	0.086608	24.10675	0.086608
47.92	-1.22322	7.987077	34.1265	0	12.98825	1.22322	0.15315	24.11125	0.15315	47.92	-0.69266	7.995756	34.0826	0	9.2255	0.692663	0.086629	24.10975	0.086629
47.93	-1.22525	7.990213	34.1273	0	12.97585	1.225251	0.153344	24.12365	0.153344	47.93	-0.69307	7.997033	34.083	0	9.2185	0.693069	0.086666	24.11675	0.086666
47.94	-1.2261	7.99189	34.1275	0	12.97275	1.2261	0.153418	24.12675	0.153418	47.94	-0.69429	7.996559	34.083	0	9.2185	0.694288	0.086823	24.11675	0.086823
47.95	-1.22747	7.995501	34.1278	0	12.96968	1.227466	0.15352	24.12983	0.15352	47.95	-0.69488	7.9951	34.0834	0	9.206301	0.694879	0.086913	24.12895	0.086913
47.96	-1.22898	7.99758	34.1285	0	12.9625	1.22898	0.153669	24.137	0.153669	47.96	-0.69525	7.993678	34.0835	0	9.203251	0.695248	0.086975	24.132	0.086975
47.97	-1.23083	8.001554	34.1285	0	12.9625	1.230826	0.153823	24.137	0.153823	47.97	-0.69613	7.992037	34.0834	0	9.200761	0.696134	0.087103	24.13508	0.087103
47.98	-1.23286	8.003743	34.1293	0	12.9507	1.232857	0.154035	24.1488	0.154035	47.98	-0.6975	7.990359	34.083	0	9.193001	0.6975	0.087293	24.14225	0.087293
47.99	-1.23507	8.007061	34.1295	0	12.94775	1.235073	0.154248	24.15175	0.154248	47.99	-0.69769	7.988733	34.083	0	9.193001	0.697685	0.087331	24.14225	0.087331
48	-1.23707	8.008448	34.1298	0	12.94468	1.237067	0.15447	24.15483	0.15447	48	-0.69861	7.987879	34.083	0	9.1812	0.698608	0.087459	24.15405	0.087459
48.01	-1.23906	8.009213	34.1305	0	12.9375	1.239061	0.154704	24.162	0.154704	48.01	-0.69899	7.987478	34.083	0	9.17825	0.698904	0.0875	24.157	0.0875
48.02	-1.24128	8.007718	34.1305	0	12.9375	1.241277	0.15501	24.162	0.15501	48.02	-0.70053	7.988608	34.0831	0	9.175176	0.700528	0.087691	24.16008	0.087691
48.03	-1.24353	8.006186	34.1301	0	12.9257	1.243529	0.155321	24.1738	0.155321	48.03	-0.70127	7.991453	34.0835	0	9.168	0.701267	0.087752	24.16725	0.087752
48.04	-1.2453	8.004107	34.13	0	12.92275	1.245301	0.155583	24.17675	0.155583	48.04	-0.70182	7.995063	34.0835	0	9.168	0.701821	0.087782	24.16725	0.087782
48.05	-1.24648	8.002648	34.1299	0	12.9196	1.246483	0.155759	24.1799	0.155759	48.05	-0.70226	7.998309	34.0847	0	9.156001	0.702264	0.087802	24.17925	0.087802
48.06	-1.248	8.001445	34.1295	0	12.91225	1.247997	0.155971	24.18725	0.155971	48.06	-0.70304	8.001627	34.083	0	9.153001	0.703039	0.087862	24.18225	0.087862
48.07	-1.24936	8.000643	34.1295	0	12.91225	1.249363	0.156158	24.18725	0.156158	48.07	-0.70585	8.005238	34.0853	0	9.150076	0.705846	0.088173	24.18518	0.088173
48.08	-1.25043	8.000497	34.1303	0	12.90005	1.250434	0.156295	24.19945	0.156295	48.08	-0.70869	8.007682	34.086	0	9.14325	0.708689	0.088501	24.192	0.088501
48.09	-1.25091	8.001992	34.1305	0	12.897	1.250914	0.156325	24.2025	0.156325	48.09	-0.71024	8.010672	34.086	0	9.14325	0.71024	0.088662	24.192	0.088662
48.1	-1.25272	8.003707	34.1306	0	12.89408	1.252724	0.156518	24.20543	0.156518	48.1	-0.71076	8.013079	34.0868	0	9.13105	0.710757	0.0887	24.2042	0.0887
48.11	-1.25416	8.005749	34.131	0	12.88725	1.254164	0.156658	24.21225	0.156658	48.11	-0.71242	8.015585	34.087	0	9.128	0.712419	0.088876	24.20725	0.088876
48.12	-1.25627	8.00863	34.131	0	12.88725	1.256269	0.156864	24.21225	0.156864	48.12	-0.71423	8.018549	34.0873	0	9.124926	0.714228	0.089072	24.21033	0.089072
48.13	-1.25845	8.011437	34.1322	0	12.87505	1.258467	0.157081	24.22445	0.157081	48.13	-0.71622	8.021685	34.088	0	9.11775	0.716222	0.089286	24.2175	0.089286
48.14	-1.25893	8.015012	34.1325	0	12.872	1.258927	0.157071	24.2275	0.157071	48.14	-0.71644	8.024311	34.088	0	9.11775	0.716443	0.089284	24.2175	0.089284
48.15	-1.25956	8.017819	34.1327	0	12.86908	1.259555	0.157094	24.23045	0.157094	48.15	-0.71615	8.028176	34.0888	0	9.105751	0.716148	0.089820	24.2295	0.089820
48.16	-1.26192	8.021284	34.133	0	12.86225	1.261918	0.157321	24.23725	0.157321	48.16	-0.71615	8.030766	34.089	0	9.102751	0.716148	0.089176	24.2325	0.089176
48.17	-1.26306	8.024201	34.133	0	12.86225	1.263063	0.157407	24.23725	0.157407	48.17	-0.71685	8.03434	34.0893	0	9.099676	0.71685	0.089223	24.23558	0.089223
48.18	-1.26391	8.027448	34.1342	0	12.84985	1.263912	0.157449	24.24965	0.157449	48.18	-0.71678	8.037039	34.09	0	9.092501	0.716776	0.089184	24.24275	0.089184
48.19	-1.26454	8.02998	34.1345	0	12.84675	1.26454	0.157479	24.25275	0.157479	48.19	-0.71766	8.03919	34.09	0	9.092501	0.717662	0.08927	24.24275	0.08927
48.2	-1.26631	8.03248	34.1347	0	12.84368	1.266313	0.157649	24.25583	0.157649	48.2	-0.71859	8.038898	34.0908	0	9.0803	0.718585	0.089389	24.25495	0.089389
48.21	-1.26868	8.034449	34.135	0	12.8365	1.268676	0.157905	24.263	0.157905	48.21	-0.71932	8.039227	34.091	0	9.07725	0.719324	0.089477	24.258	0.089477
48.22	-1.27001	8.037148	34.135	0															

48.79	-1.31531	8.137145	34.152	0	12.544	1.315314	0.161643	24.5555	0.161643	48.79	-0.73579	8.124599	34.1065	0	8.790251	0.735793	0.090564	24.545	0.090564
48.8	-1.31517	8.14075	34.1521	0	12.541	1.315166	0.161558	24.5585	0.161558	48.8	-0.73646	8.125839	34.1069	0	8.77805	0.736458	0.090632	24.5572	0.090632
48.81	-1.3162	8.14092	34.1525	0	12.534	1.3162	0.16168	24.5655	0.16168	48.81	-0.73801	8.127079	34.1078	0	8.775001	0.738008	0.090809	24.56025	0.090809
48.82	-1.31598	8.140171	34.1525	0	12.534	1.315978	0.161665	24.5655	0.161665	48.82	-0.73819	8.129596	34.1072	0	8.771851	0.738193	0.090803	24.5634	0.090803
48.83	-1.31613	8.138275	34.1521	0	12.5216	1.316126	0.161721	24.5779	0.161721	48.83	-0.73768	8.132039	34.1075	0	8.764501	0.737676	0.090712	24.57075	0.090712
48.84	-1.31594	8.137472	34.152	0	12.5185	1.315941	0.161714	24.581	0.161714	48.84	-0.73775	8.135722	34.1075	0	8.764501	0.73775	0.09068	24.57075	0.09068
48.85	-1.31683	8.135504	34.152	0	12.5155	1.316828	0.161862	24.584	0.161862	48.85	-0.73801	8.138859	34.1087	0	8.7527	0.738008	0.090677	24.5825	0.090677
48.86	-1.31723	8.135139	34.152	0	12.5085	1.317234	0.161919	24.591	0.161919	48.86	-0.73926	8.143016	34.109	0	8.74975	0.739264	0.090785	24.5885	0.090785
48.87	-1.31775	8.133899	34.152	0	12.5085	1.317751	0.162007	24.591	0.162007	48.87	-0.74026	8.145459	34.1091	0	8.7466	0.740261	0.09088	24.5886	0.09088
48.88	-1.31723	8.134592	34.1528	0	12.4965	1.317234	0.16193	24.603	0.16193	48.88	-0.74078	8.148851	34.1095	0	8.73925	0.740778	0.090906	24.596	0.090906
48.89	-1.31738	8.136378	34.153	0	12.4935	1.317382	0.161913	24.606	0.161913	48.89	-0.74118	8.151513	34.1095	0	8.73925	0.741184	0.090926	24.596	0.090926
48.9	-1.31723	8.140244	34.1532	0	12.49043	1.317234	0.161817	24.60908	0.161817	48.9	-0.74244	8.15454	34.1107	0	8.727651	0.74244	0.091046	24.6076	0.091046
48.91	-1.31738	8.143199	34.1535	0	12.48325	1.317382	0.161777	24.61625	0.161777	48.91	-0.74325	8.156035	34.111	0	8.724751	0.743252	0.091129	24.6105	0.091129
48.92	-1.31805	8.146736	34.1535	0	12.48325	1.318046	0.161788	24.61625	0.161788	48.92	-0.74289	8.158588	34.1111	0	8.721676	0.742893	0.091069	24.61358	0.091069
48.93	-1.31927	8.149288	34.1547	0	12.47125	1.319265	0.161887	24.62825	0.161887	48.93	-0.74203	8.161286	34.1115	0	8.7145	0.742033	0.090921	24.62075	0.090921
48.94	-1.31993	8.152023	34.155	0	12.46825	1.319591	0.161914	24.63125	0.161914	48.94	-0.74133	8.164496	34.1115	0	8.7105	0.741332	0.090979	24.62075	0.090979
48.95	-1.32155	8.154176	34.1552	0	12.46525	1.321554	0.162071	24.63425	0.162071	48.95	-0.74178	8.16694	34.1115	0	8.7045	0.741775	0.090827	24.63335	0.090827
48.96	-1.32207	8.157348	34.1555	0	12.45825	1.322071	0.162071	24.64125	0.162071	48.96	-0.74314	8.170367	34.113	0	8.69875	0.743141	0.090956	24.6365	0.090956
48.97	-1.32274	8.159864	34.1555	0	12.45825	1.322736	0.162103	24.64125	0.162103	48.97	-0.74414	8.172264	34.1132	0	8.695826	0.744138	0.091057	24.63943	0.091057
48.98	-1.32303	8.163257	34.1563	0	12.44585	1.323031	0.162072	24.65365	0.162072	48.98	-0.74425	8.174707	34.1135	0	8.689	0.744249	0.091043	24.64625	0.091043
48.99	-1.32373	8.166356	34.1565	0	12.44275	1.323733	0.162096	24.65675	0.162096	48.99	-0.74443	8.174343	34.1135	0	8.689	0.744434	0.09107	24.64625	0.09107
49	-1.32536	8.170403	34.1568	0	12.43975	1.325358	0.162214	24.65975	0.162214	49	-0.74462	8.173139	34.1139	0	8.677001	0.744618	0.091106	24.65825	0.091106
49.01	-1.32709	8.173285	34.1575	0	12.43275	1.327093	0.16237	24.66675	0.16237	49.01	-0.74443	8.171935	34.114	0	8.674001	0.744434	0.091096	24.66125	0.091096
49.02	-1.32763	8.176603	34.1575	0	12.43275	1.327632	0.162394	24.66675	0.162394	49.02	-0.74477	8.170039	34.1139	0	8.671076	0.744766	0.091158	24.66418	0.091158
49.03	-1.32874	8.178245	34.1583	0	12.42075	1.328718	0.16247	24.67875	0.16247	49.03	-0.7458	8.168288	34.1135	0	8.66425	0.7458	0.091304	24.671	0.091304
49.04	-1.33034	8.178792	34.1585	0	12.41775	1.330343	0.162658	24.68175	0.162658	49.04	-0.74678	8.169674	34.1135	0	8.66425	0.746797	0.091445	24.671	0.091445
49.05	-1.33152	8.176859	34.1585	0	12.4146	1.331524	0.162841	24.6849	0.162841	49.05	-0.7472	8.166479	34.1131	0	8.65165	0.747203	0.091517	24.6836	0.091517
49.06	-1.33282	8.176713	34.1585	0	12.40725	1.332817	0.163002	24.69225	0.163002	49.06	-0.74687	8.163475	34.1131	0	8.6485	0.746871	0.091489	24.68675	0.091489
49.07	-1.33337	8.174562	34.1585	0	12.40725	1.333371	0.163112	24.69225	0.163112	49.07	-0.74635	8.162709	34.1132	0	8.645426	0.746354	0.091435	24.68983	0.091435
49.08	-1.33248	8.173796	34.1585	0	12.39545	1.332484	0.163019	24.70405	0.163019	49.08	-0.74635	8.162271	34.1135	0	8.63825	0.746354	0.091439	24.697	0.091439
49.09	-1.332	8.172009	34.1585	0	12.3925	1.332004	0.162996	24.707	0.162996	49.09	-0.74672	8.162891	34.1135	0	8.63825	0.746723	0.091478	24.697	0.091478
49.1	-1.3337	8.171935	34.1585	0	12.38943	1.333703	0.163205	24.71008	0.163205	49.1	-0.74735	8.16559	34.1143	0	8.626651	0.747351	0.091524	24.7086	0.091524
49.11	-1.33485	8.171753	34.1585	0	12.38225	1.334848	0.163349	24.71725	0.163349	49.11	-0.74813	8.167706	34.1145	0	8.623751	0.748126	0.091596	24.7115	0.091596
49.12	-1.33459	8.174598	34.1585	0	12.38225	1.334589	0.163261	24.71725	0.163261	49.12	-0.74802	8.170403	34.1147	0	8.620361	0.748015	0.091552	24.71465	0.091552
49.13	-1.33444	8.176457	34.1593	0	12.37045	1.334442	0.163205	24.72905	0.163205	49.13	-0.74824	8.172702	34.1145	0	8.616251	0.748237	0.091553	24.722	0.091553
49.14	-1.33422	8.180432	34.1595	0	12.3675	1.33422	0.163099	24.732	0.163099	49.14	-0.74842	8.175882	34.115	0	8.613251	0.748422	0.091544	24.722	0.091544
49.15	-1.33485	8.182549	34.1598	0	12.36435	1.334848	0.163133	24.73515	0.163133	49.15	-0.74912	8.178682	34.1162	0	8.60105	0.749123	0.091595	24.7342	0.091595
49.16	-1.33573	8.18645	34.1605	0	12.357	1.335734	0.163164	24.7425	0.163164	49.16	-0.74813	8.182293	34.1165	0	8.598001	0.748126	0.091432	24.73725	0.091432
49.17	-1.33743	8.188967	34.1605	0	12.357	1.337433	0.163321	24.7425	0.163321	49.17	-0.74768	8.185174	34.1166	0	8.595076	0.747683	0.091346	24.74018	0.091346
49.18	-1.34042	8.192832	34.1613	0	12.3452	1.340424	0.163609	24.7543	0.163609	49.18	-0.74968	8.188931	34.117	0	8.58825	0.749677	0.091548	24.747	0.091548
49.19	-1.34105	8.195385	34.1615	0	12.34225	1.341051	0.163635	24.75725	0.163635	49.19	-0.75226	8.191592	34.117	0	8.58825	0.752262	0.091833	24.747	0.091833
49.2	-1.34146	8.198996	34.1618	0	12.33918	1.341458	0.163612	24.76033	0.163612	49.2	-0.75215	8.194619	34.1182	0	8.57858	0.752151	0.091786	24.7594	0.091786
49.21	-1.34294	8.20122	34.1625	0	12.332	1.342935	0.163748	24.7675	0.163748	49.21	-0.7513	8.196697	34.1185	0	8.57275	0.751302	0.091659	24.7625	0.091659
49.22	-1.34423	8.203918	34.1625	0	12.332	1.344227	0.163852	24.7675	0.163852	49.22	-0.75167	8.199798	34.1185	0	8.569675	0.751671	0.091669	24.76558	0.091669
49.23	-1.34519	8.20545	34.1633	0	12.3202	1.345187	0.163938	24.7793	0.163938	49.23	-0.75259	8.201621	34.119	0	8.5625	0.752594	0.091762	24.77275	0.091762
49.24	-1.34652	8.209097	34.1635	0	12.31725	1.346516	0.164027	24.78225	0.164027	49.24	-0.75219	8.20483	34.119	0	8.5625	0.752188	0.091676	24.77275	0.091676
49.25	-1.34807	8.211285	34.1638	0	12.3141	1.348067	0.164173	24.7854	0.164173	49.25	-0.75237	8.207091	34.1198	0	8.5507	0.752373	0.091673	24.7845	0.091673
49.26	-1.34918	8.215625	34.1645	0	12.30675	1.349175	0.164221	24.79275	0.164221	49.26	-0.75344	8.210738	34.1192	0	8.54775	0.753444	0.091763	24.7875	0.091763
49.27	-1.35002	8.218432	34.1645	0	12.30675	1.350024	0.164268	24.79275	0.164268	49.27	-0.75344	8.213036	34.1203	0	8.544676	0.753444	0.091738	24.79058	0.091738
49.28	-1.34943	8.222225	34.1657	0	12.29475	1.349434	0.16412	24.80475	0.16412	49.28	-0.75319	8.211723	34.121	0	8.5375	0.753185	0.091659	24.79775	0.091659
49.29	-1.34984	8.224496	34.1666	0	12.29175	1.349884	0.164115	24.80775	0.164115	49.29	-0.75355	8.219199	34.121	0	8.5305	0.753554	0.091682	24.79775	0.091682
49.3	-1.35128	8.227441	34.1661	0	12.28883	1.35128	0.164241	24.81068	0.164241	49.3	-0.75474	8.222518	34.1222	0	8.5255	0.754736	0.091789	24.80975	0.091789
49.31	-1.35327	8.228061	34.1665	0	12.282	1.353274	0.16447												

49.88	-1.43562	8.303003	34.1798	0	11.99225	1.43562	0.172904	25.10725	0.172904	49.88	-0.74547	8.317518	34.1385	0	8.235001	0.745468	0.089626	25.10025	0.089626
49.89	-1.43732	8.306832	34.18	0	11.98925	1.437318	0.173028	25.11025	0.173028	49.89	-0.74491	8.318903	34.1385	0	8.235001	0.744914	0.089545	25.10025	0.089545
49.9	-1.43876	8.309859	34.1803	0	11.98618	1.438758	0.173139	25.11333	0.173139	49.9	-0.7458	8.321402	34.1393	0	8.2228	0.7458	0.089624	25.11245	0.089624
49.91	-1.44035	8.313798	34.181	0	11.979	1.440346	0.173248	25.1205	0.173248	49.91	-0.74517	8.323462	34.1395	0	8.21975	0.745172	0.089527	25.1155	0.089527
49.92	-1.4423	8.316607	34.181	0	11.979	1.442303	0.173242	25.1205	0.173242	49.92	-0.74532	8.326052	34.1397	0	8.216825	0.74532	0.089517	25.11843	0.089517
49.93	-1.44275	8.320544	34.1818	0	11.9674	1.442746	0.173396	25.1321	0.173396	49.93	-0.74595	8.327182	34.14	0	8.21	0.745948	0.08958	25.12525	0.08958
49.94	-1.44352	8.322952	34.182	0	11.9645	1.443522	0.173439	25.135	0.173439	49.94	-0.74669	8.326818	34.14	0	8.21	0.746686	0.089672	25.12525	0.089672
49.95	-1.44371	8.326197	34.1823	0	11.96143	1.443706	0.173393	25.13808	0.173393	49.95	-0.74665	8.324776	34.14	0	8.197801	0.746649	0.08969	25.13745	0.08969
49.96	-1.44511	8.328167	34.183	0	11.95425	1.44511	0.173521	25.14525	0.173521	49.96	-0.74639	8.323353	34.14	0	8.194751	0.746391	0.089674	25.14005	0.089674
49.97	-1.4457	8.331558	34.183	0	11.95425	1.4457	0.173521	25.14525	0.173521	49.97	-0.74602	8.321274	34.14	0	8.191676	0.746021	0.089652	25.14358	0.089652
49.98	-1.44673	8.333454	34.1838	0	11.94185	1.446734	0.173606	25.15765	0.173606	49.98	-0.74525	8.32018	34.14	0	8.184501	0.745246	0.089571	25.15075	0.089571
49.99	-1.44725	8.337211	34.184	0	11.93875	1.447251	0.173589	25.16075	0.173589	49.99	-0.74444	8.319305	34.14	0	8.184501	0.744397	0.089478	25.15075	0.089478
50	-1.44947	8.338816	34.1842	0	11.93575	1.449467	0.173822	25.16375	0.173822	50	-0.74676	8.318138	34.14	0	8.172501	0.74676	0.089775	25.16275	0.089775
50.01	-1.45043	8.340092	34.1845	0	11.92875	1.450427	0.17391	25.17075	0.17391	50.01	-0.74746	8.318903	34.14	0	8.1695	0.747462	0.089851	25.16575	0.089851
50.02	-1.45183	8.337867	34.1845	0	11.92875	1.45183	0.174125	25.17075	0.174125	50.02	-0.74602	8.321129	34.1403	0	8.166426	0.746021	0.089654	25.16883	0.089654
50.03	-1.45154	8.336992	34.1841	0	11.91675	1.451535	0.174108	25.18275	0.174108	50.03	-0.74517	8.324593	34.141	0	8.15925	0.745172	0.089515	25.176	0.089515
50.04	-1.45183	8.334293	34.184	0	11.91375	1.45183	0.1742	25.18575	0.1742	50.04	-0.74458	8.327474	34.141	0	8.15925	0.744581	0.089413	25.176	0.089413
50.05	-1.45157	8.3332	34.184	0	11.91075	1.451572	0.174191	25.18875	0.174191	50.05	-0.74495	8.330282	34.1418	0	8.14745	0.744951	0.089427	25.1878	0.089427
50.06	-1.45194	8.331012	34.184	0	11.90375	1.451941	0.174281	25.19575	0.174281	50.06	-0.74584	8.333308	34.142	0	8.144501	0.745837	0.089501	25.19075	0.089501
50.07	-1.45139	8.330573	34.184	0	11.90375	1.451387	0.174224	25.19575	0.174224	50.07	-0.74853	8.335861	34.1423	0	8.141426	0.748532	0.089797	25.19383	0.089797
50.08	-1.4519	8.330027	34.1844	0	11.89155	1.451904	0.174298	25.20795	0.174298	50.08	-0.75167	8.337758	34.143	0	8.134251	0.751671	0.090153	25.201	0.090153
50.09	-1.4519	8.332069	34.1845	0	11.8885	1.451904	0.174255	25.211	0.174255	50.09	-0.75367	8.340457	34.143	0	8.134251	0.753665	0.090363	25.201	0.090363
50.1	-1.45205	8.334038	34.1848	0	11.8855	1.452052	0.174231	25.214	0.174231	50.1	-0.75282	8.343593	34.1438	0	8.122251	0.752816	0.090227	25.213	0.090227
50.11	-1.45065	8.337976	34.1855	0	11.8785	1.450649	0.173981	25.221	0.173981	50.11	-0.75241	8.347166	34.144	0	8.11925	0.75241	0.09014	25.216	0.09014
50.12	-1.4519	8.341004	34.1855	0	11.8785	1.451904	0.174067	25.221	0.174067	50.12	-0.7533	8.350011	34.1443	0	8.116176	0.753296	0.090215	25.21908	0.090215
50.13	-1.45357	8.344176	34.1863	0	11.8663	1.453566	0.174201	25.2322	0.174201	50.13	-0.75518	8.353731	34.1445	0	8.109	0.755179	0.0904	25.22625	0.0904
50.14	-1.45445	8.346254	34.1865	0	11.86325	1.454452	0.174264	25.23625	0.174264	50.14	-0.75507	8.356612	34.145	0	8.109	0.755068	0.090356	25.22625	0.090356
50.15	-1.45493	8.349173	34.1868	0	11.86018	1.454932	0.174261	25.23933	0.174261	50.15	-0.75481	8.360223	34.1458	0	8.097001	0.75481	0.090286	25.23825	0.090286
50.16	-1.45515	8.351324	34.1875	0	11.853	1.455154	0.174242	25.2465	0.174242	50.16	-0.75514	8.362629	34.146	0	8.094001	0.755142	0.0903	25.24125	0.0903
50.17	-1.457	8.354569	34.1875	0	11.853	1.457	0.174396	25.2465	0.174396	50.17	-0.75437	8.365583	34.1463	0	8.091001	0.754367	0.090175	25.24425	0.090175
50.18	-1.45992	8.35694	34.1883	0	11.8412	1.459917	0.174695	25.2583	0.174695	50.18	-0.75381	8.367699	34.147	0	8.084001	0.753813	0.090086	25.25125	0.090086
50.19	-1.46025	8.360842	34.1885	0	11.83825	1.460249	0.174653	25.26125	0.174653	50.19	-0.75481	8.370069	34.147	0	8.084001	0.75481	0.09018	25.25125	0.09018
50.2	-1.45977	8.363979	34.1888	0	11.83518	1.459769	0.17453	25.26433	0.17453	50.2	-0.75695	8.370506	34.1478	0	8.0718	0.756952	0.090431	25.26345	0.090431
50.21	-1.45925	8.368173	34.1895	0	11.828	1.459252	0.174381	25.2715	0.174381	50.21	-0.75791	8.370506	34.148	0	8.06875	0.757912	0.090545	25.2665	0.090545
50.22	-1.46018	8.370616	34.1895	0	11.828	1.460176	0.174441	25.2715	0.174441	50.22	-0.75932	8.368847	34.1479	0	8.06575	0.759315	0.090523	25.2695	0.090523
50.23	-1.46151	8.373971	34.1903	0	11.8156	1.461505	0.174529	25.2839	0.174529	50.23	-0.7598	8.367079	34.1475	0	8.05875	0.759795	0.090804	25.2765	0.090804
50.24	-1.46128	8.376268	34.1905	0	11.8125	1.461283	0.174455	25.287	0.174455	50.24	-0.76072	8.364927	34.1475	0	8.05875	0.760718	0.090041	25.2765	0.090041
50.25	-1.46202	8.378274	34.1907	0	11.80958	1.462022	0.174502	25.28993	0.174502	50.25	-0.76142	8.363979	34.1471	0	8.046751	0.76142	0.091036	25.2885	0.091036
50.26	-1.46287	8.377655	34.191	0	11.80275	1.462871	0.174616	25.29675	0.174616	50.26	-0.76249	8.362338	34.1471	0	8.043751	0.762491	0.091181	25.2915	0.091181
50.27	-1.46475	8.376451	34.191	0	11.80275	1.464754	0.174866	25.29675	0.174866	50.27	-0.76256	8.361426	34.1472	0	8.040826	0.762564	0.09112	25.29443	0.09112
50.28	-1.46575	8.374846	34.191	0	11.79055	1.465751	0.175018	25.30895	0.175018	50.28	-0.76194	8.360551	34.1475	0	8.034	0.761937	0.091135	25.29425	0.091135
50.29	-1.46594	8.373971	34.191	0	11.7875	1.465936	0.175059	25.312	0.175059	50.29	-0.76098	8.361791	34.1475	0	8.034	0.760977	0.091006	25.30125	0.091006
50.3	-1.46649	8.3716	34.1909	0	11.7845	1.46649	0.175174	25.315	0.175174	50.3	-0.76013	8.364088	34.1483	0	8.021601	0.760127	0.09088	25.31365	0.09088
50.31	-1.46675	8.370762	34.1905	0	11.7775	1.466748	0.175223	25.322	0.175223	50.31	-0.75943	8.367845	34.1485	0	8.0185	0.759426	0.090755	25.31675	0.090755
50.32	-1.46682	8.369484	34.1905	0	11.7775	1.466822	0.175258	25.322	0.175258	50.32	-0.76016	8.370908	34.1488	0	8.015426	0.760164	0.09081	25.31983	0.09081
50.33	-1.46738	8.369084	34.1909	0	11.7653	1.467376	0.175333	25.3342	0.175333	50.33	-0.76079	8.374517	34.1495	0	8.00825	0.760792	0.090846	25.327	0.090846
50.34	-1.46834	8.36923	34.191	0	11.76225	1.468336	0.175445	25.33725	0.175445	50.34	-0.76035	8.377509	34.1495	0	8.00825	0.760349	0.090761	25.327	0.090761
50.35	-1.46878	8.371746	34.1912	0	11.75933	1.468779	0.175445	25.34018	0.175445	50.35	-0.75968	8.381411	34.1503	0	7.99645	0.759684	0.090639	25.3388	0.090639
50.36	-1.46815	8.37419	34.1915	0	11.7525	1.468152	0.175319	25.347	0.175319	50.36	-0.75909	8.38349	34.1505	0	7.9935	0.759093	0.090546	25.34175	0.090546
50.37	-1.46926	8.377837	34.1915	0	11.7525	1.469259	0.175375	25.347	0.175375	50.37	-0.75924	8.386225	34.1507	0	7.99035	0.759241	0.090534	25.34449	0.090534
50.38	-1.46959	8.380499	34.1927	0	11.7399	1.469592	0.175359	25.3596	0.175359	50.38	-0.75965	8.388741	34.151	0	7.983	0.759647	0.090556	25.35225	0.090556
50.39	-1.46996	8.384546	34.193	0	11.73675	1.469961	0.175318	25.36275	0.175318	50.39	-0.75902	8.39184	34.151	0	7.983	0.759019	0.090447	25.35225	0.090447
50.4	-1.47085	8.386808	34.1933	0	11.73375	1.470847	0.1												

50.97	-1.52302	8.493405	34.2095	0	11.4495	1.523024	0.179318	25.65	0.179318	50.97	-0.76884	8.49676	34.1695	0	7.687325	0.768842	0.090486	25.64793	0.090486
50.98	-1.52383	8.496651	34.2107	0	11.4373	1.5238	0.179341	25.6622	0.179341	50.98	-0.76925	8.494463	34.1695	0	7.685001	0.769248	0.090559	25.65475	0.090559
50.99	-1.52587	8.499277	34.2111	0	11.43425	1.525867	0.179529	25.66525	0.179529	50.99	-0.76958	8.494304	34.1695	0	7.680501	0.76958	0.090613	25.65475	0.090613
51	-1.52675	8.500627	34.2111	0	11.43133	1.526754	0.179605	25.66818	0.179605	51	-0.76814	8.49118	34.1691	0	7.6683	0.76814	0.090463	25.66695	0.090463
51.01	-1.5272	8.500955	34.2111	0	11.4245	1.527197	0.17965	25.675	0.17965	51.01	-0.76807	8.490634	34.169	0	7.66525	0.768066	0.09046	25.67	0.09046
51.02	-1.52775	8.49935	34.2111	0	11.4245	1.52775	0.179749	25.675	0.179749	51.02	-0.76674	8.49005	34.1692	0	7.662325	0.766737	0.09031	25.67293	0.09031
51.03	-1.52823	8.49811	34.2111	0	11.4121	1.528231	0.179832	25.6874	0.179832	51.03	-0.76522	8.492128	34.1695	0	7.6555	0.765223	0.09011	25.67975	0.09011
51.04	-1.52927	8.49698	34.2111	0	11.409	1.529265	0.179977	25.6905	0.179977	51.04	-0.76341	8.494827	34.1695	0	7.6505	0.763414	0.089868	25.67975	0.089868
51.05	-1.52867	8.496667	34.2111	0	11.40608	1.528674	0.179936	25.69343	0.179936	51.05	-0.76482	8.497782	34.1703	0	7.6427	0.764817	0.090002	25.69255	0.090002
51.06	-1.52864	8.496323	34.2111	0	11.39925	1.528637	0.179917	25.70025	0.179917	51.06	-0.76596	8.499605	34.1705	0	7.6395	0.765962	0.090117	25.69255	0.090117
51.07	-1.53004	8.498438	34.2111	0	11.39925	1.53004	0.180038	25.70025	0.180038	51.07	-0.76589	8.502596	34.1708	0	7.636575	0.765888	0.090077	25.69255	0.090077
51.08	-1.53004	8.501611	34.2122	0	11.38705	1.53004	0.179971	25.71245	0.179971	51.08	-0.76574	8.504419	34.1715	0	7.62975	0.76574	0.09004	25.7055	0.09004
51.09	-1.53078	8.50482	34.2125	0	11.384	1.530779	0.17999	25.7155	0.17999	51.09	-0.76666	8.5073	34.1715	0	7.62975	0.766663	0.090118	25.7055	0.090118
51.1	-1.53141	8.508357	34.2127	0	11.38108	1.531406	0.179989	25.71843	0.179989	51.1	-0.76652	8.510036	34.1723	0	7.61755	0.766516	0.090072	25.7177	0.090072
51.11	-1.53359	8.511603	34.213	0	11.37425	1.533585	0.180176	25.72525	0.180176	51.11	-0.76666	8.513719	34.1725	0	7.614501	0.766663	0.09005	25.72075	0.09005
51.12	-1.53547	8.514995	34.213	0	11.37425	1.535468	0.180325	25.72525	0.180325	51.12	-0.76666	8.516638	34.1728	0	7.611576	0.766663	0.090022	25.72368	0.090022
51.13	-1.5372	8.517803	34.2142	0	11.36145	1.537204	0.180469	25.73805	0.180469	51.13	-0.76714	8.519736	34.1735	0	7.60475	0.767143	0.090043	25.73005	0.090043
51.14	-1.53687	8.520976	34.2145	0	11.35825	1.536871	0.180363	25.74125	0.180363	51.14	-0.76751	8.522726	34.1735	0	7.60475	0.767513	0.090055	25.73005	0.090055
51.15	-1.53757	8.523054	34.2146	0	11.35533	1.537573	0.180402	25.74418	0.180402	51.15	-0.76729	8.525497	34.1743	0	7.59235	0.767291	0.09	25.7429	0.09
51.16	-1.53809	8.525899	34.215	0	11.3485	1.53809	0.180402	25.751	0.180402	51.16	-0.76666	8.529722	34.1745	0	7.589251	0.766663	0.089902	25.746	0.089902
51.17	-1.53931	8.52805	34.215	0	11.3485	1.539309	0.180499	25.751	0.180499	51.17	-0.76637	8.532911	34.1748	0	7.586326	0.766368	0.089845	25.74893	0.089845
51.18	-1.53953	8.531551	34.2162	0	11.3363	1.53953	0.180451	25.7632	0.180451	51.18	-0.76633	8.531734	34.1755	0	7.5795	0.766331	0.089821	25.75575	0.089821
51.19	-1.54127	8.533995	34.2165	0	11.33325	1.541266	0.180603	25.76625	0.180603	51.19	-0.76707	8.534578	34.1755	0	7.5795	0.767069	0.089878	25.75575	0.089878
51.2	-1.54274	8.53662	34.2167	0	11.33033	1.542743	0.180721	25.76918	0.180721	51.2	-0.76785	8.535782	34.1759	0	7.5675	0.767845	0.089956	25.76775	0.089956
51.21	-1.5444	8.536949	34.217	0	11.3235	1.544404	0.180908	25.776	0.180908	51.21	-0.76796	8.535636	34.176	0	7.5645	0.767956	0.089971	25.77075	0.089971
51.22	-1.5454	8.536475	34.217	0	11.3235	1.545401	0.181035	25.776	0.181035	51.22	-0.76777	8.533667	34.176	0	7.56133	0.767771	0.08997	25.7739	0.08997
51.23	-1.5464	8.533849	34.2166	0	11.3113	1.546398	0.181208	25.7882	0.181208	51.23	-0.76777	8.532463	34.176	0	7.554	0.767771	0.089982	25.78125	0.089982
51.24	-1.54743	8.533448	34.2165	0	11.30825	1.547432	0.181337	25.79125	0.181337	51.24	-0.767	8.529874	34.176	0	7.554	0.766996	0.089919	25.78125	0.089919
51.25	-1.54813	8.531187	34.2165	0	11.30525	1.548134	0.181468	25.79425	0.181468	51.25	-0.76618	8.528233	34.1756	0	7.542	0.766183	0.089841	25.79325	0.089841
51.26	-1.54865	8.530749	34.2165	0	11.29825	1.548651	0.181537	25.80125	0.181537	51.26	-0.76585	8.526373	34.1756	0	7.539001	0.765851	0.089821	25.79625	0.089821
51.27	-1.54932	8.529254	34.2165	0	11.29825	1.549316	0.181647	25.80125	0.181647	51.27	-0.76615	8.526009	34.1755	0	7.535925	0.766146	0.08986	25.79933	0.08986
51.28	-1.54946	8.530713	34.2169	0	11.28605	1.549463	0.181634	25.81345	0.181634	51.28	-0.76585	8.525461	34.1755	0	7.52875	0.765851	0.089831	25.8065	0.089831
51.29	-1.5495	8.53301	34.217	0	11.283	1.5495	0.181589	25.8165	0.181589	51.29	-0.76508	8.526446	34.1755	0	7.52875	0.765075	0.08979	25.8065	0.08979
51.3	-1.5502	8.537095	34.2173	0	11.27993	1.550202	0.181584	25.81958	0.181584	51.3	-0.76482	8.528452	34.1767	0	7.51715	0.764817	0.089878	25.8181	0.089878
51.31	-1.55183	8.53983	34.2178	0	11.27275	1.551826	0.181716	25.82675	0.181716	51.31	-0.76423	8.532207	34.1776	0	7.51425	0.764226	0.08957	25.821	0.08957
51.32	-1.5519	8.543184	34.218	0	11.27275	1.551901	0.181654	25.82675	0.181654	51.32	-0.76426	8.535235	34.1772	0	7.5111	0.764263	0.089542	25.82415	0.089542
51.33	-1.55231	8.5453	34.2188	0	11.26095	1.552307	0.181656	25.83855	0.181656	51.33	-0.76474	8.538225	34.1775	0	7.50375	0.764743	0.089567	25.8315	0.089567
51.34	-1.55441	8.548218	34.219	0	11.258	1.554411	0.18184	25.8415	0.18184	51.34	-0.76371	8.540924	34.1775	0	7.50375	0.763709	0.089418	25.8315	0.089418
51.35	-1.55596	8.550515	34.2193	0	11.25493	1.555962	0.181973	25.84458	0.181973	51.35	-0.76275	8.543878	34.1787	0	7.49175	0.762749	0.089274	25.8435	0.089274
51.36	-1.55685	8.554344	34.22	0	11.24775	1.556849	0.181995	25.85175	0.181995	51.36	-0.7626	8.545811	34.179	0	7.48875	0.762601	0.089237	25.8465	0.089237
51.37	-1.55829	8.557043	34.22	0	11.24775	1.558289	0.182106	25.85175	0.182106	51.37	-0.76231	8.548108	34.1791	0	7.485675	0.762306	0.089178	25.84958	0.089178
51.38	-1.55958	8.561274	34.2208	0	11.23575	1.559581	0.182167	25.86375	0.182167	51.38	-0.76175	8.551463	34.1795	0	7.4785	0.761752	0.089079	25.8575	0.089079
51.39	-1.55999	8.564045	34.221	0	11.23275	1.559987	0.182155	25.86675	0.182155	51.39	-0.76142	8.554418	34.1795	0	7.4785	0.76142	0.089009	25.8575	0.089009
51.4	-1.56224	8.567838	34.2213	0	11.22968	1.56224	0.182338	25.86983	0.182338	51.4	-0.76208	8.555759	34.1803	0	7.4663	0.762075	0.088842	25.86895	0.088842
51.41	-1.56453	8.570209	34.222	0	11.2225	1.564529	0.182554	25.877	0.182554	51.41	-0.76039	8.561091	34.1805	0	7.46325	0.760386	0.088819	25.872	0.088819
51.42	-1.56634	8.573636	34.222	0	11.2225	1.566338	0.182692	25.877	0.182692	51.42	-0.76205	8.564263	34.1808	0	7.460325	0.762047	0.08898	25.87493	0.08898
51.43	-1.56734	8.574694	34.2224	0	11.2145	1.567336	0.182786	25.885	0.182786	51.43	-0.76304	8.567182	34.1815	0	7.4535	0.763044	0.089066	25.88175	0.089066
51.44	-1.56986	8.576079	34.2225	0	11.2125	1.569862	0.183028	25.887	0.183028	51.44	-0.76275	8.570171	34.1815	0	7.4535	0.762749	0.089	25.88175	0.089
51.45	-1.57217	8.574548	34.2227	0	11.208	1.572173	0.183353	25.8915	0.183353	51.45	-0.76216	8.572762	34.1827	0	7.4413	0.762158	0.088905	25.89395	0.088905
51.46	-1.57424	8.5736	34.223	0	11.1975	1.574241	0.183615	25.902	0.183615	51.46	-0.76131	8.575277	34.183	0	7.438251	0.761309	0.08878	25.897	0.08878
51.47	-1.57564	8.571557	34.223	0	11.1975	1.575644	0.183822	25.902	0.183822	51.47	-0.76149	8.577575	34.1832	0	7.4325	0.761494	0.08877	25.9	0.08877
51.48	-1.57679	8.570792	34.2226	0	11.1853	1.576789	0.183972	25.9142	0.183972	51.48	-0.76124	8.580564	34.1835	0	7.42825	0.761235	0.088716	25.907	0.088716
51.49	-1.57749	8.569041	34.2225	0	11.18225	1.577449	0.184092												



52.06	-1.64872	8.659701	34.237	0	10.89525	1.648721	0.19039	26.20425	0.19039	52.06	-0.76567	8.663239	34.1985	0	7.136	0.765666	0.088381	26.19925	0.088381
52.07	-1.65097	8.662984	34.237	0	10.89525	1.650974	0.190578	26.20425	0.190578	52.07	-0.76762	8.664661	34.1988	0	7.132925	0.767623	0.088592	26.20233	0.088592
52.08	-1.65245	8.666229	34.2382	0	10.88325	1.652451	0.190677	26.21625	0.190677	52.08	-0.77069	8.668126	34.1998	0	7.125715	0.770688	0.088911	26.20905	0.088911
52.09	-1.65256	8.66911	34.2385	0	10.88025	1.652561	0.190626	26.21295	0.190626	52.09	-0.77087	8.669221	34.1995	0	7.125715	0.770873	0.088917	26.20905	0.088917
52.1	-1.65363	8.671736	34.2387	0	10.87718	1.653632	0.190692	26.22233	0.190692	52.1	-0.77106	8.673596	34.2003	0	7.11375	0.771057	0.088897	26.22115	0.088897
52.11	-1.65552	8.674107	34.239	0	10.87	1.655515	0.190857	26.2295	0.190857	52.11	-0.77006	8.675858	34.2005	0	7.11075	0.77006	0.088759	26.2245	0.088759
52.12	-1.6584	8.67717	34.239	0	10.87	1.658396	0.191122	26.2295	0.191122	52.12	-0.77087	8.680051	34.2008	0	7.107675	0.770873	0.08881	26.22758	0.08881
52.13	-1.66102	8.679577	34.2402	0	10.8582	1.661018	0.191371	26.2413	0.191371	52.13	-0.77154	8.681838	34.2015	0	7.1005	0.771537	0.088868	26.23475	0.088868
52.14	-1.6622	8.683005	34.2405	0	10.85525	1.662199	0.191431	26.24425	0.191431	52.14	-0.77298	8.685855	34.2015	0	7.1005	0.772978	0.088993	26.23475	0.088993
52.15	-1.66261	8.686287	34.2407	0	10.85218	1.662605	0.191406	26.24733	0.191406	52.15	-0.77346	8.687162	34.2023	0	7.0883	0.773458	0.089035	26.24695	0.089035
52.16	-1.66408	8.690007	34.241	0	10.845	1.664082	0.191494	26.2545	0.191494	52.16	-0.77342	8.690517	34.2025	0	7.08525	0.773421	0.088996	26.25	0.088996
52.17	-1.66534	8.693108	34.241	0	10.845	1.665338	0.19157	26.2545	0.19157	52.17	-0.77305	8.691648	34.2028	0	7.082325	0.773052	0.088942	26.25293	0.088942
52.18	-1.66667	8.696025	34.2422	0	10.8332	1.666667	0.191659	26.2663	0.191659	52.18	-0.7735	8.695004	34.2035	0	7.0755	0.773495	0.088959	26.25975	0.088959
52.19	-1.668	8.698614	34.2425	0	10.83025	1.667997	0.191754	26.26925	0.191754	52.19	-0.77298	8.696899	34.2035	0	7.0755	0.772978	0.08888	26.25975	0.08888
52.2	-1.66999	8.700218	34.2426	0	10.8271	1.669991	0.191948	26.2724	0.191948	52.2	-0.77438	8.700692	34.2043	0	7.0631	0.774381	0.089002	26.27215	0.089002
52.21	-1.67077	8.699963	34.243	0	10.81975	1.670766	0.192043	26.27975	0.192043	52.21	-0.77556	8.703136	34.2045	0	7.06	0.775562	0.089113	26.27525	0.089113
52.22	-1.67261	8.699015	34.243	0	10.81975	1.672612	0.192276	26.27975	0.192276	52.22	-0.77785	8.706892	34.2048	0	7.056925	0.777852	0.089337	26.27833	0.089337
52.23	-1.67298	8.696989	34.2426	0	10.80755	1.672982	0.192365	26.29195	0.192365	52.23	-0.77837	8.709409	34.2055	0	7.04975	0.778369	0.089371	26.2855	0.089371
52.24	-1.6749	8.695477	34.2425	0	10.8045	1.674902	0.192618	26.295	0.192618	52.24	-0.77922	8.71269	34.2055	0	7.04975	0.779218	0.089435	26.2855	0.089435
52.25	-1.67616	8.693253	34.2425	0	10.80158	1.676157	0.192811	26.29793	0.192811	52.25	-0.77933	8.713712	34.2063	0	7.037951	0.779329	0.089437	26.2973	0.089437
52.26	-1.67775	8.692523	34.2425	0	10.79475	1.677745	0.19301	26.30475	0.19301	52.26	-0.7794	8.714259	34.2065	0	7.035	0.779403	0.08944	26.30025	0.08944
52.27	-1.67819	8.691029	34.2425	0	10.79475	1.678188	0.193094	26.30475	0.193094	52.27	-0.7807	8.71128	34.2065	0	7.031925	0.780695	0.089603	26.30333	0.089603
52.28	-1.67955	8.691503	34.2429	0	10.78235	1.679554	0.193241	26.31715	0.193241	52.28	-0.78177	8.711451	34.2065	0	7.02475	0.781766	0.08974	26.3105	0.08974
52.29	-1.68026	8.692196	34.243	0	10.77925	1.680256	0.193306	26.32025	0.193306	52.29	-0.78099	8.709518	34.2065	0	7.02475	0.780991	0.089671	26.3105	0.089671
52.3	-1.68251	8.695332	34.2431	0	10.77633	1.682509	0.193496	26.32318	0.193496	52.3	-0.78033	8.70784	34.2061	0	7.0195	0.780326	0.089612	26.3223	0.089612
52.31	-1.68384	8.69803	34.2435	0	10.7695	1.683838	0.193588	26.33	0.193588	52.31	-0.77929	8.705178	34.206	0	7.02	0.779292	0.089521	26.32525	0.089521
52.32	-1.68613	8.701932	34.2435	0	10.7695	1.686127	0.193765	26.33	0.193765	52.32	-0.77796	8.702042	34.2059	0	7.00685	0.777963	0.0894	26.3284	0.0894
52.33	-1.68639	8.705251	34.2447	0	10.7573	1.686386	0.193721	26.3422	0.193721	52.33	-0.77571	8.699197	34.2055	0	6.9995	0.77571	0.08917	26.33575	0.08917
52.34	-1.6872	8.709445	34.245	0	10.75425	1.687198	0.193721	26.34525	0.193721	52.34	-0.77383	8.696993	34.2055	0	6.9995	0.773827	0.088966	26.33575	0.088966
52.35	-1.68749	8.712836	34.2453	0	10.75118	1.687494	0.193679	26.34833	0.193679	52.35	-0.77346	8.696205	34.2055	0	6.9877	0.773458	0.088944	26.34755	0.088944
52.36	-1.68901	8.716337	34.246	0	10.744	1.689008	0.193775	26.3555	0.193775	52.36	-0.77327	8.69617	34.2055	0	6.98475	0.773273	0.088921	26.3505	0.088921
52.37	-1.69037	8.719182	34.246	0	10.744	1.690374	0.193868	26.3555	0.193868	52.37	-0.77338	8.696973	34.2058	0	6.981675	0.773384	0.088926	26.35358	0.088926
52.38	-1.69277	8.721188	34.2468	0	10.732	1.692774	0.194084	26.3675	0.194084	52.38	-0.77324	8.699124	34.2065	0	6.9745	0.773236	0.088887	26.36075	0.088887
52.39	-1.69433	8.724397	34.247	0	10.729	1.694325	0.194205	26.3705	0.194205	52.39	-0.77198	8.701065	34.2065	0	6.9645	0.771981	0.088723	26.36075	0.088723
52.4	-1.69702	8.726768	34.2472	0	10.72593	1.697021	0.194462	26.37358	0.194462	52.4	-0.77132	8.703646	34.2073	0	6.972	0.771316	0.08882	26.37315	0.08882
52.41	-1.69938	8.729667	34.2475	0	10.71875	1.699384	0.194663	26.38075	0.194663	52.41	-0.77283	8.706381	34.2075	0	6.959	0.772833	0.088766	26.37625	0.088766
52.42	-1.70193	8.732602	34.2475	0	10.71875	1.701932	0.194894	26.38075	0.194894	52.42	-0.77394	8.70908	34.2076	0	6.956075	0.773938	0.088866	26.37918	0.088866
52.43	-1.703	8.735848	34.2487	0	10.70695	1.703003	0.194944	26.39255	0.194944	52.43	-0.7746	8.712399	34.208	0	6.94925	0.774602	0.088908	26.386	0.088908
52.44	-1.7037	8.739568	34.249	0	10.704	1.703704	0.194941	26.3955	0.194941	52.44	-0.77501	8.715571	34.208	0	6.94925	0.775009	0.088922	26.386	0.088922
52.45	-1.705	8.741391	34.2491	0	10.70093	1.704997	0.195049	26.39858	0.195049	52.45	-0.77534	8.71889	34.2092	0	6.93725	0.775341	0.088927	26.398	0.088927
52.46	-1.70758	8.74099	34.2495	0	10.69375	1.707582	0.195353	26.40575	0.195353	52.46	-0.77567	8.722465	34.2095	0	6.93425	0.775673	0.088928	26.401	0.088928
52.47	-1.71024	8.739422	34.2495	0	10.69375	1.71024	0.195693	26.40575	0.195693	52.47	-0.77505	8.725491	34.2098	0	6.93125	0.775045	0.088825	26.404	0.088825
52.48	-1.71271	8.736796	34.2491	0	10.68135	1.712714	0.196035	26.41815	0.196035	52.48	-0.77416	8.728955	34.2105	0	6.92425	0.774159	0.088689	26.411	0.088689
52.49	-1.71475	8.735119	34.249	0	10.67825	1.714745	0.196305	26.42125	0.196305	52.49	-0.7766	8.730742	34.2105	0	6.92425	0.776596	0.08895	26.411	0.08895
52.5	-1.71622	8.732311	34.2489	0	10.67533	1.716222	0.196537	26.42418	0.196537	52.5	-0.77818	8.733186	34.2113	0	6.91185	0.778184	0.089107	26.4234	0.089107
52.51	-1.71674	8.73056	34.2485	0	10.6685	1.716739	0.196636	26.4241	0.196636	52.51	-0.77852	8.735483	34.2115	0	6.908751	0.778517	0.089121	26.4265	0.089121
52.52	-1.71722	8.729576	34.2485	0	10.6685	1.717219	0.196713	26.431	0.196713	52.52	-0.77852	8.73851	34.2117	0	6.905675	0.778517	0.08909	26.42958	0.08909
52.53	-1.71833	8.729867	34.2489	0	10.6563	1.718327	0.196833	26.4432	0.196833	52.53	-0.77719	8.741611	34.212	0	6.8985	0.777187	0.088907	26.43675	0.088907
52.54	-1.71966	8.730488	34.249	0	10.65325	1.719656	0.196971	26.44625	0.196971	52.54	-0.77704	8.744929	34.212	0	6.8985	0.77704	0.088856	26.43675	0.088856
52.55	-1.72143	8.733405	34.2493	0	10.65025	1.721429	0.197109	26.44925	0.197109	52.55	-0.77778	8.747664	34.2132	0	6.8889	0.777778	0.088913	26.44835	0.088913
52.56	-1.7225	8.735775	34.25	0	10.64325	1.7225	0.197178	26.45625	0.197178	52.56	-0.77896	8.751055	34.2135	0	6.884	0.77896	0.088823	26.45125	0.088823
52.57	-1.7242	8.739677	34.25	0	10.64325	1.724198	0.197284	26.45625	0.197284	52.57	-0.78022	8.753243	34.2138	0	6.88085	0.780215	0.089134	26.4544	0.089134
52.58	-1.72486	8.741501	34.2508	0	10.63065	1.724863	0.197319	26.46885	0.197319	52.58									

53.15	-1.80614	8.84642	34.2667	0	10.34725	1.806138	0.204166	26.75225	0.204166	53.15	-0.79373	8.851343	34.2308	0	6.58385	0.79373	0.089673	26.7514	0.089673
53.16	-1.80651	8.848572	34.267	0	10.34025	1.806507	0.204158	26.75925	0.204158	53.16	-0.79432	8.85377	34.231	0	6.58075	0.794321	0.089715	26.7545	0.089715
53.17	-1.80732	8.852657	34.267	0	10.34025	1.807319	0.204156	26.75925	0.204156	53.17	-0.79506	8.85572	34.2312	0	6.57775	0.79506	0.089779	26.7575	0.089779
53.18	-1.80795	8.854918	34.2678	0	10.32865	1.807947	0.204174	26.77085	0.204174	53.18	-0.79428	8.85564	34.2315	0	6.57075	0.794284	0.089663	26.7645	0.089663
53.19	-1.80931	8.859076	34.268	0	10.32575	1.809313	0.204233	26.77375	0.204233	53.19	-0.79491	8.861665	34.2315	0	6.57075	0.794099	0.089611	26.7645	0.089611
53.2	-1.81123	8.862102	34.2683	0	10.32268	1.811234	0.20438	26.77683	0.20438	53.2	-0.79392	8.86429	34.2327	0	6.55875	0.793915	0.089563	26.7765	0.089563
53.21	-1.81275	8.866296	34.269	0	10.3155	1.812748	0.204454	26.784	0.204454	53.21	-0.79517	8.86572	34.233	0	6.55575	0.79517	0.089672	26.7795	0.089672
53.22	-1.81419	8.869395	34.269	0	10.3155	1.814188	0.204454	26.784	0.204454	53.22	-0.79613	8.870417	34.2332	0	6.552825	0.79613	0.089751	26.78245	0.089751
53.23	-1.81578	8.873334	34.2702	0	10.3031	1.815775	0.204633	26.7964	0.204633	53.23	-0.7968	8.873444	34.2335	0	6.546	0.796795	0.089795	26.78925	0.089795
53.24	-1.81714	8.876179	34.2705	0	10.3	1.817142	0.204721	26.7995	0.204721	53.24	-0.79632	8.875814	34.2335	0	6.546	0.796315	0.089717	26.78925	0.089717
53.25	-1.81921	8.878367	34.2706	0	10.29708	1.81921	0.204904	26.80243	0.204904	53.25	-0.79584	8.877528	34.2343	0	6.5336	0.795835	0.089646	26.80165	0.089646
53.26	-1.82065	8.879024	34.271	0	10.29025	1.82065	0.205051	26.80925	0.205051	53.26	-0.79403	8.877236	34.2345	0	6.5305	0.794026	0.089445	26.80475	0.089445
53.27	-1.82139	8.879024	34.271	0	10.29025	1.821388	0.205134	26.80925	0.205134	53.27	-0.79351	8.875851	34.2345	0	6.527425	0.793509	0.089401	26.80783	0.089401
53.28	-1.82113	8.877346	34.271	0	10.27805	1.82113	0.205143	26.82145	0.205143	53.28	-0.79273	8.873772	34.2345	0	6.52025	0.792733	0.089334	26.815	0.089334
53.29	-1.82098	8.876544	34.271	0	10.275	1.820982	0.205145	26.8245	0.205145	53.29	-0.79366	8.872496	34.2345	0	6.52025	0.793656	0.089451	26.815	0.089451
53.3	-1.8212	8.874757	34.2709	0	10.272	1.821204	0.205212	26.8275	0.205212	53.3	-0.79318	8.87038	34.2345	0	6.50805	0.793176	0.089419	26.8272	0.089419
53.31	-1.8215	8.873261	34.2705	0	10.265	1.821499	0.20528	26.8345	0.20528	53.31	-0.79388	8.869724	34.2345	0	6.505	0.793878	0.089504	26.83025	0.089504
53.32	-1.82168	8.871328	34.2705	0	10.265	1.821684	0.205345	26.8345	0.205345	53.32	-0.79303	8.869761	34.2346	0	6.502	0.793029	0.089408	26.83325	0.089408
53.33	-1.82224	8.869068	34.2701	0	10.2528	1.822237	0.20546	26.8467	0.20546	53.33	-0.79166	8.872678	34.235	0	6.495	0.791662	0.089225	26.84025	0.089225
53.34	-1.8232	8.867208	34.27	0	10.24975	1.823198	0.205611	26.84975	0.205611	53.34	-0.79122	8.875121	34.235	0	6.495	0.791219	0.08915	26.84025	0.08915
53.35	-1.8246	8.866442	34.2701	0	10.24668	1.824601	0.205787	26.85283	0.205787	53.35	-0.79284	8.878804	34.2358	0	6.4828	0.792844	0.089296	26.85245	0.089296
53.36	-1.82519	8.865786	34.2705	0	10.2395	1.825192	0.205869	26.86	0.205869	53.36	-0.7934	8.881357	34.236	0	6.47975	0.793398	0.089333	26.8555	0.089333
53.37	-1.82578	8.866551	34.2705	0	10.2395	1.825783	0.205918	26.86	0.205918	53.37	-0.79417	8.885916	34.2363	0	6.476825	0.794173	0.089374	26.85845	0.089374
53.38	-1.82578	8.868083	34.2713	0	10.2277	1.825783	0.205882	26.8718	0.205882	53.38	-0.79336	8.888651	34.237	0	6.47	0.793361	0.089255	26.86525	0.089255
53.39	-1.82726	8.871219	34.2715	0	10.22475	1.82726	0.205976	26.87475	0.205976	53.39	-0.79414	8.892298	34.237	0	6.47	0.794136	0.089306	26.86525	0.089306
53.4	-1.82852	8.873772	34.2717	0	10.22168	1.828515	0.206058	26.87783	0.206058	53.4	-0.79406	8.894814	34.2382	0	6.4578	0.794062	0.089273	26.87745	0.089273
53.41	-1.8314	8.877274	34.272	0	10.2145	1.831395	0.206302	26.885	0.206302	53.41	-0.7938	8.897878	34.2385	0	6.454751	0.793804	0.089213	26.8805	0.089213
53.42	-1.83332	8.880665	34.272	0	10.2145	1.833315	0.206439	26.885	0.206439	53.42	-0.79262	8.898911	34.2387	0	6.45175	0.792622	0.089061	26.8835	0.089061
53.43	-1.8359	8.884202	34.2732	0	10.2027	1.8359	0.206648	26.8968	0.206648	53.43	-0.79332	8.90291	34.239	0	6.44475	0.793324	0.089108	26.8905	0.089108
53.44	-1.83727	8.887921	34.2735	0	10.19975	1.837267	0.206715	26.89975	0.206715	53.44	-0.79458	8.904515	34.239	0	6.44475	0.79458	0.089233	26.8905	0.089233
53.45	-1.83996	8.891715	34.2737	0	10.1966	1.839962	0.20693	26.9029	0.20693	53.45	-0.79524	8.907907	34.2398	0	6.43255	0.795244	0.089274	26.9027	0.089274
53.46	-1.84236	8.894851	34.274	0	10.18925	1.842362	0.207127	26.91025	0.207127	53.46	-0.79428	8.910496	34.24	0	6.4295	0.794284	0.08914	26.90575	0.08914
53.47	-1.84465	8.89795	34.274	0	10.18925	1.844652	0.207312	26.91025	0.207312	53.47	-0.79303	8.913632	34.2403	0	6.426575	0.793029	0.088968	26.90868	0.088968
53.48	-1.84746	8.900175	34.2748	0	10.17725	1.847458	0.207576	26.92225	0.207576	53.48	-0.79214	8.915382	34.241	0	6.41975	0.792142	0.088851	26.9155	0.088851
53.49	-1.85008	8.903311	34.275	0	10.17425	1.85008	0.207797	26.92525	0.207797	53.49	-0.792	8.915492	34.241	0	6.41975	0.791995	0.088834	26.9155	0.088834
53.5	-1.85071	8.906083	34.2753	0	10.17125	1.850708	0.207803	26.92825	0.207803	53.5	-0.79248	8.913486	34.241	0	6.4075	0.792475	0.088907	26.9277	0.088907
53.51	-1.85185	8.909886	34.276	0	10.16425	1.851852	0.20784	26.93525	0.20784	53.51	-0.79259	8.912261	34.241	0	6.4045	0.792585	0.088933	26.93075	0.088933
53.52	-1.853	8.913231	34.276	0	10.16425	1.852997	0.207893	26.93525	0.207893	53.52	-0.79155	8.909766	34.241	0	6.401425	0.791552	0.088841	26.93383	0.088841
53.53	-1.85518	8.916986	34.2768	0	10.15185	1.855176	0.20805	26.94765	0.20805	53.53	-0.79026	8.907761	34.241	0	6.39425	0.790259	0.088716	26.941	0.088716
53.54	-1.85695	8.920197	34.277	0	10.14875	1.856948	0.208173	26.95075	0.208173	53.54	-0.79144	8.904843	34.241	0	6.39425	0.791441	0.088878	26.941	0.088878
53.55	-1.85835	8.923625	34.2773	0	10.14583	1.858352	0.208251	26.95368	0.208251	53.55	-0.79384	8.901415	34.2402	0	6.38225	0.793841	0.089181	26.953	0.089181
53.56	-1.86038	8.926287	34.278	0	10.139	1.860382	0.208416	26.9608	0.208416	53.56	-0.79325	8.899664	34.24	0	6.37925	0.79325	0.089133	26.956	0.089133
53.57	-1.86433	8.929204	34.278	0	10.139	1.864334	0.208791	26.9605	0.208791	53.57	-0.79259	8.898789	34.2402	0	6.376175	0.792585	0.089067	26.95908	0.089067
53.58	-1.866	8.930553	34.2788	0	10.1264	1.865995	0.208945	26.9731	0.208945	53.58	-0.79196	8.898097	34.2405	0	6.369	0.791958	0.089003	26.96625	0.089003
53.59	-1.86858	8.930809	34.279	0	10.12325	1.86858	0.209229	26.97625	0.209229	53.59	-0.79074	8.899227	34.2405	0	6.369	0.790739	0.088855	26.96625	0.088855
53.6	-1.87006	8.929568	34.279	0	10.12033	1.870057	0.209423	26.97918	0.209423	53.6	-0.78982	8.901816	34.2413	0	6.357	0.789816	0.088725	26.97825	0.088725
53.61	-1.87261	8.928292	34.279	0	10.1135	1.872605	0.209738	26.986	0.209738	53.61	-0.78889	8.904952	34.2415	0	6.354	0.788893	0.08859	26.98125	0.08859
53.62	-1.8746	8.926797	34.279	0	10.1135	1.874599	0.209997	26.986	0.209997	53.62	-0.7879	8.908417	34.2416	0	6.351	0.787896	0.088462	26.98425	0.088462
53.63	-1.87667	8.925265	34.279	0	10.1013	1.876667	0.210265	26.9982	0.210265	53.63	-0.78646	8.911079	34.242	0	6.344	0.786456	0.088256	26.99125	0.088256
53.64	-1.87814	8.924427	34.279	0	10.09825	1.878144	0.21045	27.00125	0.21045	53.64	-0.78623	8.913449	34.242	0	6.334	0.786234	0.088208	26.99125	0.088208
53.65	-1.87936	8.924098	34.279	0	10.09533	1.879363	0.210594	27.00418	0.210594	53.65	-0.78608	8.916002	34.2432	0	6.336	0.78608	0.088389	27.00365	0.088389
53.66	-1.87977	8.926506	34.279	0	10.0885	1.879769	0.210583	27.011	0.210583	53.66	-0.78841	8.919066	34.2435	0	6.3285	0.788413	0.088396	27.00675	0.088396
53.67	-1.8815	8.929241	34.279	0	10.0885	1.881504	0.210713	27.011	0.210713	5									

54.24	-1.99989	9.002834	34.2925	0	9.796	1.99989	0.22214	27.3035	0.22214	54.24	-0.79517	9.007246	34.259	0	6.04175	0.79517	0.088281	27.2935	0.088281
54.25	-2.00011	9.004329	34.2927	0	9.797625	2.000111	0.222128	27.30643	0.222128	54.25	-0.79558	9.010346	34.2598	0	6.02955	0.79557	0.088296	27.3057	0.088296
54.26	-2.00015	9.007721	34.293	0	9.78625	2.000148	0.222048	27.31325	0.222048	54.26	-0.7962	9.013556	34.26	0	6.0265	0.796204	0.088334	27.3075	0.088334
54.27	-2.00056	9.010346	34.293	0	9.78625	2.000555	0.222029	27.31325	0.222029	54.27	-0.79572	9.018078	34.2603	0	6.023425	0.795724	0.088237	27.3183	0.088237
54.28	-2.00255	9.014123	34.2938	0	9.77365	2.002549	0.222155	27.32585	0.222155	54.28	-0.79572	9.021287	34.261	0	6.01625	0.795724	0.088205	27.319	0.088205
54.29	-2.00491	9.0164	34.294	0	9.7705	2.004912	0.222363	27.329	0.222363	54.29	-0.7948	9.025007	34.261	0	6.01625	0.794801	0.088067	27.319	0.088067
54.3	-2.00713	9.020083	34.2943	0	9.767575	2.007128	0.222518	27.33193	0.222518	54.3	-0.79469	9.027997	34.2622	0	6.00385	0.79469	0.088025	27.3314	0.088025
54.31	-2.00875	9.021833	34.295	0	9.760751	2.008752	0.222655	27.33875	0.222655	54.31	-0.79632	9.030866	34.2623	0	6.00075	0.796315	0.088178	27.3345	0.088178
54.32	-2.01093	9.025737	34.295	0	9.760751	2.010931	0.2228	27.33875	0.2228	54.32	-0.79667	9.032884	34.2626	0	5.99775	0.796669	0.088219	27.3375	0.088219
54.33	-2.01307	9.028107	34.2958	0	9.748151	2.013072	0.222978	27.35135	0.222978	54.33	-0.79547	9.035948	34.263	0	5.99075	0.795466	0.088303	27.3445	0.088303
54.34	-2.01499	9.032119	34.296	0	9.745001	2.014993	0.223092	27.3545	0.223092	54.34	-0.79561	9.038829	34.263	0	5.99075	0.795613	0.088022	27.3445	0.088022
54.35	-2.01677	9.034707	34.2963	0	9.742076	2.016765	0.223224	27.35743	0.223224	54.35	-0.79513	9.042074	34.2638	0	5.97875	0.795133	0.087937	27.3565	0.087937
54.36	-2.01898	9.039047	34.297	0	9.73525	2.018981	0.223362	27.36425	0.223362	54.36	-0.79528	9.045429	34.264	0	5.97575	0.795281	0.087921	27.3595	0.087921
54.37	-2.02061	9.041855	34.297	0	9.73525	2.020666	0.223472	27.36425	0.223472	54.37	-0.79392	9.04893	34.2643	0	5.972675	0.793915	0.087736	27.36258	0.087736
54.38	-2.02146	9.045575	34.2978	0	9.72305	2.021455	0.223474	27.37645	0.223474	54.38	-0.79277	9.05203	34.265	0	5.96555	0.79277	0.087579	27.36975	0.087579
54.39	-2.02315	9.047982	34.298	0	9.72	2.023153	0.223603	27.3795	0.223603	54.39	-0.7927	9.05564	34.265	0	5.9655	0.792696	0.087536	27.36975	0.087536
54.4	-2.02548	9.051337	34.2983	0	9.717075	2.02548	0.223777	27.38243	0.223777	54.4	-0.79428	9.057537	34.2662	0	5.9535	0.794284	0.087693	27.38175	0.087693
54.41	-2.02866	9.053197	34.299	0	9.710251	2.028655	0.224082	27.38925	0.224082	54.41	-0.79565	9.060564	34.2665	0	5.9505	0.79565	0.087815	27.38475	0.087815
54.42	-2.03083	9.056735	34.299	0	9.710251	2.030834	0.224235	27.38925	0.224235	54.42	-0.79691	9.062058	34.2667	0	5.947576	0.796906	0.087939	27.38768	0.087939
54.43	-2.03172	9.059323	34.2998	0	9.697851	2.03172	0.224268	27.40165	0.224268	54.43	-0.79628	9.064684	34.267	0	5.94075	0.796278	0.087844	27.3945	0.087844
54.44	-2.0329	9.063481	34.3	0	9.694751	2.032902	0.224296	27.40475	0.224296	54.44	-0.79687	9.0668	34.267	0	5.94075	0.796869	0.087889	27.3945	0.087889
54.45	-2.03523	9.066107	34.3003	0	9.691826	2.035228	0.224488	27.40768	0.224488	54.45	-0.79816	9.069535	34.2678	0	5.92855	0.798161	0.088005	27.4067	0.088005
54.46	-2.03774	9.069972	34.301	0	9.685	2.037739	0.224669	27.4145	0.224669	54.46	-0.79916	9.072963	34.268	0	5.9255	0.799158	0.088081	27.40975	0.088081
54.47	-2.04029	9.072963	34.301	0	9.685	2.040287	0.224876	27.4145	0.224876	54.47	-0.79879	9.076282	34.2683	0	5.922425	0.798789	0.088008	27.41283	0.088008
54.48	-2.04306	9.076536	34.3018	0	9.6728	2.043057	0.225092	27.4267	0.225092	54.48	-0.79945	9.079163	34.269	0	5.91525	0.799454	0.088054	27.42	0.088054
54.49	-2.04368	9.079199	34.302	0	9.66975	2.043684	0.225095	27.42975	0.225095	54.49	-0.79982	9.082116	34.269	0	5.91525	0.799823	0.088066	27.42	0.088066
54.5	-2.04483	9.08197	34.3022	0	9.6666	2.044829	0.225153	27.4329	0.225153	54.5	-0.80104	9.083429	34.2702	0	5.90325	0.801042	0.088187	27.432	0.088187
54.51	-2.04501	9.081314	34.3025	0	9.65925	2.045014	0.225189	27.44025	0.225189	54.51	-0.80097	9.083393	34.2705	0	5.90025	0.800968	0.088179	27.435	0.088179
54.52	-2.0469	9.08073	34.3025	0	9.65925	2.046987	0.225411	27.44025	0.225411	54.52	-0.80115	9.081278	34.2705	0	5.897175	0.801152	0.08822	27.43808	0.08822
54.53	-2.04826	9.07836	34.3025	0	9.64745	2.048263	0.22562	27.45205	0.22562	54.53	-0.79942	9.092735	34.2705	0	5.89	0.799417	0.088049	27.44525	0.088049
54.54	-2.05055	9.077667	34.3025	0	9.644501	2.050553	0.22589	27.455	0.22589	54.54	-0.79997	9.077485	34.2705	0	5.89	0.799971	0.088127	27.44525	0.088127
54.55	-2.0514	9.075771	34.3024	0	9.641576	2.051402	0.226031	27.45793	0.226031	54.55	-0.80005	9.076027	34.2701	0	5.878201	0.800045	0.088149	27.45705	0.088149
54.56	-2.05281	9.075078	34.302	0	9.63475	2.052805	0.226203	27.46475	0.226203	54.56	-0.7999	9.074458	34.27	0	5.87525	0.799989	0.088148	27.46	0.088148
54.57	-2.05266	9.073765	34.302	0	9.63475	2.052657	0.226219	27.46475	0.226219	54.57	-0.80005	9.073438	34.2701	0	5.872175	0.800045	0.088166	27.46308	0.088166
54.58	-2.0531	9.07464	34.3028	0	9.62255	2.053101	0.226246	27.47695	0.226246	54.58	-0.80053	9.075516	34.2705	0	5.865	0.800525	0.08825	27.47025	0.088207
54.59	-2.05317	9.075953	34.303	0	9.6195	2.053174	0.226221	27.48	0.226221	54.59	-0.80078	9.07777	34.2705	0	5.865	0.800783	0.088214	27.47025	0.088214
54.6	-2.05447	9.079271	34.3032	0	9.61635	2.054467	0.226281	27.48315	0.226281	54.6	-0.8006	9.080038	34.2713	0	5.8526	0.800599	0.088171	27.48265	0.088171
54.61	-2.05524	9.082591	34.3035	0	9.609	2.055242	0.226284	27.4905	0.226284	54.61	-0.80005	9.083028	34.2715	0	5.8495	0.800045	0.088081	27.48575	0.088081
54.62	-2.05606	9.086442	34.3035	0	9.609	2.056055	0.226278	27.4905	0.226278	54.62	-0.80086	9.085873	34.2718	0	5.846575	0.800857	0.088143	27.48868	0.088143
54.63	-2.05665	9.089665	34.3047	0	9.597401	2.056646	0.226262	27.5021	0.226262	54.63	-0.80104	9.088973	34.2725	0	5.83975	0.801042	0.088133	27.4955	0.088133
54.64	-2.05868	9.093859	34.305	0	9.594501	2.058676	0.226381	27.505	0.226381	54.64	-0.80038	9.091526	34.2725	0	5.83975	0.800377	0.088035	27.4955	0.088035
54.65	-2.05949	9.097361	34.3053	0	9.591426	2.059489	0.226383	27.50808	0.226383	54.65	-0.80027	9.094954	34.2733	0	5.8275	0.800266	0.08799	27.5077	0.08799
54.66	-2.05997	9.101007	34.306	0	9.58425	2.059969	0.226345	27.51525	0.226345	54.66	-0.8013	9.097835	34.2735	0	5.8245	0.8013	0.088076	27.51075	0.088076
54.67	-2.06137	9.103961	34.306	0	9.58425	2.061372	0.226426	27.51525	0.226426	54.67	-0.80038	9.100716	34.2738	0	5.821575	0.800383	0.088255	27.51368	0.088255
54.68	-2.06407	9.106952	34.3068	0	9.571651	2.064068	0.226647	27.52785	0.226647	54.68	-0.80035	9.103269	34.2745	0	5.81475	0.800353	0.088271	27.5205	0.088271
54.69	-2.06532	9.109213	34.307	0	9.568501	2.065323	0.226729	27.531	0.226729	54.69	-0.80085	9.105666	34.2745	0	5.81475	0.800848	0.088281	27.5205	0.088281
54.7	-2.06713	9.11213	34.3072	0	9.565576	2.067133	0.226855	27.53393	0.226855	54.7	-0.80048	9.107352	34.2753	0	5.80235	0.800482	0.088377	27.52329	0.088377
54.71	-2.06761	9.114865	34.3075	0	9.55875	2.067613	0.22684	27.54075	0.22684	54.71	-0.80081	9.109005	34.2755	0	5.79925	0.800805	0.088454	27.536	0.088454
54.72	-2.07001	9.118512	34.3075	0	9.55875	2.070013	0.227012	27.54075	0.227012	54.72	-0.80055	9.112604	34.2757	0	5.796325	0.800554	0.088399	27.53893	0.088399
54.73	-2.07341	9.120555	34.3087	0	9.546715	2.07341	0.227334	27.55275	0.227334	54.73	-0.80073	9.115777	34.276	0	5.7895	0.800731	0.088389	27.54575	0.088389
54.74	-2.07629	9.121649	34.309	0	9.543751	2.07629	0.227622	27.55575	0.227622	54.74	-0.80073	9.118402	34.276	0	5.7895	0.800731	0.088363	27.54575	0.088363
54.75	-2.07662	9.120846	34.309	0	9.540826	2.076623	0.227679	27.55868	0.227679	54.75	-0.80068	9.121575	34.2772	0	5.7773	0.800681	0.088426	27.55795	0.088426
54.76	-2.07688	9.119679	34.309	0	9.534	2.076881	0.227736												

55.33	-2.07577	9.199399	34.3218	0	9.24425	2.075773	0.225642	27.85525	0.225642	55.33	-0.81807	9.213257	34.293	0	5.4865	0.818065	0.088792	27.84875	0.088792
55.34	-2.07577	9.20155	34.322	0	9.24125	2.075773	0.22559	27.85825	0.22559	55.34	-0.81888	9.216831	34.293	0	5.4865	0.818877	0.088846	27.84875	0.088846
55.35	-2.07537	9.204687	34.3222	0	9.2381	2.075367	0.225469	27.8614	0.225469	55.35	-0.82087	9.21891	34.294	0	5.4743	0.820871	0.089042	27.86095	0.089042
55.36	-2.07334	9.207422	34.3225	0	9.23075	2.073336	0.225181	27.86875	0.225181	55.36	-0.82224	9.221755	34.2945	0	5.47125	0.822237	0.089163	27.864	0.089163
55.37	-2.07267	9.210413	34.3225	0	9.23075	2.072672	0.225036	27.86875	0.225036	55.37	-0.82154	9.223469	34.2947	0	5.46825	0.821536	0.08907	27.867	0.08907
55.38	-2.07312	9.213148	34.3233	0	9.219151	2.073115	0.225017	27.88035	0.225017	55.38	-0.82095	9.22646	34.295	0	5.46125	0.820945	0.088977	27.874	0.088977
55.39	-2.07478	9.216649	34.3235	0	9.21625	2.074776	0.225112	27.88325	0.225112	55.39	-0.82176	9.22778	34.295	0	5.46125	0.821757	0.089052	27.874	0.089052
55.4	-2.07444	9.220114	34.3238	0	9.213176	2.074444	0.224991	27.88633	0.224991	55.4	-0.82209	9.229303	34.2958	0	5.44925	0.82209	0.089074	27.886	0.089074
55.41	-2.07529	9.22438	34.3245	0	9.206	2.075293	0.224979	27.8935	0.224979	55.41	-0.82279	9.228574	34.296	0	5.44625	0.822791	0.089157	27.889	0.089157
55.42	-2.0747	9.22799	34.3245	0	9.206	2.074703	0.224827	27.8935	0.224827	55.42	-0.82332	9.229699	34.296	0	5.44325	0.823197	0.089216	27.892	0.089216
55.43	-2.07385	9.231747	34.3257	0	9.193601	2.073853	0.224644	27.9059	0.224644	55.43	-0.82408	9.224197	34.296	0	5.43625	0.824084	0.089339	27.899	0.089339
55.44	-2.07371	9.234628	34.326	0	9.1905	2.073705	0.224558	27.909	0.224558	55.44	-0.82401	9.222447	34.296	0	5.43625	0.82401	0.089348	27.899	0.089348
55.45	-2.07456	9.238275	34.3261	0	9.187575	2.074555	0.224561	27.91193	0.224561	55.45	-0.82336	9.220114	34.2956	0	5.42385	0.823604	0.089327	27.914	0.089327
55.46	-2.07496	9.240536	34.3265	0	9.180751	2.074961	0.22455	27.91875	0.22455	55.46	-0.82209	9.219311	34.2955	0	5.42075	0.822209	0.08917	27.9145	0.08917
55.47	-2.07518	9.24338	34.3265	0	9.180751	2.075182	0.224505	27.91875	0.224505	55.47	-0.81987	9.217815	34.2955	0	5.417675	0.819874	0.088945	27.91758	0.088945
55.48	-2.07614	9.245094	34.3273	0	9.16855	2.076143	0.224567	27.93095	0.224567	55.48	-0.81962	9.217743	34.2955	0	5.4105	0.819616	0.088917	27.92475	0.088917
55.49	-2.07732	9.24659	34.3275	0	9.165001	2.077324	0.224658	27.934	0.224658	55.49	-0.81991	9.21779	34.2955	0	5.4105	0.819911	0.088949	27.92475	0.088949
55.5	-2.07876	9.245788	34.3275	0	9.162576	2.078764	0.224834	27.93693	0.224834	55.5	-0.81903	9.22088	34.2963	0	5.398901	0.819025	0.088823	27.93635	0.088823
55.51	-2.07876	9.244948	34.3275	0	9.15575	2.078764	0.224854	27.94375	0.224854	55.51	-0.81987	9.223584	34.2965	0	5.396	0.819874	0.088889	27.93925	0.088889
55.52	-2.0795	9.242943	34.3275	0	9.15575	2.079503	0.224983	27.94375	0.224983	55.52	-0.82095	9.224707	34.2968	0	5.392925	0.820945	0.088968	27.94233	0.088968
55.53	-2.07947	9.241338	34.3275	0	9.143351	2.079466	0.225018	27.95615	0.225018	55.53	-0.82083	9.229887	34.2975	0	5.38575	0.820834	0.088932	27.9495	0.088932
55.54	-2.07851	9.239588	34.3275	0	9.14025	2.078506	0.224957	27.95925	0.224957	55.54	-0.81917	9.233898	34.2975	0	5.38575	0.819172	0.088714	27.9495	0.088714
55.55	-2.07784	9.238894	34.3274	0	9.137325	2.077841	0.224902	27.96218	0.224902	55.55	-0.81866	9.236123	34.2983	0	5.37375	0.818655	0.088636	27.9615	0.088636
55.56	-2.07766	9.237181	34.327	0	9.130501	2.077657	0.224923	27.969	0.224923	55.56	-0.81921	9.238712	34.2985	0	5.37075	0.819209	0.088671	27.9645	0.088671
55.57	-2.07659	9.23667	34.327	0	9.130501	2.076586	0.22482	27.969	0.22482	55.57	-0.82061	9.24039	34.2986	0	5.3676	0.820613	0.088807	27.96765	0.088807
55.58	-2.07474	9.235868	34.3274	0	9.1183	2.074739	0.224639	27.9812	0.224639	55.58	-0.82032	9.243782	34.299	0	5.36025	0.820317	0.088743	27.975	0.088743
55.59	-2.07326	9.237837	34.3275	0	9.115251	2.073262	0.224432	27.98425	0.224432	55.59	-0.82069	9.245933	34.299	0	5.36025	0.820686	0.088762	27.975	0.088762
55.6	-2.07249	9.240208	34.3278	0	9.112176	2.072487	0.22429	27.98733	0.22429	55.6	-0.8201	9.249507	34.3002	0	5.34825	0.820096	0.088664	27.987	0.088664
55.61	-2.07308	9.244146	34.3285	0	9.105	2.073078	0.224258	27.9945	0.224258	55.61	-0.82113	9.252534	34.3005	0	5.34525	0.821129	0.088746	27.99	0.088746
55.62	-2.07297	9.247538	34.3285	0	9.105	2.072967	0.224164	27.9945	0.224164	55.62	-0.82083	9.255961	34.3008	0	5.34225	0.820834	0.088862	27.993	0.088862
55.63	-2.07348	9.251842	34.3297	0	9.0932	2.073484	0.224116	28.0063	0.224116	55.63	-0.82146	9.258916	34.3015	0	5.33525	0.821462	0.088721	28.008721	0.088721
55.64	-2.07382	9.254685	34.33	0	9.09025	2.073816	0.224083	28.00925	0.224083	55.64	-0.8212	9.262489	34.3015	0	5.33525	0.821203	0.088659	28.008721	0.088659
55.65	-2.07437	9.258734	34.3302	0	9.0871	2.07437	0.224045	28.0124	0.224045	55.65	-0.82257	9.264386	34.3023	0	5.32305	0.82257	0.088788	28.0122	0.088788
55.66	-2.07345	9.261031	34.3305	0	9.07975	2.073447	0.223889	28.01975	0.223889	55.66	-0.82183	9.267194	34.3025	0	5.32	0.821831	0.088682	28.01525	0.088682
55.67	-2.07404	9.264131	34.3305	0	9.07975	2.074038	0.223878	28.01975	0.223878	55.67	-0.82165	9.269054	34.3028	0	5.31705	0.821647	0.088644	28.01818	0.088644
55.68	-2.07463	9.266064	34.3313	0	9.067751	2.074629	0.223895	28.03175	0.223895	55.68	-0.8212	9.271168	34.3035	0	5.31025	0.821203	0.088571	28.025	0.088571
55.69	-2.07592	9.269711	34.3315	0	9.064751	2.075921	0.223947	28.03475	0.223947	55.69	-0.82091	9.274566	34.3035	0	5.31025	0.820908	0.088512	28.025	0.088512
55.7	-2.07607	9.2723	34.3318	0	9.06175	2.076069	0.2239	28.03775	0.2239	55.7	-0.82143	9.27777	34.3043	0	5.29805	0.821425	0.088537	28.0372	0.088537
55.71	-2.07758	9.276676	34.3325	0	9.05475	2.077583	0.223958	28.04475	0.223958	55.71	-0.82346	9.280359	34.3045	0	5.295	0.823456	0.088731	28.04025	0.088731
55.72	-2.0774	9.279557	34.3325	0	9.05475	2.077398	0.223868	28.04475	0.223868	55.72	-0.82279	9.283131	34.3048	0	5.29185	0.822791	0.088633	28.0434	0.088633
55.73	-2.07799	9.283168	34.3333	0	9.04255	2.07798	0.223845	28.05695	0.223845	55.73	-0.82187	9.284626	34.3055	0	5.2845	0.821868	0.088519	28.05075	0.088519
55.74	-2.07751	9.286012	34.3335	0	9.0395	2.077509	0.223725	28.06	0.223725	55.74	-0.82213	9.283568	34.3055	0	5.2845	0.822126	0.088557	28.05075	0.088557
55.75	-2.07847	9.288456	34.3338	0	9.0365	2.078469	0.223769	28.063	0.223769	55.75	-0.82222	9.281417	34.3055	0	5.2727	0.82222	0.088586	28.06255	0.088586
55.76	-2.07806	9.288674	34.3345	0	9.0295	2.078063	0.22372	28.07	0.22372	55.76	-0.8215	9.280031	34.3055	0	5.26925	0.821499	0.088523	28.0655	0.088523
55.77	-2.07821	9.288857	34.3345	0	9.0295	2.078211	0.223732	28.07	0.223732	55.77	-0.82242	9.277734	34.3054	0	5.266675	0.822422	0.088645	28.06858	0.088645
55.78	-2.07747	9.286304	34.3345	0	9.017501	2.077472	0.223714	28.082	0.223714	55.78	-0.82312	9.276275	34.3054	0	5.2595	0.823124	0.088734	28.07575	0.088734
55.79	-2.07766	9.285647	34.3345	0	9.014501	2.077657	0.223749	28.088	0.223749	55.79	-0.82312	9.274159	34.305	0	5.2595	0.823124	0.088755	28.07575	0.088755
55.8	-2.07703	9.283313	34.3344	0	9.0115	2.077029	0.223738	28.085	0.223738	55.8	-0.82246	9.274014	34.3054	0	5.2473	0.822459	0.088684	28.0795	0.088684
55.81	-2.07688	9.282219	34.334	0	9.0045	2.076881	0.223748	28.095	0.223748	55.81	-0.82194	9.274159	34.3055	0	5.24425	0.821942	0.088627	28.091	0.088627
55.82	-2.07511	9.281307	34.334	0	9.0045	2.075109	0.223579	28.095	0.223579	55.82	-0.82128	9.27276	34.3056	0	5.241325	0.821277	0.088526	28.09393	0.088526
55.83	-2.07629	9.281781	34.3344	0	8.9919	2.07629	0.223695	28.1076	0.223695	55.83	-0.82113	9.27963	34.306	0	5.2345	0.821129	0.088487	28.10075	0.088487
55.84	-2.07526	9.283714	34.3345	0	8.98875	2.075256	0.223537	28.11075	0.223537	55.84	-0.82083	9.282511	34.306	0	5.2245	0.820834	0.088428	28.10075	0.088428
55.85	-2.07577	9.286837	34.3348	0	8.98575	2.075773	0.223529	28.1137											

56.42	-2.07662	9.39622	34.351	0	8.7015	2.076623	0.221006	28.398	0.221006	56.42	-0.83668	9.36756	34.3222	0	4.9395	0.836675	0.089316	28.39575	0.089316
56.43	-2.07659	9.397678	34.3518	0	8.689501	2.076586	0.220968	28.41	0.220968	56.43	-0.83609	9.369761	34.3225	0	4.9325	0.836085	0.089323	28.40275	0.089323
56.44	-2.07762	9.398408	34.352	0	8.686501	2.07762	0.221061	28.413	0.221061	56.44	-0.83708	9.371859	34.3225	0	4.9325	0.837082	0.089319	28.40275	0.089319
56.45	-2.07814	9.396657	34.352	0	8.6835	2.078137	0.221157	28.416	0.221157	56.45	-0.83808	9.375177	34.3237	0	4.9203	0.838079	0.089393	28.41495	0.089393
56.46	-2.07832	9.39498	34.352	0	8.6765	2.078321	0.221216	28.423	0.221216	56.46	-0.83867	9.379262	34.3234	0	4.91725	0.838669	0.089417	28.418	0.089417
56.47	-2.07869	9.392646	34.352	0	8.6765	2.078691	0.22131	28.423	0.22131	56.47	-0.83904	9.383091	34.3243	0	4.914175	0.839039	0.08942	28.42108	0.08942
56.48	-2.07943	9.391224	34.3512	0	8.664101	2.079429	0.221423	28.4354	0.221423	56.48	-0.84092	9.386775	34.325	0	4.907	0.840922	0.089586	28.42825	0.089586
56.49	-2.07998	9.388817	34.351	0	8.661	2.079983	0.221538	28.4385	0.221538	56.49	-0.84137	9.390676	34.325	0	4.907	0.841365	0.089565	28.42825	0.089565
56.5	-2.07991	9.388342	34.3512	0	8.658075	2.079909	0.221542	28.44143	0.221542	56.5	-0.84074	9.394251	34.3258	0	4.8948	0.840737	0.089495	28.44045	0.089495
56.51	-2.07924	9.387358	34.3515	0	8.651251	2.079244	0.221494	28.44825	0.221494	56.51	-0.84033	9.397423	34.326	0	4.89175	0.840331	0.089421	28.4435	0.089421
56.52	-2.07843	9.387394	34.3515	0	8.651251	2.078432	0.221407	28.44825	0.221407	56.52	-0.84077	9.399794	34.3263	0	4.888825	0.840774	0.089446	28.44643	0.089446
56.53	-2.07603	9.389145	34.3523	0	8.63905	2.076032	0.22111	28.46045	0.22111	56.53	-0.84133	9.402383	34.327	0	4.882	0.841328	0.08948	28.45325	0.08948
56.54	-2.07511	9.393339	34.3525	0	8.636001	2.075109	0.220913	28.4635	0.220913	56.54	-0.84218	9.404972	34.327	0	4.882	0.842177	0.089546	28.45325	0.089546
56.55	-2.07718	9.395819	34.3528	0	8.632926	2.077177	0.221075	28.46658	0.221075	56.55	-0.84221	9.407963	34.3278	0	4.8698	0.842214	0.089521	28.46545	0.089521
56.56	-2.08002	9.39932	34.3535	0	8.625751	2.08002	0.221295	28.47375	0.221295	56.56	-0.84247	9.410625	34.328	0	4.86675	0.842473	0.089524	28.4685	0.089524
56.57	-2.08113	9.402456	34.3535	0	8.625751	2.081128	0.221339	28.47375	0.221339	56.57	-0.84292	9.414235	34.3283	0	4.863675	0.842916	0.089536	28.47158	0.089536
56.58	-2.0819	9.405921	34.3543	0	8.613351	2.081903	0.22134	28.48615	0.22134	56.58	-0.84343	9.417007	34.329	0	4.8565	0.843433	0.089565	28.47875	0.089565
56.59	-2.08179	9.402817	34.3545	0	8.61025	2.081792	0.221274	28.48925	0.221274	56.59	-0.84258	9.420909	34.329	0	4.8565	0.842584	0.089438	28.47875	0.089438
56.6	-2.08124	9.411179	34.3547	0	8.607326	2.081239	0.221133	28.49218	0.221133	56.6	-0.84096	9.423608	34.3298	0	4.8445	0.840959	0.08924	28.49075	0.08924
56.61	-2.08312	9.414126	34.355	0	8.6005	2.083122	0.221276	28.499	0.221276	56.61	-0.84029	9.426598	34.33	0	4.8415	0.840294	0.089141	28.49375	0.089141
56.62	-2.08508	9.417554	34.355	0	8.6005	2.085079	0.221403	28.499	0.221403	56.62	-0.84111	9.428203	34.3303	0	4.83835	0.841107	0.089212	28.4969	0.089212
56.63	-2.08545	9.420727	34.3562	0	8.588301	2.085448	0.221368	28.5112	0.221368	56.63	-0.84218	9.430354	34.331	0	4.831	0.842177	0.089305	28.50425	0.089305
56.64	-2.08523	9.424774	34.3565	0	8.585251	2.085227	0.221249	28.51425	0.221249	56.64	-0.84325	9.432323	34.331	0	4.831	0.843248	0.0894	28.50425	0.0894
56.65	-2.08552	9.428203	34.3567	0	8.582326	2.085522	0.2212	28.51718	0.2212	56.65	-0.84369	9.435715	34.3318	0	4.8194	0.843691	0.089415	28.51585	0.089415
56.66	-2.08656	9.431922	34.357	0	8.5755	2.086556	0.221223	28.524	0.221223	56.66	-0.84362	9.437721	34.332	0	4.8165	0.843618	0.089388	28.51875	0.089388
56.67	-2.08741	9.434876	34.357	0	8.5755	2.087405	0.221244	28.524	0.221244	56.67	-0.84433	9.440894	34.3321	0	4.813425	0.844328	0.08937	28.52183	0.08937
56.68	-2.08807	9.438268	34.3582	0	8.563101	2.08807	0.221234	28.5364	0.221234	56.68	-0.84432	9.441769	34.3325	0	4.80625	0.844319	0.089424	28.529	0.089424
56.69	-2.08844	9.441113	34.3585	0	8.56	2.088439	0.221207	28.5395	0.221207	56.69	-0.84454	9.441769	34.3325	0	4.80625	0.844541	0.089447	28.529	0.089447
56.7	-2.08873	9.442426	34.3587	0	8.557076	2.088734	0.221207	28.54243	0.221207	56.7	-0.84439	9.439289	34.3329	0	4.79425	0.844393	0.089455	28.541	0.089455
56.71	-2.08892	9.442316	34.359	0	8.55025	2.088919	0.22123	28.54925	0.22123	56.71	-0.84402	9.437502	34.333	0	4.79125	0.844024	0.089433	28.544	0.089433
56.72	-2.08995	9.44093	34.359	0	8.55025	2.089953	0.221372	28.54925	0.221372	56.72	-0.84428	9.434657	34.3329	0	4.7881	0.844282	0.089487	28.54715	0.089487
56.73	-2.08977	9.439216	34.3586	0	8.538051	2.089768	0.221392	28.56145	0.221392	56.73	-0.84377	9.43298	34.3325	0	4.78075	0.843765	0.089448	28.5545	0.089448
56.74	-2.08994	9.437903	34.3585	0	8.535001	2.089942	0.221431	28.5645	0.221431	56.74	-0.84462	9.430865	34.3325	0	4.78075	0.844615	0.089459	28.5545	0.089459
56.75	-2.08888	9.435934	34.3585	0	8.531926	2.088882	0.221375	28.56758	0.221375	56.75	-0.84462	9.429954	34.3325	0	4.76915	0.844615	0.089567	28.5661	0.089567
56.76	-2.0884	9.434839	34.3585	0	8.524751	2.088402	0.22135	28.57475	0.22135	56.76	-0.84513	9.429296	34.3325	0	4.76625	0.845132	0.089628	28.569	0.089628
56.77	-2.08748	9.4336	34.3585	0	8.524751	2.087479	0.221281	28.57475	0.221281	56.77	-0.84458	9.431412	34.3328	0	4.76315	0.844578	0.089549	28.57208	0.089549
56.78	-2.08722	9.433163	34.3589	0	8.512751	2.08722	0.221264	28.58675	0.221264	56.78	-0.84506	9.43422	34.3335	0	4.756	0.845058	0.089574	28.57925	0.089574
56.79	-2.08674	9.433199	34.359	0	8.50975	2.08674	0.221212	28.58975	0.221212	56.79	-0.84421	9.437201	34.3335	0	4.756	0.844208	0.08945	28.57925	0.08945
56.8	-2.08667	9.435205	34.3591	0	8.506676	2.086667	0.221158	28.59283	0.221158	56.8	-0.84399	9.440237	34.3343	0	4.7436	0.843987	0.089403	28.59165	0.089403
56.81	-2.08508	9.438049	34.3595	0	8.4995	2.085079	0.220923	28.6	0.220923	56.81	-0.84347	9.4429	34.3345	0	4.7405	0.84347	0.089323	28.59475	0.089323
56.82	-2.08423	9.441988	34.3595	0	8.4995	2.084229	0.220741	28.6	0.220741	56.82	-0.84303	9.445161	34.3347	0	4.7375	0.843027	0.089255	28.59775	0.089255
56.83	-2.08412	9.445197	34.3603	0	8.4877	2.084119	0.220654	28.6118	0.220654	56.83	-0.84233	9.448224	34.335	0	4.7305	0.842325	0.089152	28.60475	0.089152
56.84	-2.08467	9.449062	34.3605	0	8.484751	2.084673	0.220622	28.61475	0.220622	56.84	-0.84244	9.450667	34.335	0	4.7305	0.842436	0.089114	28.60475	0.089114
56.85	-2.08486	9.452199	34.3608	0	8.481676	2.084857	0.220568	28.61783	0.220568	56.85	-0.84277	9.45168	34.3362	0	4.7185	0.842768	0.089143	28.61675	0.089143
56.86	-2.08619	9.456247	34.3615	0	8.474501	2.086187	0.220615	28.625	0.220615	56.86	-0.8441	9.45672	34.3365	0	4.7155	0.844098	0.089259	28.61975	0.089259
56.87	-2.08622	9.458617	34.3615	0	8.474501	2.086224	0.220563	28.625	0.220563	56.87	-0.8445	9.460003	34.3368	0	4.7125	0.844504	0.089271	28.62275	0.089271
56.88	-2.08534	9.462374	34.3623	0	8.462501	2.085337	0.220382	28.637	0.220382	56.88	-0.84543	9.462558	34.3375	0	4.7055	0.845427	0.089344	28.62975	0.089344
56.89	-2.08382	9.464379	34.3625	0	8.4595	2.083823	0.220175	28.64	0.220175	56.89	-0.84539	9.465984	34.3375	0	4.7055	0.84539	0.089308	28.62975	0.089308
56.9	-2.08405	9.467625	34.3628	0	8.456426	2.084045	0.220123	28.64308	0.220123	56.9	-0.84539	9.467771	34.3383	0	4.6933	0.84539	0.089291	28.64195	0.089291
56.91	-2.08379	9.47036	34.3635	0	8.44925	2.083786	0.220032	28.65025	0.220032	56.91	-0.84513	9.470287	34.3385	0	4.69025	0.845132	0.089224	28.645	0.089224
56.92	-2.0846	9.474459	34.3635	0	8.44925	2.084459	0.220002	28.65025	0.220002	56.92	-0.84502	9.471746	34.3386	0	4.68725	0.845021	0.089215	28.648	0.089215
56.93	-2.0843	9.477545	34.3643	0	8.437251	2.084303	0.21992	28.66225	0.21992	56.93	-0.84594	9.474918	34.339	0	4.68025	0.845944	0.089282	28.655	0.089282
56.94	-2.08464	9.481884	34.3645	0	8.434251	2.084636	0.219855	28.66525	0.219855	56.94	-0.84716	9.476706	34.339						

57.51	-2.07751	9.573055	34.3795	0	8.146501	2.077509	0.217016	28.953	0.217016	57.51	-0.8455	9.578599	34.357	0	4.38775	0.845501	0.08827	28.9475	0.08827
57.52	-2.07769	9.576484	34.3795	0	8.146501	2.077694	0.216958	28.953	0.216958	57.52	-0.84676	9.581006	34.3572	0	4.384675	0.846756	0.088379	28.95058	0.088379
57.53	-2.07673	9.579765	34.3807	0	8.1347	2.076733	0.216783	28.9648	0.216783	57.53	-0.84716	9.582722	34.3575	0	4.3775	0.847162	0.088405	28.95775	0.088405
57.54	-2.07721	9.583595	34.381	0	8.13175	2.077214	0.216747	28.96775	0.216747	57.54	-0.84698	9.58265	34.3575	0	4.3775	0.846978	0.088388	28.95775	0.088388
57.55	-2.07751	9.585965	34.3811	0	8.128675	2.077509	0.216724	28.97083	0.216724	57.55	-0.84757	9.58086	34.3579	0	4.3653	0.847569	0.088465	28.96995	0.088465
57.56	-2.07851	9.587242	34.3815	0	8.1215	2.078506	0.216799	28.978	0.216799	57.56	-0.84823	9.578781	34.358	0	4.36225	0.848233	0.088553	28.973	0.088553
57.57	-2.07961	9.586184	34.3815	0	8.1215	2.079614	0.216939	28.978	0.216939	57.57	-0.84945	9.576958	34.3579	0	4.35925	0.849452	0.088697	28.976	0.088697
57.58	-2.08046	9.584617	34.3815	0	8.1097	2.080463	0.217063	28.9898	0.217063	57.58	-0.85004	9.574624	34.3575	0	4.35225	0.850043	0.088781	28.983	0.088781
57.59	-2.08013	9.582756	34.3815	0	8.10675	2.080131	0.217107	28.99275	0.217107	57.59	-0.8506	9.573237	34.3575	0	4.35225	0.850597	0.088852	28.983	0.088852
57.6	-2.07969	9.58137	34.3814	0	8.103676	2.079688	0.217055	28.99583	0.217055	57.6	-0.85137	9.571961	34.3575	0	4.34005	0.851372	0.088944	28.9852	0.088944
57.61	-2.07836	9.580422	34.381	0	8.0965	2.078358	0.216938	29.003	0.216938	57.61	-0.85122	9.573019	34.3575	0	4.337	0.851224	0.088919	28.98225	0.088919
57.62	-2.07821	9.579619	34.381	0	8.0965	2.078211	0.216941	29.003	0.216941	57.62	-0.85063	9.575098	34.3578	0	4.334075	0.850634	0.088838	29.00118	0.088838
57.63	-2.07884	9.581224	34.3818	0	8.0845	2.078838	0.21697	29.015	0.21697	57.63	-0.85074	9.575541	34.3585	0	4.32725	0.850744	0.088827	29.008	0.088827
57.64	-2.07899	9.583814	34.382	0	8.0815	2.078986	0.216927	29.018	0.216927	57.64	-0.84993	9.580021	34.3585	0	4.32725	0.849932	0.088719	29.008	0.088719
57.65	-2.07806	9.587278	34.3822	0	8.078425	2.078063	0.216752	29.02108	0.216752	57.65	-0.8499	9.58323	34.3593	0	4.31505	0.849895	0.088686	29.0202	0.088686
57.66	-2.07817	9.589868	34.3825	0	8.07125	2.078174	0.216705	29.02825	0.216705	57.66	-0.85078	9.585965	34.3595	0	4.312	0.850301	0.088703	29.02325	0.088703
57.67	-2.07799	9.593186	34.3825	0	8.07125	2.077989	0.216611	29.02825	0.216611	57.67	-0.85078	9.589612	34.3598	0	4.309075	0.850781	0.088719	29.02618	0.088719
57.68	-2.07803	9.595885	34.3837	0	8.059251	2.078026	0.216554	29.04025	0.216554	57.68	-0.85089	9.592895	34.3605	0	4.30225	0.850892	0.0887	29.033	0.0887
57.69	-2.0788	9.599714	34.384	0	8.056251	2.078801	0.216548	29.040325	0.216548	57.69	-0.85255	9.596469	34.3605	0	4.30225	0.852554	0.08884	29.033	0.08884
57.7	-2.07939	9.602923	34.3843	0	8.05325	2.079392	0.216537	29.04625	0.216537	57.7	-0.85292	9.599459	34.3613	0	4.28985	0.852923	0.088851	29.0454	0.088851
57.71	-2.08057	9.606862	34.385	0	8.04625	2.080574	0.216572	29.05325	0.216572	57.71	-0.8537	9.602741	34.3615	0	4.28675	0.853698	0.088902	29.0485	0.088902
57.72	-2.08087	9.609743	34.385	0	8.04625	2.080869	0.216537	29.05325	0.216537	57.72	-0.8561	9.604856	34.3618	0	4.283675	0.856099	0.089132	29.05158	0.089132
57.73	-2.08076	9.613718	34.3858	0	8.033851	2.080758	0.216436	29.06565	0.216436	57.73	-0.85743	9.607336	34.3625	0	4.2765	0.857428	0.089247	29.05875	0.089247
57.74	-2.08069	9.616198	34.386	0	8.03075	2.080685	0.216373	29.06875	0.216373	57.74	-0.85802	9.609597	34.3625	0	4.2765	0.858019	0.089288	29.05875	0.089288
57.75	-2.08035	9.619262	34.3862	0	8.027825	2.080352	0.216269	29.07168	0.216269	57.75	-0.8582	9.612478	34.3633	0	4.2643	0.858203	0.08928	29.07095	0.08928
57.76	-2.07991	9.61886	34.3865	0	8.021	2.079909	0.216232	29.0785	0.216232	57.76	-0.85735	9.615358	34.3635	0	4.26125	0.857354	0.089165	29.074	0.089165
57.77	-2.07932	9.618423	34.3865	0	8.021	2.079318	0.216181	29.0785	0.216181	57.77	-0.8568	9.618496	34.3638	0	4.25825	0.8568	0.089078	29.077	0.089078
57.78	-2.07987	9.616563	34.3865	0	8.009001	2.079872	0.216228	29.09095	0.216228	57.78	-0.85776	9.621668	34.3645	0	4.25125	0.85776	0.089149	29.084	0.089149
57.79	-2.08139	9.615067	34.3865	0	8.006001	2.081386	0.216471	29.0935	0.216471	57.79	-0.85905	9.624495	34.3645	0	4.25125	0.859053	0.089253	29.084	0.089253
57.8	-2.0836	9.612843	34.3864	0	8.002851	2.083602	0.216752	29.09665	0.216752	57.8	-0.86009	9.628122	34.3653	0	4.23925	0.860087	0.08931	29.096	0.08931
57.81	-2.08401	9.610983	34.386	0	7.995501	2.084008	0.216836	29.104	0.216836	57.81	-0.86101	9.630857	34.3655	0	4.23625	0.86101	0.089401	29.099	0.089401
57.82	-2.08272	9.6073	34.386	0	7.995501	2.082716	0.216785	29.104	0.216785	57.82	-0.86042	9.633265	34.3658	0	4.233175	0.860419	0.089317	29.10208	0.089317
57.83	-2.08161	9.604382	34.3856	0	7.9835	2.081608	0.216735	29.116	0.216735	57.83	-0.86156	9.635452	34.3665	0	4.226	0.861564	0.089424	29.10925	0.089424
57.84	-2.0808	9.601792	34.3855	0	7.9805	2.080795	0.216709	29.119	0.216709	57.84	-0.8626	9.634432	34.3665	0	4.226	0.862598	0.089333	29.10925	0.089333
57.85	-2.08065	9.60121	34.3855	0	7.974426	2.080648	0.216707	29.12208	0.216707	57.85	-0.86286	9.633265	34.3669	0	4.226	0.862856	0.08935	29.12125	0.08935
57.86	-2.08035	9.60048	34.3855	0	7.970251	2.080352	0.216693	29.12925	0.216693	57.86	-0.86298	9.631478	34.367	0	4.221	0.862893	0.089391	29.12425	0.089391
57.87	-2.0788	9.601756	34.3855	0	7.970251	2.078801	0.216502	29.12925	0.216502	57.87	-0.86496	9.629144	34.3669	0	4.20785	0.864961	0.089287	29.1274	0.089287
57.88	-2.07721	9.603106	34.3863	0	7.95805	2.077214	0.216306	29.14145	0.216306	57.88	-0.866	9.627211	34.3665	0	4.2005	0.865995	0.089553	29.13475	0.089553
57.89	-2.07766	9.605439	34.3865	0	7.955	2.077657	0.2163	29.1445	0.2163	57.89	-0.8664	9.626495	34.3665	0	4.2005	0.866401	0.089016	29.13475	0.089016
57.9	-2.07758	9.608065	34.3867	0	7.952075	2.077583	0.216233	29.14743	0.216233	57.9	-0.86544	9.622281	34.3661	0	4.1889	0.865441	0.089335	29.14635	0.089335
57.91	-2.07673	9.611457	34.387	0	7.945251	2.076733	0.216089	29.15425	0.216089	57.91	-0.86755	9.62072	34.366	0	4.186	0.867546	0.090175	29.14925	0.090175
57.92	-2.07526	9.615176	34.387	0	7.945251	2.075256	0.215831	29.15425	0.215831	57.92	-0.86958	9.618969	34.366	0	4.182925	0.869577	0.090402	29.15233	0.090402
57.93	-2.07492	9.619079	34.3882	0	7.93305	2.074924	0.215709	29.16645	0.215709	57.93	-0.86995	9.617949	34.366	0	4.17575	0.869946	0.09045	29.1595	0.09045
57.94	-2.07408	9.622434	34.3885	0	7.93	2.074075	0.215546	29.1695	0.215546	57.94	-0.86902	9.618057	34.366	0	4.17575	0.869023	0.090353	29.1595	0.090353
57.95	-2.07363	9.626555	34.3888	0	7.927001	2.073632	0.215407	29.1725	0.215407	57.95	-0.86906	9.618496	34.3668	0	4.16375	0.86906	0.090433	29.1715	0.090433
57.96	-2.07334	9.630165	34.3895	0	7.920001	2.073336	0.215296	29.1795	0.215296	57.96	-0.87002	9.620938	34.367	0	4.16075	0.87002	0.090345	29.1745	0.090345
57.97	-2.07234	9.633885	34.3895	0	7.920001	2.072339	0.215109	29.1795	0.215109	57.97	-0.8715	9.623673	34.3671	0	4.157675	0.871497	0.090558	29.17758	0.090558
57.98	-2.07138	9.637094	34.3903	0	7.9078	2.071379	0.214938	29.1917	0.214938	57.98	-0.87128	9.627138	34.3675	0	4.1505	0.871275	0.090502	29.18475	0.090502
57.99	-2.07112	9.640413	34.3905	0	7.90475	2.071121	0.214837	29.19475	0.214837	57.99	-0.8715	9.630384	34.3675	0	4.1505	0.871497	0.090495	29.18475	0.090495
58	-2.07164	9.642528	34.3908	0	7.901825	2.071638	0.214844	29.19768	0.214844	58	-0.87139	9.634114	34.3687	0	4.138	0.871386	0.090448	29.19635	0.090448
58.01	-2.07241	9.645592	34.3915	0	7.895	2.072413	0.214856	29.2045	0.214856	58.01	-0.87135	9.638115	34.369	0	4.1369	0.871349	0.090407	29.19925	0.090407
58.02	-2.0726	9.648801	34.3915	0	7.895	2.072598	0.214804	29.2045	0.214804	58.02	-0.87301	9.641871	34.3692	0	4.12285	0.873011	0.090544	29.2024	0.090544
58.03	-2.07282	9.652594	34.3923	0	7.8828	2.072819	0.214742	29.2167											

58.6	-2.06939	9.741832	34.4068	0	7.598825	2.069385	0.212423	29.50068	0.212423	58.6	-0.89624	9.73483	34.3854	0	3.83575	0.896238	0.092065	29.4995	0.092065
58.61	-2.06854	9.745296	34.4075	0	7.592	2.068536	0.21226	29.5075	0.21226	58.61	-0.8955	9.734246	34.3855	0	3.83275	0.895499	0.091995	29.5025	0.091995
58.62	-2.06987	9.748615	34.4075	0	7.592	2.069865	0.212324	29.5075	0.212324	58.62	-0.89387	9.737273	34.3858	0	3.829675	0.893874	0.091799	29.50558	0.091799
58.63	-2.07326	9.751642	34.4083	0	7.5796	2.073262	0.212606	29.5199	0.212606	58.63	-0.89258	9.739644	34.3865	0	3.8225	0.892582	0.091644	29.51275	0.091644
58.64	-2.07522	9.75496	34.4085	0	7.5765	2.075219	0.212735	29.523	0.212735	58.64	-0.89096	9.742707	34.3865	0	3.8225	0.890957	0.091449	29.51275	0.091449
58.65	-2.076	9.758936	34.4088	0	7.5735	2.075995	0.212728	29.526	0.212728	58.65	-0.89037	9.744057	34.3873	0	3.8107	0.890366	0.091375	29.52455	0.091375
58.66	-2.07474	9.762327	34.4095	0	7.5665	2.074739	0.212525	29.533	0.212525	58.66	-0.89147	9.748323	34.3875	0	3.80775	0.891474	0.091449	29.5275	0.091449
58.67	-2.07504	9.76612	34.4095	0	7.5665	2.075035	0.212473	29.533	0.212473	58.67	-0.89144	9.750567	34.3876	0	3.804675	0.891437	0.091423	29.53058	0.091423
58.68	-2.07577	9.768709	34.4103	0	7.5545	2.075773	0.212492	29.545	0.212492	58.68	-0.89155	9.755362	34.388	0	3.7975	0.891548	0.091391	29.53775	0.091391
58.69	-2.07744	9.770861	34.4105	0	7.5515	2.077435	0.212615	29.548	0.212615	58.69	-0.89166	9.758206	34.388	0	3.7975	0.891659	0.091375	29.53775	0.091375
58.7	-2.07869	9.771991	34.4107	0	7.54835	2.078691	0.212719	29.55115	0.212719	58.7	-0.8921	9.762619	34.3892	0	3.7855	0.892102	0.091379	29.54975	0.091379
58.71	-2.07917	9.771809	34.411	0	7.541	2.079171	0.212772	29.5585	0.212772	58.71	-0.89974	9.765755	34.3895	0	3.7825	0.899739	0.091108	29.55275	0.091108
58.72	-2.07899	9.770533	34.411	0	7.541	2.078986	0.212781	29.5585	0.212781	58.72	-0.89822	9.769239	34.3897	0	3.779425	0.898224	0.09092	29.55583	0.09092
58.73	-2.07921	9.7686	34.411	0	7.5294	2.079208	0.212846	29.5701	0.212846	58.73	-0.89815	9.771116	34.39	0	3.77225	0.898148	0.090998	29.563	0.090998
58.74	-2.08009	9.76663	34.411	0	7.5265	2.080094	0.21298	29.573	0.21298	58.74	-0.89122	9.774325	34.39	0	3.77225	0.891216	0.091179	29.563	0.091179
58.75	-2.08098	9.764625	34.4109	0	7.523425	2.08098	0.213114	29.57608	0.213114	58.75	-0.89188	9.775493	34.3912	0	3.76005	0.89188	0.091236	29.5732	0.091236
58.76	-2.08035	9.763203	34.4105	0	7.51625	2.080352	0.213081	29.58325	0.213081	58.76	-0.89088	9.779576	34.3915	0	3.757	0.890883	0.091096	29.57825	0.091096
58.77	-2.07984	9.762072	34.4105	0	7.51625	2.079835	0.213053	29.58325	0.213053	58.77	-0.89111	9.781363	34.3917	0	3.754	0.891111	0.090988	29.58125	0.090988
58.78	-2.07958	9.761342	34.4109	0	7.50425	2.079577	0.213042	29.59525	0.213042	58.78	-0.89978	9.785084	34.392	0	3.747	0.899775	0.090932	29.58825	0.090932
58.79	-2.0795	9.761014	34.411	0	7.50125	2.079503	0.213042	29.59825	0.213042	58.79	-0.89114	9.787126	34.392	0	3.747	0.891142	0.091052	29.58825	0.091052
58.8	-2.07899	9.763312	34.4112	0	7.4981	2.078986	0.212939	29.6014	0.212939	58.8	-0.89162	9.790846	34.3932	0	3.7385	0.891622	0.091067	29.60025	0.091067
58.81	-2.07769	9.76674	34.4115	0	7.49075	2.077694	0.212732	29.60875	0.212732	58.81	-0.89147	9.793435	34.3935	0	3.732	0.891474	0.091028	29.60325	0.091028
58.82	-2.07707	9.770715	34.4115	0	7.49075	2.077066	0.212581	29.60875	0.212581	58.82	-0.89055	9.796607	34.3937	0	3.729	0.890551	0.090904	29.60625	0.090904
58.83	-2.07784	9.774435	34.4127	0	7.47915	2.077841	0.212579	29.62035	0.212579	58.83	-0.89941	9.797009	34.394	0	3.722	0.899406	0.090783	29.61325	0.090783
58.84	-2.07854	9.778264	34.413	0	7.47625	2.078543	0.212568	29.62325	0.212568	58.84	-0.89904	9.796134	34.394	0	3.722	0.899037	0.090754	29.61325	0.090754
58.85	-2.07902	9.781983	34.4133	0	7.473175	2.079023	0.212536	29.62633	0.212536	58.85	-0.89885	9.793545	34.394	0	3.709	0.898852	0.090759	29.62545	0.090759
58.86	-2.07991	9.785812	34.414	0	7.466001	2.079909	0.212543	29.6335	0.212543	58.86	-0.8883	9.79194	34.394	0	3.70675	0.888298	0.090717	29.6285	0.090717
58.87	-2.08109	9.788949	34.414	0	7.466001	2.081091	0.212596	29.6335	0.212596	58.87	-0.888	9.792977	34.394	0	3.70375	0.888003	0.090712	29.6315	0.090712
58.88	-2.08194	9.791721	34.4148	0	7.4536	2.08194	0.212622	29.6459	0.212622	58.88	-0.88815	9.797745	34.394	0	3.69675	0.888151	0.090741	29.6385	0.090741
58.89	-2.08264	9.794311	34.415	0	7.4505	2.082642	0.212638	29.649	0.212638	58.89	-0.88874	9.795302	34.394	0	3.69675	0.888741	0.090824	29.6385	0.090824
58.9	-2.08297	9.797374	34.4151	0	7.4475	2.082974	0.212605	29.652	0.212605	58.9	-0.88841	9.784864	34.394	0	3.68475	0.888409	0.090794	29.6505	0.090794
58.91	-2.08297	9.800583	34.4155	0	7.4405	2.082974	0.212536	29.659	0.212536	58.91	-0.88856	9.783297	34.394	0	3.68175	0.888557	0.090824	29.6535	0.090824
58.92	-2.08275	9.80463	34.4155	0	7.4405	2.082752	0.212425	29.659	0.212425	58.92	-0.8893	9.784792	34.3941	0	3.6786	0.889295	0.090885	29.65665	0.090885
58.93	-2.08345	9.807877	34.4167	0	7.4285	2.083454	0.212427	29.671	0.212427	58.93	-0.8897	9.786798	34.3945	0	3.67125	0.889702	0.090908	29.664	0.090908
58.94	-2.08681	9.811268	34.417	0	7.4255	2.086814	0.212696	29.674	0.212696	58.94	-0.89022	9.789715	34.3945	0	3.67125	0.890219	0.090908	29.664	0.090908
58.95	-2.08855	9.814331	34.4173	0	7.422575	2.08855	0.212806	29.67693	0.212806	58.95	-0.89029	9.792815	34.3953	0	3.65945	0.890292	0.090913	29.6758	0.090913
58.96	-2.08984	9.81772	34.418	0	7.415751	2.089842	0.212864	29.68375	0.212864	58.96	-0.89074	9.796425	34.3955	0	3.6565	0.890736	0.090925	29.67875	0.090925
58.97	-2.09032	9.820167	34.418	0	7.415751	2.090322	0.21286	29.68375	0.21286	58.97	-0.89026	9.799671	34.3958	0	3.653425	0.890255	0.090945	29.68183	0.090945
58.98	-2.09095	9.822062	34.4184	0	7.40335	2.09095	0.212883	29.69615	0.212883	58.98	-0.88986	9.803792	34.3963	0	3.64625	0.889863	0.090675	29.689	0.090675
58.99	-2.09162	9.82199	34.4185	0	7.40025	2.091615	0.212952	29.69925	0.212952	58.99	-0.88712	9.807329	34.3965	0	3.64625	0.887117	0.090454	29.689	0.090454
59	-2.09235	9.82126	34.4185	0	7.397175	2.092353	0.213043	29.70233	0.213043	59	-0.88782	9.811012	34.3977	0	3.63425	0.887818	0.090492	29.701	0.090492
59.01	-2.09269	9.819036	34.4185	0	7.39	2.092686	0.213125	29.7095	0.213125	59.01	-0.88896	9.813493	34.3978	0	3.63125	0.888963	0.090586	29.704	0.090586
59.02	-2.09287	9.817978	34.4185	0	7.39	2.09287	0.213167	29.7095	0.213167	59.02	-0.88974	9.8163	34.3982	0	3.628175	0.889739	0.090639	29.70708	0.090639
59.03	-2.09265	9.815863	34.4185	0	7.378201	2.092649	0.213191	29.7213	0.213191	59.03	-0.88926	9.81867	34.3985	0	3.621	0.889258	0.090568	29.71425	0.090568
59.04	-2.09361	9.814149	34.4185	0	7.37525	2.093609	0.213326	29.72425	0.213326	59.04	-0.88922	9.821515	34.3985	0	3.621	0.889222	0.090538	29.71425	0.090538
59.05	-2.09431	9.811815	34.4184	0	7.3721	2.094311	0.213448	29.7274	0.213448	59.05	-0.88826	9.824178	34.3993	0	3.609	0.888261	0.090416	29.72625	0.090416
59.06	-2.09509	9.810721	34.418	0	7.36475	2.095086	0.213551	29.73475	0.213551	59.06	-0.88845	9.82746	34.3995	0	3.606	0.888446	0.090404	29.72925	0.090404
59.07	-2.09472	9.809481	34.418	0	7.36475	2.094717	0.21354	29.73475	0.21354	59.07	-0.88734	9.830523	34.3998	0	3.603	0.887338	0.090264	29.73225	0.090264
59.08	-2.09342	9.809044	34.4184	0	7.352951	2.093424	0.213418	29.74655	0.213418	59.08	-0.88675	9.833842	34.4005	0	3.596	0.886747	0.090173	29.73925	0.090173
59.09	-2.09228	9.809044	34.4185	0	7.35	2.092297	0.213301	29.7495	0.213301	59.09	-0.88586	9.836432	34.4005	0	3.596	0.885861	0.090059	29.73925	0.090059
59.1	-2.09139	9.811523	34.4187	0	7.346925	2.091393	0.213157	29.75258	0.213157	59.1	-0.88549	9.840005	34.4013	0	3.58258	0.885492	0.089989	29.75165	0.089989
59.11	-2.0915	9.814039	34.419	0	7.33975	2.091504	0.213113	29.75975	0.213113	59.11	-0.88675	9.842048	34.4015	0	3.5805	0.886747	0.090098	29.75475	0.090098
59.12	-2.09387	9.817905	34.419	0	7.33975	2.093867	0.213227	29.75975	0.213227	59.12	-0.88852</								

59.69	-1.98398	9.912468	34.4325	0	7.0995	1.983975	0.200149	30	0.200149	59.69	-0.74159	9.934313	34.418	0	3.33525	0.74159	0.074649	30	0.074649
59.7	-1.97762	9.912614	34.4327	0	7.0995	1.977623	0.199506	30	0.199506	59.7	-0.73576	9.93114	34.418	0	3.33525	0.735756	0.074086	30	0.074086
59.71	-1.97183	9.911556	34.433	0	7.0995	1.971826	0.198942	30	0.198942	59.71	-0.7307	9.928988	34.418	0	3.33525	0.730697	0.073592	30	0.073592
59.72	-1.96647	9.913306	34.433	0	7.0995	1.966472	0.198367	30	0.198367	59.72	-0.72575	9.925888	34.4179	0	3.33525	0.725749	0.073117	30	0.073117
59.73	-1.96097	9.915349	34.4338	0	7.0995	1.96097	0.197771	30	0.197771	59.73	-0.72124	9.923882	34.4175	0	3.33525	0.721244	0.072678	30	0.072678
59.74	-1.95576	9.917865	34.434	0	7.0995	1.955763	0.197196	30	0.197196	59.74	-0.71692	9.921329	34.4175	0	3.33525	0.716924	0.072261	30	0.072261
59.75	-1.95111	9.919908	34.4343	0	7.0995	1.95111	0.196686	30	0.196686	59.75	-0.71312	9.920564	34.4179	0	3.33545	0.71312	0.071883	29.9998	0.071883
59.76	-1.94664	9.923299	34.435	0	7.0995	1.946642	0.196169	30	0.196169	59.76	-0.70939	9.921257	34.418	0	3.3355	0.709391	0.071502	29.99975	0.071502
59.77	-1.94243	9.926144	34.435	0	7.0995	1.942433	0.195689	30	0.195689	59.77	-0.70607	9.923335	34.4182	0	3.3355	0.706067	0.071152	29.99975	0.071152
59.78	-1.93845	9.929572	34.4358	0	7.0995	1.938445	0.195219	30	0.195219	59.78	-0.70274	9.924685	34.4185	0	3.3355	0.702744	0.070808	29.99975	0.070808
59.79	-1.9346	9.933146	34.436	0	7.0995	1.934604	0.194762	30	0.194762	59.79	-0.6999	9.927493	34.4185	0	3.3355	0.699901	0.070501	29.99975	0.070501
59.8	-1.93132	9.936829	34.4363	0	7.0995	1.931318	0.19436	30	0.19436	59.8	-0.69695	9.929572	34.4193	0	3.3355	0.696946	0.070189	29.99975	0.070189
59.81	-1.92785	9.940475	34.437	0	7.0995	1.927847	0.193939	30	0.193939	59.81	-0.69447	9.932854	34.4195	0	3.3355	0.694472	0.069917	29.99975	0.069917
59.82	-1.92504	9.943685	34.437	0	7.0995	1.92504	0.193594	30	0.193594	59.82	-0.692	9.935225	34.4198	0	3.3355	0.691998	0.069651	29.99975	0.069651
59.83	-1.92194	9.946749	34.4378	0	7.0995	1.921938	0.193223	30	0.193223	59.83	-0.68967	9.939382	34.4205	0	3.3355	0.689672	0.069388	29.99975	0.069388
59.84	-1.9191	9.948754	34.438	0	7.0995	1.919095	0.192898	30	0.192898	59.84	-0.68742	9.941242	34.4205	0	3.3355	0.687419	0.069148	29.99975	0.069148
59.85	-1.91673	9.951344	34.4383	0	7.0995	1.916732	0.19261	30	0.19261	59.85	-0.68546	9.94467	34.4217	0	3.3355	0.685462	0.068928	29.99975	0.068928
59.86	-1.9143	9.953459	34.439	0	7.0995	1.914295	0.192325	30	0.192325	59.86	-0.68373	9.946785	34.422	0	3.3355	0.683727	0.068738	29.99975	0.068738
59.87	-1.91171	9.956266	34.439	0	7.0995	1.91171	0.192011	30	0.192011	59.87	-0.6821	9.9489	34.4221	0	3.3355	0.682102	0.068561	29.99975	0.068561
59.88	-1.90961	9.959074	34.4398	0	7.0995	1.909605	0.191745	30	0.191745	59.88	-0.68029	9.949812	34.4225	0	3.3355	0.680293	0.068372	29.99975	0.068372
59.89	-1.90776	9.961992	34.44	0	7.0995	1.907759	0.191504	30	0.191504	59.89	-0.67907	9.952583	34.4225	0	3.3355	0.679074	0.068231	29.99975	0.068231
59.9	-1.90536	9.964947	34.4403	0	7.0995	1.905359	0.191206	30	0.191206	59.9	-0.67734	9.954297	34.4237	0	3.3355	0.677339	0.068045	29.99975	0.068045
59.91	-1.90325	9.968119	34.441	0	7.0995	1.903254	0.190934	30	0.190934	59.91	-0.67601	9.957653	34.424	0	3.3355	0.676009	0.067888	29.99975	0.067888
59.92	-1.90133	9.971073	34.441	0	7.0995	1.901334	0.190685	30	0.190685	59.92	-0.67457	9.959549	34.4242	0	3.3355	0.674569	0.067731	29.99975	0.067731
59.93	-1.89956	9.973443	34.4418	0	7.0995	1.899561	0.190462	30	0.190462	59.93	-0.6732	9.962977	34.4245	0	3.3355	0.673203	0.06757	29.99975	0.06757
59.94	-1.89764	9.976069	34.442	0	7.0995	1.897641	0.190219	30	0.190219	59.94	-0.67176	9.965092	34.4245	0	3.3355	0.671763	0.067412	29.99975	0.067412
59.95	-1.8962	9.977893	34.4423	0	7.0995	1.896201	0.19004	30	0.19004	59.95	-0.67106	9.96841	34.4257	0	3.3355	0.671061	0.067319	29.99975	0.067319
59.96	-1.8945	9.979789	34.443	0	7.0995	1.894502	0.189834	30	0.189834	59.96	-0.66958	9.96976	34.426	0	3.3355	0.669584	0.067162	29.99975	0.067162
59.97	-1.89284	9.982232	34.443	0	7.0995	1.892841	0.189621	30	0.189621	59.97	-0.66903	9.972167	34.4262	0	3.3355	0.66903	0.06709	29.99975	0.06709
59.98	-1.89133	9.983727	34.4438	0	7.0995	1.891327	0.189441	30	0.189441	59.98	-0.66796	9.973297	34.4265	0	3.3355	0.667959	0.066975	29.99975	0.066975
59.99	-1.88959	9.983436	34.444	0	7.0995	1.889591	0.189273	30	0.189273	59.99	-0.66696	9.975485	34.4265	0	3.3355	0.666962	0.06686	29.99975	0.06686
60	-1.88896	9.98132	34.4439	0	7.0995	1.888963	0.18925	30	0.18925	60	-0.666578	9.977272	34.4273	0	3.3355	0.665781	0.06673	29.99975	0.06673
60.01	-1.88778	9.978622	34.4435	0	7.0995	1.887782	0.189183	30	0.189183	60.01	-0.66493	9.980482	34.4275	0	3.3355	0.664931	0.066623	29.99975	0.066623
60.02	-1.88679	9.976434	34.4435	0	7.0995	1.886785	0.189124	30	0.189124	60.02	-0.66416	9.982414	34.4278	0	3.3355	0.664156	0.066533	29.99975	0.066533
60.03	-1.88568	9.973553	34.4431	0	7.0995	1.885677	0.189068	30	0.189068	60.03	-0.66345	9.985733	34.4285	0	3.3355	0.663454	0.06644	29.99975	0.06644
60.04	-1.88446	9.971985	34.443	0	7.0995	1.884458	0.188975	30	0.188975	60.04	-0.6622	9.988286	34.4285	0	3.3355	0.662199	0.066298	29.99975	0.066298
60.05	-1.8835	9.970124	34.4431	0	7.0995	1.883498	0.188914	30	0.188914	60.05	-0.66179	9.990911	34.4297	0	3.3355	0.661793	0.066239	29.99975	0.066239
60.06	-1.88254	9.969322	34.4435	0	7.0995	1.882538	0.188833	30	0.188833	60.06	-0.66087	9.992881	34.43	0	3.3355	0.660869	0.066134	29.99975	0.066134
										60.07	-0.66032	9.995178	34.4301	0	3.3355	0.660316	0.066063	29.99975	0.066063
										60.08	-0.6598	9.9962	34.4305	0	3.3355	0.659799	0.066005	29.99975	0.066005