

## log I(A/cm2)

E(mV)SCE	500W, 10sccm	500W, 8sccm	500W, 4sccm	304 Stainless steel
-1000	-4.1513	-4.00626	-4.22254	-3.90426
-998.5	-4.17106	-4.02835	-4.23782	-3.9256
-997	-4.18861	-4.04885	-4.25223	-3.94345
-995.5	-4.20473	-4.0667	-4.26517	-3.95835
-994	-4.21966	-4.08342	-4.2771	-3.97171
-992.5	-4.23282	-4.09933	-4.28819	-3.98329
-991	-4.24523	-4.11381	-4.29805	-3.99354
-989.5	-4.25721	-4.12782	-4.30768	-4.00299
-988	-4.26811	-4.14105	-4.31669	-4.01158
-986.5	-4.27881	-4.15306	-4.3253	-4.01963
-985	-4.28894	-4.16496	-4.33373	-4.02669
-983.5	-4.29821	-4.17572	-4.34047	-4.03371
-982	-4.30718	-4.18611	-4.34859	-4.03992
-980.5	-4.31538	-4.19629	-4.35581	-4.04594
-979	-4.32403	-4.20605	-4.36227	-4.05128
-977.5	-4.33167	-4.21519	-4.36985	-4.05643
-976	-4.33951	-4.22419	-4.37522	-4.0613
-974.5	-4.34664	-4.23268	-4.38223	-4.06571
-973	-4.35389	-4.24091	-4.38782	-4.07033
-971.5	-4.36113	-4.24891	-4.39383	-4.07435
-970	-4.36652	-4.25662	-4.39902	-4.07827
-968.5	-4.37333	-4.26416	-4.40462	-4.08223
-967	-4.37953	-4.27127	-4.4098	-4.08539
-965.5	-4.38529	-4.27803	-4.41519	-4.08904
-964	-4.39193	-4.28469	-4.42036	-4.09185
-962.5	-4.39676	-4.29129	-4.42464	-4.09532
-961	-4.40205	-4.29777	-4.4294	-4.09795
-959.5	-4.40791	-4.30391	-4.43363	-4.10075
-958	-4.41327	-4.30953	-4.43872	-4.10373
-956.5	-4.41834	-4.31538	-4.44394	-4.10639
-955	-4.42347	-4.32149	-4.44785	-4.10895
-953.5	-4.42727	-4.3271	-4.4521	-4.11143
-952	-4.43348	-4.33267	-4.45671	-4.11356
-950.5	-4.43796	-4.33783	-4.46104	-4.11609
-949	-4.44273	-4.34264	-4.46511	-4.11843
-947.5	-4.447	-4.34774	-4.46905	-4.12067
-946	-4.45078	-4.35296	-4.47351	-4.12244
-944.5	-4.45506	-4.35806	-4.4767	-4.12463
-943	-4.46033	-4.36252	-4.4815	-4.12654
-941.5	-4.46351	-4.36735	-4.48408	-4.12878
-940	-4.46744	-4.37198	-4.48828	-4.13052
-938.5	-4.47213	-4.37606	-4.49269	-4.13226
-937	-4.47547	-4.37993	-4.4962	-4.13405
-935.5	-4.47942	-4.38462	-4.4994	-4.13611

-934	-4.48283	-4.38937	-4.5027	-4.13791
-932.5	-4.48702	-4.39295	-4.50726	-4.13969
-931	-4.48955	-4.39737	-4.51027	-4.14117
-929.5	-4.4938	-4.40157	-4.51357	-4.14288
-928	-4.49801	-4.40525	-4.51716	-4.14463
-926.5	-4.50218	-4.40959	-4.52015	-4.14617
-925	-4.50524	-4.41292	-4.52334	-4.1479
-923.5	-4.5085	-4.41662	-4.52711	-4.14906
-922	-4.51178	-4.42022	-4.52951	-4.15057
-920.5	-4.51536	-4.42435	-4.53296	-4.15204
-919	-4.5187	-4.42749	-4.537	-4.15337
-917.5	-4.52188	-4.4311	-4.53937	-4.1547
-916	-4.52499	-4.43437	-4.54242	-4.15662
-914.5	-4.52831	-4.43796	-4.54539	-4.15752
-913	-4.53063	-4.44159	-4.54858	-4.15891
-911.5	-4.53456	-4.44478	-4.55121	-4.16045
-910	-4.53757	-4.44862	-4.55493	-4.1616
-908.5	-4.54099	-4.4521	-4.5578	-4.16288
-907	-4.54376	-4.45459	-4.55998	-4.16388
-905.5	-4.54655	-4.45741	-4.56258	-4.16548
-904	-4.54946	-4.46073	-4.56691	-4.16628
-902.5	-4.55307	-4.46367	-4.56934	-4.16802
-901	-4.55572	-4.46703	-4.57251	-4.16919
-899.5	-4.55849	-4.4701	-4.57497	-4.17004
-898	-4.56028	-4.47384	-4.57662	-4.17118
-896.5	-4.56519	-4.47547	-4.58016	-4.1724
-895	-4.56701	-4.47909	-4.58361	-4.17334
-893.5	-4.57005	-4.48158	-4.58583	-4.17436
-892	-4.57261	-4.48433	-4.58794	-4.17539
-890.5	-4.57539	-4.48752	-4.59061	-4.17654
-889	-4.57725	-4.4893	-4.59426	-4.1774
-887.5	-4.5813	-4.49252	-4.59696	-4.1786
-886	-4.58246	-4.4956	-4.59957	-4.17943
-884.5	-4.58477	-4.49767	-4.60186	-4.18014
-883	-4.5889	-4.50061	-4.60395	-4.18147
-881.5	-4.59082	-4.50261	-4.60727	-4.1823
-880	-4.59361	-4.50656	-4.61005	-4.18339
-878.5	-4.59674	-4.50867	-4.61252	-4.18414
-877	-4.59902	-4.51143	-4.61533	-4.18494
-875.5	-4.60186	-4.51437	-4.61738	-4.18574
-874	-4.60285	-4.51671	-4.62023	-4.18654
-872.5	-4.60649	-4.51933	-4.6224	-4.18784
-871	-4.60894	-4.52151	-4.62494	-4.18839
-869.5	-4.61128	-4.52425	-4.62796	-4.18949
-868	-4.61364	-4.52591	-4.63018	-4.19068
-866.5	-4.61669	-4.52812	-4.6337	-4.19111
-865	-4.61954	-4.53109	-4.63512	-4.19213
-863.5	-4.62046	-4.53343	-4.63845	-4.19277
-862	-4.62321	-4.53672	-4.64	-4.19376
-860.5	-4.62715	-4.53909	-4.64252	-4.19449

-859	-4.62784	-4.54051	-4.64615	-4.19526
-857.5	-4.63111	-4.54242	-4.64761	-4.19612
-856	-4.63429	-4.54415	-4.65079	-4.19672
-854.5	-4.63512	-4.54723	-4.65263	-4.1972
-853	-4.63773	-4.54994	-4.65498	-4.19824
-851.5	-4.64096	-4.5516	-4.65759	-4.19897
-850	-4.6424	-4.55425	-4.66021	-4.19975
-848.5	-4.64579	-4.55671	-4.66248	-4.20058
-847	-4.6481	-4.55889	-4.66539	-4.20106
-845.5	-4.65017	-4.56118	-4.66742	-4.20189
-844	-4.65226	-4.56348	-4.66959	-4.20302
-842.5	-4.65461	-4.56509	-4.67204	-4.20355
-841	-4.65572	-4.56721	-4.67514	-4.20408
-839.5	-4.65884	-4.56934	-4.67618	-4.20452
-838	-4.66197	-4.57128	-4.67944	-4.20544
-836.5	-4.66286	-4.57333	-4.68023	-4.2061
-835	-4.66539	-4.576	-4.68353	-4.20694
-833.5	-4.6678	-4.57756	-4.68632	-4.20734
-832	-4.67049	-4.58005	-4.68885	-4.20751
-830.5	-4.67139	-4.58214	-4.69073	-4.2092
-829	-4.67449	-4.58382	-4.69438	-4.20951
-827.5	-4.67553	-4.58604	-4.69547	-4.2104
-826	-4.67749	-4.58699	-4.69806	-4.21075
-824.5	-4.68181	-4.58986	-4.70136	-4.21173
-823	-4.68287	-4.59296	-4.70205	-4.21214
-821.5	-4.68525	-4.59501	-4.7044	-4.21254
-820	-4.68725	-4.59728	-4.70746	-4.21334
-818.5	-4.69047	-4.59804	-4.70929	-4.21388
-817	-4.69167	-4.60055	-4.71168	-4.2146
-815.5	-4.69452	-4.60175	-4.71423	-4.21474
-814	-4.69683	-4.60516	-4.71551	-4.21573
-812.5	-4.69751	-4.60638	-4.71779	-4.21645
-811	-4.70039	-4.60727	-4.7211	-4.21685
-809.5	-4.70357	-4.61072	-4.7224	-4.21753
-808	-4.70538	-4.61106	-4.72516	-4.21844
-806.5	-4.70746	-4.61443	-4.72633	-4.21871
-805	-4.70887	-4.61522	-4.72882	-4.2193
-803.5	-4.7114	-4.61704	-4.73176	-4.21989
-802	-4.71409	-4.61988	-4.73369	-4.22039
-800.5	-4.71537	-4.62171	-4.73742	-4.22149
-799	-4.71765	-4.62332	-4.73892	-4.22181
-797.5	-4.72153	-4.6261	-4.74073	-4.22226
-796	-4.72211	-4.62703	-4.74437	-4.22263
-794.5	-4.72458	-4.62936	-4.74528	-4.22341
-793	-4.72706	-4.631	-4.74865	-4.22368
-791.5	-4.72837	-4.63311	-4.75127	-4.2241
-790	-4.73073	-4.635	-4.75267	-4.22502
-788.5	-4.73161	-4.63726	-4.755	-4.22552
-787	-4.73473	-4.6388	-4.75813	-4.22594
-785.5	-4.73772	-4.64	-4.75876	-4.22626

-784	-4.73982	-4.6424	-4.76255	-4.22691
-782.5	-4.74133	-4.64481	-4.7643	-4.22737
-781	-4.74285	-4.64579	-4.7659	-4.22807
-779.5	-4.74543	-4.64834	-4.76798	-4.22811
-778	-4.74742	-4.64895	-4.77024	-4.22872
-776.5	-4.75065	-4.65189	-4.77413	-4.22941
-775	-4.75297	-4.65374	-4.77511	-4.23025
-773.5	-4.75469	-4.65572	-4.77774	-4.23025
-772	-4.75703	-4.65771	-4.78103	-4.23067
-770.5	-4.75876	-4.65959	-4.78087	-4.23207
-769	-4.7616	-4.66072	-4.78353	-4.23207
-767.5	-4.76334	-4.66336	-4.78687	-4.23259
-766	-4.76638	-4.66501	-4.78974	-4.23292
-764.5	-4.76782	-4.66628	-4.79262	-4.23348
-763	-4.76992	-4.66768	-4.79296	-4.23381
-761.5	-4.77186	-4.67011	-4.79758	-4.23447
-760	-4.77528	-4.67152	-4.79896	-4.23489
-758.5	-4.77609	-4.6741	-4.80069	-4.23545
-757	-4.77757	-4.67553	-4.80277	-4.2356
-755.5	-4.78137	-4.67696	-4.80592	-4.23616
-754	-4.78186	-4.67919	-4.80856	-4.23664
-752.5	-4.78403	-4.68128	-4.81086	-4.23725
-751	-4.78721	-4.68247	-4.81317	-4.23768
-749.5	-4.78923	-4.68472	-4.81549	-4.23829
-748	-4.79347	-4.68711	-4.81783	-4.23882
-746.5	-4.79296	-4.68845	-4.82091	-4.23934
-745	-4.79706	-4.69114	-4.82145	-4.23943
-743.5	-4.79844	-4.69195	-4.82565	-4.23986
-742	-4.80017	-4.69343	-4.82804	-4.24039
-740.5	-4.80155	-4.69574	-4.83045	-4.24058
-739	-4.80417	-4.69697	-4.83119	-4.24139
-737.5	-4.80627	-4.69861	-4.83362	-4.24153
-736	-4.80838	-4.70191	-4.837	-4.24201
-734.5	-4.81157	-4.70315	-4.83869	-4.24283
-733	-4.8146	-4.70496	-4.84154	-4.24316
-731.5	-4.81531	-4.70677	-4.84364	-4.2435
-730	-4.81747	-4.70929	-4.84575	-4.24412
-728.5	-4.81964	-4.70999	-4.84768	-4.24422
-727	-4.82419	-4.71168	-4.85136	-4.24509
-725.5	-4.82419	-4.71395	-4.85273	-4.24562
-724	-4.82639	-4.71523	-4.85547	-4.24586
-722.5	-4.82879	-4.71779	-4.85843	-4.24591
-721	-4.83175	-4.71966	-4.86221	-4.24707
-719.5	-4.83399	-4.72298	-4.86261	-4.24717
-718	-4.83681	-4.72211	-4.86481	-4.2477
-716.5	-4.83813	-4.72531	-4.86905	-4.24843
-715	-4.84078	-4.72691	-4.87068	-4.24823
-713.5	-4.84422	-4.72852	-4.8719	-4.24911
-712	-4.8446	-4.73221	-4.87538	-4.24964
-710.5	-4.84864	-4.73324	-4.87869	-4.25047

-709	-4.85039	-4.73577	-4.88119	-4.25042
-707.5	-4.85331	-4.73712	-4.88349	-4.25062
-706	-4.85292	-4.73922	-4.88601	-4.25145
-704.5	-4.85665	-4.74088	-4.88919	-4.25189
-703	-4.86061	-4.74391	-4.89089	-4.25214
-701.5	-4.86101	-4.74589	-4.89239	-4.25287
-700	-4.86501	-4.74696	-4.89647	-4.25351
-698.5	-4.86723	-4.74865	-4.89907	-4.25361
-697	-4.86864	-4.75111	-4.90147	-4.25449
-695.5	-4.87129	-4.75328	-4.90432	-4.25494
-694	-4.87456	-4.75531	-4.90542	-4.25568
-692.5	-4.87621	-4.75531	-4.90985	-4.25558
-691	-4.87973	-4.75923	-4.91187	-4.25607
-689.5	-4.88202	-4.76049	-4.91366	-4.25721
-688	-4.88433	-4.76287	-4.91727	-4.25716
-686.5	-4.8877	-4.76446	-4.92068	-4.25731
-685	-4.89089	-4.76734	-4.92114	-4.25791
-683.5	-4.88982	-4.7683	-4.92459	-4.2583
-682	-4.89453	-4.77089	-4.9262	-4.2588
-680.5	-4.89973	-4.77218	-4.93085	-4.2591
-679	-4.9006	-4.77577	-4.93273	-4.2596
-677.5	-4.90191	-4.77724	-4.93579	-4.26035
-676	-4.90454	-4.7807	-4.93698	-4.261
-674.5	-4.90631	-4.7817	-4.94055	-4.26125
-673	-4.91119	-4.7822	-4.94319	-4.26165
-671.5	-4.91276	-4.78536	-4.94681	-4.2622
-670	-4.91569	-4.78788	-4.94876	-4.2624
-668.5	-4.91909	-4.79024	-4.95292	-4.26391
-667	-4.92	-4.79245	-4.95588	-4.26386
-665.5	-4.92206	-4.79501	-4.95887	-4.26406
-664	-4.92528	-4.7962	-4.96187	-4.26431
-662.5	-4.92829	-4.79809	-4.96465	-4.26522
-661	-4.93132	-4.80155	-4.9682	-4.26557
-659.5	-4.93509	-4.80207	-4.97024	-4.26608
-658	-4.93698	-4.80609	-4.97281	-4.26643
-656.5	-4.94055	-4.80891	-4.97462	-4.26704
-655	-4.94223	-4.81015	-4.97877	-4.26719
-653.5	-4.94464	-4.81263	-4.98061	-4.26801
-652	-4.94827	-4.81639	-4.98298	-4.26801
-650.5	-4.95317	-4.81621	-4.98775	-4.26892
-649	-4.95391	-4.82145	-4.99042	-4.26897
-647.5	-4.95787	-4.82145	-4.99284	-4.26979
-646	-4.96062	-4.82474	-4.99527	-4.27056
-644.5	-4.96263	-4.82712	-4.99854	-4.27076
-643	-4.96642	-4.82953	-5.00156	-4.27117
-641.5	-4.96896	-4.83287	-5.00349	-4.27194
-640	-4.97075	-4.8338	-5.00738	-4.27219
-638.5	-4.97307	-4.83568	-5.00962	-4.2723
-637	-4.97721	-4.84078	-5.01243	-4.27327
-635.5	-4.97851	-4.83945	-5.01897	-4.27374

-634	-4.98429	-4.84269	-5.01868	-4.27379
-632.5	-4.98615	-4.84441	-5.02069	-4.27441
-631	-4.98748	-4.84807	-5.02532	-4.27508
-629.5	-4.99365	-4.85078	-5.02794	-4.27565
-628	-4.99636	-4.8541	-5.03058	-4.27632
-626.5	-4.99854	-4.85665	-5.03472	-4.27653
-625	-5.00184	-4.85902	-5.0395	-4.27673
-623.5	-5.00156	-4.86201	-5.041	-4.27782
-622	-5.00738	-4.86381	-5.04312	-4.27762
-620.5	-5.01074	-4.86602	-5.04464	-4.27892
-619	-5.01299	-4.86966	-5.05014	-4.27902
-617.5	-5.01469	-4.87211	-5.05416	-4.2796
-616	-5.02012	-4.87538	-5.05665	-4.27986
-614.5	-5.02213	-4.87745	-5.06105	-4.28075
-613	-5.02765	-4.87952	-5.06231	-4.28085
-611.5	-5.02882	-4.88454	-5.06645	-4.28185
-610	-5.03235	-4.88517	-5.06933	-4.28174
-608.5	-5.03502	-4.88791	-5.07224	-4.28263
-607	-5.038	-4.89089	-5.07778	-4.283
-605.5	-5.0401	-4.89604	-5.0824	-4.28342
-604	-5.04524	-4.89712	-5.0874	-4.28485
-602.5	-5.04799	-4.89929	-5.08572	-4.28458
-601	-5.0523	-4.90169	-5.0911	-4.28554
-599.5	-5.0579	-4.90344	-5.09246	-4.28622
-598	-5.05822	-4.90808	-5.09518	-4.28633
-596.5	-5.0601	-4.91142	-5.10102	-4.28707
-595	-5.06485	-4.91366	-5.10206	-4.28782
-593.5	-5.06869	-4.9175	-5.1066	-4.2883
-592	-5.07224	-4.91932	-5.11153	-4.28931
-590.5	-5.07419	-4.9216	-5.11438	-4.28904
-589	-5.07942	-4.92644	-5.11976	-4.28942
-587.5	-5.08041	-4.92876	-5.12448	-4.29054
-586	-5.08372	-4.93203	-5.12595	-4.29118
-584.5	-5.0874	-4.93344	-5.12963	-4.29188
-583	-5.09009	-4.9384	-5.13297	-4.29215
-581.5	-5.09314	-4.94079	-5.13709	-4.29247
-580	-5.09895	-4.94464	-5.13935	-4.29322
-578.5	-5.10311	-4.94779	-5.14276	-4.29387
-577	-5.10555	-4.95268	-5.14467	-4.29403
-575.5	-5.10345	-4.9549	-5.15123	-4.29484
-574	-5.11224	-4.95688	-5.15513	-4.29511
-572.5	-5.11509	-4.96288	-5.15828	-4.29549
-571	-5.12012	-4.96414	-5.15946	-4.29652
-569.5	-5.12121	-4.96667	-5.16424	-4.29696
-568	-5.12815	-4.96896	-5.1715	-4.29766
-566.5	-5.12705	-4.97307	-5.17232	-4.2981
-565	-5.1326	-4.97799	-5.17559	-4.29826
-563.5	-5.13671	-4.98113	-5.18138	-4.29919
-562	-5.14124	-4.98244	-5.18222	-4.29996
-560.5	-5.14467	-4.98615	-5.18937	-4.30001

-559	-5.14582	-4.99176	-5.19192	-4.30067
-557.5	-5.14582	-4.99446	-5.19406	-4.30193
-556	-5.15434	-4.998	-5.19492	-4.30166
-554.5	-5.15828	-4.99854	-5.20228	-4.30243
-553	-5.16304	-5.00432	-5.20359	-4.30358
-551.5	-5.16025	-5.00654	-5.20756	-4.30391
-550	-5.16464	-5.01046	-5.2129	-4.30402
-548.5	-5.17518	-5.01384	-5.21785	-4.30496
-547	-5.17724	-5.01611	-5.22058	-4.30568
-545.5	-5.17889	-5.02184	-5.22516	-4.30646
-544	-5.1818	-5.02503	-5.22839	-4.30679
-542.5	-5.18641	-5.02736	-5.23072	-4.30741
-541	-5.18937	-5.03294	-5.23588	-4.30763
-539.5	-5.19107	-5.03413	-5.23825	-4.30891
-538	-5.19664	-5.0407	-5.24206	-4.30897
-536.5	-5.20054	-5.04161	-5.24639	-4.30997
-535	-5.20535	-5.04646	-5.25272	-4.31081
-533.5	-5.208	-5.04983	-5.25568	-4.31149
-532	-5.21649	-5.05199	-5.25915	-4.31228
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-529	-5.22149	-5.05947	-5.26872	-4.31295
-527.5	-5.21966	-5.06263	-5.27332	-4.31374
-526	-5.23025	-5.06709	-5.27746	-4.31459
-524.5	-5.23353	-5.07127	-5.28216	-4.31493
-523	-5.23212	-5.07582	-5.28585	-4.31606
-521.5	-5.23635	-5.07876	-5.28585	-4.31652
-520	-5.24302	-5.08372	-5.28745	-4.31726
-518.5	-5.24446	-5.08306	-5.29011	-4.31794
-517	-5.25174	-5.08874	-5.29766	-4.31931
-515.5	-5.2542	-5.09552	-5.30369	-4.3196
-514	-5.25816	-5.09999	-5.3098	-4.32051
-512.5	-5.25617	-5.10137	-5.31374	-4.32115
-511	-5.26618	-5.10695	-5.31544	-4.32201
-509.5	-5.26974	-5.10695	-5.31657	-4.32247
-508	-5.27436	-5.11509	-5.32635	-4.32322
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-505	-5.27902	-5.11796	-5.3322	-4.32484
-503.5	-5.28427	-5.12376	-5.33397	-4.32606
-502	-5.28745	-5.12889	-5.33694	-4.32664
-500.5	-5.29279	-5.13185	-5.34233	-4.32699
-499	-5.29603	-5.13935	-5.34597	-4.3285
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-494.5	-5.3059	-5.14659	-5.36208	-4.33055
-493	-5.31261	-5.15045	-5.36082	-4.33161
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-488.5	-5.31885	-5.16264	-5.37685	-4.33498
-487	-5.32577	-5.17028	-5.38144	-4.33575
-485.5	-5.33102	-5.1715	-5.38542	-4.33623

-484	-5.33279	-5.17436	-5.38675	-4.33754
-482.5	-5.33575	-5.176	-5.39213	-4.33861
-481	-5.33397	-5.18389	-5.39758	-4.33951
-479.5	-5.34113	-5.18557	-5.40379	-4.34053
-478	-5.35086	-5.19149	-5.40588	-4.34185
-476.5	-5.34841	-5.19578	-5.41009	-4.34252
-475	-5.35581	-5.19707	-5.41648	-4.34372
-473.5	-5.35643	-5.20141	-5.41935	-4.34482
-472	-5.35956	-5.20535	-5.42079	-4.34621
-470.5	-5.36334	-5.21066	-5.42882	-4.34688
-469	-5.36716	-5.21604	-5.43029	-4.34878
-467.5	-5.36844	-5.22012	-5.43549	-4.34988
-466	-5.37489	-5.21966	-5.44455	-4.35037
-464.5	-5.37685	-5.22194	-5.44532	-4.35172
-463	-5.37947	-5.22608	-5.4507	-4.35339
-461.5	-5.3821	-5.23353	-5.4507	-4.35401
-460	-5.39078	-5.23872	-5.45459	-4.35544
-458.5	-5.39553	-5.24302	-5.45852	-4.35625
-457	-5.39553	-5.2493	-5.46327	-4.35837
-455.5	-5.4024	-5.25077	-5.47213	-4.35956
-454	-5.40448	-5.25469	-5.47213	-4.36101
-452.5	-5.40938	-5.26165	-5.47539	-4.36145
-451	-5.41079	-5.26215	-5.48871	-4.36341
-449.5	-5.41863	-5.2677	-5.48283	-4.3648
-448	-5.41935	-5.27384	-5.4904	-4.36646
-446.5	-5.41935	-5.27539	-5.4904	-4.36716
-445	-5.42297	-5.28427	-5.49125	-4.3694
-443.5	-5.42442	-5.28111	-5.4981	-4.3712
-442	-5.43103	-5.29279	-5.50331	-4.37223
-440.5	-5.43177	-5.29658	-5.50682	-4.37379
-439	-5.43699	-5.30039	-5.51036	-4.37561
-437.5	-5.43549	-5.30314	-5.51303	-4.37685
-436	-5.44532	-5.30314	-5.51482	-4.37907
-434.5	-5.44303	-5.31261	-5.52481	-4.38052
-433	-5.44227	-5.31601	-5.52665	-4.38243
-431.5	-5.45537	-5.30813	-5.53691	-4.38362
-430	-5.4593	-5.32	-5.53315	-4.38575
-428.5	-5.46327	-5.32345	-5.5407	-4.38756
-427	-5.46247	-5.32635	-5.54453	-4.38883
-425.5	-5.46647	-5.32926	-5.54839	-4.39132
-424	-5.47539	-5.33813	-5.55033	-4.39322
-422.5	-5.47294	-5.34173	-5.55523	-4.39478
-421	-5.482	-5.34536	-5.55919	-4.39689
-419.5	-5.47868	-5.3478	-5.56218	-4.39888
-418	-5.48033	-5.35768	-5.56721	-4.40122
-416.5	-5.48283	-5.35519	-5.57435	-4.40302
-415	-5.49295	-5.36082	-5.57953	-4.40448
-413.5	-5.49466	-5.36525	-5.58477	-4.40714
-412	-5.4921	-5.3723	-5.59007	-4.4091
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-409	-5.49896	-5.37815	-5.59652	-4.41327
-407.5	-5.50331	-5.38343	-5.59436	-4.41605
-406	-5.50682	-5.38276	-5.59869	-4.41806
-404.5	-5.51125	-5.39213	-5.59869	-4.4205
-403	-5.5077	-5.39078	-5.6086	-4.42268
-401.5	-5.51482	-5.39553	-5.6176	-4.42508
-400	-5.51933	-5.39895	-5.6176	-4.42808
-398.5	-5.51843	-5.40798	-5.62332	-4.42948
-397	-5.51662	-5.40798	-5.61988	-4.43207
-395.5	-5.52389	-5.40868	-5.62332	-4.43557
-394	-5.52297	-5.41791	-5.63146	-4.43759
-392.5	-5.53128	-5.41935	-5.62796	-4.44045
-391	-5.53221	-5.42369	-5.63029	-4.44341
-389.5	-5.53691	-5.43326	-5.647	-4.44624
-388	-5.5388	-5.42955	-5.64096	-4.44893
-386.5	-5.53785	-5.43699	-5.65066	-4.4514
-385	-5.54646	-5.44839	-5.647	-4.45451
-383.5	-5.54261	-5.44839	-5.65313	-4.45773
-382	-5.55033	-5.44151	-5.66564	-4.46025
-380.5	-5.55819	-5.44916	-5.66691	-4.46367
-379	-5.55523	-5.45852	-5.66819	-4.46663
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-376	-5.56118	-5.46327	-5.67722	-4.47253
-374.5	-5.55919	-5.47703	-5.68645	-4.47646
-373	-5.5723	-5.48283	-5.68247	-4.47951
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-370	-5.5662	-5.47786	-5.68115	-4.48643
-368.5	-5.56519	-5.4845	-5.68512	-4.48938
-367	-5.58267	-5.48117	-5.69047	-4.49304
-365.5	-5.57539	-5.49125	-5.69861	-4.49681
-364	-5.57849	-5.49552	-5.69861	-4.50035
-362.5	-5.58477	-5.50331	-5.68912	-4.50471
-361	-5.58688	-5.50157	-5.70274	-4.50806
-359.5	-5.58688	-5.49983	-5.7083	-4.51134
-358	-5.59544	-5.50594	-5.70551	-4.51455
-356.5	-5.58901	-5.51125	-5.71395	-4.51915
-355	-5.59652	-5.50682	-5.71537	-4.5227
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-352	-5.60307	-5.52849	-5.72837	-4.53156
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-349	-5.59544	-5.5407	-5.73429	-4.54013
-347.5	-5.60972	-5.51752	-5.7328	-4.54395
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-343	-5.61533	-5.53785	-5.74482	-4.5571
-341.5	-5.61084	-5.54453	-5.7433	-4.56228
-340	-5.61196	-5.55131	-5.7433	-4.5667
-338.5	-5.62448	-5.54742	-5.75096	-4.57108
-337	-5.62563	-5.55229	-5.76034	-4.57611
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-334	-5.6268	-5.56118	-5.75562	-4.58646
-332.5	-5.61647	-5.56218	-5.7651	-4.59039
-331	-5.63382	-5.56218	-5.7651	-4.59652
-329.5	-5.63976	-5.57642	-5.77316	-4.60077
-328	-5.63619	-5.57642	-5.77153	-4.60561
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-325	-5.63264	-5.57333	-5.78303	-4.61579
-323.5	-5.62332	-5.58372	-5.77316	-4.62149
-322	-5.63857	-5.57539	-5.77479	-4.62796
-320.5	-5.64337	-5.58162	-5.77971	-4.63382
-319	-5.64096	-5.58583	-5.78137	-4.6394
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-316	-5.64457	-5.59761	-5.79655	-4.65091
-314.5	-5.64944	-5.59978	-5.79483	-4.65809
-313	-5.65189	-5.60197	-5.8105	-4.6645
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-310	-5.66185	-5.60088	-5.79999	-4.67709
-308.5	-5.64944	-5.60307	-5.79827	-4.68287
-307	-5.65809	-5.60417	-5.80697	-4.68953
-305.5	-5.66564	-5.61084	-5.80873	-4.69737
-304	-5.66437	-5.61647	-5.80347	-4.70538
-302.5	-5.66564	-5.61084	-5.82309	-4.71154
-301	-5.66564	-5.61308	-5.82127	-4.71966
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-298	-5.66437	-5.6268	-5.81585	-4.73697
-296.5	-5.68115	-5.62913	-5.82676	-4.74376
-295	-5.68115	-5.63857	-5.82676	-4.75267
-293.5	-5.66059	-5.635	-5.84556	-4.76002
-292	-5.67462	-5.63619	-5.84173	-4.76895
-290.5	-5.68379	-5.63264	-5.84556	-4.77609
-289	-5.68115	-5.64337	-5.83418	-4.78553
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-284.5	-5.68247	-5.64579	-5.85331	-4.81353
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-280	-5.69181	-5.64096	-5.86723	-4.84021
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-275.5	-5.69861	-5.65809	-5.86723	-4.86966
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-272.5	-5.69861	-5.66947	-5.84942	-4.8911
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-268	-5.70136	-5.66691	-5.87538	-4.92252
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-263.5	-5.70971	-5.67204	-5.86321	-4.95366
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-259	-5.71112	-5.68645	-5.89432	-4.98642
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-254.5	-5.7211	-5.68778	-5.90963	-5.02445
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-251.5	-5.71966	-5.68645	-5.91411	-5.04738
-250	-5.72691	-5.69181	-5.90081	-5.06136
-248.5	-5.72691	-5.68778	-5.903	-5.07354
-247	-5.7211	-5.69181	-5.91636	-5.0884
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-244	-5.73577	-5.70136	-5.92321	-5.1126
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-236.5	-5.73429	-5.7211	-5.93485	-5.17889
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-233.5	-5.72985	-5.70691	-5.94199	-5.21424
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-230.5	-5.74482	-5.71679	-5.9396	-5.24015
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-227.5	-5.74942	-5.71966	-5.95663	-5.27025
-226	-5.75876	-5.71537	-5.95663	-5.29279
-224.5	-5.74942	-5.71537	-5.95169	-5.3048
-223	-5.74482	-5.73577	-5.94925	-5.32461
-221.5	-5.75719	-5.72691	-5.95663	-5.34354
-220	-5.75562	-5.71679	-5.97178	-5.36334
-218.5	-5.76034	-5.7328	-5.95912	-5.37815
-217	-5.7651	-5.72545	-5.96414	-5.39964
-215.5	-5.77642	-5.72837	-5.94681	-5.41648
-214	-5.76351	-5.74028	-5.96922	-5.42661
-212.5	-5.76192	-5.76034	-5.96667	-5.44839
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-209.5	-5.7683	-5.7328	-5.97695	-5.49638
-208	-5.77153	-5.73877	-5.97178	-5.51393
-206.5	-5.76034	-5.74635	-5.99284	-5.53221
-205	-5.77479	-5.74179	-5.98482	-5.54839
-203.5	-5.77642	-5.75096	-5.98748	-5.57849
-202	-5.77971	-5.75562	-5.97956	-5.60528
-200.5	-5.7847	-5.74635	-5.95663	-5.62448
-199	-5.77642	-5.7433	-5.99827	-5.65066
-197.5	-5.78637	-5.74942	-5.98748	-5.67075
-196	-5.78974	-5.75562	-5.99827	-5.69588
-194.5	-5.78805	-5.76034	-5.98748	-5.70412
-193	-5.7847	-5.75251	-5.99015	-5.73877
-191.5	-5.78805	-5.75876	-5.99015	-5.78303
-190	-5.7847	-5.75876	-6.01215	-5.79143
-188.5	-5.79483	-5.75562	-5.99827	-5.83605
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-185.5	-5.80347	-5.76034	-6.00101	-5.8837

-184	-5.79143	-5.75876	-5.98482	-5.9052
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-181	-5.78637	-5.76351	-6.00934	-5.97695
-179.5	-5.79827	-5.76192	-6.02941	-6.00377
-178	-5.7847	-5.77642	-6.01782	-6.0383
-176.5	-5.79143	-5.7667	-6.01215	-6.08572
-175	-5.80173	-5.7683	-6.01782	-6.10276
-173.5	-5.80173	-5.77479	-6.03235	-6.13521
-172	-5.80522	-5.77316	-6.0383	-6.20844
-170.5	-5.8105	-5.78137	-6.03235	-6.23118
-169	-5.81406	-5.77806	-6.03235	-6.27025
-167.5	-5.79827	-5.78637	-6.02941	-6.28059
-166	-5.79655	-5.77971	-6.04738	-6.34233
-164.5	-5.82492	-5.77806	-6.01215	-6.41434
-163	-5.8105	-5.7847	-6.02069	-6.4921
-161.5	-5.81585	-5.79143	-6.01498	-6.5662
-160	-5.8105	-5.78805	-6.01498	-6.58688
-158.5	-5.83045	-5.79143	-6.05665	-6.7083
-157	-5.82309	-5.7847	-6.0383	-6.87745
-155.5	-5.81765	-5.79143	-6.05979	-7.24542
-154	-5.82127	-5.79999	-6.0383	-7.72254
-152.5	-5.82676	-5.79827	-6.04131	-7.89864
-151	-5.81765	-5.79483	-6.04433	-7.42152
-149.5	-5.82492	-5.80522	-6.05665	-7.35457
-148	-5.81585	-5.79999	-6.04131	-6.96922
-146.5	-5.83045	-5.79827	-6.05665	-6.96922
-145	-5.83794	-5.80347	-6.04131	-6.7083
-143.5	-5.83045	-5.80697	-6.05665	-6.7683
-142	-5.83231	-5.80697	-6.03531	-6.68115
-140.5	-5.83983	-5.79655	-6.05354	-6.6556
-139	-5.84173	-5.82127	-6.04433	-6.59761
-137.5	-5.83231	-5.79999	-6.05045	-6.61988
-136	-5.82676	-5.82676	-6.05665	-6.53691
-134.5	-5.84942	-5.8105	-6.06613	-6.53691
-133	-5.84364	-5.81585	-6.04738	-6.44379
-131.5	-5.85136	-5.83045	-6.06295	-6.40033
-130	-5.83605	-5.82309	-6.06933	-6.38675
-128.5	-5.84173	-5.82676	-6.05979	-6.4593
-127	-5.83794	-5.80873	-6.09246	-6.35457
-125.5	-5.92321	-5.87952	-6.22654	-6.20844
-124	-5.92321	-5.89217	-6.2129	-6.19967
-122.5	-5.91636	-5.90081	-6.24063	-6.18683
-121	-5.93485	-5.89217	-6.2174	-6.15828
-119.5	-5.93249	-5.90741	-6.2174	-6.14276
-118	-5.94199	-5.89004	-6.2174	-6.12779
-116.5	-5.92783	-5.903	-6.24063	-6.12049
-115	-5.93015	-5.89217	-6.25028	-6.12049
-113.5	-5.91411	-5.903	-6.2174	-6.12412
-112	-5.94925	-5.93249	-6.25518	-6.07909
-110.5	-5.93249	-5.91636	-6.26015	-6.07256

-109	-5.93722	-5.9052	-6.22654	-6.06613
-107.5	-5.93722	-5.9052	-6.23588	-6.09246
-106	-5.92783	-5.91411	-6.25028	-6.05354
-104.5	-5.93249	-5.94199	-6.28059	-6.05045
-103	-5.93485	-5.91863	-6.26015	-6.05354
-101.5	-5.93249	-5.90081	-6.24542	-6.0383
-100	-5.95169	-5.92321	-6.24542	-6.05045
-98.5	-5.93485	-5.93249	-6.22194	-6.05354
-97	-5.91863	-5.94199	-6.25028	-6.04131
-95.5	-5.9444	-5.93722	-6.25518	-6.02941
-94	-5.94199	-5.93015	-6.25518	-6.02069
-92.5	-5.95663	-5.93249	-6.25028	-6.00934
-91	-5.96162	-5.94681	-6.29658	-6.03531
-89.5	-5.95169	-5.93015	-6.28585	-5.99827
-88	-5.9396	-5.94925	-6.26517	-5.97956
-86.5	-5.96922	-5.93249	-6.29658	-6.00377
-85	-5.97436	-5.96414	-6.28585	-5.96922
-83.5	-5.97956	-5.94199	-6.27025	-5.98482
-82	-5.97178	-5.94199	-6.29118	-5.97178
-80.5	-5.9396	-5.93249	-6.29118	-5.9444
-79	-5.97178	-5.95169	-6.28585	-5.94925
-77.5	-5.96667	-5.95415	-6.28059	-5.95169
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-71.5	-5.96922	-5.95663	-6.28059	-5.92783
-70	-5.98218	-5.96922	-6.28059	-5.93249
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-67	-5.95912	-5.96162	-6.26015	-5.9052
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-64	-5.96922	-5.96414	-6.26517	-5.92321
-62.5	-5.98482	-5.97178	-6.29118	-5.91863
-61	-5.98748	-5.98482	-6.34841	-5.90081
-59.5	-5.96922	-5.98482	-6.33044	-5.92091
-58	-5.98218	-5.97178	-6.28059	-5.91411
-56.5	-5.98748	-5.97436	-6.28585	-5.91187
-55	-5.97436	-5.98748	-6.29118	-5.89647
-53.5	-5.98748	-5.97695	-6.31885	-5.90963
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-50.5	-6.00101	-5.97178	-6.33634	-5.89864
-49	-5.99555	-5.99284	-6.31885	-5.89217
-47.5	-6.00101	-5.97956	-6.34233	-5.89432
-46	-5.98482	-6.00101	-6.35457	-5.88791
-44.5	-5.99827	-5.98482	-6.29658	-5.88791
-43	-5.99827	-5.99015	-6.32461	-5.87538
-41.5	-5.99555	-5.99284	-6.34233	-5.87952
-40	-5.99555	-6.00654	-6.33634	-5.87745
-38.5	-6.01782	-6.00934	-6.35457	-5.86723
-37	-6.00934	-5.99827	-6.33044	-5.86723
-35.5	-5.98218	-6.00654	-6.32461	-5.85528

-34	-6.01215	-6.00377	-6.36082	-5.85136
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-31	-6.00101	-6.02069	-6.37359	-5.86925
-29.5	-6.00654	-6.00934	-6.34841	-5.84749
-28	-6.00934	-6.01215	-6.34841	-5.84556
-26.5	-6.00654	-6.00654	-6.31318	-5.84173
-25	-6.0383	-6.03235	-6.30757	-5.84364
-23.5	-6.02069	-6.01215	-6.31318	-5.84173
-22	-6.01215	-6.01782	-6.38675	-5.82676
-20.5	-6.01498	-6.00934	-6.39349	-5.83418
-19	-6.02358	-6.02358	-6.39349	-5.83418
-17.5	-6.04433	-6.01215	-6.35457	-5.8105
-16	-6.02648	-6.02941	-6.40727	-5.82309
-14.5	-6.03235	-6.01782	-6.38012	-5.83231
-13	-6.01498	-6.04738	-6.36082	-5.82309
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-10	-6.02941	-6.01782	-6.39349	-5.8286
-8.5	-6.01498	-6.04433	-6.39349	-5.80697
-7	-6.01215	-6.0383	-6.38675	-5.8105
-5.5	-6.02069	-6.04738	-6.30757	-5.80173
-4	-6.0383	-6.05665	-6.36082	-5.81228
-2.5	-6.05665	-6.05979	-6.38012	-5.80173
-1	-6.01782	-6.04131	-6.42882	-5.80697
0.5	-6.04433	-6.02648	-6.37359	-5.80522
2	-6.01498	-6.05045	-6.35457	-5.79827
3.5	-6.04433	-6.04738	-6.42882	-5.79313
5	-6.00934	-6.07582	-6.36716	-5.7847
6.5	-6.04433	-6.05979	-6.38675	-5.80173
8	-6.04131	-6.05979	-6.38012	-5.78974
9.5	-6.04433	-6.06933	-6.36716	-5.79483
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14	-6.0383	-6.06933	-6.36082	-5.76351
15.5	-6.04738	-6.0824	-6.42882	-5.77479
17	-6.06933	-6.06613	-6.42152	-5.76192
18.5	-6.05045	-6.06613	-6.39349	-5.75562
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21.5	-6.05979	-6.07909	-6.40727	-5.75719
23	-6.06613	-6.06613	-6.40033	-5.75096
24.5	-6.05354	-6.06613	-6.43624	-5.7651
26	-6.06613	-6.06933	-6.42882	-5.75251
27.5	-6.07909	-6.10276	-6.42882	-5.74788
29	-6.05045	-6.07909	-6.4593	-5.75096
30.5	-6.06295	-6.0824	-6.39349	-5.7667
32	-6.04433	-6.08572	-6.5007	-5.75406
33.5	-6.04131	-6.08572	-6.40033	-5.75562
35	-6.04433	-6.10625	-6.39349	-5.74179
36.5	-6.05979	-6.12412	-6.41434	-5.74788
38	-6.05665	-6.10625	-6.40033	-5.74179
39.5	-6.06613	-6.09586	-6.42152	-5.72985

41	-6.08908	-6.09586	-6.39349	-5.73429
42.5	-6.07582	-6.08572	-6.39349	-5.7328
44	-6.07582	-6.07582	-6.41434	-5.7328
45.5	-6.06933	-6.0993	-6.39349	-5.72545
47	-6.06613	-6.10976	-6.45148	-5.73132
48.5	-6.05354	-6.12049	-6.47539	-5.72837
50	-6.07909	-6.13148	-6.39349	-5.724
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53	-6.0993	-6.12412	-6.40033	-5.71822
54.5	-6.08908	-6.09586	-6.43624	-5.724
56	-6.06933	-6.12412	-6.46727	-5.71112
57.5	-6.07909	-6.14659	-6.45148	-5.71395
59	-6.0993	-6.12049	-6.42882	-5.71395
60.5	-6.07909	-6.12049	-6.41434	-5.71395
62	-6.06613	-6.10276	-6.42152	-5.70136
63.5	-6.10276	-6.09586	-6.4593	-5.69998
65	-6.08908	-6.12049	-6.40727	-5.70136
66.5	-6.08908	-6.10976	-6.42882	-5.69452
68	-6.09586	-6.15828	-6.40727	-5.69316
69.5	-6.11688	-6.11331	-6.4921	-5.68379
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78.5	-6.08908	-6.15045	-6.4593	-5.68379
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83	-6.12049	-6.15434	-6.46727	-5.65934
84.5	-6.12049	-6.14276	-6.4593	-5.66819
86	-6.12049	-6.16224	-6.45148	-5.67592
87.5	-6.14276	-6.12779	-6.4593	-5.67204
89	-6.12412	-6.18263	-6.5007	-5.66437
90.5	-6.11688	-6.15828	-6.4593	-5.66311
92	-6.15828	-6.16624	-6.47539	-5.66185
93.5	-6.10976	-6.15828	-6.4921	-5.6556
95	-6.12049	-6.13521	-6.5007	-5.647
96.5	-6.15045	-6.17028	-6.44379	-5.65189
98	-6.17436	-6.17028	-6.46727	-5.65313
99.5	-6.11688	-6.14659	-6.50947	-5.6556
101	-6.12049	-6.17436	-6.47539	-5.6556
102.5	-6.11331	-6.17436	-6.54645	-5.64337
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105.5	-6.15828	-6.17436	-6.55621	-5.64579
107	-6.16624	-6.18263	-6.4921	-5.63382
108.5	-6.15828	-6.17028	-6.5007	-5.63976
110	-6.14276	-6.17848	-6.42882	-5.63857
111.5	-6.18683	-6.17436	-6.51843	-5.63264
113	-6.17436	-6.18683	-6.47539	-5.63146
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116	-6.17436	-6.2129	-6.50947	-5.62796
117.5	-6.17028	-6.17848	-6.54645	-5.62332
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120.5	-6.16224	-6.19107	-6.53691	-5.62103
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125	-6.16224	-6.20844	-6.5662	-5.61647
126.5	-6.17848	-6.18683	-6.54645	-5.61988
128	-6.04433	-6.0824	-6.31885	-5.64579
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137	-6.0824	-6.09246	-6.28059	-5.64337
138.5	-6.05045	-6.0993	-6.29658	-5.64579
140	-6.06933	-6.08572	-6.28059	-5.63738
141.5	-6.05665	-6.11331	-6.30757	-5.64337
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150.5	-6.06933	-6.10976	-6.31318	-5.61308
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171.5	-6.0993	-6.13148	-6.36082	-5.60197
173	-6.11331	-6.15045	-6.37359	-5.6086
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176	-6.10625	-6.16624	-6.33634	-5.60417
177.5	-6.10625	-6.15828	-6.34841	-5.60638
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189.5	-6.08908	-6.20844	-6.36716	-5.59221



191	-6.13521	-6.22654	-6.40033	-5.58267
192.5	-6.15045	-6.22654	-6.35457	-5.57849
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198.5	-6.13148	-6.28059	-6.38012	-5.58057
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210.5	-6.15434	-6.27025	-6.44379	-5.57435
212	-6.17436	-6.27539	-6.47539	-5.57539
213.5	-6.19107	-6.27539	-6.40033	-5.56822
215	-6.18263	-6.31318	-6.42882	-5.5662
216.5	-6.18263	-6.28059	-6.46727	-5.56822
218	-6.17848	-6.29118	-6.46727	-5.56218
219.5	-6.18683	-6.30757	-6.39349	-5.56418
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224	-6.2129	-6.31318	-6.5007	-5.56721
225.5	-6.20403	-6.34233	-6.48366	-5.55621
227	-6.20844	-6.36082	-6.4593	-5.56318
228.5	-6.2174	-6.38012	-6.42882	-5.55819
230	-6.2174	-6.35457	-6.54645	-5.55523
231.5	-6.22654	-6.38012	-6.4921	-5.56118
233	-6.24542	-6.38675	-6.54645	-5.54742
234.5	-6.25028	-6.36716	-6.53691	-5.55033
236	-6.27025	-6.42152	-6.5662	-5.54357
237.5	-6.2129	-6.39349	-6.53691	-5.54646
239	-6.22194	-6.4921	-6.54645	-5.55425
240.5	-6.27539	-6.4593	-6.5662	-5.54742
242	-6.25028	-6.42152	-6.55621	-5.54261
243.5	-6.25518	-6.5007	-6.5662	-5.5407
245	-6.27025	-6.46727	-6.54645	-5.54453
246.5	-6.28585	-6.4921	-6.55621	-5.53409
248	-6.27025	-6.47539	-6.55621	-5.54357
249.5	-6.27539	-6.52757	-6.6086	-5.53597
251	-6.30757	-6.57642	-6.58688	-5.53502
252.5	-6.30757	-6.50947	-6.58688	-5.53785
254	-6.28059	-6.6556	-6.6556	-5.54166
255.5	-6.28059	-6.57642	-6.59761	-5.53409
257	-6.33044	-6.55621	-6.66819	-5.53975
258.5	-6.33044	-6.63146	-6.6086	-5.53315
260	-6.41434	-6.6556	-6.69452	-5.53221
261.5	-6.34841	-6.69452	-6.66819	-5.52573
263	-6.38012	-6.68115	-6.6556	-5.53035
264.5	-6.43624	-6.7083	-6.7683	-5.53128

266	-6.39349	-6.7683	-6.7683	-5.53409
267.5	-6.44379	-6.81946	-6.96922	-5.52849
269	-6.39349	-6.92091	-6.7847	-5.52297
270.5	-6.40727	-6.83794	-6.75251	-5.52757
272	-6.40727	-6.89864	-6.7683	-5.51752
273.5	-6.39349	-6.89864	-6.96922	-5.52665
275	-6.40033	-6.85724	-6.7847	-5.52481
276.5	-6.39349	-7.08572	-6.87745	-5.52206
278	-6.44379	-7.05354	-6.80173	-5.51662
279.5	-6.46727	-7.29658	-7.02358	-5.52665
281	-6.43624	-7.59761	-7.15828	-5.51662
282.5	-6.46727	-7.19967	-6.99555	-5.51482
284	-6.50947	-7.42152	-7.02358	-5.51393
285.5	-6.5007	-7.59761	-6.9444	-5.51752
287	-6.57642	-8.19967	-7.24542	-5.50947
288.5	-6.47539	-8.19937	-7.15828	-5.51036
290	-6.6556	-8.19967	-7.35457	-5.50859
291.5	-6.61988	-8.1995	-7.02358	-5.51125
293	-6.55621	-7.89864	-7.19967	-5.51843
294.5	-6.69452	-7.29658	-7.89864	-5.51036
296	-6.73727	-7.12049	-7.5007	-5.50859
297.5	-6.73727	-7.24542	-7.59761	-5.51036
299	-6.75251	-7.02358	-7.59761	-5.50947
300.5	-6.63146	-6.99555	-7.35457	-5.50419
302	-6.72254	-7.12048	-7.15828	-5.50419
303.5	-6.61988	-6.96922	-7.59761	-5.50157
305	-6.7847	-6.75251	-7.29658	-5.50419
306.5	-6.7683	-6.75251	-7.19967	-5.49466
308	-6.87745	-6.7083	-7.35457	-5.50244
309.5	-6.92091	-6.7683	-7.29658	-5.49724
311	-6.92091	-6.78469	-7.59761	-5.49724
312.5	-7.12049	-6.61988	-7.12049	-5.49638
314	-7.35457	-6.69452	-7.12049	-5.49638
315.5	-6.87745	-6.75251	-6.96922	-5.4938
317	-7.15828	-6.6086	-6.92091	-5.48955
318.5	-7.12049	-6.69452	-6.81946	-5.50157
320	-7.08572	-6.53691	-6.89864	-5.48702
321.5	-7.89864	-6.61988	-6.75251	-5.48786
323	-8.19967	-6.6556	-6.7683	-5.48955
324.5	-8.36868	-6.51843	-6.75251	-5.48618
326	-8.19967	-6.47539	-6.72254	-5.48618
327.5	-7.35457	-6.55621	-6.68115	-5.48117
329	-7.5007	-6.45148	-6.80173	-5.47703
330.5	-7.12049	-6.4593	-6.7683	-5.48534
332	-7.15828	-6.4593	-6.69452	-5.48283
333.5	-7.29658	-6.45148	-6.6556	-5.47786
335	-7.12049	-6.4921	-6.61988	-5.47703
336.5	-7.02358	-6.43624	-6.73727	-5.47539
338	-6.99555	-6.41434	-6.52757	-5.48117
339.5	-7.19967	-6.36082	-6.4593	-5.47213

341	-6.92091	-6.33044	-6.5007	-5.47703
342.5	-6.92091	-6.33634	-6.4593	-5.47703
344	-6.89864	-6.37359	-6.47539	-5.47376
345.5	-6.6556	-6.32461	-6.4593	-5.47539
347	-6.68115	-6.31318	-6.45148	-5.47294
348.5	-6.78469	-6.33634	-6.47539	-5.4705
350	-6.64337	-6.29658	-6.4593	-5.47294
351.5	-6.6086	-6.29658	-6.40727	-5.4705
353	-6.55621	-6.28059	-6.38012	-5.46168
354.5	-6.53691	-6.24542	-6.39349	-5.45694
356	-6.42152	-6.26517	-6.40727	-5.46089
357.5	-6.5007	-6.23588	-6.33634	-5.46327
359	-6.42152	-6.23118	-6.36716	-5.46168
360.5	-6.42882	-6.2174	-6.30204	-5.4601
362	-6.4593	-6.22654	-6.33044	-5.46327
363.5	-6.38675	-6.22654	-6.33634	-5.46487
365	-6.42151	-6.22194	-6.26015	-5.45303
366.5	-6.39349	-6.16224	-6.27025	-5.45616
368	-6.42882	-6.18263	-6.23588	-5.44839
369.5	-6.38012	-6.19107	-6.24542	-5.45459
371	-6.33634	-6.14659	-6.23588	-5.45148
372.5	-6.33634	-6.11331	-6.26015	-5.44916
374	-6.29118	-6.14276	-6.24542	-5.44608
375.5	-6.26517	-6.11688	-6.2129	-5.4507
377	-6.30757	-6.14276	-6.19107	-5.44608
378.5	-6.33634	-6.0993	-6.2129	-5.44151
380	-6.33044	-6.11688	-6.17848	-5.44379
381.5	-6.29658	-6.08908	-6.17028	-5.43924
383	-6.29118	-6.06295	-6.17848	-5.43774
384.5	-6.27539	-6.07256	-6.15827	-5.43774
386	-6.28585	-6.05354	-6.11331	-5.44
387.5	-6.24542	-6.04738	-6.11331	-5.43849
389	-6.22194	-6.06613	-6.11331	-5.43475
390.5	-6.24063	-6.05979	-6.09586	-5.434
392	-6.2174	-6.02648	-6.09246	-5.43549
393.5	-6.18683	-6.03531	-6.10976	-5.42735
395	-6.18683	-6.02648	-6.05979	-5.42661
396.5	-6.16224	-6.02648	-6.06933	-5.43103
398	-6.12049	-6.02648	-6.05665	-5.42588
399.5	-6.13148	-6.01782	-6.03531	-5.42079
401	-6.06933	-5.99827	-6.02069	-5.42297
402.5	-6.05979	-6.00654	-5.98482	-5.42152
404	-6.06295	-5.97695	-6.02358	-5.41363
405.5	-6.07582	-5.96414	-6.00101	-5.41719
407	-6.02941	-5.96667	-6.00377	-5.42007
408.5	-6.08572	-5.97178	-5.97695	-5.41791
410	-6.07582	-5.97178	-5.96162	-5.41009
411.5	-6.05979	-5.94681	-5.96414	-5.40798
413	-6.0824	-5.94199	-5.95663	-5.41292
414.5	-6.05045	-5.93722	-5.93015	-5.41079

416	-6.01498	-5.95169	-5.92321	-5.41009
417.5	-6.04131	-5.92551	-5.89647	-5.41079
419	-6.01498	-5.93249	-5.9052	-5.40309
420.5	-6.02358	-5.91863	-5.90081	-5.40588
422	-5.99015	-5.90081	-5.90081	-5.40102
423.5	-6.00377	-5.90741	-5.89004	-5.39895
425	-5.99015	-5.8837	-5.87538	-5.39964
426.5	-5.98218	-5.89217	-5.8837	-5.39758
428	-5.96922	-5.88791	-5.87129	-5.39621
429.5	-5.95912	-5.88791	-5.87129	-5.39553
431	-5.95415	-5.86723	-5.87333	-5.39146
432.5	-5.94681	-5.89864	-5.85528	-5.39146
434	-5.95169	-5.87129	-5.84364	-5.39011
435.5	-5.94925	-5.86321	-5.83794	-5.38675
437	-5.93015	-5.84364	-5.84173	-5.38742
438.5	-5.92091	-5.85922	-5.81585	-5.3821
440	-5.91636	-5.85331	-5.80347	-5.38409
441.5	-5.9052	-5.83045	-5.80697	-5.3821
443	-5.89647	-5.8286	-5.80173	-5.38012
444.5	-5.8858	-5.82676	-5.80873	-5.37359
446	-5.87952	-5.80873	-5.79827	-5.37294
447.5	-5.88791	-5.82309	-5.78805	-5.37685
449	-5.89004	-5.81406	-5.77642	-5.37101
450.5	-5.87129	-5.8105	-5.7683	-5.36652
452	-5.86121	-5.81406	-5.76992	-5.36525
453.5	-5.85528	-5.7847	-5.77153	-5.36588
455	-5.85528	-5.79999	-5.76351	-5.37359
456.5	-5.83794	-5.78303	-5.75096	-5.35893
458	-5.85528	-5.78637	-5.74942	-5.35956
459.5	-5.83231	-5.77642	-5.73429	-5.35519
461	-5.83231	-5.7683	-5.74028	-5.35706
462.5	-5.81406	-5.75876	-5.72837	-5.35768
464	-5.81406	-5.75562	-5.724	-5.35395
465.5	-5.82127	-5.76192	-5.72254	-5.35148
467	-5.79313	-5.74482	-5.7211	-5.35271
468.5	-5.79999	-5.74028	-5.70691	-5.34719
470	-5.7847	-5.73727	-5.70551	-5.34415
471.5	-5.77479	-5.7433	-5.69047	-5.34294
473	-5.7847	-5.72837	-5.69998	-5.34354
474.5	-5.75876	-5.74028	-5.69047	-5.34354
476	-5.77642	-5.7211	-5.69861	-5.33813
477.5	-5.76034	-5.72545	-5.67853	-5.33754
479	-5.75562	-5.71253	-5.67984	-5.33102
480.5	-5.75096	-5.72691	-5.66947	-5.3322
482	-5.74635	-5.71537	-5.66564	-5.32693
483.5	-5.74942	-5.70551	-5.66564	-5.32868
485	-5.71822	-5.70136	-5.66059	-5.32868
486.5	-5.72254	-5.69588	-5.65436	-5.32287
488	-5.71395	-5.68512	-5.65809	-5.32693
489.5	-5.70691	-5.68912	-5.64096	-5.32115

491	-5.71112	-5.69181	-5.64337	-5.31431
492.5	-5.70274	-5.67592	-5.64216	-5.3223
494	-5.70136	-5.66691	-5.64337	-5.31601
495.5	-5.70274	-5.67075	-5.63382	-5.31205
497	-5.69998	-5.65934	-5.63382	-5.31037
498.5	-5.68512	-5.65066	-5.62217	-5.31374
500	-5.68778	-5.66311	-5.62332	-5.3048
501.5	-5.67462	-5.65066	-5.61988	-5.30757
503	-5.67592	-5.65066	-5.61874	-5.30424
504.5	-5.6556	-5.65066	-5.60972	-5.30369
506	-5.66691	-5.65189	-5.61196	-5.30149
507.5	-5.65313	-5.64337	-5.60417	-5.30094
509	-5.66311	-5.6268	-5.60749	-5.29658
510.5	-5.65189	-5.63146	-5.59978	-5.29495
512	-5.65436	-5.635	-5.59978	-5.29441
513.5	-5.64337	-5.62563	-5.59761	-5.29441
515	-5.63619	-5.6268	-5.58688	-5.29658
516.5	-5.63857	-5.61647	-5.58794	-5.28798
518	-5.64216	-5.62217	-5.58794	-5.28691
519.5	-5.63619	-5.61874	-5.57953	-5.28269
521	-5.63146	-5.6176	-5.57745	-5.28216
522.5	-5.62103	-5.6176	-5.57745	-5.28007
524	-5.63146	-5.60749	-5.57333	-5.27954
525.5	-5.61988	-5.61421	-5.56822	-5.27591
527	-5.61421	-5.61421	-5.57333	-5.27384
528.5	-5.61647	-5.59978	-5.56519	-5.27178
530	-5.60638	-5.59544	-5.55523	-5.27384
531.5	-5.60197	-5.59652	-5.56118	-5.26923
533	-5.58794	-5.59221	-5.56018	-5.26719
534.5	-5.58162	-5.59329	-5.55819	-5.25965
536	-5.57435	-5.57539	-5.55621	-5.26517
537.5	-5.58267	-5.56721	-5.55425	-5.26366
539	-5.59007	-5.57745	-5.54742	-5.26165
540.5	-5.58372	-5.57849	-5.5572	-5.2542
542	-5.58794	-5.57435	-5.54742	-5.25321
543.5	-5.59007	-5.57026	-5.54453	-5.24688
545	-5.58372	-5.57642	-5.53691	-5.24688
546.5	-5.57642	-5.58057	-5.5388	-5.25028
548	-5.56924	-5.56822	-5.5388	-5.24639
549.5	-5.57539	-5.56218	-5.54453	-5.24158
551	-5.57128	-5.5572	-5.5407	-5.2411
552.5	-5.55819	-5.55819	-5.53785	-5.23777
554	-5.56924	-5.5572	-5.53409	-5.23588
555.5	-5.5662	-5.56118	-5.53035	-5.23635
557	-5.56822	-5.54549	-5.52573	-5.23165
558.5	-5.56018	-5.54936	-5.53502	-5.23025
560	-5.55425	-5.55523	-5.52942	-5.22746
561.5	-5.56118	-5.54646	-5.53035	-5.22793
563	-5.56018	-5.54453	-5.52024	-5.22469
564.5	-5.54742	-5.54936	-5.51843	-5.22608

566	-5.55131	-5.55425	-5.51303	-5.22286
567.5	-5.55033	-5.54549	-5.51933	-5.21921
569	-5.54357	-5.5407	-5.52389	-5.21785
570.5	-5.53785	-5.53975	-5.51752	-5.21334
572	-5.53975	-5.53691	-5.51752	-5.20888
573.5	-5.53221	-5.54261	-5.51572	-5.16988
575	-5.52481	-5.53597	-5.50947	-5.12012
576.5	-5.52942	-5.53785	-5.5077	-5.06933
578	-5.51933	-5.54453	-5.50506	-5.05634
579.5	-5.49466	-5.53128	-5.51214	-5.02648
581	-5.4938	-5.52665	-5.51125	-4.99176
582.5	-5.50331	-5.52481	-5.51303	-4.96465
584	-5.51933	-5.53502	-5.51125	-4.93888
585.5	-5.52573	-5.52206	-5.51214	-4.91705
587	-5.51482	-5.52024	-5.51036	-4.89929
588.5	-5.51662	-5.52389	-5.50947	-4.88119
590	-5.51125	-5.51662	-5.49983	-4.86241
591.5	-5.50331	-5.51843	-5.50506	-4.84633
593	-5.4938	-5.50594	-5.50506	-4.82934
594.5	-5.49983	-5.49724	-5.49983	-4.80697
596	-5.5007	-5.4845	-5.50419	-4.78855
597.5	-5.51036	-5.48702	-5.49896	-4.77202
599	-5.51303	-5.47131	-5.49724	-4.77283
600.5	-5.51303	-5.48366	-5.49724	-4.76734
602	-5.50331	-5.51125	-5.50244	-4.75766
603.5	-5.50594	-5.51662	-5.49983	-4.74452
605	-5.49552	-5.50331	-5.49295	-4.73029
606.5	-5.50244	-5.5077	-5.48871	-4.71837
608	-5.50419	-5.49983	-5.49295	-4.70371
609.5	-5.50419	-5.50506	-5.48871	-4.69181
611	-5.49896	-5.4981	-5.48702	-4.68102
612.5	-5.50506	-5.50947	-5.48786	-4.67075
614	-5.50244	-5.51393	-5.4904	-4.66399
615.5	-5.49638	-5.5077	-5.49125	-4.65697
617	-5.49295	-5.51214	-5.49125	-4.64846
618.5	-5.49552	-5.50244	-5.48618	-4.64168
620	-5.49724	-5.51393	-5.4904	-4.63441
621.5	-5.48618	-5.51036	-5.4938	-4.62703
623	-5.48702	-5.5007	-5.4904	-4.61965
624.5	-5.4921	-5.50947	-5.47539	-4.61005
626	-5.48618	-5.50859	-5.48786	-4.60121
627.5	-5.48955	-5.50331	-5.48786	-4.59436
629	-5.47703	-5.50506	-5.49295	-4.59093
630.5	-5.48033	-5.50947	-5.48117	-4.58901
632	-5.48283	-5.50594	-5.48366	-4.58445
633.5	-5.47786	-5.50157	-5.47621	-4.57756
635	-5.47786	-5.50331	-5.48534	-4.56985
636.5	-5.4593	-5.50157	-5.47703	-4.56168
638	-5.46247	-5.50947	-5.48117	-4.55072
639.5	-5.45694	-5.49724	-5.48033	-4.54147

641	-5.46567	-5.4981	-5.48033	-4.53437
642.5	-5.45694	-5.50682	-5.47457	-4.5297
644	-5.4507	-5.50594	-5.4705	-4.52563
645.5	-5.44685	-5.50331	-5.47539	-4.52188
647	-5.43029	-5.50331	-5.47131	-4.51906
648.5	-5.41221	-5.4981	-5.47621	-4.51671
650	-5.44076	-5.4981	-5.47376	-4.51464
651.5	-5.45148	-5.49638	-5.46487	-4.51312
653	-5.44685	-5.4981	-5.46727	-4.50929
654.5	-5.44379	-5.49724	-5.46407	-4.50384
656	-5.43624	-5.49295	-5.46969	-4.49784
657.5	-5.44	-5.4921	-5.46647	-4.49261
659	-5.43549	-5.49896	-5.46487	-4.48947
660.5	-5.43326	-5.49638	-5.46327	-4.48584
662	-5.43549	-5.4904	-5.4593	-4.48191
663.5	-5.42882	-5.4921	-5.44608	-4.48017
665	-5.41935	-5.4938	-5.4507	-4.47868
666.5	-5.39964	-5.49466	-5.45381	-4.47498
668	-5.39011	-5.48955	-5.45225	-4.47901
669.5	-5.4024	-5.482	-5.46647	-4.48191
671	-5.40309	-5.47951	-5.46567	-4.48366
672.5	-5.40171	-5.48033	-5.46727	-4.48175
674	-5.39964	-5.47951	-5.46407	-4.4727
675.5	-5.40518	-5.46888	-5.45303	-4.45514
677	-5.39621	-5.48117	-5.45694	-4.43259
678.5	-5.38609	-5.48786	-5.45459	-4.42043
680	-5.37947	-5.48366	-5.45381	-4.4132
681.5	-5.36019	-5.482	-5.45303	-4.40693
683	-5.39417	-5.47951	-5.44151	-4.40219
684.5	-5.39146	-5.48618	-5.4507	-4.39847
686	-5.38742	-5.48033	-5.44076	-4.39383
687.5	-5.37359	-5.47294	-5.44076	-4.3891
689	-5.35519	-5.47868	-5.42955	-4.38515
690.5	-5.33575	-5.48033	-5.42661	-4.38622
692	-5.32926	-5.47621	-5.42955	-4.38736
693.5	-5.32345	-5.47539	-5.43251	-4.38642
695	-5.33102	-5.47131	-5.43103	-4.38422
696.5	-5.31657	-5.46647	-5.42224	-4.3798
698	-5.31037	-5.47376	-5.42369	-4.3747
699.5	-5.31037	-5.4705	-5.42079	-4.36277
701	-5.31714	-5.46247	-5.40938	-4.37411
702.5	-5.32115	-5.46647	-5.40938	-4.41065
704	-5.29985	-5.4601	-5.41079	-4.42859
705.5	-5.29603	-5.44839	-5.41363	-4.4314
707	-5.28007	-5.45225	-5.41576	-4.42522
708.5	-5.23212	-5.44993	-5.4115	-4.42297
710	-5.22012	-5.45148	-5.41935	-4.41405
711.5	-5.22286	-5.45225	-5.4115	-4.39806
713	-5.212	-5.45694	-5.41719	-4.37613
714.5	-5.21155	-5.45459	-5.41009	-4.34646

716	-5.19064	-5.44076	-5.41079	-4.31692
717.5	-5.19235	-5.43849	-5.40309	-4.30094
719	-5.18937	-5.44762	-5.40798	-4.28211
720.5	-5.16988	-5.43849	-5.40518	-4.2631
722	-5.16988	-5.44379	-5.41505	-4.24668
723.5	-5.15749	-5.43251	-5.40102	-4.2289
725	-5.14582	-5.42515	-5.38876	-4.21411
726.5	-5.13222	-5.42661	-5.38409	-4.20193
728	-5.11688	-5.42297	-5.3821	-4.17728
729.5	-5.11652	-5.42515	-5.38809	-4.15372
731	-5.10555	-5.42007	-5.38144	-4.1348
732.5	-5.09655	-5.40868	-5.37424	-4.11427
734	-5.07745	-5.40727	-5.35706	-4.09754
735.5	-5.06901	-5.42007	-5.34233	-4.07334
737	-5.07062	-5.41648	-5.33456	-4.05973
738.5	-5.05509	-5.41292	-5.33044	-4.04925
740	-5.04769	-5.41505	-5.34294	-4.03968
741.5	-5.02999	-5.40658	-5.35643	-4.02967
743	-5.01754	-5.39553	-5.36145	-4.02063
744.5	-5.00738	-5.39621	-5.34536	-4.01046
746	-4.99745	-5.39417	-5.33516	-3.99931
747.5	-4.98748	-5.39758	-5.34658	-3.98205
749	-4.96693	-5.4024	-5.36019	-3.9626
750.5	-4.95292	-5.40033	-5.35706	-3.94413
752	-4.93156	-5.39553	-5.36019	-3.92556
753.5	-4.91841	-5.40171	-5.35706	-3.90241
755	-4.90191	-5.39758	-5.34173	-3.88137
756.5	-4.87436	-5.38609	-5.32985	-3.86241
758	-4.85156	-5.39281	-5.31601	-3.84418
759.5	-4.8325	-5.38609	-5.32461	-3.82912
761	-4.82915	-5.37815	-5.30259	-3.81372
762.5	-4.82382	-5.37424	-5.27902	-3.79655
764	-4.80574	-5.3723	-5.30259	-3.78077
765.5	-4.77774	-5.36652	-5.29875	-3.76736
767	-4.75703	-5.36844	-5.29011	-3.75771
768.5	-4.7462	-5.35706	-5.28007	-3.75051
770	-4.73176	-5.37685	-5.26719	-3.74344
771.5	-4.7211	-5.36461	-5.24302	-3.73566
773	-4.71055	-5.36461	-5.22932	-3.72432
774.5	-4.69033	-5.36019	-5.21966	-3.71307
776	-4.67165	-5.35643	-5.2435	-3.7041
777.5	-4.65996	-5.35519	-5.23165	-3.69691
779	-4.65771	-5.34536	-5.20579	-3.69057
780.5	-4.64288	-5.33634	-5.21155	-3.68169
782	-4.62298	-5.32519	-5.19664	-3.67344
783.5	-4.60505	-5.32519	-5.19535	-3.66472
785	-4.59631	-5.31601	-5.17069	-3.6559
786.5	-4.5853	-5.31318	-5.12303	-3.64692
788	-4.57333	-5.30757	-5.14162	-3.63736
789.5	-4.55395	-5.3098	-5.13897	-3.62936



791	-4.53315	-5.2993	-5.13	-3.62378
792.5	-4.52206	-5.28532	-5.12121	-3.61991
794	-4.51045	-5.27487	-5.09621	-3.61537
795.5	-4.50427	-5.2677	-5.09689	-3.60856
797	-4.4893	-5.25125	-5.08206	-3.59962
798.5	-4.47172	-5.24158	-5.062	-3.59107
800	-4.46287	-5.23494	-5.04677	-3.58217
801.5	-4.45001	-5.23683	-5.02677	-3.57541
803	-4.44174	-5.21469	-5.00266	-3.568
804.5	-4.43007	-5.19621	-4.98855	-3.56082
806	-4.41784	-5.19923	-5.00129	-3.55424
807.5	-4.40122	-5.19022	-4.99991	-3.55013
809	-4.38829	-5.17273	-4.99096	-3.54471
810.5	-4.38098	-5.17518	-4.9754	-3.53958
812	-4.37062	-5.17069	-4.9682	-3.53439
813.5	-4.35358	-5.15474	-4.94998	-3.52711
815	-4.33522	-5.16105	-4.92252	-3.5212
816.5	-4.32333	-5.15474	-4.8982	-3.51596
818	-4.31549	-5.12522	-4.87621	-3.50916
819.5	-4.30718	-5.12889	-4.85823	-3.50137
821	-4.29279	-5.12889	-4.86002	-3.49112
822.5	-4.27923	-5.11904	-4.837	-3.48043
824	-4.26205	-5.10137	-4.83268	-3.46731
825.5	-4.24809	-5.11047	-4.81927	-3.45512
827	-4.23962	-5.0993	-4.81388	-3.44523
828.5	-4.23128	-5.08807	-4.79965	-3.43728
830	-4.22272	-5.07321	-4.78805	-3.42957
831.5	-4.21236	-5.06042	-4.77741	-3.42207
833	-4.2015	-5.04494	-4.76255	-3.41325
834.5	-4.18941	-5.03265	-4.74681	-3.40478
836	-4.17955	-5.03146	-4.7465	-3.39823
837.5	-4.17518	-5.01243	-4.74361	-3.39316
839	-4.1658	-5.00626	-4.72633	-3.38898
840.5	-4.15867	-4.99069	-4.71637	-3.38375
842	-4.14663	-4.98298	-4.69998	-3.37916
843.5	-4.13596	-4.98034	-4.68419	-3.37479
845	-4.12687	-4.96338	-4.66908	-3.36995
846.5	-4.11599	-4.9512	-4.64981	-3.36554
848	-4.10516	-4.94367	-4.6406	-3.36251
849.5	-4.09751	-4.94199	-4.63018	-3.35961
851	-4.08928	-4.92806	-4.61624	-3.35608
852.5	-4.08167	-4.92091	-4.6066	-3.35195
854	-4.0704	-4.91546	-4.59837	-3.34714
855.5	-4.06555	-4.90476	-4.59663	-3.3411
857	-4.05534	-4.89951	-4.58604	-3.33362
858.5	-4.04808	-4.8911	-4.57704	-3.32626
860	-4.03776	-4.8758	-4.56438	-3.31992
861.5	-4.02988	-4.86723	-4.56198	-3.31392
863	-4.02268	-4.86804	-4.55356	-3.3083
864.5	-4.01464	-4.85764	-4.54386	-3.30249

866	-4.00654	-4.8502	-4.54099	-3.29679
867.5	-3.99811	-4.83213	-4.53109	-3.29147
869	-3.98745	-4.81514	-4.52051	-3.28712
870.5	-3.98234	-4.80469	-4.50296	-3.28306
872	-3.97332	-4.7916	-4.4871	-3.27979
873.5	-3.96629	-4.78788	-4.47408	-3.27687
875	-3.962	-4.7704	-4.46073	-3.27411
876.5	-3.95433	-4.75766	-4.4528	-3.27159
878	-3.948	-4.74361	-4.44501	-3.26944
879.5	-3.94163	-4.73295	-4.42882	-3.26682
881	-3.92841	-4.72823	-4.41971	-3.26416
882.5	-3.91973	-4.72385	-4.40665	-3.2615
884	-3.91495	-4.71722	-4.39607	-3.25871
885.5	-3.90894	-4.70677	-4.38682	-3.25585
887	-3.89948	-4.69656	-4.38343	-3.25316
888.5	-3.88934	-4.69303	-4.36914	-3.2505
890	-3.88125	-4.69141	-4.35837	-3.24794
891.5	-3.87438	-4.68658	-4.36	-3.24508
893	-3.86491	-4.67372	-4.35166	-3.24265
894.5	-3.85881	-4.66437	-4.34318	-3.24055
896	-3.85265	-4.64797	-4.33629	-3.23819
897.5	-3.84631	-4.6424	-4.33468	-3.2361
899	-3.83917	-4.62843	-4.32582	-3.23455
900.5	-3.83086	-4.61965	-4.31504	-3.23257
902	-3.82141	-4.61658	-4.30941	-3.22987
903.5	-3.8167	-4.61106	-4.30122	-3.22659
905	-3.80604	-4.59978	-4.29296	-3.22351
906.5	-3.79942	-4.59082	-4.28443	-3.22081
908	-3.78801	-4.58826	-4.2723	-3.21855
909.5	-3.78441	-4.57808	-4.26456	-3.21643
911	-3.7743	-4.56985	-4.2593	-3.21459
912.5	-3.76652	-4.56822	-4.25272	-3.21227
914	-3.76185	-4.5518	-4.24571	-3.20985
915.5	-3.75144	-4.54946	-4.23631	-3.20783
917	-3.74649	-4.54042	-4.2246	-3.20548
918.5	-3.74055	-4.52766	-4.21312	-3.2034
920	-3.73463	-4.52389	-4.19897	-3.20126
921.5	-3.72711	-4.52078	-4.19102	-3.19914
923	-3.72184	-4.51223	-4.18586	-3.19716
924.5	-3.71709	-4.50305	-4.18051	-3.19439
926	-3.71068	-4.49014	-4.17782	-3.19126
927.5	-3.70408	-4.48216	-4.1744	-3.18785
929	-3.69567	-4.47918	-4.16544	-3.18462
930.5	-3.68804	-4.47662	-4.15521	-3.1814
932	-3.68188	-4.46623	-4.15309	-3.17761
933.5	-3.67704	-4.45773	-4.14659	-3.17494
935	-3.67092	-4.44151	-4.1494	-3.17197
936.5	-3.66747	-4.42963	-4.14391	-3.16882
938	-3.6593	-4.42224	-4.13829	-3.1656
939.5	-3.65348	-4.41648	-4.12952	-3.1614

941	-3.6469	-4.41171	-4.12263	-3.15659
942.5	-3.63728	-4.41108	-4.11516	-3.15309
944	-3.63362	-4.40476	-4.10877	-3.1499
945.5	-3.62671	-4.39737	-4.10565	-3.14665
947	-3.62132	-4.39125	-4.10227	-3.14432
948.5	-3.6164	-4.38111	-4.09552	-3.14159
950	-3.61329	-4.37574	-4.09171	-3.13898
951.5	-3.60703	-4.36748	-4.08409	-3.1371
953	-3.60138	-4.35912	-4.07758	-3.1342
954.5	-3.5922	-4.35123	-4.07049	-3.13108
956	-3.58553	-4.34872	-4.0632	-3.12725
957.5	-3.58072	-4.33969	-4.05311	-3.1246
959	-3.57691	-4.32728	-4.04585	-3.12075
960.5	-3.57095	-4.32397	-4.04188	-3.11637
962	-3.56469	-4.32161	-4.03413	-3.11237
963.5	-3.56145	-4.31629	-4.03416	-3.10902
965	-3.55693	-4.30902	-4.03167	-3.10539
966.5	-3.5495	-4.29968	-4.02888	-3.10211
968	-3.54153	-4.29854	-4.02346	-3.09847
969.5	-3.53649	-4.29161	-4.01751	-3.09395
971	-3.52878	-4.28702	-4.01381	-3.08942
972.5	-3.52483	-4.28158	-4.00878	-3.08476
974	-3.51875	-4.27523	-4.00626	-3.08018
975.5	-3.51074	-4.27163	-3.99617	-3.07739
977	-3.50485	-4.26351	-3.99117	-3.07469
978.5	-3.5015	-4.25538	-3.98673	-3.07131
980	-3.49604	-4.24649	-3.98032	-3.06837
981.5	-3.49035	-4.2423	-3.97322	-3.06585
983	-3.48735	-4.23891	-3.96866	-3.06364
984.5	-3.48171	-4.23282	-3.96538	-3.06092
986	-3.4765	-4.22719	-3.95894	-3.05811
987.5	-3.47096	-4.22281	-3.95223	-3.05572
989	-3.46603	-4.21731	-3.9472	-3.05387
990.5	-3.46137	-4.21098	-3.94199	-3.05243
992	-3.45857	-4.2046	-3.93738	-3.05107
993.5	-3.45433	-4.2061	-3.93379	-3.04952
995	-3.44839	-4.19505	-3.92955	-3.04748
996.5	-3.44395	-4.18734	-3.91998	-3.04563
998	-3.43798	-4.18251	-3.91463	-3.04374
999.5	-3.43363	-4.1784	-3.90573	-3.04162