

V-356

Time (s)	Elevation (m)	Speed (m/s)	Grade
0	0	0	0
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0

29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	0	0	0
45	0	0	-1.801
46	-0.00083625	0.10014	-1.801
47	-0.0041775	0.29996	-1.801
48	-0.010388	0.59993	-1.511
49	-0.019295	1	-1.244
50	-0.030088	1.4998	-0.994
51	-0.041034	2.0001	-0.756
52	-0.049955	2.4998	-0.527
53	-0.054754	3.0001	-0.305
54	-0.053438	3.4999	-0.09
55	-0.044007	4.0001	0.121
56	-0.024394	4.4999	0.331
57	-0.0064156	5.0001	0.248
58	0.010305	5.4999	0.188
59	0.026031	6.0002	0.143
60	0.040937	6.5	0.108

61	0.05528	7.0002	0.082
62	0.069308	7.5	0.063
63	0.08314	7.9998	0.048
64	0.097041	8.5	0.038
65	0.111	8.9998	0.029
66	0.12501	9.4987	0.021
67	0.13919	9.9963	0.015
68	0.15368	10.492	0.011
69	0.16845	10.988	0.007
70	0.18356	11.481	0.004
71	0.1991	11.975	0.002
72	0.21517	12.469	0.001
73	0.23176	12.963	0
74	0.249	13.457	0
75	0.26685	13.902	0
76	0.28525	14.298	0
77	0.30413	14.645	0
78	0.32344	14.945	0
79	0.3431	15.194	0
80	0.36324	15.444	0.001
81	0.38372	15.694	0.001
82	0.40468	15.945	0.002
83	0.42597	16.194	0.002
84	0.44775	16.444	0.003
85	0.46985	16.661	0.003
86	0.49238	16.844	0.004
87	0.5153	16.994	0.005
88	0.53858	17.111	0.006
89	0.56216	17.194	0.007
90	0.58603	17.278	0.008
91	0.61019	17.361	0.009
92	0.63481	17.444	0.011

93	0.6599	17.528	0.013
94	0.68546	17.611	0.015
95	0.71144	17.622	0.017
96	0.73774	17.561	0.019
97	0.76424	17.428	0.021
98	0.79066	17.222	0.022
99	0.81671	16.945	0.022
100	0.84217	16.667	0.021
101	0.86704	16.389	0.02
102	0.89101	16.111	0.017
103	0.91409	15.833	0.014
104	0.93614	15.556	0.01
105	0.95706	15.328	0.005
106	0.97679	15.15	-0.001
107	0.99587	15.022	-0.004
108	1.0145	14.945	-0.006
109	1.0333	14.917	-0.005
110	1.0524	14.889	-0.002
111	1.0721	14.861	0.002
112	1.0928	14.833	0.009
113	1.1148	14.806	0.018
114	1.1384	14.778	0.029
115	1.1639	14.778	0.042
116	1.1914	14.806	0.055
117	1.2212	14.861	0.071
118	1.2544	14.945	0.092
119	1.2915	15.055	0.117
120	1.3331	15.167	0.145
121	1.38	15.278	0.177
122	1.4326	15.389	0.213
123	1.4917	15.5	0.252
124	1.5577	15.611	0.294

125	1.6316	15.728	0.341
126	1.7133	15.85	0.387
127	1.8031	15.978	0.434
128	1.9012	16.111	0.481
129	2.008	16.25	0.529
130	2.1234	16.389	0.577
131	2.2479	16.528	0.626
132	2.3819	16.667	0.677
133	2.5261	16.806	0.731
134	2.6814	16.945	0.79
135	2.8485	16.895	0.857
136	3.0264	16.655	0.93
137	3.2137	16.228	1.009
138	3.409	15.611	1.096
139	3.6102	14.806	1.193
140	3.8164	14	1.301
141	4.0276	13.194	1.423
142	4.244	12.389	1.561
143	4.4656	11.583	1.719
144	4.6928	10.778	1.902
145	4.9261	9.9498	2.121
146	5.1652	9.0999	2.38
147	5.41	8.2278	2.696
148	5.661	7.3332	3.098
149	5.9202	6.4168	3.641
150	6.1758	5.4999	4.164
151	6.4172	4.5835	4.662
152	6.634	3.6666	5.131
153	6.8163	2.7502	5.562
154	6.9553	1.8333	5.944
155	7.0587	1.2776	6.532
156	7.1398	1.0832	6.751

157	7.2194	1.2499	6.708
158	7.3181	1.7779	6.402
159	7.4546	2.6666	6.025
160	7.6325	3.5558	5.596
161	7.8426	4.4445	5.128
162	8.0752	5.3332	4.633
163	8.3205	6.2223	4.118
164	8.551	7.1111	3.329
165	8.7729	7.9055	2.826
166	8.9882	8.6055	2.478
167	9.1978	9.2113	2.223
168	9.4023	9.7222	2.03
169	9.602	10.139	1.881
170	9.7979	10.556	1.763
171	9.9911	10.972	1.665
172	10.183	11.389	1.583
173	10.373	11.805	1.511
174	10.563	12.222	1.447
175	10.751	12.589	1.387
176	10.937	12.906	1.333
177	11.122	13.172	1.285
178	11.304	13.389	1.241
179	11.483	13.556	1.201
180	11.66	13.722	1.164
181	11.834	13.889	1.129
182	12.005	14.055	1.096
183	12.174	14.222	1.065
184	12.341	14.389	1.036
185	12.505	14.489	1.008
186	12.667	14.522	0.981
187	12.824	14.489	0.957
188	12.978	14.389	0.933

189	13.127	14.222	0.91
190	13.271	14.055	0.887
191	13.41	13.889	0.864
192	13.543	13.722	0.84
193	13.672	13.556	0.813
194	13.795	13.389	0.784
195	13.913	13.289	0.751
196	14.026	13.256	0.719
197	14.134	13.289	0.686
198	14.239	13.389	0.653
199	14.34	13.556	0.619
200	14.437	13.722	0.586
201	14.532	13.889	0.554
202	14.623	14.055	0.523
203	14.711	14.222	0.494
204	14.797	14.389	0.467
205	14.879	14.532	0.441
206	14.959	14.653	0.417
207	15.036	14.75	0.394
208	15.111	14.823	0.372
209	15.182	14.874	0.35
210	15.25	14.924	0.328
211	15.316	14.974	0.308
212	15.379	15.025	0.287
213	15.438	15.076	0.267
214	15.495	15.126	0.247
215	15.549	15.177	0.226
216	15.6	15.167	0.206
217	15.647	15.097	0.178
218	15.688	14.968	0.143
219	15.723	14.778	0.1
220	15.749	14.528	0.047

221	15.765	14.278	-0.014
222	15.772	14.028	-0.085
223	15.767	13.778	-0.167
224	15.749	13.528	-0.261
225	15.717	13.278	-0.37
226	15.67	12.928	-0.489
227	15.609	12.478	-0.606
228	15.537	11.928	-0.725
229	15.454	11.278	-0.845
230	15.362	10.528	-0.97
231	15.264	9.7777	-1.101
232	15.159	9.028	-1.241
233	15.05	8.2778	-1.393
234	14.937	7.5277	-1.56
235	14.822	6.7776	-1.745
236	14.704	6.0721	-1.959
237	14.584	5.411	-2.225
238	14.46	4.7945	-2.563
239	14.336	4.2223	-2.886
240	14.215	3.6943	-3.19
241	14.1	3.1668	-3.471
242	13.996	2.6389	-3.726
243	13.905	2.1109	-3.95
244	13.831	1.5834	-4.137
245	13.777	1.0555	-4.285
246	13.741	0.63346	-4.37
247	13.721	0.3165	-4.37
248	13.712	0.1055	-4.37
249	13.71	0	-4.37
250	13.71	0	0
251	13.71	0	0
252	13.71	0	0

253	13.71	0	0
254	13.71	0	0
255	13.71	0	0
256	13.71	0	0
257	13.71	0	0
258	13.71	0	0
259	13.71	0	0
260	13.71	0	0
261	13.71	0	0
262	13.71	0	0
263	13.71	0	0
264	13.71	0	0
265	13.71	0	0
266	13.71	0	0
267	13.71	0	0
268	13.71	0	0
269	13.71	0	0
270	13.71	0	0
271	13.71	0	0
272	13.71	0	0
273	13.71	0	0
274	13.71	0	0
275	13.71	0	0
276	13.71	0	0
277	13.71	0	0
278	13.71	0	0
279	13.71	0	0
280	13.71	0	0
281	13.71	0	0
282	13.71	0	0
283	13.71	0	0
284	13.71	0	0

285	13.71	0	0
286	13.71	0	0
287	13.71	0	0
288	13.71	0	0
289	13.71	0	0
290	13.71	0	0
291	13.71	0	0
292	13.71	0	0
293	13.71	0	0
294	13.71	0	0
295	13.71	0	5.164
296	13.712	0.07242	5.164
297	13.719	0.21681	5.164
298	13.736	0.43318	5.164
299	13.767	0.72242	5.164
300	13.817	1.0832	5.422
301	13.889	1.4444	5.573
302	13.983	1.8056	5.641
303	14.097	2.1668	5.64
304	14.231	2.5276	5.582
305	14.383	2.8888	5.476
306	14.55	3.2665	5.329
307	14.733	3.6613	5.147
308	14.928	4.0721	4.934
309	15.124	4.4999	4.427
310	15.318	4.9443	3.997
311	15.512	5.3891	3.624
312	15.704	5.8334	3.296
313	15.894	6.2778	3.008
314	16.082	6.7221	2.754
315	16.266	7.1665	2.528
316	16.447	7.5389	2.328

317	16.622	7.8388	2.151
318	16.792	8.0668	2
319	16.955	8.2224	1.871
320	17.111	8.3056	1.758
321	17.26	8.3887	1.657
322	17.403	8.4723	1.566
323	17.54	8.5555	1.481
324	17.672	8.639	1.402
325	17.799	8.7222	1.327
326	17.919	8.7168	1.257
327	18.034	8.6221	1.191
328	18.142	8.4388	1.132
329	18.242	8.1665	1.078
330	18.335	7.8053	1.03
331	18.42	7.4446	0.986
332	18.498	7.0833	0.942
333	18.569	6.7221	0.896
334	18.632	6.3609	0.843
335	18.689	6.0002	0.783
336	18.738	5.7722	0.713
337	18.782	5.6779	0.634
338	18.821	5.7167	0.556
339	18.857	5.8889	0.48
340	18.889	6.1946	0.405
341	18.919	6.5	0.335
342	18.945	6.8057	0.271
343	18.969	7.1111	0.216
344	18.991	7.4168	0.173
345	19.012	7.7222	0.14
346	19.031	7.8889	0.119
347	19.049	7.9166	0.098
348	19.066	7.8053	0.081

349	19.081	7.5554	0.067
350	19.095	7.1665	0.055
351	19.107	6.7776	0.045
352	19.118	6.3891	0.037
353	19.128	6.0002	0.03
354	19.137	5.6112	0.025
355	19.145	5.2223	0.02
356	19.153	5.0332	0.018
357	19.16	5.0444	0.015
358	19.168	5.2554	0.012
359	19.175	5.6667	0.009
360	19.183	6.2778	0.006
361	19.192	6.8889	0.004
362	19.202	7.5	0.002
363	19.212	8.1111	0.001
364	19.223	8.7222	0
365	19.235	9.3333	0
366	19.247	9.8443	0
367	19.26	10.256	0
368	19.274	10.567	0
369	19.288	10.778	0
370	19.302	10.889	0
371	19.316	11	0
372	19.331	11.111	0
373	19.345	11.222	0
374	19.36	11.333	0
375	19.375	11.444	0
376	19.39	11.467	0
377	19.405	11.4	0
378	19.42	11.244	0
379	19.434	11	0
380	19.448	10.667	0

381	19.462	10.333	0
382	19.475	9.9998	0
383	19.488	9.6668	0
384	19.5	9.3333	0
385	19.512	8.9998	0
386	19.524	8.6529	0
387	19.535	8.2926	0
388	19.546	7.9184	0
389	19.556	7.5308	0
390	19.565	7.1294	0
391	19.574	6.7284	0
392	19.583	6.327	0
393	19.591	5.926	0
394	19.598	5.5245	0
395	19.605	5.2813	0
396	19.612	5.1964	0
397	19.619	5.2693	0
398	19.626	5.4999	0
399	19.633	5.8889	0
400	19.641	6.2778	0
401	19.65	6.6667	0
402	19.659	7.0556	0
403	19.668	7.4446	0
404	19.678	7.8335	0
405	19.689	8.1165	0
406	19.699	8.2944	0
407	19.71	8.3668	0
408	19.721	8.3333	0
409	19.732	8.1942	0
410	19.742	8.0557	0
411	19.753	7.9166	0
412	19.763	7.7776	0

413	19.773	7.639	0
414	19.783	7.5	0
415	19.793	7.3002	0
416	19.802	7.0391	0
417	19.811	6.7168	0
418	19.819	6.3332	0
419	19.827	5.8889	0
420	19.835	5.4445	0
421	19.842	5.0001	0
422	19.848	4.5553	0
423	19.854	4.111	0
424	19.859	3.6666	0
425	19.863	3.4333	0
426	19.868	3.4109	0
427	19.872	3.6	0
428	19.877	4.0001	0
429	19.883	4.6112	0
430	19.889	5.2223	0
431	19.896	5.8334	0
432	19.905	6.4445	0
433	19.913	7.0556	0
434	19.923	7.6667	0
435	19.933	8.1942	0
436	19.944	8.639	0
437	19.956	8.9998	0
438	19.968	9.2779	0
439	19.98	9.4723	0
440	19.992	9.6668	0
441	20.005	9.8613	0
442	20.018	10.056	0
443	20.031	10.25	0
444	20.045	10.445	0

445	20.059	10.622	0
446	20.073	10.783	0
447	20.087	10.928	0
448	20.101	11.056	0
449	20.116	11.167	0
450	20.13	11.278	0
451	20.145	11.389	0
452	20.16	11.5	0
453	20.175	11.611	0
454	20.19	11.722	0
455	20.206	11.828	0
456	20.221	11.928	0
457	20.237	12.022	0
458	20.253	12.111	0
459	20.268	12.194	0
460	20.284	12.278	0
461	20.3	12.361	0
462	20.317	12.444	0
463	20.333	12.528	0
464	20.349	12.611	0
465	20.366	12.666	0
466	20.382	12.695	0
467	20.399	12.695	0
468	20.415	12.666	0
469	20.432	12.611	0
470	20.448	12.556	0
471	20.465	12.5	0
472	20.481	12.444	0
473	20.497	12.389	0
474	20.513	12.333	0
475	20.529	12.328	0
476	20.546	12.372	0

477	20.562	12.467	0
478	20.578	12.611	0
479	20.595	12.805	0
480	20.612	13	0
481	20.629	13.194	0
482	20.646	13.389	0
483	20.664	13.583	0
484	20.681	13.778	0
485	20.699	13.972	0
486	20.718	14.167	0
487	20.736	14.361	0
488	20.755	14.556	0
489	20.774	14.75	0
490	20.794	14.945	0
491	20.813	15.139	0
492	20.833	15.333	0
493	20.853	15.528	0
494	20.874	15.722	0
495	20.894	15.867	0
496	20.915	15.961	0
497	20.936	16.005	0
498	20.957	16	0
499	20.978	15.945	0
500	20.999	15.889	0
501	21.019	15.833	0
502	21.04	15.778	0
503	21.06	15.722	0
504	21.081	15.667	0
505	21.101	15.511	0
506	21.121	15.256	0
507	21.141	14.9	0
508	21.16	14.444	0

509	21.179	13.889	0
510	21.196	13.333	0
511	21.213	12.778	0
512	21.23	12.222	0
513	21.245	11.667	0
514	21.26	11.111	0
515	21.274	10.578	0
516	21.288	10.066	0
517	21.301	9.5778	0
518	21.313	9.1111	0
519	21.324	8.6668	0
520	21.335	8.2224	0
521	21.346	7.7776	0
522	21.356	7.3332	0
523	21.365	6.8889	0
524	21.374	6.4445	0
525	21.382	6.1776	0
526	21.39	6.0887	0
527	21.398	6.1776	0
528	21.406	6.4445	0
529	21.415	6.8889	0
530	21.424	7.3332	0
531	21.434	7.7776	0
532	21.444	8.2224	0
533	21.456	8.6668	0
534	21.467	9.1111	0
535	21.479	9.5166	0
536	21.492	9.8832	0
537	21.505	10.211	0
538	21.519	10.5	0
539	21.532	10.75	0
540	21.547	11	0

541	21.561	11.25	0
542	21.576	11.5	0
543	21.591	11.75	0
544	21.607	12	0
545	21.622	12.225	0
546	21.639	12.424	0
547	21.655	12.598	0
548	21.671	12.747	0
549	21.688	12.87	0
550	21.705	12.994	0
551	21.722	13.117	0
552	21.739	13.241	0
553	21.757	13.364	0
554	21.774	13.418	0
555	21.792	13.404	0
556	21.809	13.32	0
557	21.826	13.167	0
558	21.843	12.944	0
559	21.86	12.722	0
560	21.876	12.5	0
561	21.893	12.278	0
562	21.909	12.055	0
563	21.924	11.833	0
564	21.939	11.478	0
565	21.954	10.989	0
566	21.968	10.367	0
567	21.981	9.6109	0
568	21.993	8.7222	0
569	22.004	7.8335	0
570	22.013	6.9443	0
571	22.022	6.0556	0
572	22.029	5.1664	0

573	22.035	4.2777	0
574	22.04	3.5169	0
575	22.045	2.8834	0
576	22.048	2.3778	0
577	22.051	2.0001	0
578	22.053	1.7502	0
579	22.055	1.4998	0
580	22.057	1.2499	0
581	22.059	1	0
582	22.06	0.75013	0
583	22.061	0.49979	0
584	22.061	0.29996	0
585	22.061	0.15021	0
586	22.062	0.050068	0
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633	22.062	0	-0.019
634	22.062	0.11131	-0.019
635	22.062	0.22218	-0.019
636	22.062	0.37015	-0.019

637	22.063	0.55567	-0.019
638	22.063	0.74075	-0.019
639	22.064	0.92582	-0.019
640	22.066	1.1109	-0.019
641	22.067	1.2964	-0.019
642	22.068	1.4502	-0.019
643	22.07	1.5722	-0.019
644	22.072	1.663	-0.019
645	22.074	1.722	-0.019
646	22.076	1.7502	-0.019
647	22.078	1.7779	-0.019
648	22.08	1.8056	-0.019
649	22.082	1.8333	-0.019
650	22.084	1.861	-0.019
651	22.086	1.8887	-0.019
652	22.088	1.8999	-0.019
653	22.09	1.8946	-0.019
654	22.092	1.8722	-0.019
655	22.094	1.8333	-0.019
656	22.096	1.7779	-0.019
657	22.098	1.722	-0.019
658	22.1	1.6666	-0.019
659	22.102	1.6111	-0.019
660	22.104	1.5557	-0.019
661	22.105	1.4998	-0.019
662	22.107	1.4667	-0.019
663	22.109	1.4556	-0.019
664	22.11	1.4667	-0.019
665	22.112	1.4998	-0.019
666	22.114	1.5557	-0.019
667	22.115	1.6111	-0.019
668	22.117	1.6666	-0.019

669	22.119	1.722	-0.019
670	22.121	1.7779	-0.019
671	22.123	1.8333	-0.019
672	22.125	1.9446	-0.019
673	22.127	2.1109	-0.019
674	22.13	2.3335	-0.018
675	22.133	2.6112	-0.018
676	22.136	2.9447	-0.017
677	22.139	3.2777	-0.016
678	22.143	3.6112	-0.015
679	22.148	3.9442	-0.014
680	22.153	4.2777	-0.013
681	22.158	4.6112	-0.012
682	22.164	4.811	-0.011
683	22.169	4.8777	-0.011
684	22.175	4.811	-0.011
685	22.181	4.6112	-0.011
686	22.186	4.2777	-0.012
687	22.191	3.9442	-0.013
688	22.195	3.6112	-0.014
689	22.199	3.2777	-0.015
690	22.203	2.9447	-0.016
691	22.206	2.6112	-0.017
692	22.209	2.3054	-0.018
693	22.211	2.0278	-0.019
694	22.213	1.7779	-0.019
695	22.215	1.5557	-0.02
696	22.217	1.3612	-0.02
697	22.218	1.1668	-0.02
698	22.219	0.97231	-0.02
699	22.22	0.77785	-0.02
700	22.221	0.58339	-0.02

701	22.222	0.38892	-0.02
702	22.222	0.23335	-0.02
703	22.222	0.11668	-0.02
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748	22.222	0	0
749	22.222	0	0
750	22.222	0	0.071
751	22.222	0.050068	0.071
752	22.222	0.15021	0.071
753	22.223	0.29996	0.071
754	22.224	0.49979	0.071
755	22.225	0.75013	0.071
756	22.227	1	0.071
757	22.232	1.2499	0.358
758	22.242	1.4998	0.608
759	22.258	1.7502	0.826
760	22.279	2.0001	1.015
761	22.308	2.3166	1.179
762	22.344	2.7001	1.324
763	22.39	3.1498	1.454
764	22.448	3.6666	1.572

765	22.52	4.25	1.679
766	22.594	4.8334	1.491
767	22.668	5.4168	1.328
768	22.744	6.0002	1.191
769	22.82	6.5831	1.076
770	22.896	7.1665	0.979
771	22.973	7.7056	0.898
772	23.049	8.2001	0.827
773	23.124	8.6498	0.765
774	23.198	9.0557	0.709
775	23.271	9.4165	0.659
776	23.343	9.7777	0.616
777	23.413	10.139	0.577
778	23.483	10.5	0.541
779	23.551	10.861	0.508
780	23.618	11.222	0.477
781	23.684	11.494	0.448
782	23.747	11.678	0.42
783	23.809	11.772	0.394
784	23.868	11.778	0.37
785	23.924	11.695	0.346
786	23.977	11.611	0.324
787	24.027	11.528	0.304
788	24.075	11.444	0.284
789	24.12	11.361	0.264
790	24.162	11.278	0.244
791	24.202	11.228	0.224
792	24.239	11.211	0.204
793	24.275	11.228	0.184
794	24.308	11.278	0.163
795	24.339	11.361	0.143
796	24.368	11.444	0.123

797	24.395	11.528	0.105
798	24.42	11.611	0.089
799	24.444	11.695	0.074
800	24.466	11.778	0.061
801	24.487	11.722	0.049
802	24.507	11.528	0.038
803	24.525	11.194	0.029
804	24.542	10.722	0.021
805	24.557	10.111	0.013
806	24.57	9.5	0.006
807	24.582	8.8889	-0.001
808	24.593	8.2778	-0.007
809	24.602	7.6667	-0.011
810	24.611	7.0556	-0.015
811	24.618	6.6721	-0.017
812	24.626	6.5165	-0.018
813	24.633	6.5889	-0.018
814	24.641	6.8889	-0.016
815	24.649	7.4168	-0.014
816	24.658	7.9443	-0.011
817	24.668	8.4723	-0.009
818	24.679	8.9998	-0.008
819	24.691	9.5278	-0.006
820	24.703	10.056	-0.005
821	24.716	10.558	-0.005
822	24.73	11.035	-0.004
823	24.744	11.487	-0.004
824	24.758	11.914	-0.005
825	24.774	12.315	-0.005
826	24.789	12.716	-0.005
827	24.805	13.117	-0.006
828	24.822	13.518	-0.006

829	24.839	13.92	-0.007
830	24.856	14.057	-0.008
831	24.873	13.932	-0.009
832	24.89	13.542	-0.01
833	24.905	12.889	-0.012
834	24.92	11.972	-0.014
835	24.933	11.056	-0.016
836	24.945	10.139	-0.019
837	24.955	9.222	-0.023
838	24.964	8.3056	-0.027
839	24.972	7.3887	-0.031
840	24.979	6.622	-0.036
841	24.984	6.0055	-0.04
842	24.989	5.5388	-0.045
843	24.994	5.2223	-0.051
844	24.997	5.0556	-0.056
845	25.001	4.8888	-0.061
846	25.004	4.7221	-0.066
847	25.007	4.5553	-0.069
848	25.01	4.389	-0.07
849	25.012	4.2223	-0.07
850	25.015	4.2165	-0.068
851	25.018	4.3721	-0.065
852	25.021	4.689	-0.06
853	25.025	5.1664	-0.054
854	25.029	5.8057	-0.047
855	25.035	6.4445	-0.039
856	25.041	7.0833	-0.031
857	25.049	7.7222	-0.024
858	25.058	8.361	-0.017
859	25.069	8.9998	-0.01
860	25.081	9.4388	-0.003

861	25.094	9.678	0.004
862	25.107	9.7169	0.012
863	25.122	9.5555	0.021
864	25.137	9.1943	0.031
865	25.153	8.8335	0.042
866	25.169	8.4723	0.053
867	25.185	8.1111	0.066
868	25.202	7.7499	0.08
869	25.219	7.3887	0.096
870	25.236	7.0109	0.114
871	25.254	6.6166	0.134
872	25.273	6.2054	0.158
873	25.292	5.7775	0.185
874	25.311	5.3332	0.217
875	25.331	4.8888	0.256
876	25.351	4.4445	0.301
877	25.371	4.0001	0.349
878	25.391	3.5558	0.395
879	25.41	3.111	0.436
880	25.428	2.8611	0.467
881	25.445	2.8056	0.487
882	25.463	2.9447	0.498
883	25.483	3.2777	0.498
884	25.505	3.8057	0.487
885	25.529	4.3332	0.466
886	25.555	4.8611	0.437
887	25.582	5.3891	0.404
888	25.611	5.9166	0.372
889	25.64	6.4445	0.345
890	25.67	6.8665	0.322
891	25.701	7.1835	0.304
892	25.731	7.3945	0.289

893	25.762	7.5	0.276
894	25.791	7.5	0.265
895	25.82	7.5	0.256
896	25.849	7.5	0.249
897	25.877	7.5	0.241
898	25.904	7.5	0.232
899	25.93	7.5	0.221
900	25.956	7.5054	0.208
901	25.98	7.5165	0.193
902	26.003	7.5335	0.176
903	26.025	7.5554	0.157
904	26.045	7.5831	0.137
905	26.064	7.6113	0.114
906	26.08	7.639	0.092
907	26.096	7.6667	0.07
908	26.11	7.6945	0.048
909	26.122	7.7222	0.026
910	26.132	7.7646	0.004
911	26.141	7.8219	-0.017
912	26.148	7.8934	-0.038
913	26.154	7.9797	-0.059
914	26.158	8.0807	-0.079
915	26.16	8.1817	-0.099
916	26.162	8.2828	-0.117
917	26.161	8.3838	-0.135
918	26.159	8.4848	-0.153
919	26.156	8.5859	-0.17
920	26.151	8.6869	-0.187
921	26.145	8.6954	-0.206
922	26.136	8.6118	-0.225
923	26.126	8.4352	-0.247
924	26.115	8.1665	-0.27

925	26.102	7.8053	-0.296
926	26.087	7.4446	-0.324
927	26.071	7.0833	-0.353
928	26.053	6.7221	-0.382
929	26.035	6.3609	-0.41
930	26.016	6.0002	-0.435
931	25.997	5.7556	-0.455
932	25.978	5.6278	-0.469
933	25.958	5.6166	-0.479
934	25.938	5.7221	-0.482
935	25.918	5.9443	-0.481
936	25.897	6.1665	-0.475
937	25.876	6.3891	-0.469
938	25.854	6.6113	-0.464
939	25.832	6.8335	-0.46
940	25.809	7.0556	-0.459
941	25.785	7.2331	-0.463
942	25.761	7.3668	-0.47
943	25.735	7.4557	-0.481
944	25.707	7.5	-0.497
945	25.678	7.5	-0.515
946	25.648	7.5	-0.535
947	25.616	7.5	-0.557
948	25.582	7.5	-0.579
949	25.547	7.5	-0.601
950	25.51	7.5	-0.623
951	25.472	7.5112	-0.645
952	25.431	7.5335	-0.666
953	25.389	7.5666	-0.687
954	25.345	7.6113	-0.708
955	25.3	7.6667	-0.728
956	25.252	7.7222	-0.746

957	25.203	7.7776	-0.764
958	25.153	7.8335	-0.782
959	25.1	7.8889	-0.798
960	25.046	7.9443	-0.815
961	24.99	7.9998	-0.83
962	24.933	8.0557	-0.845
963	24.874	8.1111	-0.86
964	24.813	8.1665	-0.875
965	24.751	8.2224	-0.889
966	24.687	8.2778	-0.901
967	24.623	8.3333	-0.911
968	24.557	8.3887	-0.918
969	24.49	8.4446	-0.923
970	24.423	8.5	-0.925
971	24.355	8.5751	-0.924
972	24.287	8.6703	-0.92
973	24.219	8.7852	-0.913
974	24.15	8.9198	-0.903
975	24.082	9.074	-0.892
976	24.013	9.2282	-0.881
977	23.944	9.3825	-0.87
978	23.875	9.5372	-0.861
979	23.806	9.6914	-0.855
980	23.735	9.6927	-0.854
981	23.665	9.5407	-0.86
982	23.595	9.2358	-0.875
983	23.526	8.7776	-0.898
984	23.458	8.1665	-0.932
985	23.392	7.5554	-0.978
986	23.326	6.9443	-1.038
987	23.261	6.3332	-1.107
988	23.198	5.7221	-1.18

989	23.137	5.111	-1.25
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991	23.025	4.3054	-1.357
992	22.972	4.111	-1.389
993	22.92	4.0555	-1.405
994	22.868	4.1387	-1.404
995	22.815	4.2223	-1.384
996	22.763	4.3054	-1.349
997	22.712	4.389	-1.302
998	22.663	4.4722	-1.248
999	22.615	4.5553	-1.194
1000	22.568	4.6389	-1.142
1001	22.523	4.7221	-1.093
1002	22.48	4.8057	-1.045
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1005	22.358	5.0556	-0.913
1006	22.32	5.1387	-0.875
1007	22.283	5.2223	-0.842
1008	22.247	5.3055	-0.814
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1010	22.177	5.461	-0.771
1011	22.143	5.5223	-0.757
1012	22.108	5.5724	-0.747
1013	22.074	5.6112	-0.742
1014	22.04	5.639	-0.741
1015	22.005	5.6667	-0.74
1016	21.971	5.6944	-0.74
1017	21.936	5.7221	-0.737
1018	21.902	5.7498	-0.73
1019	21.868	5.7775	-0.72
1020	21.834	5.8611	-0.704

1021	21.802	6.0002	-0.685
1022	21.769	6.1946	-0.661
1023	21.737	6.4445	-0.634
1024	21.706	6.7499	-0.603
1025	21.676	7.0556	-0.57
1026	21.647	7.361	-0.537
1027	21.618	7.6667	-0.505
1028	21.592	7.9721	-0.475
1029	21.566	8.2778	-0.448
1030	21.541	8.5224	-0.424
1031	21.518	8.7057	-0.403
1032	21.495	8.8277	-0.383
1033	21.475	8.8889	-0.366
1034	21.455	8.8889	-0.351
1035	21.437	8.8889	-0.337
1036	21.419	8.8889	-0.325
1037	21.403	8.8889	-0.313
1038	21.388	8.8889	-0.301
1039	21.374	8.8889	-0.29
1040	21.361	8.8778	-0.278
1041	21.349	8.8554	-0.267
1042	21.338	8.8223	-0.256
1043	21.328	8.7776	-0.244
1044	21.319	8.7222	-0.233
1045	21.311	8.6668	-0.221
1046	21.304	8.6109	-0.212
1047	21.297	8.5555	-0.203
1048	21.292	8.5	-0.197
1049	21.286	8.4446	-0.193
1050	21.281	8.2778	-0.192
1051	21.276	7.9998	-0.194
1052	21.271	7.6113	-0.201

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1054	21.258	6.5	-0.227
1055	21.251	5.8889	-0.249
1056	21.243	5.2778	-0.278
1057	21.233	4.6667	-0.316
1058	21.224	4.0555	-0.354
1059	21.214	3.4444	-0.39
1060	21.205	2.9111	-0.423
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1065	21.168	1.3335	-0.535
1066	21.163	1.1109	-0.535
1067	21.159	0.88872	-0.535
1068	21.156	0.66654	-0.535
1069	21.154	0.44436	-0.535
1070	21.152	0.31114	-0.535
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1073	21.148	0.44436	-0.535
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1075	21.143	0.88872	-0.535
1076	21.139	1.1109	-0.535
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1078	21.126	1.5557	-0.652
1079	21.116	1.7779	-0.692
1080	21.105	2.0443	-0.722
1081	21.092	2.3555	-0.743
1082	21.076	2.7113	-0.757
1083	21.057	3.111	-0.766
1084	21.036	3.5558	-0.771

1085	21.012	4.0001	-0.772
1086	20.987	4.4445	-0.704
1087	20.963	4.8888	-0.649
1088	20.939	5.3332	-0.606
1089	20.914	5.7775	-0.576
1090	20.889	6.0498	-0.558
1091	20.863	6.1499	-0.553
1092	20.837	6.078	-0.56
1093	20.81	5.8334	-0.579
1094	20.783	5.4168	-0.612
1095	20.756	5.0001	-0.66
1096	20.727	4.5835	-0.722
1097	20.698	4.1669	-0.793
1098	20.669	3.7498	-0.868
1099	20.64	3.3331	-0.94
1100	20.613	3.0113	-1.003
1101	20.586	2.7833	-1.054
1102	20.56	2.6501	-1.093
1103	20.534	2.6112	-1.117
1104	20.508	2.6666	-1.124
1105	20.481	2.722	-1.114
1106	20.455	2.7779	-1.089
1107	20.429	2.8333	-1.049
1108	20.404	2.8888	-0.997
1109	20.381	2.9447	-0.938
1110	20.358	3.0667	-0.874
1111	20.337	3.2553	-0.807
1112	20.316	3.5111	-0.737
1113	20.297	3.8334	-0.666
1114	20.278	4.2223	-0.594
1115	20.261	4.6112	-0.524
1116	20.245	5.0001	-0.458

1117	20.231	5.3891	-0.399
1118	20.219	5.7775	-0.347
1119	20.209	6.1665	-0.303
1120	20.2	6.4664	-0.264
1121	20.194	6.6779	-0.231
1122	20.189	6.7999	-0.201
1123	20.186	6.8335	-0.174
1124	20.185	6.7776	-0.149
1125	20.185	6.7221	-0.126
1126	20.187	6.6667	-0.106
1127	20.189	6.6113	-0.086
1128	20.194	6.5554	-0.068
1129	20.199	6.5	-0.051
1130	20.205	6.4611	-0.035
1131	20.212	6.4387	-0.019
1132	20.22	6.4334	-0.005
1133	20.229	6.4445	0.009
1134	20.239	6.4722	0.022
1135	20.25	6.5	0.035
1136	20.261	6.5277	0.047
1137	20.274	6.5554	0.059
1138	20.287	6.5831	0.071
1139	20.301	6.6113	0.084
1140	20.316	6.5724	0.097
1141	20.332	6.4664	0.112
1142	20.348	6.2943	0.127
1143	20.365	6.0556	0.145
1144	20.383	5.7498	0.165
1145	20.401	5.4445	0.188
1146	20.419	5.1387	0.213
1147	20.437	4.8334	0.24
1148	20.456	4.5276	0.267

1149	20.474	4.2223	0.292
1150	20.493	4.0457	0.313
1151	20.511	3.9983	0.331
1152	20.53	4.0797	0.344
1153	20.551	4.2902	0.353
1154	20.572	4.6295	0.357
1155	20.596	4.9693	0.357
1156	20.621	5.3086	0.353
1157	20.647	5.6484	0.348
1158	20.674	5.9877	0.343
1159	20.703	6.2483	0.339
1160	20.733	6.4298	0.338
1161	20.763	6.5321	0.339
1162	20.794	6.5554	0.342
1163	20.825	6.5	0.347
1164	20.857	6.4445	0.354
1165	20.888	6.3891	0.362
1166	20.92	6.3332	0.37
1167	20.952	6.2778	0.378
1168	20.984	6.2223	0.384
1169	21.017	6.2	0.388
1170	21.049	6.2112	0.39
1171	21.081	6.2554	0.39
1172	21.114	6.3332	0.389
1173	21.147	6.4445	0.385
1174	21.18	6.5554	0.379
1175	21.213	6.6667	0.373
1176	21.247	6.7776	0.367
1177	21.28	6.8889	0.358
1178	21.313	7.0002	0.346
1179	21.346	7.0498	0.332
1180	21.377	7.0391	0.316

1181	21.407	6.9667	0.297
1182	21.435	6.8335	0.275
1183	21.461	6.639	0.251
1184	21.484	6.4445	0.222
1185	21.504	6.2501	0.19
1186	21.522	6.0556	0.157
1187	21.537	5.8611	0.118
1188	21.549	5.6667	0.074
1189	21.557	5.5276	0.025
1190	21.563	5.4445	-0.029
1191	21.565	5.4168	-0.088
1192	21.564	5.4445	-0.15
1193	21.559	5.5276	-0.216
1194	21.551	5.6112	-0.284
1195	21.538	5.6944	-0.355
1196	21.521	5.7775	-0.423
1197	21.501	5.8611	-0.487
1198	21.476	5.9443	-0.546
1199	21.448	6.0721	-0.6
1200	21.416	6.2443	-0.648
1201	21.38	6.4611	-0.691
1202	21.341	6.7221	-0.728
1203	21.298	7.0279	-0.76
1204	21.251	7.3332	-0.787
1205	21.2	7.639	-0.81
1206	21.145	7.9443	-0.829
1207	21.087	8.2501	-0.846
1208	21.026	8.5555	-0.862
1209	20.961	8.7611	-0.88
1210	20.893	8.8666	-0.899
1211	20.823	8.8724	-0.921
1212	20.751	8.7776	-0.946

1213	20.678	8.5832	-0.974
1214	20.604	8.3887	-1.006
1215	20.528	8.1942	-1.042
1216	20.451	7.9998	-1.078
1217	20.374	7.8053	-1.112
1218	20.296	7.6113	-1.14
1219	20.218	7.4611	-1.163
1220	20.141	7.3556	-1.178
1221	20.063	7.2944	-1.186
1222	19.986	7.2778	-1.186
1223	19.91	7.3055	-1.179
1224	19.834	7.3332	-1.164
1225	19.76	7.361	-1.146
1226	19.686	7.3887	-1.127
1227	19.614	7.4168	-1.109
1228	19.542	7.4446	-1.093
1229	19.472	7.411	-1.08
1230	19.402	7.3167	-1.072
1231	19.335	7.1611	-1.068
1232	19.268	6.9443	-1.068
1233	19.204	6.6667	-1.072
1234	19.142	6.3891	-1.081
1235	19.082	6.111	-1.092
1236	19.024	5.8334	-1.103
1237	18.968	5.5554	-1.113
1238	18.915	5.2778	-1.116
1239	18.864	5.0887	-1.112
1240	18.815	4.989	-1.098
1241	18.768	4.9778	-1.076
1242	18.722	5.0556	-1.045
1243	18.677	5.2223	-1.006
1244	18.633	5.3891	-0.96

1245	18.591	5.5554	-0.91
1246	18.549	5.7221	-0.86
1247	18.51	5.8889	-0.814
1248	18.471	6.0556	-0.775
1249	18.434	6.1168	-0.747
1250	18.397	6.0721	-0.728
1251	18.362	5.9224	-0.72
1252	18.328	5.6667	-0.723
1253	18.294	5.3055	-0.737
1254	18.262	4.9443	-0.762
1255	18.23	4.5835	-0.797
1256	18.199	4.2223	-0.845
1257	18.167	3.8611	-0.906
1258	18.137	3.4999	-0.966
1259	18.107	3.1557	-1.021
1260	18.079	2.828	-1.073
1261	18.052	2.5168	-1.12
1262	18.028	2.2222	-1.161
1263	18.006	1.9446	-1.196
1264	17.986	1.6666	-1.223
1265	17.969	1.389	-1.238
1266	17.955	1.1109	-1.238
1267	17.945	0.83328	-1.238
1268	17.937	0.55567	-1.238
1269	17.932	0.33349	-1.238
1270	17.929	0.16675	-1.238
1271	17.928	0.055433	-1.238
1272	17.928	0	-1.238
1273	17.928	0	0
1274	17.928	0	0
1275	17.928	0	0
1276	17.928	0	0

1277	17.928	0	0
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1279	17.928	0	0
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1283	17.928	0	0
1284	17.928	0	0
1285	17.928	0	0
1286	17.928	0	0
1287	17.928	0	0
1288	17.928	0	0
1289	17.928	0	0
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1297	17.928	0	0
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1301	17.928	0	0
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1303	17.928	0	0
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1314	17.928	0	0
1315	17.928	0	0
1316	17.928	0	0
1317	17.928	0	0
1318	17.928	0	9.994
1319	17.931	0.066609	9.994
1320	17.941	0.13322	9.994
1321	17.959	0.22218	9.994
1322	17.987	0.33349	9.994
1323	18.026	0.44436	9.994
1324	18.077	0.55567	9.994
1325	18.138	0.66654	9.994
1326	18.211	0.77785	9.994
1327	18.295	0.88872	9.994
1328	18.389	0.98349	9.994
1329	18.492	1.0613	9.994
1330	18.602	1.1221	9.994
1331	18.717	1.1668	9.994
1332	18.836	1.1945	9.994
1333	18.958	1.2222	9.994
1334	19.083	1.2499	9.994
1335	19.21	1.2776	9.994
1336	19.34	1.3054	9.994
1337	19.473	1.3335	9.994
1338	19.609	1.3666	9.994
1339	19.749	1.4055	9.994
1340	19.893	1.4502	9.994

1341	20.041	1.4998	9.994
1342	20.195	1.5557	9.994
1343	20.355	1.6111	9.994
1344	20.52	1.6666	9.994
1345	20.69	1.722	9.994
1346	20.867	1.7779	9.994
1347	21.049	1.8333	9.994
1348	21.236	1.8887	9.994
1349	21.429	1.9446	9.994
1350	21.628	2.0001	9.994
1351	21.832	2.0555	9.994
1352	22.042	2.1109	9.994
1353	22.256	2.1668	9.912
1354	22.471	2.2222	9.703
1355	22.684	2.2777	9.373
1356	22.892	2.3335	8.929
1357	23.092	2.389	8.375
1358	23.281	2.4444	7.715
1359	23.457	2.4998	7.026
1360	23.62	2.5557	6.333
1361	23.769	2.6112	5.638
1362	23.905	2.6666	5.022
1363	24.03	2.722	4.53
1364	24.148	2.7779	4.155
1365	24.261	2.8333	3.892
1366	24.371	2.8888	3.735
1367	24.482	2.9447	3.678
1368	24.595	3.0054	3.646
1369	24.71	3.0721	3.65
1370	24.828	3.1445	3.69
1371	24.952	3.2223	3.763
1372	25.083	3.3054	3.87

1373	25.221	3.389	4.008
1374	25.369	3.4722	4.174
1375	25.526	3.5558	4.361
1376	25.695	3.6389	4.563
1377	25.875	3.7221	4.774
1378	26.067	3.8445	4.951
1379	26.271	4.0055	5.078
1380	26.487	4.2058	5.13
1381	26.714	4.4445	5.115
1382	26.95	4.7221	5.036
1383	27.195	5.0001	4.902
1384	27.444	5.2778	4.723
1385	27.695	5.5554	4.511
1386	27.945	5.8334	4.274
1387	28.193	6.111	4.021
1388	28.436	6.3609	3.77
1389	28.673	6.5831	3.537
1390	28.904	6.7776	3.315
1391	29.125	6.9443	3.099
1392	29.337	7.0833	2.889
1393	29.538	7.2224	2.681
1394	29.727	7.361	2.472
1395	29.905	7.5	2.261
1396	30.07	7.639	2.046
1397	30.221	7.7776	1.825
1398	30.357	7.9001	1.607
1399	30.478	8.0056	1.397
1400	30.584	8.0946	1.182
1401	30.673	8.1665	0.964
1402	30.744	8.2224	0.741
1403	30.797	8.2778	0.512
1404	30.831	8.3333	0.277

1405	30.845	8.3887	0.035
1406	30.838	8.4446	-0.214
1407	30.809	8.5	-0.471
1408	30.757	8.5501	-0.735
1409	30.685	8.5943	-0.981
1410	30.594	8.6332	-1.182
1411	30.49	8.6668	-1.338
1412	30.375	8.6945	-1.449
1413	30.254	8.7222	-1.516
1414	30.131	8.7499	-1.54
1415	30.01	8.7776	-1.52
1416	29.893	8.8053	-1.457
1417	29.785	8.8335	-1.35
1418	29.689	8.8666	-1.217
1419	29.605	8.9055	-1.08
1420	29.533	8.9502	-0.94
1421	29.473	8.9998	-0.798
1422	29.426	9.0557	-0.652
1423	29.392	9.1111	-0.504
1424	29.371	9.1666	-0.354
1425	29.365	9.222	-0.202
1426	29.372	9.2779	-0.05
1427	29.394	9.3333	0.099
1428	29.429	9.5112	0.241
1429	29.478	9.8112	0.381
1430	29.542	10.233	0.508
1431	29.621	10.778	0.622
1432	29.716	11.444	0.723
1433	29.827	12.111	0.81
1434	29.953	12.778	0.885
1435	30.095	13.444	0.949
1436	30.251	14.111	1.004

1437	30.422	14.778	1.053
1438	30.606	15.385	1.09
1439	30.801	15.933	1.113
1440	31.002	16.422	1.115
1441	31.206	16.852	1.097
1442	31.409	17.222	1.06
1443	31.607	17.592	1.005
1444	31.796	17.963	0.933
1445	31.972	18.333	0.843
1446	32.133	18.704	0.737
1447	32.273	18.961	0.613
1448	32.39	19.106	0.486
1449	32.484	19.137	0.361
1450	32.555	19.056	0.242
1451	32.604	18.861	0.126
1452	32.631	18.667	0.013
1453	32.637	18.472	-0.098
1454	32.623	18.278	-0.209
1455	32.589	18.083	-0.318
1456	32.535	17.889	-0.426
1457	32.464	17.761	-0.533
1458	32.374	17.7	-0.639
1459	32.266	17.636	-0.741
1460	32.14	17.57	-0.845
1461	31.996	17.5	-0.951
1462	31.834	17.361	-1.059
1463	31.655	17.153	-1.17
1464	31.458	16.945	-1.284
1465	31.244	16.736	-1.401
1466	31.013	16.528	-1.518
1467	30.766	16.361	-1.637
1468	30.5	16.236	-1.762

1469	30.217	16.153	-1.879
1470	29.918	16.111	-1.981
1471	29.606	16.111	-2.069
1472	29.282	16.111	-2.142
1473	28.949	16.111	-2.201
1474	28.608	16.111	-2.247
1475	28.262	16.111	-2.28
1476	27.912	16.111	-2.303
1477	27.56	16.078	-2.314
1478	27.208	16.011	-2.324
1479	26.856	15.911	-2.34
1480	26.501	15.778	-2.368
1481	26.144	15.611	-2.408
1482	25.783	15.444	-2.46
1483	25.415	15.278	-2.524
1484	25.04	15.111	-2.597
1485	24.657	14.945	-2.679
1486	24.266	14.778	-2.767
1487	23.864	14.666	-2.86
1488	23.451	14.611	-2.953
1489	23.027	14.611	-3.033
1490	22.594	14.666	-3.09
1491	22.154	14.778	-3.125
1492	21.708	14.889	-3.137
1493	21.26	15	-3.128
1494	20.813	15.111	-3.1
1495	20.37	15.222	-3.055
1496	19.933	15.333	-2.995
1497	19.504	15.422	-2.92
1498	19.085	15.489	-2.839
1499	18.677	15.533	-2.766
1500	18.277	15.556	-2.701

1501	17.886	15.556	-2.645
1502	17.503	15.556	-2.597
1503	17.126	15.556	-2.556
1504	16.754	15.556	-2.521
1505	16.386	15.556	-2.493
1506	16.022	15.556	-2.471
1507	15.661	15.556	-2.455
1508	15.302	15.556	-2.439
1509	14.946	15.556	-2.417
1510	14.595	15.556	-2.393
1511	14.247	15.556	-2.366
1512	13.904	15.556	-2.336
1513	13.566	15.556	-2.303
1514	13.234	15.556	-2.267
1515	12.908	15.556	-2.228
1516	12.588	15.556	-2.185
1517	12.276	15.578	-2.138
1518	11.97	15.622	-2.092
1519	11.669	15.689	-2.054
1520	11.372	15.778	-2.015
1521	11.08	15.889	-1.974
1522	10.793	16	-1.933
1523	10.51	16.111	-1.892
1524	10.232	16.222	-1.853
1525	9.9573	16.334	-1.818
1526	9.6855	16.444	-1.789
1527	9.4167	16.422	-1.767
1528	9.1528	16.266	-1.745
1529	8.8948	15.978	-1.731
1530	8.6461	15.556	-1.708
1531	8.4101	15	-1.676
1532	8.1892	14.444	-1.631

1533	7.985	13.889	-1.572
1534	7.7992	13.333	-1.496
1535	7.6337	12.778	-1.398
1536	7.4905	12.222	-1.276
1537	7.3722	11.606	-1.124
1538	7.2813	10.928	-0.937
1539	7.2195	10.189	-0.716
1540	7.1878	9.3887	-0.454
1541	7.1875	8.5277	-0.134
1542	7.2201	7.6667	0.272
1543	7.2868	6.8057	0.792
1544	7.3866	5.9443	1.434
1545	7.5134	5.0833	2.17
1546	7.6561	4.2223	2.939
1547	7.8059	3.6554	3.674
1548	7.9629	3.3832	4.336
1549	8.1334	3.4056	4.897
1550	8.3268	3.7221	5.303
1551	8.5549	4.3332	5.543
1552	8.8201	4.9443	5.595
1553	9.1132	5.5554	5.461
1554	9.4237	6.1665	5.173
1555	9.7422	6.7776	4.796
1556	10.062	7.3887	4.395
1557	10.379	7.9609	3.998
1558	10.688	8.4942	3.627
1559	10.987	8.9891	3.297
1560	11.275	9.4446	2.99
1561	11.548	9.8613	2.697
1562	11.804	10.278	2.413
1563	12.041	10.695	2.13
1564	12.256	11.111	1.847

1565	12.448	11.528	1.56
1566	12.612	11.944	1.266
1567	12.744	12.256	0.963
1568	12.843	12.461	0.67
1569	12.908	12.561	0.391
1570	12.94	12.556	0.122
1571	12.938	12.444	-0.141
1572	12.905	12.333	-0.401
1573	12.84	12.222	-0.661
1574	12.744	12.111	-0.922
1575	12.617	12	-1.184
1576	12.459	11.889	-1.446
1577	12.273	11.822	-1.706
1578	12.056	11.8	-1.966
1579	11.812	11.822	-2.2
1580	11.542	11.889	-2.407
1581	11.249	12	-2.586
1582	10.934	12.111	-2.737
1583	10.602	12.222	-2.861
1584	10.255	12.333	-2.959
1585	9.8957	12.444	-3.034
1586	9.5264	12.556	-3.086
1587	9.1501	12.633	-3.12
1588	8.7674	12.678	-3.156
1589	8.3794	12.689	-3.191
1590	7.9881	12.666	-3.219
1591	7.5952	12.611	-3.241
1592	7.2021	12.556	-3.256
1593	6.81	12.5	-3.262
1594	6.42	12.444	-3.259
1595	6.0335	12.389	-3.245
1596	5.6521	12.333	-3.218

1597	5.2771	12.298	-3.177
1598	4.909	12.281	-3.127
1599	4.5477	12.285	-3.074
1600	4.1927	12.307	-3.019
1601	3.8437	12.35	-2.962
1602	3.5007	12.393	-2.904
1603	3.1638	12.436	-2.846
1604	2.833	12.479	-2.787
1605	2.5083	12.521	-2.729
1606	2.1895	12.564	-2.673
1607	1.8766	12.607	-2.618
1608	1.5688	12.649	-2.568
1609	1.2659	12.692	-2.522
1610	0.96837	12.71	-2.474
1611	0.67692	12.702	-2.425
1612	0.39227	12.669	-2.375
1613	0.11522	12.611	-2.323
1614	-0.15376	12.528	-2.271
1615	-0.41409	12.444	-2.216
1616	-0.66549	12.361	-2.158
1617	-0.90782	12.278	-2.098
1618	-1.1406	12.194	-2.033
1619	-1.3644	12.111	-1.973
1620	-1.5805	12.02	-1.922
1621	-1.7899	11.92	-1.88
1622	-1.9936	11.813	-1.847
1623	-2.1926	11.698	-1.824
1624	-2.388	11.574	-1.81
1625	-2.5811	11.45	-1.808
1626	-2.7735	11.327	-1.82
1627	-2.9676	11.204	-1.854
1628	-3.1656	11.08	-1.908

1629	-3.3683	10.765	-1.987
1630	-3.5746	10.257	-2.093
1631	-3.7831	9.5582	-2.236
1632	-3.993	8.6668	-2.434
1633	-4.2033	7.5831	-2.72
1634	-4.4053	6.5	-3.001
1635	-4.5926	5.4168	-3.275
1636	-4.7584	4.3332	-3.535
1637	-4.8966	3.25	-3.776
1638	-5.001	2.1668	-3.99
1639	-5.0732	1.4055	-4.175
1640	-5.1228	0.9665	-4.321
1641	-5.1614	0.84982	-4.385
1642	-5.2005	1.0555	-4.231
1643	-5.2513	1.5834	-3.99
1644	-5.317	2.1109	-3.685
1645	-5.3929	2.6389	-3.33
1646	-5.4744	3.1668	-2.938
1647	-5.5561	3.6943	-2.514
1648	-5.6326	4.2223	-2.064
1649	-5.6977	4.7221	-1.587
1650	-5.7456	5.1946	-1.095
1651	-5.7762	5.639	-0.696
1652	-5.7892	6.0556	-0.353
1653	-5.7839	6.4445	-0.046
1654	-5.7595	6.8335	0.237
1655	-5.7148	7.2224	0.506
1656	-5.6483	7.6113	0.766
1657	-5.5585	7.9998	1.02
1658	-5.4442	8.3887	1.265
1659	-5.3058	8.7611	1.483
1660	-5.146	9.1165	1.658

1661	-4.9672	9.4553	1.795
1662	-4.7723	9.7777	1.897
1663	-4.564	10.083	1.967
1664	-4.3452	10.389	2.008
1665	-4.1183	10.695	2.022
1666	-3.8859	11	2.012
1667	-3.6507	11.306	1.979
1668	-3.4143	11.611	1.933
1669	-3.1777	11.856	1.886
1670	-2.9424	12.039	1.84
1671	-2.7094	12.161	1.795
1672	-2.4801	12.222	1.751
1673	-2.2554	12.222	1.708
1674	-2.0361	12.222	1.664
1675	-1.8223	12.222	1.619
1676	-1.6144	12.222	1.571
1677	-1.4128	12.222	1.519
1678	-1.2171	12.222	1.471
1679	-1.0282	12.206	1.416
1680	-0.84728	12.172	1.354
1681	-0.67559	12.122	1.283
1682	-0.51416	12.055	1.205
1683	-0.36406	11.972	1.119
1684	-0.22621	11.889	1.025
1685	-0.10152	11.805	0.922
1686	0.009114	11.722	0.81
1687	0.10472	11.639	0.688
1688	0.18537	11.556	0.565
1689	0.25316	11.483	0.458
1690	0.30933	11.422	0.36
1691	0.35521	11.372	0.272
1692	0.39205	11.333	0.194

1693	0.42108	11.306	0.126
1694	0.4436	11.278	0.069
1695	0.46078	11.25	0.022
1696	0.47398	11.222	-0.013
1697	0.48435	11.194	-0.038
1698	0.49133	11.167	-0.068
1699	0.49451	11.144	-0.102
1700	0.49457	11.128	-0.13
1701	0.49206	11.117	-0.153
1702	0.48756	11.111	-0.171
1703	0.48162	11.111	-0.184
1704	0.47478	11.111	-0.192
1705	0.46761	11.111	-0.195
1706	0.46067	11.111	-0.193
1707	0.45461	11.111	-0.185
1708	0.45022	11.111	-0.17
1709	0.4475	11.1	-0.155
1710	0.44655	11.078	-0.139
1711	0.44749	11.045	-0.122
1712	0.4503	11	-0.105
1713	0.45507	10.944	-0.087
1714	0.462	10.889	-0.067
1715	0.47107	10.833	-0.047
1716	0.48236	10.778	-0.026
1717	0.49596	10.722	-0.004
1718	0.51195	10.667	0.019
1719	0.53096	10.633	0.048
1720	0.55333	10.622	0.08
1721	0.57942	10.633	0.115
1722	0.60961	10.667	0.153
1723	0.64431	10.722	0.194
1724	0.68382	10.778	0.237

1725	0.72849	10.833	0.283
1726	0.77862	10.889	0.331
1727	0.83456	10.944	0.382
1728	0.89584	11	0.428
1729	0.96165	11.066	0.466
1730	1.0312	11.144	0.496
1731	1.1038	11.233	0.518
1732	1.1784	11.333	0.531
1733	1.2542	11.444	0.535
1734	1.3304	11.556	0.532
1735	1.406	11.667	0.521
1736	1.4803	11.778	0.503
1737	1.5522	11.889	0.477
1738	1.6216	12	0.451
1739	1.6886	12.083	0.426
1740	1.753	12.139	0.401
1741	1.8146	12.167	0.376
1742	1.873	12.167	0.35
1743	1.9284	12.139	0.325
1744	1.9805	12.111	0.299
1745	2.0293	12.083	0.273
1746	2.0747	12.055	0.246
1747	2.1167	12.028	0.218
1748	2.1552	12	0.19
1749	2.1906	11.989	0.165
1750	2.2233	11.995	0.142
1751	2.2536	12.016	0.122
1752	2.2818	12.055	0.104
1753	2.3084	12.111	0.089
1754	2.3335	12.167	0.077
1755	2.3577	12.222	0.068
1756	2.3812	12.278	0.061

1757	2.4043	12.333	0.057
1758	2.427	12.389	0.053
1759	2.4492	12.434	0.049
1760	2.4711	12.467	0.045
1761	2.4924	12.489	0.04
1762	2.5132	12.5	0.036
1763	2.5335	12.5	0.032
1764	2.5531	12.5	0.027
1765	2.5722	12.5	0.022
1766	2.5906	12.5	0.017
1767	2.6083	12.5	0.011
1768	2.6253	12.5	0.005
1769	2.6415	12.399	0
1770	2.6567	12.197	-0.007
1771	2.6706	11.894	-0.015
1772	2.6832	11.49	-0.023
1773	2.6941	10.985	-0.033
1774	2.7034	10.48	-0.044
1775	2.711	9.9748	-0.056
1776	2.7168	9.4696	-0.071
1777	2.7208	8.9645	-0.087
1778	2.723	8.4598	-0.106
1779	2.7232	7.9546	-0.127
1780	2.7218	7.4888	-0.149
1781	2.7188	7.0623	-0.172
1782	2.7142	6.6752	-0.198
1783	2.708	6.327	-0.225
1784	2.7003	6.0185	-0.255
1785	2.6912	5.71	-0.286
1786	2.6808	5.4011	-0.318
1787	2.6694	5.0927	-0.348
1788	2.6574	4.7838	-0.373

1789	2.645	4.6483	-0.393
1790	2.6322	4.685	-0.406
1791	2.6187	4.8951	-0.412
1792	2.6044	5.2778	-0.411
1793	2.5892	5.8334	-0.404
1794	2.5733	6.3891	-0.391
1795	2.5571	6.9443	-0.374
1796	2.5409	7.5	-0.354
1797	2.525	8.0557	-0.335
1798	2.5094	8.6109	-0.318
1799	2.494	9.0999	-0.304
1800	2.4789	9.5224	-0.293
1801	2.464	9.8778	-0.284
1802	2.4493	10.167	-0.277
1803	2.4348	10.389	-0.272
1804	2.4203	10.611	-0.268
1805	2.4059	10.833	-0.265
1806	2.3914	11.056	-0.263
1807	2.3767	11.278	-0.262
1808	2.3618	11.5	-0.262
1809	2.3465	11.683	-0.262
1810	2.3309	11.828	-0.263
1811	2.3149	11.933	-0.265
1812	2.2986	12	-0.267
1813	2.2819	12.028	-0.27
1814	2.2647	12.055	-0.273
1815	2.247	12.083	-0.277
1816	2.2288	12.111	-0.281
1817	2.2101	12.139	-0.285
1818	2.1907	12.167	-0.29
1819	2.1708	12.211	-0.294
1820	2.1504	12.272	-0.297

1821	2.1296	12.35	-0.299
1822	2.1086	12.444	-0.3
1823	2.0874	12.556	-0.3
1824	2.066	12.666	-0.3
1825	2.0447	12.778	-0.298
1826	2.0235	12.889	-0.296
1827	2.0025	13	-0.293
1828	1.9818	13.111	-0.289
1829	1.9613	13.2	-0.286
1830	1.9411	13.267	-0.283
1831	1.9211	13.311	-0.281
1832	1.9013	13.333	-0.279
1833	1.8815	13.333	-0.279
1834	1.8616	13.333	-0.28
1835	1.8415	13.333	-0.281
1836	1.8212	13.333	-0.283
1837	1.8005	13.333	-0.286
1838	1.7791	13.333	-0.291
1839	1.757	13.289	-0.296
1840	1.7343	13.2	-0.302
1841	1.7109	13.067	-0.309
1842	1.6868	12.889	-0.316
1843	1.6619	12.666	-0.325
1844	1.6363	12.444	-0.335
1845	1.6098	12.222	-0.345
1846	1.5825	12	-0.356
1847	1.5544	11.778	-0.367
1848	1.5255	11.556	-0.378
1849	1.4958	11.389	-0.389
1850	1.4653	11.278	-0.4
1851	1.434	11.222	-0.409
1852	1.4017	11.222	-0.418

1853	1.3685	11.278	-0.426
1854	1.3341	11.333	-0.434
1855	1.299	11.389	-0.44
1856	1.263	11.444	-0.446
1857	1.2261	11.5	-0.452
1858	1.1884	11.556	-0.457
1859	1.1503	11.617	-0.46
1860	1.1116	11.683	-0.462
1861	1.0727	11.755	-0.463
1862	1.0336	11.833	-0.462
1863	0.99457	11.917	-0.459
1864	0.95576	12	-0.455
1865	0.91729	12.083	-0.45
1866	0.87927	12.167	-0.444
1867	0.84186	12.25	-0.437
1868	0.80504	12.333	-0.43
1869	0.76888	12.395	-0.423
1870	0.73356	12.434	-0.415
1871	0.69903	12.45	-0.408
1872	0.66548	12.444	-0.4
1873	0.63298	12.417	-0.392
1874	0.60166	12.389	-0.383
1875	0.57152	12.361	-0.374
1876	0.54269	12.333	-0.364
1877	0.51516	12.306	-0.354
1878	0.48904	12.278	-0.343
1879	0.4642	12.25	-0.333
1880	0.44065	12.222	-0.323
1881	0.41836	12.194	-0.313
1882	0.39735	12.167	-0.303
1883	0.37748	12.139	-0.294
1884	0.35887	12.111	-0.284

1885	0.34139	12.083	-0.275
1886	0.32515	12.055	-0.265
1887	0.31004	12.028	-0.256
1888	0.29616	12	-0.246
1889	0.28351	11.983	-0.236
1890	0.27195	11.978	-0.227
1891	0.26158	11.983	-0.217
1892	0.25241	12	-0.207
1893	0.2443	12.028	-0.198
1894	0.23737	12.055	-0.188
1895	0.23152	12.083	-0.179
1896	0.22674	12.111	-0.17
1897	0.22304	12.139	-0.161
1898	0.22042	12.167	-0.152
1899	0.21878	12.178	-0.144
1900	0.21786	12.172	-0.138
1901	0.21768	12.15	-0.132
1902	0.21798	12.111	-0.128
1903	0.21852	12.055	-0.126
1904	0.2193	12	-0.124
1905	0.22008	11.944	-0.124
1906	0.22062	11.889	-0.126
1907	0.22091	11.833	-0.128
1908	0.22073	11.778	-0.132
1909	0.2202	11.728	-0.135
1910	0.21909	11.683	-0.14
1911	0.2174	11.644	-0.145
1912	0.21489	11.611	-0.152
1913	0.2117	11.583	-0.158
1914	0.2076	11.556	-0.166
1915	0.20246	11.528	-0.175
1916	0.1963	11.5	-0.184

1917	0.189	11.472	-0.194
1918	0.18058	11.444	-0.204
1919	0.17114	11.433	-0.213
1920	0.16056	11.439	-0.223
1921	0.14894	11.461	-0.232
1922	0.13625	11.5	-0.241
1923	0.12247	11.556	-0.25
1924	0.10759	11.611	-0.259
1925	0.0917	11.667	-0.267
1926	0.074683	11.722	-0.276
1927	0.056646	11.778	-0.284
1928	0.037579	11.833	-0.292
1929	0.017487	11.872	-0.3
1930	-0.0034877	11.894	-0.307
1931	-0.02532	11.9	-0.314
1932	-0.047861	11.889	-0.32
1933	-0.071078	11.861	-0.326
1934	-0.094832	11.833	-0.331
1935	-0.11912	11.805	-0.336
1936	-0.14371	11.778	-0.339
1937	-0.16871	11.75	-0.343
1938	-0.194	11.722	-0.346
1939	-0.21958	11.695	-0.349
1940	-0.24546	11.667	-0.352
1941	-0.27162	11.639	-0.355
1942	-0.29818	11.611	-0.359
1943	-0.32515	11.583	-0.363
1944	-0.35251	11.556	-0.367
1945	-0.38038	11.528	-0.372
1946	-0.40877	11.5	-0.377
1947	-0.438	11.472	-0.385
1948	-0.46831	11.444	-0.395

1949	-0.49994	11.272	-0.409
1950	-0.53267	10.956	-0.425
1951	-0.56651	10.494	-0.446
1952	-0.60111	9.889	-0.47
1953	-0.63627	9.1388	-0.5
1954	-0.67189	8.3887	-0.537
1955	-0.70791	7.639	-0.58
1956	-0.74391	6.8889	-0.626
1957	-0.77898	6.1388	-0.669
1958	-0.81204	5.3891	-0.704
1959	-0.84268	4.8835	-0.727
1960	-0.87146	4.6224	-0.736
1961	-0.89916	4.6054	-0.731
1962	-0.9266	4.8334	-0.712
1963	-0.95446	5.3055	-0.68
1964	-0.98236	5.7775	-0.634
1965	-1.0093	6.2501	-0.579
1966	-1.0345	6.7221	-0.519
1967	-1.0575	7.1942	-0.46
1968	-1.0779	7.6667	-0.405
1969	-1.0958	8.0999	-0.358
1970	-1.1112	8.4942	-0.316
1971	-1.1242	8.8501	-0.28
1972	-1.1346	9.1666	-0.247
1973	-1.1427	9.4446	-0.217
1974	-1.1484	9.7222	-0.19
1975	-1.1518	9.9998	-0.165
1976	-1.1529	10.278	-0.141
1977	-1.1517	10.556	-0.119
1978	-1.1483	10.833	-0.099
1979	-1.1428	11.045	-0.08
1980	-1.1354	11.189	-0.064

1981	-1.1262	11.267	-0.049
1982	-1.1155	11.278	-0.035
1983	-1.1034	11.222	-0.023
1984	-1.0901	11.167	-0.012
1985	-1.0758	11.111	-0.002
1986	-1.0606	11.056	0.007
1987	-1.0445	11	0.015
1988	-1.0276	10.944	0.024
1989	-1.0099	10.928	0.031
1990	-0.99137	10.95	0.039
1991	-0.972	11.011	0.046
1992	-0.95181	11.111	0.052
1993	-0.93074	11.25	0.058
1994	-0.90883	11.389	0.063
1995	-0.88609	11.528	0.068
1996	-0.86261	11.667	0.072
1997	-0.83837	11.805	0.076
1998	-0.81326	11.944	0.081
1999	-0.78732	12.022	0.086
2000	-0.76067	12.039	0.091
2001	-0.73345	11.995	0.096
2002	-0.70581	11.889	0.101
2003	-0.67789	11.722	0.106
2004	-0.64979	11.556	0.111
2005	-0.62139	11.389	0.117
2006	-0.59285	11.222	0.122
2007	-0.56417	11.056	0.127
2008	-0.53537	10.889	0.132
2009	-0.5065	10.772	0.136
2010	-0.47756	10.706	0.139
2011	-0.44841	10.689	0.142
2012	-0.41914	10.722	0.143

2013	-0.38959	10.805	0.144
2014	-0.35971	10.889	0.145
2015	-0.3297	10.972	0.144
2016	-0.29958	11.056	0.143
2017	-0.26934	11.139	0.142
2018	-0.23899	11.222	0.141
2019	-0.20866	11.289	0.139
2020	-0.1784	11.339	0.137
2021	-0.14825	11.372	0.135
2022	-0.11826	11.389	0.133
2023	-0.088595	11.389	0.13
2024	-0.05927	11.389	0.127
2025	-0.030287	11.389	0.124
2026	-0.0016453	11.389	0.121
2027	0.026541	11.389	0.117
2028	0.054271	11.389	0.113
2029	0.081646	11.378	0.11
2030	0.10875	11.356	0.108
2031	0.13557	11.322	0.106
2032	0.16218	11.278	0.105
2033	0.18856	11.222	0.104
2034	0.21481	11.167	0.104
2035	0.24104	11.111	0.105
2036	0.26736	11.056	0.107
2037	0.29377	11	0.109
2038	0.32038	10.944	0.112
2039	0.34703	10.855	0.114
2040	0.37374	10.733	0.117
2041	0.40043	10.578	0.12
2042	0.4269	10.389	0.122
2043	0.45316	10.167	0.125
2044	0.47915	9.9444	0.128

2045	0.50477	9.7222	0.13
2046	0.53009	9.5	0.133
2047	0.55511	9.2779	0.136
2048	0.57982	9.0557	0.139
2049	0.60426	8.7557	0.144
2050	0.62829	8.378	0.15
2051	0.6518	7.922	0.158
2052	0.67465	7.3887	0.168
2053	0.69679	6.7776	0.182
2054	0.71811	6.1665	0.199
2055	0.73877	5.5554	0.222
2056	0.7588	4.9443	0.251
2057	0.77816	4.3332	0.287
2058	0.79639	3.7221	0.322
2059	0.81315	3.1834	0.355
2060	0.82836	2.7167	0.385
2061	0.84205	2.3224	0.413
2062	0.85434	2.0001	0.438
2063	0.86537	1.7502	0.458
2064	0.87518	1.4998	0.473
2065	0.88359	1.2499	0.481
2066	0.89046	1	0.481
2067	0.89582	0.75013	0.481
2068	0.89964	0.49979	0.481
2069	0.90208	0.29996	0.481
2070	0.90346	0.15021	0.481
2071	0.90407	0.050068	0.481
2072	0.90422	0	0.481
2073	0.90422	0	0
2074	0.90422	0	0
2075	0.90422	0	0
2076	0.90422	0	0

2077	0.90422	0	0
2078	0.90422	0	0
2079	0.90422	0	0
2080	0.90422	0	0
2081	0.90422	0	0
2082	0.90422	0	0
2083	0.90422	0	0
2084	0.90422	0	0
2085	0.90422	0	0
2086	0.90422	0	0
2087	0.90422	0	0
2088	0.90422	0	0
2089	0.90422	0	0
2090	0.90422	0	0
2091	0.90422	0	0
2092	0.90422	0	0
2093	0.90422	0	0
2094	0.90422	0	0
2095	0.90422	0	0
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2097	0.90422	0	0
2098	0.90422	0	0
2099	0.90422	0	0
2100	0.90422	0	0
2101	0.90422	0	0
2102	0.90422	0	0
2103	0.90422	0	0
2104	0.90422	0	0
2105	0.90422	0	0
2106	0.90422	0	0
2107	0.90422	0	0
2108	0.90422	0	0

2109	0.90422	0	0
2110	0.90422	0	0
2111	0.90422	0	0
2112	0.90422	0	0
2113	0.90422	0	0
2114	0.90422	0	0
2115	0.90422	0	0
2116	0.90422	0	0
2117	0.90422	0	0
2118	0.90422	0	2.134
2119	0.90554	0.11668	2.134
2120	0.90951	0.23335	2.134
2121	0.91655	0.38892	2.134
2122	0.92756	0.58339	2.134
2123	0.94297	0.77785	2.134
2124	0.96278	0.97231	2.134
2125	0.98699	1.1668	2.134
2126	1.0156	1.3612	2.134
2127	1.0452	1.5557	1.898
2128	1.0748	1.7609	1.658
2129	1.1037	1.9777	1.415
2130	1.1309	2.2057	1.168
2131	1.1553	2.4444	0.919
2132	1.1758	2.6943	0.669
2133	1.191	2.9447	0.409
2134	1.1993	3.1945	0.14
2135	1.1991	3.4444	-0.137
2136	1.197	3.6943	-0.189
2137	1.1926	3.9442	-0.248
2138	1.185	4.0833	-0.318
2139	1.1738	4.111	-0.404
2140	1.1584	4.0278	-0.51

2141	1.1383	3.8334	-0.641
2142	1.1138	3.5276	-0.797
2143	1.0863	3.2223	-0.945
2144	1.0571	2.9165	-1.083
2145	1.0272	2.6112	-1.212
2146	0.99771	2.3054	-1.329
2147	0.9697	2.0001	-1.432
2148	0.94355	1.7779	-1.515
2149	0.91884	1.6388	-1.577
2150	0.89499	1.5834	-1.611
2151	0.87135	1.6111	-1.611
2152	0.84667	1.722	-1.611
2153	0.81999	1.8333	-1.632
2154	0.79159	1.9446	-1.634
2155	0.76182	2.0555	-1.619
2156	0.73104	2.1668	-1.589
2157	0.69956	2.2777	-1.547
2158	0.66791	2.372	-1.492
2159	0.63668	2.4498	-1.426
2160	0.60644	2.511	-1.35
2161	0.57775	2.5557	-1.263
2162	0.55199	2.5834	-1.133
2163	0.5293	2.6112	-1.004
2164	0.50979	2.6389	-0.874
2165	0.49357	2.6666	-0.742
2166	0.48082	2.6943	-0.606
2167	0.47176	2.722	-0.465
2168	0.46653	2.7667	-0.321
2169	0.46532	2.828	-0.174
2170	0.46834	2.9058	-0.025
2171	0.47559	3.0001	0.115
2172	0.48682	3.111	0.237

2173	0.50169	3.2223	0.339
2174	0.51973	3.3331	0.42
2175	0.54052	3.4444	0.483
2176	0.56364	3.5558	0.53
2177	0.58864	3.6666	0.562
2178	0.61494	3.7247	0.581
2179	0.64175	3.7297	0.589
2180	0.66838	3.6814	0.588
2181	0.69443	3.5803	0.587
2182	0.71953	3.4261	0.586
2183	0.74345	3.2714	0.584
2184	0.76612	3.1172	0.579
2185	0.78747	2.963	0.572
2186	0.80737	2.8088	0.559
2187	0.82588	2.663	0.546
2188	0.84301	2.5258	0.53
2189	0.85883	2.3975	0.512
2190	0.8734	2.2777	0.493
2191	0.8869	2.1668	0.477
2192	0.89947	2.0555	0.465
2193	0.9112	1.9446	0.456
2194	0.92219	1.8333	0.451
2195	0.93253	1.722	0.451
2196	0.94222	1.6111	0.451
2197	0.95125	1.4945	0.451
2198	0.95958	1.3724	0.451
2199	0.96719	1.2446	0.451
2200	0.97404	1.1109	0.451
2201	0.98009	0.97231	0.451
2202	0.98534	0.83328	0.451
2203	0.98978	0.69425	0.451
2204	0.99342	0.55567	0.451

2205	0.99625	0.41664	0.451
2206	0.99826	0.27761	0.451
2207	0.99956	0.16675	0.451
2208	1.0003	0.083149	0.451
2209	1.0005	0	0.451
2210	1.0005	0	0
2211	1.0005	0	0
2212	1.0005	0	0
2213	1.0005	0	0
2214	1.0005	0	0
2215	1.0005	0	0
2216	1.0005	0	0
2217	1.0005	0	0
2218	1.0005	0	0
2219	1.0005	0	0
2220	1.0005	0	0
2221	1.0005	0	0
2222	1.0005	0	0
2223	1.0005	0	0
2224	1.0005	0	0
2225	1.0005	0	0
2226	1.0005	0	0
2227	1.0005	0	0
2228	1.0005	0	0
2229	1.0005	0	0
2230	1.0005	0	0
2231	1.0005	0	0
2232	1.0005	0	0
2233	1.0005	0	0
2234	1.0005	0	0
2235	1.0005	0	0
2236	1.0005	0	0

2237	1.0005	0	0
2238	1.0005	0	0
2239	1.0005	0	0
2240	1.0005	0	0
2241	1.0005	0	0
2242	1.0005	0	0
2243	1.0005	0	0
2244	1.0005	0	0
2245	1.0005	0	0
2246	1.0005	0	0
2247	1.0005	0	0
2248	1.0005	0	0
2249	1.0005	0	0
2250	1.0005	0	0
2251	1.0005	0	0
2252	1.0005	0	0
2253	1.0005	0	0
2254	1.0005	0	0
2255	1.0005	0	-0.644
2256	1.0003	0.088961	-0.644
2257	0.99938	0.26688	-0.644
2258	0.99733	0.53332	-0.644
2259	0.99388	0.88872	-0.616
2260	0.9889	1.3335	-0.578
2261	0.98263	1.7779	-0.534
2262	0.97552	2.2222	-0.486
2263	0.9681	2.6666	-0.434
2264	0.96092	3.111	-0.379
2265	0.95457	3.5558	-0.321
2266	0.94962	3.9666	-0.262
2267	0.94669	4.3443	-0.201
2268	0.94504	4.689	-0.167

2269	0.94453	5.0001	-0.141
2270	0.94512	5.2778	-0.119
2271	0.94667	5.5554	-0.102
2272	0.9492	5.8334	-0.086
2273	0.95263	6.111	-0.073
2274	0.95698	6.3891	-0.061
2275	0.96221	6.6113	-0.05
2276	0.9682	6.7776	-0.041
2277	0.97486	6.8889	-0.033
2278	0.98202	6.9443	-0.027
2279	0.98955	6.9443	-0.022
2280	0.99729	6.9443	-0.019
2281	1.0052	6.9443	-0.016
2282	1.0133	6.9443	-0.014
2283	1.0215	6.9443	-0.013
2284	1.0297	6.9443	-0.013
2285	1.0378	6.8943	-0.013
2286	1.0458	6.7946	-0.013
2287	1.0537	6.6444	-0.013
2288	1.0613	6.4445	-0.014
2289	1.0687	6.1946	-0.014
2290	1.0758	5.9443	-0.014
2291	1.0825	5.6944	-0.015
2292	1.0889	5.4445	-0.016
2293	1.095	5.1946	-0.016
2294	1.1007	4.9443	-0.017
2295	1.1062	4.7628	-0.017
2296	1.1115	4.6501	-0.018
2297	1.1167	4.6054	-0.018
2298	1.1219	4.6295	-0.018
2299	1.1272	4.7221	-0.018
2300	1.1325	4.8146	-0.018

2301	1.138	4.9076	-0.018
2302	1.1436	5.0001	-0.018
2303	1.1493	5.0927	-0.017
2304	1.1551	5.1275	-0.017
2305	1.1609	5.1056	-0.017
2306	1.1666	5.0261	-0.018
2307	1.1722	4.8888	-0.017
2308	1.1777	4.6944	-0.017
2309	1.183	4.4999	-0.015
2310	1.1882	4.3054	-0.013
2311	1.1932	4.111	-0.01
2312	1.1982	3.9165	-0.007
2313	1.2031	3.7221	-0.003
2314	1.2079	3.6166	0.002
2315	1.2129	3.6	0.007
2316	1.2181	3.6724	0.013
2317	1.2237	3.8334	0.018
2318	1.2298	4.0833	0.024
2319	1.2365	4.3332	0.03
2320	1.244	4.5835	0.036
2321	1.2521	4.8334	0.042
2322	1.2609	5.0833	0.048
2323	1.2705	5.3332	0.054
2324	1.281	5.6054	0.06
2325	1.2922	5.9	0.065
2326	1.3043	6.2165	0.07
2327	1.3175	6.5554	0.075
2328	1.3316	6.9166	0.079
2329	1.3467	7.2778	0.082
2330	1.3627	7.639	0.085
2331	1.3798	7.9998	0.088
2332	1.3979	8.361	0.091

2333	1.4171	8.7222	0.094
2334	1.4373	8.9998	0.097
2335	1.4582	9.1943	0.1
2336	1.4799	9.3056	0.104
2337	1.5022	9.3333	0.108
2338	1.5247	9.2779	0.112
2339	1.5476	9.222	0.117
2340	1.5707	9.1666	0.121
2341	1.5942	9.1111	0.126
2342	1.6179	9.0557	0.131
2343	1.642	8.9998	0.136
2344	1.6663	8.8666	0.142
2345	1.6909	8.6556	0.15
2346	1.7155	8.3668	0.158
2347	1.7399	7.9998	0.168
2348	1.7639	7.5554	0.178
2349	1.7874	7.1111	0.191
2350	1.8106	6.6667	0.205
2351	1.8331	6.2223	0.219
2352	1.8549	5.7775	0.233
2353	1.8758	5.3332	0.245
2354	1.8957	5.039	0.254
2355	1.9151	4.8946	0.26
2356	1.9344	4.9	0.263
2357	1.9539	5.0556	0.263
2358	1.9742	5.3609	0.259
2359	1.9954	5.6667	0.253
2360	2.0172	5.972	0.244
2361	2.0395	6.2778	0.234
2362	2.0623	6.5831	0.224
2363	2.0856	6.8889	0.215
2364	2.1093	7.1446	0.208

2365	2.1333	7.3498	0.201
2366	2.1576	7.5054	0.196
2367	2.182	7.6113	0.192
2368	2.2064	7.6667	0.189
2369	2.2308	7.7222	0.187
2370	2.2553	7.7776	0.186
2371	2.2799	7.8335	0.185
2372	2.3049	7.8889	0.187
2373	2.3303	7.9443	0.19
2374	2.356	7.8277	0.196
2375	2.3819	7.5389	0.206
2376	2.4076	7.078	0.222
2377	2.433	6.4445	0.245
2378	2.4578	5.639	0.279
2379	2.4809	4.8334	0.312
2380	2.502	4.0278	0.345
2381	2.5204	3.2223	0.377
2382	2.5356	2.4167	0.407
2383	2.5469	1.6111	0.434
2384	2.5545	0.9665	0.457
2385	2.5589	0.48325	0.474
2386	2.5609	0.16093	0.485
2387	2.5614	0	0.485
2388	2.5614	0	0
2389	2.5614	0	0
2390	2.5614	0	0
2391	2.5614	0	0
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2429	2.5614	0	0
2430	2.5614	0	0
2431	2.5614	0	0
2432	2.5614	0	0
2433	2.5614	0	-0.043
2434	2.5614	0.13322	-0.043
2435	2.5616	0.26688	-0.043
2436	2.5619	0.44436	-0.043
2437	2.5624	0.66654	-0.043
2438	2.5631	0.88872	-0.043
2439	2.5639	1.1109	-0.043
2440	2.5654	1.3335	-0.01
2441	2.5676	1.5557	0.024
2442	2.5707	1.7779	0.056
2443	2.5749	2.0389	0.088
2444	2.5804	2.3389	0.119
2445	2.5874	2.6778	0.15
2446	2.5963	3.0555	0.18
2447	2.6074	3.4722	0.209
2448	2.621	3.8888	0.238
2449	2.6359	4.3054	0.233
2450	2.6521	4.7221	0.229
2451	2.6696	5.1387	0.225
2452	2.6885	5.5554	0.222
2453	2.7086	5.9166	0.221
2454	2.7299	6.2223	0.221
2455	2.7524	6.4722	0.223
2456	2.7759	6.6667	0.228
2457	2.8006	6.8057	0.236
2458	2.8264	6.9443	0.245
2459	2.8535	7.0833	0.256
2460	2.8821	7.2224	0.269

2461	2.9123	7.361	0.283
2462	2.9442	7.5	0.299
2463	2.9779	7.6167	0.316
2464	3.0134	7.711	0.332
2465	3.0505	7.7834	0.349
2466	3.0894	7.8335	0.367
2467	3.1299	7.8612	0.386
2468	3.1721	7.8889	0.405
2469	3.216	7.9166	0.425
2470	3.2617	7.9443	0.446
2471	3.3093	7.9721	0.468
2472	3.359	7.9998	0.492
2473	3.4109	7.9998	0.518
2474	3.4649	7.9721	0.546
2475	3.521	7.9166	0.576
2476	3.5793	7.8335	0.609
2477	3.6397	7.7222	0.646
2478	3.7023	7.6113	0.686
2479	3.7672	7.5	0.729
2480	3.8347	7.3887	0.776
2481	3.905	7.2778	0.828
2482	3.9782	7.1665	0.884
2483	4.0546	7.0333	0.945
2484	4.1339	6.8777	1.01
2485	4.2153	6.6998	1.069
2486	4.2982	6.5	1.125
2487	4.3816	6.2778	1.175
2488	4.4649	6.0556	1.22
2489	4.5475	5.8334	1.259
2490	4.6289	5.6112	1.292
2491	4.7084	5.3891	1.316
2492	4.7855	5.1664	1.331

2493	4.8598	4.9612	1.336
2494	4.9312	4.7722	1.336
2495	4.9996	4.6	1.329
2496	5.0649	4.4445	1.315
2497	5.1272	4.3054	1.294
2498	5.1863	4.1669	1.264
2499	5.2418	4.0278	1.225
2500	5.2935	3.8888	1.176
2501	5.3412	3.7498	1.116
2502	5.3843	3.6112	1.043
2503	5.4232	3.5222	0.96
2504	5.4582	3.4833	0.867
2505	5.4896	3.4945	0.769
2506	5.5177	3.5558	0.669
2507	5.5429	3.6666	0.566
2508	5.565	3.7779	0.463
2509	5.5839	3.8888	0.362
2510	5.5994	4.0001	0.264
2511	5.6117	4.111	0.172
2512	5.6207	4.2223	0.085
2513	5.6264	4.2665	0.004
2514	5.6292	4.2446	-0.065
2515	5.6294	4.1557	-0.124
2516	5.6277	4.0001	-0.174
2517	5.6243	3.7779	-0.216
2518	5.62	3.5558	-0.249
2519	5.615	3.3331	-0.274
2520	5.6098	3.111	-0.292
2521	5.6048	2.8888	-0.3
2522	5.6001	2.6666	-0.298
2523	5.5958	2.4444	-0.298
2524	5.5919	2.2222	-0.299

2525	5.5883	2.0001	-0.299
2526	5.5851	1.7779	-0.299
2527	5.5823	1.5557	-0.299
2528	5.5799	1.3335	-0.299
2529	5.5778	1.1109	-0.299
2530	5.5762	0.88872	-0.299
2531	5.5748	0.66654	-0.299
2532	5.5739	0.44436	-0.299
2533	5.5733	0.26688	-0.299
2534	5.573	0.13322	-0.299
2535	5.5729	0	-0.299
2536	5.5729	0	0
2537	5.5729	0	0
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2578	5.5729	0	0
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2581	5.5729	0	0
2582	5.5729	0.055433	0
2583	5.573	0.16675	0
2584	5.5734	0.33349	0
2585	5.574	0.55567	0
2586	5.5749	0.83328	0
2587	5.5761	1.1109	0
2588	5.5778	1.389	0

2589	5.5798	1.6666	0
2590	5.5821	1.9446	0
2591	5.5848	2.2222	0
2592	5.5879	2.4279	0
2593	5.5911	2.5611	0
2594	5.5945	2.6223	0
2595	5.5979	2.6112	0
2596	5.6013	2.5276	0
2597	5.6045	2.4444	0
2598	5.6076	2.3613	0
2599	5.6107	2.2777	0
2600	5.6136	2.1945	0
2601	5.6164	2.1109	0
2602	5.6192	2.1279	0
2603	5.622	2.2446	0
2604	5.6251	2.461	0
2605	5.6285	2.7779	0
2606	5.6324	3.1945	0
2607	5.6368	3.6112	0
2608	5.6418	4.0278	0
2609	5.6474	4.4445	0
2610	5.6534	4.8611	0
2611	5.66	5.2778	0
2612	5.6671	5.5335	0
2613	5.6744	5.6278	0
2614	5.6817	5.5612	0
2615	5.6888	5.3332	0
2616	5.6955	4.9443	0
2617	5.7017	4.5553	0
2618	5.7074	4.1669	0
2619	5.7126	3.7779	0
2620	5.7172	3.389	0

2621	5.7214	3.0001	0
2622	5.7251	2.6442	0
2623	5.7283	2.3224	0
2624	5.7312	2.0331	0
2625	5.7337	1.7779	0
2626	5.7358	1.5557	0
2627	5.7377	1.3335	0
2628	5.7393	1.1109	0
2629	5.7406	0.88872	0
2630	5.7416	0.66654	0
2631	5.7424	0.44436	0
2632	5.7428	0.2946	0
2633	5.7432	0.21681	0
2634	5.7435	0.211	0
2635	5.7438	0.27761	0
2636	5.7442	0.41664	0
2637	5.7449	0.55567	0
2638	5.7457	0.69425	0
2639	5.7467	0.83328	0
2640	5.7478	0.97231	0
2641	5.7492	1.1109	0
2642	5.7507	1.1972	0
2643	5.7523	1.2298	0
2644	5.7539	1.2097	0
2645	5.7554	1.1364	0
2646	5.7568	1.0103	0
2647	5.7581	0.8838	0
2648	5.7591	0.75773	0
2649	5.76	0.63122	0
2650	5.7608	0.50516	0
2651	5.7613	0.37864	0
2652	5.7618	0.25258	0

2653	5.762	0.15155	0
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2700	5.7622	0	0
2701	5.7622	0	0
2702	5.7623	0.11668	0
2703	5.7624	0.35003	-0.079
2704	5.7624	0.70006	-0.136
2705	5.7619	1.1668	-0.18
2706	5.7607	1.7502	-0.215
2707	5.7584	2.3335	-0.243
2708	5.7548	2.9165	-0.267
2709	5.7498	3.4999	-0.287
2710	5.7432	4.0833	-0.304
2711	5.735	4.6667	-0.319
2712	5.7289	5.1334	-0.254
2713	5.7248	5.4834	-0.208
2714	5.7223	5.7167	-0.175
2715	5.7212	5.8334	-0.15
2716	5.7211	5.8334	-0.132

2717	5.7218	5.8334	-0.118
2718	5.7232	5.8334	-0.106
2719	5.7252	5.8334	-0.097
2720	5.7276	5.8334	-0.089
2721	5.7305	5.8334	-0.082
2722	5.7336	5.8611	-0.076
2723	5.7373	5.9166	-0.069
2724	5.7412	6.0002	-0.064
2725	5.7456	6.111	-0.058
2726	5.7504	6.2501	-0.053
2727	5.7555	6.3891	-0.049
2728	5.7611	6.5277	-0.045
2729	5.767	6.6667	-0.041
2730	5.7732	6.8057	-0.038
2731	5.7798	6.9443	-0.035
2732	5.7866	7.1057	-0.033
2733	5.7938	7.289	-0.031
2734	5.8013	7.4946	-0.029
2735	5.8092	7.7222	-0.027
2736	5.8174	7.9721	-0.025
2737	5.8261	8.2224	-0.023
2738	5.8352	8.4723	-0.022
2739	5.8447	8.7222	-0.02
2740	5.8546	8.9721	-0.019
2741	5.8648	9.222	-0.018
2742	5.8753	9.3498	-0.017
2743	5.886	9.3557	-0.016
2744	5.8967	9.239	-0.016
2745	5.9072	8.9998	-0.015
2746	5.9175	8.639	-0.014
2747	5.9274	8.2778	-0.013
2748	5.937	7.9166	-0.012

2749	5.9463	7.5554	-0.01
2750	5.9554	7.1942	-0.008
2751	5.9641	6.8335	-0.006
2752	5.9726	6.5223	-0.003
2753	5.981	6.2612	0.001
2754	5.9893	6.0498	0.004
2755	5.9976	5.8889	0.009
2756	6.0061	5.7775	0.015
2757	6.0148	5.6667	0.022
2758	6.0239	5.5554	0.031
2759	6.0334	5.4445	0.042
2760	6.0433	5.3332	0.054
2761	6.0539	5.2223	0.069
2762	6.0651	5.0332	0.088
2763	6.0769	4.7668	0.112
2764	6.0895	4.4221	0.142
2765	6.1022	4.0001	0.171
2766	6.1145	3.4999	0.198
2767	6.126	3.0001	0.223
2768	6.1363	2.4998	0.246
2769	6.1453	2.0001	0.267
2770	6.1525	1.4998	0.284
2771	6.1579	1	0.298
2772	6.1614	0.59993	0.305
2773	6.1633	0.29996	0.305
2774	6.1642	0.10014	0.305
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2821	6.1644	0	3.439
2822	6.1654	0.055433	3.439
2823	6.1694	0.16675	3.439
2824	6.1783	0.33349	3.439
2825	6.1941	0.55567	3.439
2826	6.2189	0.83328	3.439
2827	6.2536	1.1109	3.439
2828	6.3017	1.389	3.718
2829	6.3634	1.6666	3.912
2830	6.4385	1.9446	4.036
2831	6.5266	2.2222	4.101
2832	6.6273	2.5222	4.116
2833	6.7404	2.8445	4.088
2834	6.8657	3.1887	4.027
2835	7.0027	3.5558	3.936
2836	7.1508	3.9442	3.82
2837	7.297	4.3332	3.404
2838	7.4411	4.7221	3.054
2839	7.5827	5.111	2.75
2840	7.7213	5.4999	2.483
2841	7.8566	5.8889	2.246
2842	7.9877	6.2335	2.034
2843	8.1135	6.5335	1.84
2844	8.2327	6.7887	1.659

2845	8.3443	7.0002	1.489
2846	8.4474	7.1665	1.325
2847	8.5414	7.3332	1.166
2848	8.6267	7.5	1.019
2849	8.7043	7.6667	0.893
2850	8.7753	7.8335	0.786
2851	8.8408	7.9998	0.697
2852	8.9014	8.0056	0.627
2853	8.9573	7.85	0.574
2854	9.0089	7.5335	0.54
2855	9.0567	7.0556	0.525
2856	9.1011	6.4168	0.529
2857	9.1428	5.7775	0.553
2858	9.182	5.1387	0.588
2859	9.2183	4.4999	0.624
2860	9.2513	3.8611	0.659
2861	9.2805	3.2223	0.692
2862	9.3056	2.6724	0.723
2863	9.3272	2.2111	0.751
2864	9.3455	1.8387	0.774
2865	9.3611	1.5557	0.791
2866	9.3747	1.3612	0.801
2867	9.3865	1.1668	0.801
2868	9.3964	0.97231	0.801
2869	9.4046	0.77785	0.801
2870	9.4109	0.58339	0.801
2871	9.4154	0.38892	0.801
2872	9.4183	0.23335	0.801
2873	9.42	0.11668	0.801
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2919	9.4205	0	0
2920	9.4205	0	-7.882
2921	9.4154	0.13322	-7.882
2922	9.3999	0.26688	-7.882
2923	9.3724	0.44436	-7.882
2924	9.3295	0.66654	-7.882
2925	9.2694	0.88872	-7.882
2926	9.1922	1.1109	-7.882
2927	9.0966	1.3335	-7.975
2928	8.9834	1.5557	-7.989
2929	8.8538	1.7779	-7.936
2930	8.7084	2.0112	-7.825
2931	8.5486	2.2558	-7.646
2932	8.376	2.511	-7.391
2933	8.1929	2.7779	-7.072
2934	8.0018	3.0555	-6.698
2935	7.8059	3.3331	-6.276
2936	7.612	3.6112	-5.723
2937	7.4215	3.8888	-5.218
2938	7.2353	4.1669	-4.759
2939	7.0541	4.4445	-4.342
2940	6.8791	4.6501	-3.983

2941	6.7113	4.7833	-3.69
2942	6.5516	4.8446	-3.45
2943	6.4005	4.8334	-3.254
2944	6.2586	4.7498	-3.094
2945	6.1254	4.6667	-2.961
2946	6.0001	4.5835	-2.842
2947	5.8822	4.4999	-2.727
2948	5.7718	4.4168	-2.608
2949	5.6691	4.3332	-2.478
2950	5.5741	4.2969	-2.333
2951	5.486	4.3077	-2.177
2952	5.4043	4.3653	-2.017
2953	5.3281	4.4695	-1.854
2954	5.2574	4.6211	-1.688
2955	5.1919	4.7726	-1.524
2956	5.1321	4.9241	-1.364
2957	5.078	5.0757	-1.213
2958	5.0295	5.2272	-1.072
2959	4.9864	5.3788	-0.944
2960	4.9484	5.5303	-0.826
2961	4.915	5.6792	-0.726
2962	4.8854	5.8258	-0.646
2963	4.8586	5.9698	-0.585
2964	4.8336	6.111	-0.544
2965	4.8096	6.2501	-0.519
2966	4.7855	6.3891	-0.512
2967	4.7603	6.5277	-0.521
2968	4.7329	6.6667	-0.546
2969	4.7021	6.8057	-0.587
2970	4.6673	6.9443	-0.636
2971	4.6284	7.0109	-0.689
2972	4.5847	7.0056	-0.754

2973	4.536	6.9278	-0.829
2974	4.4821	6.7776	-0.918
2975	4.4226	6.5554	-1.022
2976	4.3574	6.3332	-1.143
2977	4.2859	6.111	-1.28
2978	4.2076	5.8889	-1.435
2979	4.1223	5.6667	-1.607
2980	4.0297	5.4445	-1.797
2981	3.9303	5.2335	-1.994
2982	3.8248	5.0332	-2.185
2983	3.7144	4.8446	-2.367
2984	3.5998	4.6667	-2.542
2985	3.4817	4.4999	-2.708
2986	3.361	4.3332	-2.864
2987	3.2388	4.1669	-3.007
2988	3.1166	4.0001	-3.125
2989	2.9962	3.8334	-3.207
2990	2.8793	3.6666	-3.249
2991	2.7662	3.5888	-3.249
2992	2.6557	3.6	-3.206
2993	2.5465	3.7002	-3.123
2994	2.4377	3.8888	-3.001
2995	2.3285	4.1669	-2.843
2996	2.2198	4.4445	-2.654
2997	2.1137	4.7221	-2.447
2998	2.0115	5.0001	-2.234
2999	1.914	5.2778	-2.027
3000	1.8214	5.5554	-1.841
3001	1.7339	5.7668	-1.676
3002	1.6528	5.9112	-1.52
3003	1.5791	5.989	-1.37
3004	1.5136	6.0002	-1.223

3005	1.4572	5.9443	-1.075
3006	1.4102	5.8889	-0.924
3007	1.373	5.8334	-0.766
3008	1.3458	5.7775	-0.598
3009	1.3293	5.7221	-0.418
3010	1.3236	5.6667	-0.231
3011	1.3278	5.6613	-0.056
3012	1.3408	5.7056	0.098
3013	1.3616	5.7999	0.231
3014	1.3893	5.9443	0.342
3015	1.4233	6.1388	0.432
3016	1.4626	6.3332	0.5
3017	1.5061	6.5277	0.545
3018	1.5525	6.7221	0.57
3019	1.6006	6.9166	0.575
3020	1.6501	7.1111	0.575
3021	1.7007	7.2443	0.575
3022	1.7528	7.3167	0.585
3023	1.8066	7.3279	0.605
3024	1.8625	7.2778	0.635
3025	1.9206	7.1665	0.674
3026	1.9814	7.0556	0.724
3027	2.0454	6.9443	0.784
3028	2.1131	6.8335	0.852
3029	2.1846	6.7221	0.925
3030	2.2603	6.6113	1.004
3031	2.3395	6.5612	1.073
3032	2.4221	6.5724	1.127
3033	2.5078	6.6444	1.167
3034	2.5966	6.7776	1.193
3035	2.6884	6.972	1.204
3036	2.7825	7.1665	1.201

3037	2.8782	7.361	1.187
3038	2.9748	7.5554	1.165
3039	3.0722	7.7499	1.142
3040	3.1709	7.9443	1.128
3041	3.2718	7.9332	1.14
3042	3.3744	7.7168	1.181
3043	3.4787	7.2944	1.259
3044	3.5847	6.6667	1.388
3045	3.6925	5.8334	1.595
3046	3.7973	5.0001	1.805
3047	3.8956	4.1669	2.014
3048	3.9837	3.3331	2.22
3049	4.058	2.4998	2.417
3050	4.1147	1.6666	2.594
3051	4.1531	1	2.747
3052	4.1756	0.49979	2.867
3053	4.1858	0.16675	2.941
3054	4.1884	0	2.941
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3098	4.1884	0	0
3099	4.1884	0	0
3100	4.1884	0	0.653

3101	4.1888	0.1055	0.653
3102	4.1904	0.3165	0.653
3103	4.194	0.63346	0.629
3104	4.2002	1.0555	0.598
3105	4.2093	1.5834	0.562
3106	4.2214	2.1109	0.524
3107	4.236	2.6389	0.483
3108	4.2525	3.1668	0.44
3109	4.2706	3.6943	0.397
3110	4.2898	4.2223	0.354
3111	4.3094	4.672	0.311
3112	4.33	5.0444	0.293
3113	4.3514	5.339	0.282
3114	4.3736	5.5554	0.276
3115	4.3963	5.6944	0.273
3116	4.4195	5.8334	0.273
3117	4.4435	5.972	0.275
3118	4.4682	6.111	0.279
3119	4.4939	6.2501	0.285
3120	4.5207	6.3891	0.294
3121	4.5486	6.411	0.306
3122	4.5774	6.3167	0.322
3123	4.6069	6.1057	0.343
3124	4.6364	5.7775	0.367
3125	4.6657	5.3332	0.397
3126	4.6945	4.8888	0.432
3127	4.7227	4.4445	0.475
3128	4.7504	4.0001	0.525
3129	4.7769	3.5558	0.572
3130	4.8018	3.111	0.615
3131	4.8246	2.7113	0.653
3132	4.8453	2.3555	0.687

3133	4.8639	2.0443	0.716
3134	4.8806	1.7779	0.74
3135	4.8954	1.5557	0.758
3136	4.9083	1.3335	0.767
3137	4.9193	1.1109	0.767
3138	4.9283	0.88872	0.767
3139	4.9353	0.66654	0.767
3140	4.9402	0.44436	0.767
3141	4.9434	0.26688	0.767
3142	4.9452	0.13322	0.767
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3190	4.9459	0.088961	0
3191	4.9461	0.26688	0
3192	4.9466	0.53332	0
3193	4.9476	0.88872	0
3194	4.949	1.3335	0
3195	4.951	1.7779	0
3196	4.9537	2.2222	0

3197	4.9568	2.6666	0
3198	4.9606	3.111	0
3199	4.965	3.5558	0
3200	4.9698	3.8834	0
3201	4.975	4.0944	0
3202	4.9804	4.1888	0
3203	4.9859	4.1669	0
3204	4.9912	4.0278	0
3205	4.9964	3.8888	0
3206	5.0014	3.7498	0
3207	5.0062	3.6112	0
3208	5.0108	3.4722	0
3209	5.0152	3.3331	0
3210	5.0195	3.161	0
3211	5.0235	2.9554	0
3212	5.0272	2.7167	0
3213	5.0305	2.4444	0
3214	5.0335	2.1391	0
3215	5.0361	1.8333	0
3216	5.0383	1.528	0
3217	5.0401	1.2222	0
3218	5.0415	0.91688	0
3219	5.0425	0.6111	0
3220	5.0431	0.36657	0
3221	5.0435	0.18329	0
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3269	5.0437	0	-2.355
3270	5.043	0.061244	-2.355
3271	5.0403	0.18329	-2.355
3272	5.0342	0.36657	-2.355
3273	5.0233	0.6111	-2.355
3274	5.0063	0.91688	-2.355
3275	4.9817	1.2222	-2.429
3276	4.95	1.528	-2.437
3277	4.912	1.8333	-2.395
3278	4.8686	2.1391	-2.314
3279	4.8212	2.4444	-2.201
3280	4.7717	2.6889	-2.061
3281	4.7226	2.8722	-1.894
3282	4.6765	2.9943	-1.702
3283	4.6356	3.0555	-1.483
3284	4.6041	3.0555	-1.163
3285	4.5803	3.0555	-0.909
3286	4.5617	3.0555	-0.738
3287	4.5462	3.0555	-0.638
3288	4.5318	3.0555	-0.602
3289	4.5167	3.0555	-0.624
3290	4.4992	3.0667	-0.703
3291	4.4775	3.089	-0.835
3292	4.4499	3.1221	-1.021

3293	4.4144	3.1668	-1.26
3294	4.3698	3.2223	-1.526
3295	4.3161	3.2777	-1.784
3296	4.2535	3.3331	-2.023
3297	4.1823	3.389	-2.25
3298	4.1024	3.4444	-2.47
3299	4.0135	3.4999	-2.691
3300	3.9157	3.5075	-2.923
3301	3.8096	3.4668	-3.176
3302	3.6958	3.3778	-3.456
3303	3.5754	3.2406	-3.772
3304	3.4495	3.0555	-4.135
3305	3.3207	2.8704	-4.482
3306	3.1908	2.6854	-4.812
3307	3.0617	2.4998	-5.116
3308	2.9352	2.3148	-5.391
3309	2.8122	2.1722	-5.625
3310	2.6918	2.072	-5.812
3311	2.5732	2.0148	-5.946
3312	2.4552	2.0001	-6.017
3313	2.3369	2.0278	-6.017
3314	2.217	2.0555	-6.017
3315	2.0954	2.0832	-6.017
3316	1.9706	2.1109	-6.092
3317	1.8445	2.1391	-6.076
3318	1.719	2.1668	-5.971
3319	1.5954	2.2169	-5.78
3320	1.4743	2.2888	-5.51
3321	1.3568	2.3832	-5.168
3322	1.2439	2.4998	-4.762
3323	1.137	2.6389	-4.296
3324	1.0383	2.7779	-3.777

3325	0.95248	2.9165	-3.145
3326	0.87973	3.0555	-2.568
3327	0.81985	3.1945	-2.047
3328	0.77248	3.3331	-1.582
3329	0.73705	3.49	-1.169
3330	0.71296	3.6639	-0.804
3331	0.69978	3.8562	-0.481
3332	0.69711	4.0658	-0.198
3333	0.70461	4.2929	0.049
3334	0.72248	4.52	0.275
3335	0.75044	4.7476	0.473
3336	0.78751	4.9747	0.632
3337	0.83272	5.2022	0.758
3338	0.88526	5.4293	0.858
3339	0.94448	5.6564	0.938
3340	1.009	5.7163	1.005
3341	1.0768	5.6081	1.067
3342	1.1458	5.3323	1.131
3343	1.2142	4.8888	1.208
3344	1.2787	4.2777	1.276
3345	1.3375	3.6666	1.351
3346	1.39	3.0555	1.429
3347	1.435	2.4444	1.506
3348	1.4715	1.8333	1.58
3349	1.4986	1.2222	1.644
3350	1.5165	0.73315	1.693
3351	1.5267	0.36657	1.722
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3400	1.5323	0.07242	-0.033
3401	1.5325	0.21681	-0.033
3402	1.5328	0.43318	-0.033
3403	1.5334	0.72242	-0.033
3404	1.5349	1.0832	0.036
3405	1.5377	1.4444	0.097
3406	1.5423	1.8056	0.151
3407	1.5489	2.1668	0.199
3408	1.5576	2.5276	0.243
3409	1.5689	2.8888	0.284
3410	1.5827	3.2612	0.321
3411	1.5995	3.6443	0.355
3412	1.6194	4.039	0.387
3413	1.6397	4.4445	0.348
3414	1.6605	4.8611	0.316
3415	1.6817	5.2778	0.289
3416	1.7035	5.6944	0.266
3417	1.7258	6.111	0.247
3418	1.7485	6.5277	0.23
3419	1.7718	6.9443	0.215
3420	1.7956	7.3721	0.202

3421	1.8199	7.8111	0.19
3422	1.8449	8.2613	0.18
3423	1.8704	8.7222	0.17
3424	1.8966	9.1943	0.162
3425	1.9234	9.6668	0.154
3426	1.9509	10.139	0.147
3427	1.979	10.611	0.14
3428	2.0078	11.083	0.135
3429	2.0371	11.556	0.129
3430	2.0672	11.978	0.125
3431	2.0978	12.35	0.121
3432	2.1289	12.672	0.118
3433	2.1603	12.944	0.115
3434	2.192	13.167	0.112
3435	2.2238	13.389	0.109
3436	2.2557	13.611	0.106
3437	2.2878	13.833	0.103
3438	2.3199	14.055	0.1
3439	2.352	14.278	0.096
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3441	2.4158	14.639	0.088
3442	2.4473	14.778	0.084
3443	2.4785	14.889	0.08
3444	2.5094	14.972	0.076
3445	2.5398	15.055	0.072
3446	2.5699	15.139	0.069
3447	2.5996	15.222	0.065
3448	2.6289	15.305	0.062
3449	2.658	15.389	0.059
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3452	2.7411	14.139	0.053

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3455	2.8101	10.889	0.052
3456	2.829	9.7222	0.053
3457	2.8458	8.5555	0.053
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3461	2.8921	4.5553	0.047
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3463	2.9061	3.7779	0.036
3464	2.9121	3.7221	0.031
3465	2.9179	3.6666	0.025
3466	2.9233	3.6112	0.019
3467	2.9284	3.5558	0.013
3468	2.9333	3.4999	0.008
3469	2.938	3.4444	0.005
3470	2.9425	3.3331	0.002
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3472	2.9508	2.9447	0.001
3473	2.9545	2.6666	0
3474	2.9577	2.3335	0
3475	2.9605	2.0001	-0.001
3476	2.9629	1.6666	-0.001
3477	2.9649	1.3335	-0.001
3478	2.9664	1	-0.002
3479	2.9674	0.66654	-0.002
3480	2.9681	0.4001	-0.002
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3534	2.9687	0.77785	-0.13
3535	2.9687	0.97231	-0.13
3536	2.9687	1.1668	-0.13
3537	2.9607	1.3612	-0.765
3538	2.9427	1.5557	-1.368
3539	2.9126	1.7721	-1.938
3540	2.8686	2.0112	-2.455
3541	2.8088	2.2723	-2.926
3542	2.7309	2.5557	-3.361
3543	2.6325	2.8611	-3.764
3544	2.5118	3.1668	-4.141
3545	2.3669	3.4722	-4.499
3546	2.219	3.7779	-4.213
3547	2.0686	4.0833	-3.962
3548	1.9153	4.389	-3.752

3549	1.7596	4.5835	-3.603
3550	1.6038	4.6667	-3.501
3551	1.4498	4.6389	-3.441
3552	1.2998	4.4999	-3.417
3553	1.1558	4.25	-3.424
3554	1.0187	4.0001	-3.456
3555	0.8883	3.7498	-3.497
3556	0.76537	3.4999	-3.524
3557	0.65125	3.25	-3.514
3558	0.54727	3.0001	-3.46
3559	0.45338	2.8445	-3.345
3560	0.36787	2.7833	-3.171
3561	0.28918	2.8168	-2.942
3562	0.21617	2.9447	-2.666
3563	0.14852	3.1668	-2.345
3564	0.087613	3.389	-1.989
3565	0.035626	3.6112	-1.616
3566	-0.0057071	3.8334	-1.241
3567	-0.03523	4.0555	-0.879
3568	-0.052626	4.2777	-0.548
3569	-0.058551	4.4668	-0.266
3570	-0.053939	4.6224	-0.029
3571	-0.03996	4.7444	0.168
3572	-0.017955	4.8334	0.329
3573	0.010749	4.8888	0.46
3574	0.044844	4.9443	0.563
3575	0.083204	5.0001	0.641
3576	0.12471	5.0556	0.695
3577	0.1684	5.111	0.729
3578	0.214	5.1664	0.757
3579	0.26124	5.2111	0.78
3580	0.30973	5.2442	0.797

3581	0.35894	5.2666	0.806
3582	0.40847	5.2778	0.809
3583	0.45784	5.2778	0.805
3584	0.50664	5.2778	0.794
3585	0.55453	5.2778	0.777
3586	0.6011	5.2778	0.752
3587	0.64594	5.2778	0.719
3588	0.68897	5.2778	0.685
3589	0.73015	5.3001	0.648
3590	0.7695	5.3444	0.609
3591	0.80707	5.411	0.568
3592	0.84283	5.4999	0.525
3593	0.87674	5.6112	0.48
3594	0.90873	5.7221	0.434
3595	0.93869	5.8334	0.388
3596	0.96651	5.9443	0.342
3597	0.9921	6.0556	0.296
3598	1.0155	6.1665	0.252
3599	1.0366	6.1276	0.214
3600	1.0555	5.9389	0.182
3601	1.072	5.6001	0.156
3602	1.0863	5.111	0.136
3603	1.0983	4.4722	0.12
3604	1.1083	3.8334	0.11
3605	1.1165	3.1945	0.103
3606	1.1231	2.5557	0.1
3607	1.1283	1.9165	0.101
3608	1.132	1.2776	0.102
3609	1.1345	0.93342	0.092
3610	1.1364	0.88335	0.082
3611	1.1384	1.1279	0.072
3612	1.1411	1.6666	0.063

3613	1.145	2.4998	0.054
3614	1.1501	3.3331	0.045
3615	1.1563	4.1669	0.036
3616	1.1636	5.0001	0.027
3617	1.1717	5.8334	0.019
3618	1.1812	6.6667	0.022
3619	1.1921	7.3556	0.025
3620	1.2042	7.9001	0.028
3621	1.2174	8.3002	0.033
3622	1.2316	8.5555	0.038
3623	1.2467	8.6668	0.044
3624	1.2625	8.7776	0.051
3625	1.2792	8.8889	0.059
3626	1.297	8.9998	0.068
3627	1.3159	9.1111	0.078
3628	1.336	9.222	0.089
3629	1.3573	9.3387	0.099
3630	1.3797	9.4612	0.108
3631	1.403	9.589	0.114
3632	1.4272	9.7222	0.12
3633	1.452	9.8613	0.123
3634	1.4774	9.9998	0.125
3635	1.5031	10.139	0.125
3636	1.5291	10.278	0.124
3637	1.5551	10.416	0.121
3638	1.581	10.556	0.117
3639	1.6069	10.656	0.113
3640	1.6324	10.716	0.109
3641	1.6578	10.739	0.106
3642	1.6828	10.722	0.102
3643	1.7073	10.667	0.099
3644	1.7314	10.611	0.096

3645	1.7552	10.556	0.094
3646	1.7785	10.5	0.091
3647	1.8014	10.445	0.088
3648	1.8238	10.389	0.085
3649	1.8458	10.356	0.082
3650	1.8676	10.345	0.08
3651	1.8895	10.356	0.081
3652	1.9117	10.389	0.083
3653	1.9344	10.445	0.088
3654	1.958	10.5	0.095
3655	1.9827	10.556	0.104
3656	2.0087	10.611	0.115
3657	2.0362	10.667	0.128
3658	2.0657	10.722	0.145
3659	2.0972	10.716	0.164
3660	2.1309	10.65	0.185
3661	2.167	10.522	0.21
3662	2.2053	10.333	0.237
3663	2.246	10.083	0.268
3664	2.2892	9.8331	0.303
3665	2.335	9.5832	0.342
3666	2.384	9.3333	0.387
3667	2.4364	9.0834	0.439
3668	2.4928	8.8335	0.499
3669	2.5536	8.4665	0.572
3670	2.6188	7.9832	0.663
3671	2.6888	7.3833	0.78
3672	2.7639	6.6667	0.939
3673	2.8448	5.8334	1.164
3674	2.9268	5.0001	1.383
3675	3.0059	4.1669	1.595
3676	3.0781	3.3331	1.797

3677	3.1398	2.4998	1.986
3678	3.1875	1.6666	2.159
3679	3.2207	1.0555	2.309
3680	3.2427	0.66654	2.427
3681	3.2581	0.49979	2.499
3682	3.2719	0.55567	2.499
3683	3.2902	0.83328	2.499
3684	3.3158	1.1109	2.499
3685	3.3507	1.389	2.666
3686	3.3951	1.6666	2.78
3687	3.4489	1.9446	2.849
3688	3.5116	2.2222	2.88
3689	3.5832	2.5387	2.876
3690	3.6643	2.8946	2.858
3691	3.7558	3.2889	2.829
3692	3.8581	3.7221	2.79
3693	3.9719	4.1946	2.744
3694	4.0894	4.6667	2.524
3695	4.2112	5.1387	2.353
3696	4.3382	5.6112	2.233
3697	4.4722	6.0833	2.162
3698	4.6159	6.5554	2.145
3699	4.7699	6.8223	2.171
3700	4.9319	6.8835	2.234
3701	5.0998	6.7387	2.336
3702	5.2714	6.3891	2.485
3703	5.4437	5.8334	2.689
3704	5.6154	5.2778	2.961
3705	5.7872	4.7221	3.309
3706	5.9585	4.1669	3.725
3707	6.1238	3.6112	4.123
3708	6.2777	3.0555	4.492

3709	6.4184	2.6174	4.835
3710	6.5479	2.2964	5.148
3711	6.6696	2.0926	5.423
3712	6.7879	2.0063	5.649
3713	6.9077	2.0372	5.809
3714	7.0311	2.068	5.89
3715	7.1563	2.0989	5.89
3716	7.2834	2.1297	5.89
3717	7.4123	2.1605	5.89
3718	7.5416	2.1409	5.89
3719	7.6682	2.0702	5.89
3720	7.789	1.9495	5.89
3721	7.901	1.7779	5.89
3722	8.0011	1.5557	5.89
3723	8.088	1.3335	5.89
3724	8.1614	1.1109	5.89
3725	8.2215	0.88872	5.89
3726	8.2683	0.66654	5.89
3727	8.3016	0.44436	5.89
3728	8.323	0.26688	5.89
3729	8.335	0.13322	5.89
3730	8.339	0	5.89
3731	8.339	0	0
3732	8.339	0	0
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3770	8.339	0	0
3771	8.339	0	0
3772	8.339	0	0

3773	8.339	0	0
3774	8.339	0	0
3775	8.339	0	0
3776	8.339	0	1.573
3777	8.3397	0.07242	1.573
3778	8.3421	0.21681	1.573
3779	8.3477	0.43318	1.573
3780	8.3575	0.72242	1.573
3781	8.3706	1.0832	1.325
3782	8.386	1.4444	1.086
3783	8.402	1.8056	0.852
3784	8.4169	2.1668	0.62
3785	8.429	2.5276	0.387
3786	8.4366	2.8888	0.15
3787	8.4377	3.1056	-0.095
3788	8.4311	3.1776	-0.34
3789	8.4168	3.1056	-0.585
3790	8.4033	2.8888	-0.582
3791	8.3909	2.5276	-0.588
3792	8.3799	2.1668	-0.599
3793	8.3704	1.8056	-0.611
3794	8.3624	1.4444	-0.623
3795	8.356	1.0832	-0.631
3796	8.3515	0.72242	-0.631
3797	8.3486	0.43318	-0.631
3798	8.347	0.21681	-0.631
3799	8.3463	0.07242	-0.631
3800	8.3461	0	-0.631
3801	8.3461	0	0
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3804	8.3461	0	0

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3808	8.3461	0	0
3809	8.3461	0	0
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3845	8.3461	0	0
3846	8.3461	0	1.643
3847	8.347	0.10014	1.643
3848	8.3496	0.19983	1.643
3849	8.3544	0.33349	1.643
3850	8.3618	0.49979	1.643
3851	8.3721	0.66654	1.643
3852	8.3854	0.83328	1.643
3853	8.4017	1	1.643
3854	8.4209	1.1668	1.643
3855	8.443	1.3335	1.643
3856	8.4676	1.4332	1.643
3857	8.4933	1.4667	1.643
3858	8.519	1.4332	1.643
3859	8.5435	1.3335	1.643
3860	8.5657	1.1668	1.643
3861	8.5849	1	1.643
3862	8.6012	0.83328	1.643
3863	8.6145	0.66654	1.643
3864	8.6248	0.49979	1.643
3865	8.6322	0.33349	1.643
3866	8.6372	0.23335	1.643
3867	8.641	0.19983	1.643
3868	8.6449	0.23335	1.643

3869	8.6499	0.33349	1.643
3870	8.6573	0.49979	1.643
3871	8.6676	0.66654	1.643
3872	8.6809	0.83328	1.643
3873	8.6972	1	1.643
3874	8.7164	1.1668	1.643
3875	8.7386	1.3335	1.643
3876	8.7635	1.4721	1.643
3877	8.7905	1.5834	1.643
3878	8.8194	1.6666	1.643
3879	8.8494	1.722	1.643
3880	8.8802	1.7502	1.643
3881	8.9115	1.7779	1.643
3882	8.9432	1.8056	1.643
3883	8.9755	1.8333	1.643
3884	9.0083	1.861	1.643
3885	9.0415	1.8887	1.643
3886	9.0749	1.8722	1.643
3887	9.1075	1.811	1.643
3888	9.1387	1.7055	1.643
3889	9.1676	1.5557	1.643
3890	9.1935	1.3612	1.643
3891	9.2159	1.1668	1.643
3892	9.2348	0.97231	1.643
3893	9.2504	0.77785	1.643
3894	9.2624	0.58339	1.643
3895	9.2711	0.38892	1.643
3896	9.2771	0.2946	1.643
3897	9.2824	0.29996	1.643
3898	9.2886	0.40547	1.643
3899	9.2976	0.6111	1.643
3900	9.3112	0.91688	1.643

3901	9.3267	1.2222	1.315
3902	9.3424	1.528	1.015
3903	9.3569	1.8333	0.734
3904	9.3688	2.1391	0.466
3905	9.3765	2.4444	0.208
3906	9.3789	2.6889	-0.04
3907	9.3747	2.8722	-0.281
3908	9.3635	2.9943	-0.513
3909	9.3451	3.0555	-0.738
3910	9.3299	3.0555	-0.626
3911	9.3176	3.0555	-0.535
3912	9.3077	3.0555	-0.453
3913	9.3	3.0555	-0.382
3914	9.2942	3.0555	-0.321
3915	9.2901	3.0555	-0.265
3916	9.2875	3.111	-0.216
3917	9.2861	3.2223	-0.173
3918	9.2859	3.389	-0.137
3919	9.2867	3.6112	-0.107
3920	9.2885	3.8888	-0.084
3921	9.291	4.1669	-0.068
3922	9.2943	4.4445	-0.053
3923	9.2985	4.7221	-0.04
3924	9.3033	5.0001	-0.031
3925	9.3087	5.2778	-0.025
3926	9.3145	5.4499	-0.023
3927	9.3203	5.5165	-0.024
3928	9.3259	5.4776	-0.029
3929	9.331	5.3332	-0.036
3930	9.3354	5.0833	-0.047
3931	9.3388	4.8334	-0.062
3932	9.3412	4.5835	-0.08

3933	9.3426	4.3332	-0.099
3934	9.3428	4.0833	-0.125
3935	9.3417	3.8334	-0.157
3936	9.3393	3.6224	-0.195
3937	9.3355	3.4498	-0.239
3938	9.3301	3.3166	-0.289
3939	9.3231	3.2223	-0.346
3940	9.3142	3.1668	-0.409
3941	9.3033	3.111	-0.478
3942	9.2903	3.0555	-0.553
3943	9.2752	3.0001	-0.627
3944	9.2581	2.9447	-0.706
3945	9.2389	2.8888	-0.789
3946	9.2175	2.8834	-0.871
3947	9.1937	2.9277	-0.951
3948	9.167	3.0224	-1.027
3949	9.137	3.1668	-1.1
3950	9.1032	3.3613	-1.167
3951	9.0652	3.5558	-1.23
3952	9.0228	3.7498	-1.291
3953	8.9761	3.9442	-1.343
3954	8.9244	4.1387	-1.411
3955	8.8664	4.3332	-1.5
3956	8.8011	4.4704	-1.614
3957	8.7277	4.55	-1.758
3958	8.6455	4.5723	-1.933
3959	8.5539	4.537	-2.142
3960	8.4527	4.4445	-2.386
3961	8.3411	4.3519	-2.667
3962	8.2184	4.2594	-2.983
3963	8.0845	4.1669	-3.309
3964	7.9406	4.0739	-3.626

3965	7.7875	3.9943	-3.929
3966	7.6259	3.9277	-4.215
3967	7.4563	3.874	-4.482
3968	7.2793	3.8334	-4.729
3969	7.0953	3.8057	-4.954
3970	6.9049	3.7779	-5.157
3971	6.7092	3.7498	-5.338
3972	6.5087	3.7221	-5.505
3973	6.3036	3.6943	-5.671
3974	6.0933	3.6666	-5.854
3975	5.8775	3.6277	-6.061
3976	5.6558	3.5777	-6.294
3977	5.4285	3.5169	-6.554
3978	5.1953	3.4444	-6.845
3979	4.9565	3.3613	-7.168
3980	4.7117	3.2777	-7.525
3981	4.4606	3.1945	-7.914
3982	4.2044	3.111	-8.285
3983	3.9448	3.0278	-8.62
3984	3.6836	2.9447	-8.915
3985	3.4215	2.8776	-9.172
3986	3.1596	2.828	-9.349
3987	2.8991	2.7944	-9.442
3988	2.6406	2.7779	-9.449
3989	2.3851	2.7779	-9.367
3990	2.1344	2.7779	-9.197
3991	1.8892	2.7779	-8.992
3992	1.6506	2.7779	-8.754
3993	1.4187	2.7779	-8.509
3994	1.1941	2.7779	-8.242
3995	0.97662	2.7721	-7.994
3996	0.76602	2.7609	-7.766

3997	0.56213	2.7444	-7.559
3998	0.36478	2.722	-7.371
3999	0.17375	2.6943	-7.203
4000	-0.011336	2.6666	-7.053
4001	-0.19095	2.6389	-6.918
4002	-0.36489	2.6112	-6.772
4003	-0.53255	2.5834	-6.6
4004	-0.69321	2.5557	-6.396
4005	-0.84629	2.5334	-6.158
4006	-0.99134	2.5168	-5.885
4007	-1.1279	2.5057	-5.578
4008	-1.2555	2.4998	-5.236
4009	-1.3736	2.4998	-4.861
4010	-1.4816	2.4998	-4.454
4011	-1.5787	2.4998	-4.016
4012	-1.6647	2.4998	-3.573
4013	-1.7405	2.4998	-3.165
4014	-1.807	2.4998	-2.794
4015	-1.8651	2.4833	-2.462
4016	-1.9156	2.4498	-2.18
4017	-1.9597	2.4002	-1.948
4018	-1.9984	2.3335	-1.765
4019	-2.0328	2.25	-1.633
4020	-2.0641	2.1668	-1.549
4021	-2.0935	2.0832	-1.513
4022	-2.1213	2.0001	-1.49
4023	-2.1477	1.9165	-1.478
4024	-2.1729	1.8333	-1.478
4025	-2.1974	1.7944	-1.478
4026	-2.2216	1.7998	-1.478
4027	-2.2436	1.8499	-1.337
4028	-2.2637	1.9446	-1.191

4029	-2.282	2.0832	-1.039
4030	-2.2982	2.2222	-0.884
4031	-2.3118	2.3613	-0.724
4032	-2.3223	2.4998	-0.561
4033	-2.3291	2.6389	-0.397
4034	-2.3319	2.7779	-0.234
4035	-2.3302	2.9111	-0.07
4036	-2.3278	3.039	-0.048
4037	-2.3247	3.161	-0.031
4038	-2.321	3.2777	-0.018
4039	-2.317	3.389	-0.01
4040	-2.3127	3.4999	-0.006
4041	-2.3083	3.6112	-0.005
4042	-2.3036	3.7221	-0.004
4043	-2.2989	3.8334	-0.004
4044	-2.294	3.9442	-0.005
4045	-2.2891	4.0131	-0.008
4046	-2.2844	4.0395	-0.014
4047	-2.28	4.0234	-0.021
4048	-2.276	3.9648	-0.031
4049	-2.2727	3.8638	-0.044
4050	-2.2699	3.7627	-0.059
4051	-2.2679	3.6617	-0.077
4052	-2.2667	3.5607	-0.097
4053	-2.2663	3.4596	-0.119
4054	-2.267	3.3586	-0.151
4055	-2.2691	3.2576	-0.193
4056	-2.2728	3.1767	-0.245
4057	-2.2783	3.1163	-0.306
4058	-2.2859	3.0756	-0.377
4059	-2.296	3.0555	-0.458
4060	-2.3087	3.0555	-0.547

4061	-2.3244	3.0555	-0.646
4062	-2.3435	3.0555	-0.753
4063	-2.3658	3.0555	-0.86
4064	-2.3916	3.0555	-0.975
4065	-2.4212	3.0555	-1.099
4066	-2.4548	3.0609	-1.23
4067	-2.4927	3.0721	-1.368
4068	-2.5353	3.089	-1.514
4069	-2.5829	3.111	-1.665
4070	-2.6358	3.1387	-1.823
4071	-2.6943	3.1668	-1.987
4072	-2.7588	3.1945	-2.159
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4074	-2.9056	3.25	-2.489
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4076	-3.0747	3.2723	-2.791
4077	-3.1661	3.2334	-2.943
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4079	-3.3583	3.0555	-3.263
4080	-3.4569	2.9165	-3.437
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4084	-3.8417	2.3613	-3.97
4085	-3.9318	2.2222	-4.067
4086	-4.0189	2.1221	-4.144
4087	-4.1039	2.0613	-4.198
4088	-4.1878	2.0389	-4.227
4089	-4.272	2.0555	-4.244
4090	-4.3577	2.1109	-4.247
4091	-4.4454	2.1668	-4.236
4092	-4.5349	2.2222	-4.214

4093	-4.6257	2.2777	-4.171
4094	-4.7173	2.3335	-4.103
4095	-4.8089	2.389	-4.013
4096	-4.8996	2.4279	-3.903
4097	-4.9885	2.4498	-3.775
4098	-5.0737	2.4556	-3.61
4099	-5.1548	2.4444	-3.44
4100	-5.2309	2.4167	-3.263
4101	-5.3017	2.389	-3.078
4102	-5.3672	2.3613	-2.891
4103	-5.4281	2.3335	-2.726
4104	-5.4848	2.3054	-2.577
4105	-5.5377	2.2777	-2.439
4106	-5.5873	2.2723	-2.31
4107	-5.6342	2.2888	-2.189
4108	-5.6792	2.3277	-2.079
4109	-5.7228	2.389	-1.98
4110	-5.7656	2.4721	-1.893
4111	-5.8081	2.5557	-1.821
4112	-5.85	2.6389	-1.743
4113	-5.891	2.722	-1.659
4114	-5.9308	2.8056	-1.572
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4116	-6.0065	2.9835	-1.397
4117	-6.0423	3.089	-1.31
4118	-6.0767	3.2057	-1.223
4119	-6.1096	3.3331	-1.136
4120	-6.1409	3.4722	-1.05
4121	-6.1704	3.6112	-0.964
4122	-6.1981	3.7498	-0.885
4123	-6.2243	3.8888	-0.815
4124	-6.249	4.0278	-0.756

4125	-6.2727	4.1669	-0.707
4126	-6.2954	4.2594	-0.669
4127	-6.3172	4.3054	-0.641
4128	-6.3384	4.3054	-0.623
4129	-6.3591	4.2594	-0.613
4130	-6.3794	4.1669	-0.613
4131	-6.3995	4.0739	-0.619
4132	-6.4194	3.9813	-0.624
4133	-6.439	3.8888	-0.628
4134	-6.4583	3.7963	-0.633
4135	-6.4776	3.8168	-0.637
4136	-6.4974	3.95	-0.64
4137	-6.5181	4.1964	-0.64
4138	-6.5404	4.5553	-0.639
4139	-6.5645	5.0279	-0.635
4140	-6.5909	5.4999	-0.631
4141	-6.6194	5.972	-0.628
4142	-6.6503	6.4445	-0.628
4143	-6.6835	6.9166	-0.627
4144	-6.7186	7.3887	-0.622
4145	-6.7556	7.8	-0.617
4146	-6.7937	8.15	-0.609
4147	-6.8328	8.4388	-0.601
4148	-6.8722	8.6668	-0.591
4149	-6.9115	8.8335	-0.58
4150	-6.9505	8.9998	-0.568
4151	-6.989	9.1666	-0.554
4152	-7.0267	9.3333	-0.538
4153	-7.0638	9.5	-0.525
4154	-7.1008	9.6668	-0.517
4155	-7.1384	9.7723	-0.517
4156	-7.1769	9.8166	-0.523

4157	-7.2166	9.8	-0.536
4158	-7.2582	9.7222	-0.556
4159	-7.3018	9.5832	-0.583
4160	-7.3481	9.4446	-0.617
4161	-7.3975	9.3056	-0.657
4162	-7.4505	9.1666	-0.705
4163	-7.5071	9.028	-0.752
4164	-7.5672	8.8889	-0.801
4165	-7.6307	8.7276	-0.852
4166	-7.6978	8.5443	-0.907
4167	-7.7681	8.3391	-0.964
4168	-7.8418	8.1111	-1.026
4169	-7.9185	7.8612	-1.091
4170	-7.9983	7.6113	-1.162
4171	-8.0809	7.361	-1.235
4172	-8.1666	7.1111	-1.314
4173	-8.2549	6.8612	-1.395
4174	-8.3451	6.6113	-1.469
4175	-8.4365	6.4557	-1.53
4176	-8.5294	6.3945	-1.577
4177	-8.6243	6.428	-1.611
4178	-8.7217	6.5554	-1.631
4179	-8.8221	6.7776	-1.636
4180	-8.9251	7.0002	-1.627
4181	-9.0301	7.2224	-1.606
4182	-9.1358	7.4446	-1.573
4183	-9.2419	7.6667	-1.534
4184	-9.3477	7.8889	-1.491
4185	-9.4528	8.0834	-1.447
4186	-9.5565	8.2501	-1.401
4187	-9.6582	8.3887	-1.353
4188	-9.7573	8.5	-1.304

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4191	-10.033	8.7499	-1.141
4192	-10.117	8.8335	-1.086
4193	-10.197	8.9167	-1.03
4194	-10.272	8.9998	-0.965
4195	-10.341	9.0722	-0.892
4196	-10.402	9.1335	-0.808
4197	-10.456	9.1831	-0.716
4198	-10.5	9.222	-0.615
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4201	-10.57	9.3056	-0.254
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4212	-9.958	6.2778	1.395
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4216	-9.4926	4.2335	2.662
4217	-9.3663	3.7721	3.028
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4219	-9.1232	2.9165	3.676
4220	-9.0128	2.4998	3.949

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4225	-8.6822	0.52795	4.56
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4229	-8.6197	0.41664	4.56
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4232	-8.5319	0.83328	4.56
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4234	-8.4408	1.1109	4.56
4235	-8.386	1.2276	4.56
4236	-8.3262	1.3223	4.56
4237	-8.2626	1.3943	4.56
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4273	-7.1739	3.3054	0.524
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4275	-7.1156	4.2446	0.678
4276	-7.0789	4.7055	0.689
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4295	-5.5895	4.6591	1.765
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4305	-4.7649	2.7113	2.383
4306	-4.6988	2.4779	2.417
4307	-4.6382	2.2222	2.447
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4456	-5.1691	4.0555	-5.814
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4460	-6.2158	4.389	-5.823
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4462	-6.6691	4.5553	-5.017
4463	-6.877	4.6054	-4.676
4464	-7.0725	4.6224	-4.372
4465	-7.2557	4.6054	-4.103
4466	-7.4266	4.5553	-3.866
4467	-7.5845	4.4722	-3.631
4468	-7.7304	4.389	-3.425
4469	-7.8656	4.3054	-3.242
4470	-7.9914	4.2223	-3.081
4471	-8.1088	4.1387	-2.94
4472	-8.2189	4.0555	-2.819
4473	-8.3223	3.9442	-2.718
4474	-8.4195	3.8057	-2.639
4475	-8.5107	3.6389	-2.583
4476	-8.5964	3.4444	-2.551

4477	-8.6763	3.2223	-2.527
4478	-8.7503	3.0001	-2.511
4479	-8.8188	2.7779	-2.501
4480	-8.8819	2.5557	-2.497
4481	-8.9397	2.3335	-2.495
4482	-8.9901	2.1109	-2.399
4483	-9.034	2.0139	-2.262
4484	-9.0738	2.0425	-2.092
4485	-9.1112	2.1959	-1.895
4486	-9.1473	2.4748	-1.677
4487	-9.1824	2.8789	-1.443
4488	-9.2155	3.2826	-1.206
4489	-9.2451	3.6867	-0.98
4490	-9.2698	4.0909	-0.764
4491	-9.2922	4.495	-0.653
4492	-9.3141	4.8991	-0.596
4493	-9.3373	5.3032	-0.586
4494	-9.3639	5.5652	-0.62
4495	-9.3957	5.6855	-0.696
4496	-9.4345	5.6635	-0.813
4497	-9.4806	5.4999	-0.958
4498	-9.5339	5.1946	-1.126
4499	-9.5943	4.8888	-1.329
4500	-9.6626	4.5835	-1.573
4501	-9.7389	4.2777	-1.852
4502	-9.8226	3.9724	-2.16
4503	-9.9124	3.6666	-2.483
4504	-10.008	3.4498	-2.805
4505	-10.109	3.3224	-3.116
4506	-10.217	3.2835	-3.412
4507	-10.334	3.3331	-3.687
4508	-10.463	3.4722	-3.923

4509	-10.604	3.6112	-4.101
4510	-10.754	3.7498	-4.224
4511	-10.914	3.8888	-4.302
4512	-11.08	4.0278	-4.348
4513	-11.254	4.1669	-4.377
4514	-11.434	4.2777	-4.399
4515	-11.619	4.3613	-4.418
4516	-11.808	4.4168	-4.433
4517	-11.999	4.4445	-4.449
4518	-12.192	4.4445	-4.466
4519	-12.384	4.4445	-4.47
4520	-12.576	4.4445	-4.456
4521	-12.767	4.4445	-4.42
4522	-12.954	4.4445	-4.357
4523	-13.138	4.461	-4.263
4524	-13.317	4.4945	-4.136
4525	-13.491	4.5446	-3.979
4526	-13.659	4.6112	-3.791
4527	-13.819	4.6944	-3.588
4528	-13.973	4.778	-3.377
4529	-14.119	4.8611	-3.158
4530	-14.256	4.9443	-2.931
4531	-14.384	5.0279	-2.697
4532	-14.502	5.111	-2.456
4533	-14.61	5.2831	-2.211
4534	-14.709	5.5446	-1.964
4535	-14.8	5.8942	-1.718
4536	-14.882	6.3332	-1.474
4537	-14.956	6.8612	-1.242
4538	-15.02	7.3887	-1.03
4539	-15.074	7.9166	-0.841
4540	-15.119	8.4446	-0.677

4541	-15.154	8.9721	-0.538
4542	-15.181	9.5	-0.422
4543	-15.2	9.8443	-0.326
4544	-15.211	10.006	-0.245
4545	-15.216	9.9833	-0.178
4546	-15.215	9.7777	-0.12
4547	-15.209	9.3887	-0.062
4548	-15.198	8.9998	-0.011
4549	-15.183	8.6109	0.037
4550	-15.165	8.2224	0.081
4551	-15.145	7.8335	0.12
4552	-15.123	7.4446	0.155
4553	-15.1	7.2224	0.185
4554	-15.076	7.1665	0.208
4555	-15.05	7.2778	0.224
4556	-15.023	7.5554	0.232
4557	-14.994	7.9998	0.239
4558	-14.964	8.4446	0.243
4559	-14.931	8.8889	0.245
4560	-14.897	9.3333	0.244
4561	-14.861	9.7777	0.241
4562	-14.825	10.222	0.238
4563	-14.787	10.65	0.234
4564	-14.747	11.061	0.23
4565	-14.707	11.455	0.225
4566	-14.667	11.833	0.22
4567	-14.625	12.194	0.215
4568	-14.583	12.556	0.209
4569	-14.541	12.917	0.203
4570	-14.498	13.278	0.197
4571	-14.454	13.639	0.191
4572	-14.411	14	0.184

4573	-14.367	14.228	0.178
4574	-14.324	14.322	0.172
4575	-14.282	14.283	0.166
4576	-14.241	14.111	0.16
4577	-14.201	13.805	0.154
4578	-14.163	13.5	0.149
4579	-14.126	13.194	0.143
4580	-14.091	12.889	0.138
4581	-14.058	12.583	0.132
4582	-14.026	12.278	0.126
4583	-13.996	11.889	0.119
4584	-13.968	11.417	0.112
4585	-13.942	10.861	0.103
4586	-13.918	10.222	0.094
4587	-13.897	9.5	0.085
4588	-13.878	8.7776	0.075
4589	-13.861	8.0557	0.067
4590	-13.847	7.3332	0.058
4591	-13.834	6.6113	0.049
4592	-13.824	5.8889	0.04
4593	-13.815	5.3113	0.03
4594	-13.807	4.8777	0.02
4595	-13.8	4.5889	0.01
4596	-13.794	4.4445	0.001
4597	-13.789	4.4445	-0.009
4598	-13.784	4.4445	-0.019
4599	-13.779	4.4445	-0.029
4600	-13.775	4.4445	-0.037
4601	-13.771	4.4445	-0.045
4602	-13.768	4.4445	-0.051
4603	-13.765	4.4221	-0.057
4604	-13.762	4.3779	-0.061

4605	-13.759	4.3113	-0.065
4606	-13.756	4.2223	-0.067
4607	-13.754	4.111	-0.07
4608	-13.751	4.0001	-0.073
4609	-13.749	3.8888	-0.076
4610	-13.747	3.7779	-0.079
4611	-13.745	3.6666	-0.081
4612	-13.744	3.5558	-0.084
4613	-13.742	3.4999	-0.085
4614	-13.74	3.4999	-0.086
4615	-13.739	3.5558	-0.086
4616	-13.737	3.6666	-0.085
4617	-13.735	3.8334	-0.083
4618	-13.733	4.0001	-0.081
4619	-13.731	4.1669	-0.078
4620	-13.729	4.3332	-0.074
4621	-13.726	4.4999	-0.07
4622	-13.723	4.6667	-0.066
4623	-13.72	4.7833	-0.063
4624	-13.717	4.8499	-0.059
4625	-13.713	4.8665	-0.055
4626	-13.709	4.8334	-0.052
4627	-13.705	4.7498	-0.048
4628	-13.701	4.6667	-0.045
4629	-13.697	4.5835	-0.042
4630	-13.693	4.4999	-0.04
4631	-13.689	4.4168	-0.037
4632	-13.685	4.3332	-0.035
4633	-13.68	4.2612	-0.032
4634	-13.676	4.1999	-0.03
4635	-13.672	4.1499	-0.027
4636	-13.668	4.111	-0.025

4637	-13.663	4.0833	-0.022
4638	-13.659	4.0555	-0.02
4639	-13.654	4.0278	-0.018
4640	-13.649	4.0001	-0.016
4641	-13.645	3.9724	-0.014
4642	-13.64	3.9442	-0.013
4643	-13.636	3.8723	-0.012
4644	-13.631	3.7556	-0.011
4645	-13.627	3.5946	-0.011
4646	-13.622	3.389	-0.01
4647	-13.618	3.1387	-0.011
4648	-13.615	2.8888	-0.011
4649	-13.612	2.6389	-0.011
4650	-13.609	2.389	-0.011
4651	-13.606	2.1391	-0.011
4652	-13.603	1.8887	-0.011
4653	-13.601	1.7113	-0.011
4654	-13.599	1.6058	-0.011
4655	-13.597	1.5722	-0.011
4656	-13.596	1.6111	-0.011
4657	-13.594	1.722	-0.011
4658	-13.591	1.8333	-0.013
4659	-13.589	1.9446	-0.014
4660	-13.587	2.0555	-0.015
4661	-13.584	2.1668	-0.016
4662	-13.582	2.2777	-0.018
4663	-13.579	2.3778	-0.019
4664	-13.577	2.4668	-0.02
4665	-13.574	2.5446	-0.022
4666	-13.571	2.6112	-0.023
4667	-13.568	2.6666	-0.023
4668	-13.566	2.722	-0.023

4669	-13.563	2.7779	-0.024
4670	-13.56	2.8333	-0.026
4671	-13.557	2.8888	-0.029
4672	-13.554	2.9447	-0.033
4673	-13.551	2.95	-0.039
4674	-13.549	2.9058	-0.046
4675	-13.547	2.811	-0.053
4676	-13.545	2.6666	-0.06
4677	-13.543	2.4721	-0.068
4678	-13.542	2.2777	-0.074
4679	-13.541	2.0832	-0.08
4680	-13.54	1.8887	-0.084
4681	-13.539	1.6943	-0.087
4682	-13.538	1.4998	-0.089
4683	-13.538	1.3568	-0.089
4684	-13.537	1.2647	-0.089
4685	-13.537	1.224	-0.089
4686	-13.536	1.2347	-0.089
4687	-13.535	1.2964	-0.089
4688	-13.535	1.3581	-0.089
4689	-13.534	1.4198	-0.089
4690	-13.534	1.4815	-0.089
4691	-13.533	1.5432	-0.089
4692	-13.532	1.587	-0.089
4693	-13.532	1.6129	-0.089
4694	-13.531	1.621	-0.089
4695	-13.53	1.6111	-0.089
4696	-13.53	1.5834	-0.089
4697	-13.529	1.5557	-0.089
4698	-13.529	1.528	-0.089
4699	-13.528	1.4998	-0.089
4700	-13.527	1.4721	-0.089

4701	-13.527	1.4444	-0.089
4702	-13.526	1.4332	-0.089
4703	-13.525	1.439	-0.089
4704	-13.525	1.4609	-0.089
4705	-13.524	1.4998	-0.089
4706	-13.524	1.5557	-0.089
4707	-13.523	1.6111	-0.089
4708	-13.522	1.6666	-0.089
4709	-13.522	1.722	-0.089
4710	-13.521	1.7779	-0.089
4711	-13.52	1.8333	-0.089
4712	-13.52	1.8999	-0.134
4713	-13.521	1.9777	-0.179
4714	-13.523	2.0667	-0.226
4715	-13.526	2.1668	-0.275
4716	-13.53	2.2777	-0.324
4717	-13.536	2.389	-0.374
4718	-13.543	2.4998	-0.427
4719	-13.552	2.6112	-0.482
4720	-13.563	2.722	-0.538
4721	-13.575	2.8333	-0.551
4722	-13.587	2.95	-0.563
4723	-13.601	3.0721	-0.575
4724	-13.615	3.1999	-0.587
4725	-13.63	3.3331	-0.598
4726	-13.647	3.4722	-0.609
4727	-13.664	3.6112	-0.618
4728	-13.682	3.7498	-0.626
4729	-13.702	3.8888	-0.639
4730	-13.722	4.0278	-0.657
4731	-13.745	4.1669	-0.678
4732	-13.769	4.3613	-0.7

4733	-13.796	4.6112	-0.723
4734	-13.825	4.9165	-0.747
4735	-13.858	5.2778	-0.772
4736	-13.894	5.6944	-0.797
4737	-13.935	6.111	-0.823
4738	-13.98	6.5277	-0.842
4739	-14.029	6.9443	-0.852
4740	-14.081	7.361	-0.855
4741	-14.135	7.7776	-0.855
4742	-14.193	8.1057	-0.854
4743	-14.252	8.3444	-0.851
4744	-14.312	8.4942	-0.847
4745	-14.373	8.5555	-0.842
4746	-14.433	8.5277	-0.837
4747	-14.493	8.5	-0.833
4748	-14.553	8.4723	-0.832
4749	-14.613	8.4446	-0.845
4750	-14.676	8.4169	-0.871
4751	-14.741	8.3887	-0.907
4752	-14.81	8.4111	-0.952
4753	-14.884	8.4835	-1.004
4754	-14.963	8.6055	-1.064
4755	-15.05	8.7776	-1.132
4756	-15.146	8.9998	-1.206
4757	-15.251	9.222	-1.287
4758	-15.366	9.4446	-1.359
4759	-15.489	9.6668	-1.416
4760	-15.619	9.889	-1.46
4761	-15.755	10.111	-1.492
4762	-15.896	10.3	-1.515
4763	-16.041	10.455	-1.528
4764	-16.189	10.578	-1.531

4765	-16.337	10.667	-1.527
4766	-16.485	10.722	-1.513
4767	-16.631	10.778	-1.495
4768	-16.777	10.833	-1.482
4769	-16.923	10.889	-1.472
4770	-17.069	10.944	-1.463
4771	-17.214	11	-1.455
4772	-17.359	11.061	-1.448
4773	-17.505	11.128	-1.442
4774	-17.65	11.2	-1.436
4775	-17.797	11.278	-1.431
4776	-17.943	11.361	-1.427
4777	-18.09	11.444	-1.42
4778	-18.237	11.528	-1.405
4779	-18.381	11.611	-1.377
4780	-18.522	11.695	-1.338
4781	-18.657	11.778	-1.287
4782	-18.787	11.872	-1.225
4783	-18.908	11.978	-1.151
4784	-19.021	12.094	-1.067
4785	-19.123	12.222	-0.971
4786	-19.214	12.361	-0.866
4787	-19.292	12.5	-0.759
4788	-19.358	12.639	-0.66
4789	-19.414	12.778	-0.568
4790	-19.459	12.917	-0.484
4791	-19.495	13.055	-0.408
4792	-19.523	13.067	-0.339
4793	-19.542	12.95	-0.276
4794	-19.553	12.705	-0.219
4795	-19.558	12.333	-0.167
4796	-19.556	11.833	-0.119

4797	-19.549	11.333	-0.068
4798	-19.536	10.833	-0.017
4799	-19.518	10.333	0.038
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4802	-19.434	8.8223	0.236
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4805	-19.303	7.2224	0.521
4806	-19.249	6.6667	0.648
4807	-19.19	6.111	0.803
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4809	-19.056	5.0001	1.179
4810	-18.983	4.4445	1.398
4811	-18.91	3.8888	1.63
4812	-18.837	3.4333	1.866
4813	-18.765	3.0779	2.098
4814	-18.692	2.8222	2.322
4815	-18.619	2.6666	2.534
4816	-18.544	2.6112	2.728
4817	-18.465	2.5557	2.907
4818	-18.385	2.4998	3.065
4819	-18.303	2.4444	3.183
4820	-18.221	2.389	3.26
4821	-18.14	2.3335	3.301
4822	-18.06	2.3054	3.307
4823	-17.982	2.3054	3.277
4824	-17.904	2.3335	3.212
4825	-17.828	2.389	3.113
4826	-17.752	2.4721	2.979
4827	-17.678	2.5557	2.818
4828	-17.606	2.6389	2.647

4829	-17.536	2.722	2.48
4830	-17.468	2.8056	2.323
4831	-17.402	2.8888	2.184
4832	-17.338	2.9335	2.063
4833	-17.277	2.9388	1.962
4834	-17.218	2.9058	1.878
4835	-17.162	2.8333	1.812
4836	-17.11	2.722	1.76
4837	-17.06	2.6112	1.728
4838	-17.013	2.4998	1.707
4839	-16.969	2.389	1.693
4840	-16.927	2.2777	1.684
4841	-16.886	2.1668	1.677
4842	-16.849	2.0345	1.672
4843	-16.813	1.8816	1.669
4844	-16.781	1.7072	1.667
4845	-16.752	1.5123	1.667
4846	-16.727	1.2964	1.667
4847	-16.705	1.08	1.667
4848	-16.688	0.86413	1.667
4849	-16.674	0.64821	1.667
4850	-16.665	0.43229	1.667
4851	-16.658	0.32589	1.667
4852	-16.652	0.32947	1.667
4853	-16.645	0.44302	1.667
4854	-16.635	0.66654	1.667
4855	-16.619	1	1.784
4856	-16.596	1.3335	1.879
4857	-16.564	1.6666	1.961
4858	-16.525	2.0001	2.034
4859	-16.476	2.3335	2.099
4860	-16.419	2.6666	2.164

4861	-16.353	2.9223	2.235
4862	-16.279	3.0998	2.315
4863	-16.2	3.1999	2.404
4864	-16.119	3.2223	2.386
4865	-16.038	3.1668	2.4
4866	-15.957	3.111	2.437
4867	-15.876	3.0555	2.497
4868	-15.794	3.0001	2.579
4869	-15.711	2.9447	2.676
4870	-15.626	2.8888	2.79
4871	-15.54	2.794	2.896
4872	-15.455	2.6594	2.992
4873	-15.372	2.486	3.078
4874	-15.294	2.2728	3.155
4875	-15.222	2.0202	3.221
4876	-15.158	1.7676	3.274
4877	-15.101	1.515	3.312
4878	-15.053	1.2624	3.335
4879	-15.014	1.0103	3.335
4880	-14.983	0.75773	3.335
4881	-14.961	0.50516	3.335
4882	-14.945	0.42514	3.335
4883	-14.929	0.51812	3.21
4884	-14.909	0.78366	3.014
4885	-14.88	1.2222	2.772
4886	-14.84	1.8333	2.498
4887	-14.79	2.4444	2.201
4888	-14.734	3.0555	1.89
4889	-14.677	3.6666	1.565
4890	-14.623	4.2777	1.229
4891	-14.577	4.8888	0.884
4892	-14.536	5.5554	0.658

4893	-14.499	6.2778	0.497
4894	-14.465	7.0556	0.376
4895	-14.434	7.8889	0.284
4896	-14.405	8.7776	0.211
4897	-14.38	9.6668	0.15
4898	-14.356	10.556	0.101
4899	-14.335	11.444	0.061
4900	-14.316	12.333	0.027
4901	-14.3	13.222	0
4902	-14.285	13.966	-0.024
4903	-14.273	14.567	-0.044
4904	-14.263	15.022	-0.062
4905	-14.255	15.333	-0.078
4906	-14.249	15.5	-0.093
4907	-14.245	15.667	-0.108
4908	-14.244	15.833	-0.121
4909	-14.245	16	-0.134
4910	-14.247	16.167	-0.146
4911	-14.251	16.334	-0.158
4912	-14.258	16.444	-0.168
4913	-14.265	16.5	-0.178
4914	-14.275	16.5	-0.188
4915	-14.286	16.444	-0.197
4916	-14.298	16.334	-0.206
4917	-14.312	16.222	-0.215
4918	-14.327	16.111	-0.224
4919	-14.344	16	-0.233
4920	-14.362	15.889	-0.244
4921	-14.381	15.778	-0.255
4922	-14.403	15.589	-0.267
4923	-14.426	15.322	-0.28
4924	-14.451	14.978	-0.294

4925	-14.477	14.556	-0.311
4926	-14.506	14.055	-0.329
4927	-14.536	13.556	-0.349
4928	-14.568	13.055	-0.371
4929	-14.601	12.556	-0.392
4930	-14.636	12.055	-0.414
4931	-14.672	11.556	-0.436
4932	-14.709	11.039	-0.458
4933	-14.747	10.505	-0.481
4934	-14.785	9.9556	-0.504
4935	-14.824	9.3887	-0.528
4936	-14.862	8.8053	-0.553
4937	-14.901	8.2224	-0.582
4938	-14.939	7.639	-0.613
4939	-14.977	7.0556	-0.646
4940	-15.014	6.4722	-0.678
4941	-15.049	5.8889	-0.706
4942	-15.083	5.4557	-0.726
4943	-15.115	5.1723	-0.738
4944	-15.147	5.039	-0.741
4945	-15.177	5.0556	-0.735
4946	-15.207	5.2223	-0.72
4947	-15.237	5.3891	-0.695
4948	-15.266	5.5554	-0.662
4949	-15.294	5.7221	-0.625
4950	-15.321	5.8889	-0.586
4951	-15.346	6.0556	-0.549
4952	-15.369	6.1665	-0.514
4953	-15.391	6.2223	-0.482
4954	-15.411	6.2223	-0.452
4955	-15.429	6.1665	-0.423
4956	-15.445	6.0556	-0.396

4957	-15.46	5.9443	-0.371
4958	-15.473	5.8334	-0.35
4959	-15.484	5.7221	-0.332
4960	-15.495	5.6112	-0.317
4961	-15.505	5.4999	-0.305
4962	-15.514	5.3332	-0.297
4963	-15.522	5.111	-0.293
4964	-15.53	4.8334	-0.293
4965	-15.538	4.4999	-0.298
4966	-15.546	4.111	-0.309
4967	-15.553	3.7221	-0.32
4968	-15.56	3.3331	-0.331
4969	-15.567	2.9447	-0.342
4970	-15.573	2.5557	-0.352
4971	-15.578	2.1668	-0.361
4972	-15.583	1.861	-0.368
4973	-15.587	1.6388	-0.374
4974	-15.591	1.4998	-0.377
4975	-15.595	1.4444	-0.377
4976	-15.599	1.4721	-0.377
4977	-15.602	1.4998	-0.377
4978	-15.606	1.528	-0.377
4979	-15.61	1.5557	-0.377
4980	-15.614	1.5834	-0.377
4981	-15.618	1.6111	-0.377
4982	-15.622	1.6388	-0.377
4983	-15.626	1.6666	-0.377
4984	-15.63	1.6943	-0.377
4985	-15.634	1.722	-0.377
4986	-15.638	1.7502	-0.377
4987	-15.643	1.7779	-0.377
4988	-15.647	1.8056	-0.377

4989	-15.651	1.8333	-0.377
4990	-15.656	1.861	-0.377
4991	-15.661	1.8887	-0.377
4992	-15.665	1.9048	-0.377
4993	-15.67	1.9093	-0.377
4994	-15.675	1.9017	-0.377
4995	-15.679	1.8829	-0.377
4996	-15.684	1.8516	-0.377
4997	-15.689	1.8208	-0.377
4998	-15.693	1.7899	-0.377
4999	-15.697	1.7591	-0.377
5000	-15.702	1.7283	-0.377
5001	-15.706	1.7314	-0.377
5002	-15.71	1.7685	-0.377
5003	-15.721	1.8396	-0.715
5004	-15.738	1.9446	-1.059
5005	-15.764	2.0832	-1.41
5006	-15.799	2.2222	-1.766
5007	-15.845	2.3613	-2.134
5008	-15.903	2.4998	-2.521
5009	-15.974	2.6389	-2.897
5010	-16.059	2.7779	-3.274
5011	-16.158	2.828	-3.652
5012	-16.258	2.7891	-3.691
5013	-16.356	2.6612	-3.724
5014	-16.448	2.4444	-3.75
5015	-16.532	2.1391	-3.772
5016	-16.604	1.8333	-3.781
5017	-16.665	1.528	-3.772
5018	-16.715	1.2222	-3.773
5019	-16.754	0.91688	-3.773
5020	-16.782	0.6111	-3.773

5021	-16.8	0.39429	-3.773
5022	-16.812	0.26688	-3.773
5023	-16.821	0.22799	-3.773
5024	-16.831	0.27761	-3.773
5025	-16.843	0.41664	-3.773
5026	-16.861	0.55567	-3.773
5027	-16.884	0.69425	-3.773
5028	-16.911	0.83328	-3.773
5029	-16.944	0.97231	-3.773
5030	-16.973	1.1109	-2.93
5031	-16.998	1.3335	-2.156
5032	-17.018	1.6388	-1.434
5033	-17.029	2.0278	-0.749
5034	-17.028	2.4998	-0.092
5035	-17.009	3.0555	0.544
5036	-16.966	3.6112	1.162
5037	-16.892	4.1669	1.769
5038	-16.782	4.7221	2.352
5039	-16.672	5.2778	2.076
5040	-16.561	5.8334	1.857
5041	-16.452	6.1888	1.684
5042	-16.348	6.3444	1.54
5043	-16.25	6.3001	1.417
5044	-16.161	6.0556	1.307
5045	-16.083	5.6112	1.202
5046	-16.017	5.1664	1.095
5047	-15.962	4.7221	0.993
5048	-15.916	4.2777	0.88
5049	-15.88	3.8334	0.754
5050	-15.854	3.389	0.606
5051	-15.836	3.039	0.435
5052	-15.825	2.7833	0.243

5053	-15.82	2.6223	0.032
5054	-15.822	2.5557	-0.195
5055	-15.83	2.5834	-0.435
5056	-15.844	2.6112	-0.683
5057	-15.865	2.6389	-0.933
5058	-15.892	2.6666	-1.152
5059	-15.925	2.6943	-1.34
5060	-15.962	2.722	-1.499
5061	-16.002	2.6889	-1.629
5062	-16.045	2.5946	-1.731
5063	-16.087	2.4391	-1.805
5064	-16.127	2.2222	-1.853
5065	-16.163	1.9446	-1.874
5066	-16.194	1.6666	-1.866
5067	-16.221	1.389	-1.865
5068	-16.243	1.1109	-1.865
5069	-16.26	0.83328	-1.865
5070	-16.272	0.55567	-1.865
5071	-16.28	0.36657	-1.865
5072	-16.285	0.26688	-1.865
5073	-16.29	0.25571	-1.865
5074	-16.295	0.33349	-1.865
5075	-16.302	0.49979	-1.865
5076	-16.312	0.66654	-1.865
5077	-16.325	0.83328	-1.865
5078	-16.341	1	-1.865
5079	-16.36	1.1668	-1.865
5080	-16.379	1.3335	-1.685
5081	-16.399	1.5499	-1.5
5082	-16.419	1.8168	-1.311
5083	-16.438	2.1333	-1.118
5084	-16.457	2.4998	-0.923

5085	-16.473	2.9165	-0.727
5086	-16.485	3.3331	-0.528
5087	-16.492	3.7498	-0.329
5088	-16.492	4.1669	-0.128
5089	-16.491	4.5835	-0.105
5090	-16.489	5.0001	-0.087
5091	-16.486	5.4387	-0.071
5092	-16.482	5.9	-0.058
5093	-16.477	6.3833	-0.046
5094	-16.47	6.8889	-0.035
5095	-16.463	7.4168	-0.025
5096	-16.454	7.9443	-0.016
5097	-16.444	8.4723	-0.008
5098	-16.432	8.9998	-0.001
5099	-16.42	9.5278	0.006
5100	-16.406	10.056	0.012
5101	-16.391	10.5	0.017
5102	-16.375	10.861	0.021
5103	-16.357	11.139	0.026
5104	-16.339	11.333	0.03
5105	-16.321	11.444	0.034
5106	-16.301	11.556	0.037
5107	-16.281	11.667	0.041
5108	-16.261	11.778	0.045
5109	-16.239	11.889	0.054
5110	-16.215	12	0.068
5111	-16.189	12.078	0.088
5112	-16.16	12.122	0.113
5113	-16.126	12.133	0.144
5114	-16.089	12.111	0.18
5115	-16.046	12.055	0.222
5116	-15.998	12	0.27

5117	-15.943	11.944	0.324
5118	-15.882	11.889	0.381
5119	-15.815	11.833	0.441
5120	-15.739	11.778	0.507
5121	-15.656	11.5	0.585
5122	-15.565	11	0.68
5123	-15.466	10.278	0.801
5124	-15.359	9.3333	0.962
5125	-15.243	8.1665	1.191
5126	-15.116	7.0002	1.545
5127	-14.986	5.8334	1.89
5128	-14.863	4.6667	2.227
5129	-14.753	3.4999	2.551
5130	-14.666	2.3335	2.858
5131	-14.603	1.5333	3.142
5132	-14.553	1.1002	3.626
5133	-14.51	1.0331	3.935
5134	-14.46	1.3335	4.089
5135	-14.391	2.0001	4.055
5136	-14.295	2.6666	3.98
5137	-14.175	3.3331	3.875
5138	-14.033	4.0001	3.738
5139	-13.872	4.6667	3.576
5140	-13.696	5.3332	3.396
5141	-13.521	5.9443	2.968
5142	-13.348	6.5	2.656
5143	-13.177	7.0002	2.413
5144	-13.007	7.4446	2.217
5145	-12.84	7.8335	2.051
5146	-12.677	8.2224	1.907
5147	-12.515	8.6109	1.788
5148	-12.355	8.9998	1.686

5149	-12.197	9.3887	1.597
5150	-12.039	9.7777	1.516
5151	-11.882	10.139	1.442
5152	-11.727	10.472	1.374
5153	-11.574	10.778	1.312
5154	-11.423	11.056	1.254
5155	-11.274	11.306	1.201
5156	-11.128	11.556	1.151
5157	-10.984	11.805	1.103
5158	-10.841	12.055	1.06
5159	-10.701	12.306	1.02
5160	-10.563	12.556	0.983
5161	-10.427	12.7	0.95
5162	-10.293	12.739	0.921
5163	-10.162	12.672	0.895
5164	-10.036	12.5	0.872
5165	-9.9148	12.222	0.853
5166	-9.7981	11.944	0.835
5167	-9.686	11.667	0.819
5168	-9.5783	11.389	0.804
5169	-9.4748	11.111	0.789
5170	-9.3756	10.817	0.775
5171	-9.2807	10.505	0.759
5172	-9.1903	10.178	0.744
5173	-9.1045	9.8331	0.727
5174	-9.0235	9.4723	0.709
5175	-8.9472	9.1111	0.691
5176	-8.8756	8.7499	0.671
5177	-8.8088	8.3887	0.649
5178	-8.7465	8.0279	0.628
5179	-8.6886	7.6667	0.608
5180	-8.6348	7.3109	0.587

5181	-8.5852	6.9613	0.565
5182	-8.5396	6.6166	0.542
5183	-8.4977	6.2778	0.519
5184	-8.4595	5.9443	0.494
5185	-8.4249	5.6112	0.468
5186	-8.3939	5.2778	0.439
5187	-8.3666	4.9443	0.405
5188	-8.3426	4.6112	0.372
5189	-8.3218	4.2777	0.337
5190	-8.3041	3.9389	0.3
5191	-8.2892	3.5946	0.265
5192	-8.2767	3.2446	0.234
5193	-8.2664	2.8888	0.207
5194	-8.2579	2.5276	0.184
5195	-8.2509	2.1668	0.167
5196	-8.2452	1.8056	0.156
5197	-8.2407	1.4444	0.146
5198	-8.2373	1.0832	0.141
5199	-8.2348	0.72242	0.141
5200	-8.2331	0.54449	0.141
5201	-8.2316	0.54986	0.141
5202	-8.2301	0.73896	0.098
5203	-8.2283	1.1109	0.066
5204	-8.2259	1.6666	0.041
5205	-8.223	2.2222	0.021
5206	-8.2196	2.7779	0.005
5207	-8.2159	3.3331	-0.008
5208	-8.2117	3.8888	-0.016
5209	-8.2069	4.4445	-0.014
5210	-8.2009	4.9443	-0.003
5211	-8.1911	5.3891	0.06
5212	-8.1771	5.7775	0.12

5213	-8.1587	6.111	0.179
5214	-8.1355	6.3891	0.241
5215	-8.1071	6.6667	0.304
5216	-8.073	6.9443	0.37
5217	-8.0328	7.2224	0.438
5218	-7.9861	7.5	0.504
5219	-7.9329	7.7776	0.566
5220	-7.8732	7.9832	0.627
5221	-7.8074	8.1165	0.687
5222	-7.7358	8.1777	0.748
5223	-7.659	8.1665	0.809
5224	-7.5775	8.0834	0.873
5225	-7.4916	7.9998	0.938
5226	-7.4012	7.9166	1.005
5227	-7.3062	7.8335	1.076
5228	-7.2064	7.7499	1.15
5229	-7.1016	7.6667	1.229
5230	-6.992	7.4888	1.317
5231	-6.878	7.2166	1.419
5232	-6.7607	6.85	1.538
5233	-6.6408	6.3891	1.681
5234	-6.5193	5.8334	1.858
5235	-6.3965	5.2778	2.081
5236	-6.2721	4.7221	2.358
5237	-6.1467	4.1669	2.692
5238	-6.0244	3.6112	3.015
5239	-5.9094	3.0555	3.322
5240	-5.8024	2.6335	3.633
5241	-5.7026	2.3443	3.884
5242	-5.6074	2.1887	4.07
5243	-5.5135	2.1668	4.185
5244	-5.417	2.2777	4.219

5245	-5.3169	2.389	4.161
5246	-5.2157	2.4998	4.015
5247	-5.1141	2.6112	3.848
5248	-5.0129	2.722	3.667
5249	-4.9135	2.8333	3.447
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5252	-4.6251	3.1668	2.917
5253	-4.5314	3.2777	2.776
5254	-4.4388	3.389	2.65
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5256	-4.2555	3.6112	2.44
5257	-4.1647	3.7221	2.347
5258	-4.0742	3.8334	2.265
5259	-3.9841	3.9442	2.189
5260	-3.8943	4.0332	2.12
5261	-3.8054	4.0998	2.057
5262	-3.7175	4.1445	2.001
5263	-3.631	4.1669	1.951
5264	-3.5462	4.1669	1.905
5265	-3.4632	4.1669	1.863
5266	-3.3818	4.1669	1.824
5267	-3.302	4.1669	1.783
5268	-3.2239	4.1669	1.744
5269	-3.1474	4.1669	1.707
5270	-3.0722	4.1722	1.673
5271	-2.9982	4.1834	1.64
5272	-2.9254	4.1999	1.608
5273	-2.8534	4.2223	1.579
5274	-2.7821	4.25	1.552
5275	-2.7115	4.2777	1.526
5276	-2.6414	4.3054	1.504

5277	-2.5714	4.3332	1.489
5278	-2.5014	4.3613	1.48
5279	-2.4316	4.389	1.465
5280	-2.3628	4.3501	1.444
5281	-2.2963	4.2446	1.418
5282	-2.2332	4.0721	1.386
5283	-2.175	3.8334	1.344
5284	-2.1227	3.5276	1.291
5285	-2.0765	3.2223	1.238
5286	-2.0361	2.9165	1.185
5287	-2.0014	2.6112	1.126
5288	-1.9717	2.3054	1.076
5289	-1.9466	2.0001	1.034
5290	-1.9256	1.7278	1
5291	-1.9078	1.4891	0.975
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5294	-1.8682	0.97231	0.961
5295	-1.8584	0.83328	0.961
5296	-1.85	0.69425	0.961
5297	-1.8432	0.55567	0.961
5298	-1.8379	0.41664	0.961
5299	-1.8341	0.27761	0.961
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5301	-1.8284	0.29996	0.961
5302	-1.8242	0.4609	0.961
5303	-1.8178	0.72242	0.961
5304	-1.809	1.0832	0.843
5305	-1.7982	1.4444	0.723
5306	-1.7863	1.8056	0.603
5307	-1.7741	2.1668	0.482
5308	-1.7621	2.5276	0.38

5309	-1.7506	2.8888	0.296
5310	-1.7397	3.1668	0.23
5311	-1.7294	3.3613	0.183
5312	-1.7196	3.4722	0.156
5313	-1.7058	3.4999	0.267
5314	-1.6874	3.4444	0.4
5315	-1.6639	3.389	0.556
5316	-1.6348	3.3331	0.735
5317	-1.6001	3.2777	0.921
5318	-1.5602	3.2223	1.096
5319	-1.5162	3.1668	1.247
5320	-1.4692	3.089	1.373
5321	-1.4204	2.9889	1.473
5322	-1.3711	2.8669	1.554
5323	-1.3224	2.722	1.613
5324	-1.2754	2.5557	1.651
5325	-1.231	2.389	1.665
5326	-1.1899	2.2222	1.655
5327	-1.1521	2.0555	1.636
5328	-1.1175	1.8887	1.624
5329	-1.0859	1.722	1.618
5330	-1.0567	1.6223	1.618
5331	-1.0286	1.5888	1.618
5332	-1.0006	1.6223	1.618
5333	-0.97565	1.722	1.359
5334	-0.95382	1.8887	1.079
5335	-0.9358	2.0555	0.783
5336	-0.92294	2.2222	0.471
5337	-0.9167	2.389	0.14
5338	-0.91864	2.5557	-0.209
5339	-0.93037	2.722	-0.575
5340	-0.9535	2.8333	-0.963

5341	-0.98913	2.8888	-1.376
5342	-1.0303	2.8888	-1.556
5343	-1.0765	2.8333	-1.747
5344	-1.1272	2.722	-1.953
5345	-1.1808	2.6112	-2.143
5346	-1.2366	2.4998	-2.315
5347	-1.2937	2.389	-2.468
5348	-1.3514	2.2777	-2.604
5349	-1.4089	2.1668	-2.719
5350	-1.4659	2.089	-2.808
5351	-1.5225	2.0443	-2.871
5352	-1.579	2.0331	-2.903
5353	-1.6352	2.0555	-2.881
5354	-1.6915	2.1109	-2.833
5355	-1.7477	2.1668	-2.762
5356	-1.8033	2.2222	-2.665
5357	-1.8576	2.2777	-2.541
5358	-1.9095	2.3335	-2.385
5359	-1.9582	2.389	-2.192
5360	-2.003	2.4945	-1.967
5361	-2.0437	2.6501	-1.713
5362	-2.0803	2.8557	-1.459
5363	-2.1125	3.111	-1.21
5364	-2.1398	3.4167	-0.968
5365	-2.1614	3.7221	-0.735
5366	-2.1764	4.0278	-0.517
5367	-2.1842	4.3332	-0.318
5368	-2.1849	4.6389	-0.146
5369	-2.1786	4.9443	0.001
5370	-2.1654	5.1776	0.13
5371	-2.1457	5.339	0.245
5372	-2.1198	5.428	0.35

5373	-2.0884	5.4445	0.447
5374	-2.0521	5.3891	0.54
5375	-2.0113	5.3332	0.63
5376	-1.9663	5.2778	0.718
5377	-1.917	5.2223	0.808
5378	-1.8639	5.1664	0.893
5379	-1.8073	5.111	0.97
5380	-1.7479	5.0556	1.039
5381	-1.6861	5.0001	1.099
5382	-1.6225	4.9443	1.149
5383	-1.5575	4.8888	1.191
5384	-1.4917	4.8334	1.224
5385	-1.4255	4.778	1.247
5386	-1.3594	4.7221	1.26
5387	-1.2936	4.6667	1.271
5388	-1.2283	4.6112	1.278
5389	-1.1637	4.5553	1.28
5390	-1.1	4.4999	1.276
5391	-1.0375	4.4445	1.267
5392	-0.97643	4.389	1.252
5393	-0.91706	4.3332	1.231
5394	-0.85961	4.2777	1.204
5395	-0.80434	4.2223	1.17
5396	-0.75147	4.1669	1.13
5397	-0.701	4.111	1.089
5398	-0.65284	4.0555	1.049
5399	-0.60687	4.0001	1.011
5400	-0.56307	3.9165	0.976
5401	-0.52159	3.8057	0.944
5402	-0.48256	3.6666	0.914
5403	-0.44607	3.4999	0.888
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5405	-0.38107	3.111	0.841
5406	-0.35233	2.9165	0.823
5407	-0.32587	2.722	0.808
5408	-0.30213	2.5276	0.774
5409	-0.2811	2.3335	0.735
5410	-0.26241	2.2334	0.688
5411	-0.24533	2.2276	0.635
5412	-0.22926	2.3166	0.577
5413	-0.21369	2.4998	0.516
5414	-0.19829	2.7779	0.453
5415	-0.18323	3.0555	0.386
5416	-0.169	3.3331	0.315
5417	-0.15537	3.6112	0.262
5418	-0.14238	3.8888	0.216
5419	-0.12987	4.1669	0.18
5420	-0.11792	4.2943	0.152
5421	-0.10668	4.2724	0.132
5422	-0.096192	4.0998	0.12
5423	-0.086641	3.7779	0.112
5424	-0.078194	3.3054	0.108
5425	-0.070874	2.8333	0.108
5426	-0.064602	2.3613	0.111
5427	-0.059406	1.8887	0.114
5428	-0.055316	1.4167	0.117
5429	-0.052371	0.9446	0.119
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