Dimension	Phi_d	Pi_d	Energy_Density
1	2.334280576	8.321203285	0.2805219986
1.1	2.180777139	9.246502059	0.2358488783
1.2	2.052108435	10.24824846	0.2002399184
1.3	1.94258888	11.32714058	0.1714986113
1.4	1.848152802	12.48391231	0.1480427574
1.5	1.765815089	13.71933517	0.1287099606
1.6	1.693333982	15.03422022	0.1126319794
1.7	1.628992813	16.42942013	0.09915096213
1.8	1.571454435	17.90583126	0.08776216041
1.9	1.519661579	19.46439595	0.0780739142
2	1.472767069	21.10610484	0.06977919801
2.1	1.430083949	22.83199936	0.06263507312
2.2	1.391049197	24.64317435	0.0564476466
2.3	1.355196876	26.54078078	0.05106092724
2.4	1.322137999	28.52602862	0.04634847761
2.5	1.291545201	30.60018988	0.04220709761
2.6	1.263140954	32.76460179	0.03855200079
2.7	1.236688384	35.02067015	0.03531309876
2.8	1.21198405	37.36987283	0.03243211599
2.9	1.188852223	39.81376346	0.02986033269
3	1.167140288	42.35397534	0.02755680615
3.1	1.146715051	44.99222551	0.02548695999
3.2	1.127459722	47.73031905	0.0236214579
3.3	1.109271449	50.57015357	0.0219352992
3.4	1.092059288	53.51372399	0.02040708825
3.5	1.075742514	56.5631275	0.01901844119
3.6	1.060249216	59.72056882	0.01775350164
3.7	1.045515119	62.98836572	0.01659854335
3.8	1.031482584	66.36895478	0.01554164273
3.9	1.018099772	69.86489753	0.01457240772
4	1.005319924	73.47888681	0.01368175224
4.1	0.9931007488	77.21375356	0.01286170796
4.2	0.981403897	81.07247381	0.01210526645
4.3	0.970194509	85.05817624	0.01140624631
4.4	0.959440823	89.17414988	0.01075918104
4.5	0.9491138353	93.42385244	0.01015922391
4.6	0.9391870043	97.81091888	0.009602067081
4.7	0.9296359926	102.3391705	0.009083872653
4.8	0.9204384404	107.0126247	0.008601213578
4.9	0.9115737666	111.8355045	0.008151022972
5	0.9030229938	116.8122499	
5.1	0.8947685933	121.9475281	0.007337324564

5.2	0.8867943481		0.006969119931
5.3	0.8790852312	132.7135615	0.006623929171
5.4	0.8716272971	138.3548977	0.006299938144
5.5	0.8644075854	144.1759552	0.005995504481
5.6	0.8574140339	150.1827271	0.005709138797
5.7	0.8506354018	156.3815137	0.00543948822
5.8	0.8440611998	162.7789384	0.005185321933
5.9	0.8376816277	169.3819641	0.004945518444
6	0.831487518	176.1979108	0.004719054354
6.1	0.825470285	183.2344736	0.004504994442
6.2	0.8196218791	190.4997423	0.004302482876
6.3	0.8139347447	198.0022215	0.004110735418
6.4	0.8084017826	205.7508517	0.003929032496
6.5	0.8030163157	213.755032	0.003756713038
6.6	0.7977720574	222.0246432	0.003593168964
6.7	0.7926630835	230.5700728	0.003437840279
6.8	0.7876838057	239.4022409	0.003290210663
6.9	0.7828289482	248.5326273	0.003149803536
7	0.7780935254	257.9733006	0.00301617851
7.1	0.7734728225	267.7369481	0.002888928211
7.2	0.7689623766	277.8369076	0.002767675408
7.3	0.7645579604	288.2872007	0.00265207043
7.4	0.7602555659	299.1025679	0.002541788829
7.5	0.7560513911	310.2985056	0.002436529269
7.6	0.7519418259	321.8913045	0.002336011615
7.7	0.7479234404	333.8980906	0.002239975194
7.8	0.7439929736	346.3368682	0.002148177228
7.9	0.7401473228	359.2265644	0.002060391397
8	0.7363835343	372.5870769	0.001976406537
8.1	0.7326987942	386.4393234	0.001896025456
8.2	0.7290904199	400.8052943	0.001819063846
8.3	0.7255558529	415.7081072	0.001745349297
8.4	0.7220926512	431.1720653	0.001674720394
8.5	0.7186984828	447.2227176	0.001607025883
8.6	0.7153711196	463.8869231	0.001542123918
8.7	0.7121084313	481.1929179	0.001479881363
8.8	0.7089083802	499.1703857	0.001420173152
8.9	0.7057690161	517.8505323	0.001362881704
9	0.7026884717	537.2661633	0.001307896383
9.1	0.6996649579	557.4517664	0.001255112998
9.2	0.6966967599	578.4435974	0.00120443335
9.3	0.6937822333	600.279771	0.001155764806
9.4	0.6909198003	623.0003561	0.001109019912

9.5	0.6881079466	646.6474761	0.001064116032
9.6	0.685345218	671.265414	0.001020975018
9.7	0.6826302172	696.9007231	0.000979522899
9.8	0.6799616014	723.6023438	0.000939689606
9.9	0.6773380795	751.4217255	0.000901408698

Dimension	Phi_d	Pi_d	Energy_Density
1	2.334280576	8.321203285	0.2805219986
1.1	2.180777139	9.246502059	0.2358488783
1.2	2.052108435	10.24824846	0.2002399184
1.3	1.94258888	11.32714058	0.1714986113
1.4	1.848152802	12.48391231	0.1480427574
1.5	1.765815089	13.71933517	0.1287099606
1.6	1.693333982	15.03422022	0.1126319794
1.7	1.628992813	16.42942013	0.09915096213
1.8	1.571454435	17.90583126	0.08776216041
1.9	1.519661579	19.46439595	0.0780739142
2	1.472767069	21.10610484	0.06977919801
2.1	1.430083949	22.83199936	0.06263507312
2.2	1.391049197	24.64317435	0.0564476466
2.3	1.355196876	26.54078078	0.05106092724
2.4	1.322137999	28.52602862	0.04634847761
2.5	1.291545201	30.60018988	0.04220709761
2.6	1.263140954	32.76460179	0.03855200079
2.7	1.236688384	35.02067015	0.03531309876
2.8	1.21198405	37.36987283	0.03243211599
2.9	1.188852223	39.81376346	0.02986033269
3	1.167140288	42.35397534	0.02755680615
3.1	1.146715051	44.99222551	0.02548695999
3.2	1.127459722	47.73031905	0.0236214579
3.3	1.109271449	50.57015357	0.0219352992
3.4	1.092059288	53.51372399	0.02040708825
3.5	1.075742514	56.5631275	0.01901844119
3.6	1.060249216	59.72056882	0.01775350164
3.7	1.045515119	62.98836572	0.01659854335
3.8	1.031482584	66.36895478	0.01554164273
3.9	1.018099772	69.86489753	0.01457240772
4	1.005319924	73.47888681	0.01368175224
4.1	0.9931007488	77.21375356	0.01286170796
4.2	0.981403897	81.07247381	0.01210526645
4.3	0.970194509	85.05817624	0.01140624631
4.4	0.959440823	89.17414988	0.01075918104
4.5	0.9491138353	93.42385244	0.01015922391
4.6	0.9391870043	97.81091888	0.009602067081
4.7	0.9296359926	102.3391705	0.009083872653
4.8	0.9204384404	107.0126247	0.008601213578
4.9	0.9115737666	111.8355045	0.008151022972
5	0.9030229938	116.8122499	
5.1	0.8947685933	121.9475281	0.007337324564

5.2	0.8867943481		0.006969119931
5.3	0.8790852312	132.7135615	0.006623929171
5.4	0.8716272971	138.3548977	0.006299938144
5.5	0.8644075854	144.1759552	0.005995504481
5.6	0.8574140339	150.1827271	0.005709138797
5.7	0.8506354018	156.3815137	0.00543948822
5.8	0.8440611998	162.7789384	0.005185321933
5.9	0.8376816277	169.3819641	0.004945518444
6	0.831487518	176.1979108	0.004719054354
6.1	0.825470285	183.2344736	0.004504994442
6.2	0.8196218791	190.4997423	0.004302482876
6.3	0.8139347447	198.0022215	0.004110735418
6.4	0.8084017826	205.7508517	0.003929032496
6.5	0.8030163157	213.755032	0.003756713038
6.6	0.7977720574	222.0246432	0.003593168964
6.7	0.7926630835	230.5700728	0.003437840279
6.8	0.7876838057	239.4022409	0.003290210663
6.9	0.7828289482	248.5326273	0.003149803536
7	0.7780935254	257.9733006	0.00301617851
7.1	0.7734728225	267.7369481	0.002888928211
7.2	0.7689623766	277.8369076	0.002767675408
7.3	0.7645579604	288.2872007	0.00265207043
7.4	0.7602555659	299.1025679	0.002541788829
7.5	0.7560513911	310.2985056	0.002436529269
7.6	0.7519418259	321.8913045	0.002336011615
7.7	0.7479234404	333.8980906	0.002239975194
7.8	0.7439929736	346.3368682	0.002148177228
7.9	0.7401473228	359.2265644	0.002060391397
8	0.7363835343	372.5870769	0.001976406537
8.1	0.7326987942	386.4393234	0.001896025456
8.2	0.7290904199	400.8052943	0.001819063846
8.3	0.7255558529	415.7081072	0.001745349297
8.4	0.7220926512	431.1720653	0.001674720394
8.5	0.7186984828	447.2227176	0.001607025883
8.6	0.7153711196	463.8869231	0.001542123918
8.7	0.7121084313	481.1929179	0.001479881363
8.8	0.7089083802	499.1703857	0.001420173152
8.9	0.7057690161	517.8505323	0.001362881704
9	0.7026884717	537.2661633	0.001307896383
9.1	0.6996649579	557.4517664	0.001255112998
9.2	0.6966967599	578.4435974	0.00120443335
9.3	0.6937822333	600.279771	0.001155764806
9.4	0.6909198003	623.0003561	0.001109019912

9.5	0.6881079466	646.6474761	0.001064116032
9.6	0.685345218	671.265414	0.001020975018
9.7	0.6826302172	696.9007231	0.000979522899
9.8	0.6799616014	723.6023438	0.000939689606
9.9	0.6773380795	751.4217255	0.000901408698

Dimensional Mod	Energy Decay Mo	Feedback Modula	Detectability
0.5	0.5	0.8	18.18207277
0.5	0.5	0.975	17.79415972
0.5	0.5	1.15	19.02074359
0.5	0.5	1.325	18.38837647
0.5	0.5	1.5	19.40618167
0.5	0.75	0.8	18.67284588
0.5	0.75	0.975	18.04852272
0.5	0.75	1.15	19.09764031
0.5	0.75	1.325	18.2927528
0.5	0.75	1.5	19.34200388
0.5	1	0.8	19.16617897
0.5	1	0.975	18.4172351
0.5	1	1.15	19.3610789
0.5	1	1.325	18.45548291
0.5	1	1.5	19.44105171
0.5	1.25	0.8	19.52225755
0.5	1.25	0.975	18.73870917
0.5	1.25	1.15	19.60180434
0.5	1.25	1.325	18.63771239
0.5	1.25	1.5	19.55758987
0.5	1.5	0.8	19.78338551
0.5	1.5	0.975	18.9659303
0.5	1.5	1.15	19.78843909
0.5	1.5	1.325	18.8047712
0.5	1.5	1.5	19.67862828
0.75	0.5	0.8	27.27310915
0.75	0.5	0.975	26.69123959
0.75	0.5	1.15	28.53111538
0.75	0.5	1.325	27.58256471
0.75	0.5	1.5	29.1092725
0.75	0.75	0.8	28.00926883
0.75	0.75	0.975	27.07278408
0.75	0.75	1.15	28.64646047
0.75	0.75	1.325	27.43912919
0.75	0.75	1.5	29.01300582
0.75	1	0.8	28.74926845
0.75	1	0.975	27.62585265
0.75	1	1.15	29.04161834
0.75	1	1.325	27.68322437
0.75	1	1.5	29.16157757
0.75	1.25	0.8	29.28338632
0.75	1.25	0.975	28.10806375

0.75	1.25	1.15	29.40270652
0.75	1.25	1.325	27.95656859
0.75	1.25	1.525	29.33638481
			29.67507826
0.75	1.5	0.8	
0.75	1.5	0.975	28.44889545
0.75	1.5	1.15	29.68265864
0.75	1.5	1.325	28.2071568
0.75	1.5	1.5	29.51794242
1	0.5	0.8	36.36414554
1	0.5	0.975	35.58831945
1	0.5	1.15	38.04148718
1	0.5	1.325	36.77675294
1	0.5	1.5	38.81236334
1	0.75	0.8	37.34569177
1	0.75	0.975	36.09704544
1	0.75	1.15	38.19528062
1	0.75	1.325	36.58550559
1	0.75	1.5	38.68400776
1	1	0.8	38.33235794
1	1	0.975	36.83447021
1	1	1.15	38.72215779
1	1	1.325	36.91096583
1	1	1.5	38.88210343
1	1.25	0.8	39.04451509
1	1.25	0.975	37.47741833
1	1.25	1.15	39.20360869
1	1.25	1.325	37.27542479
1	1.25	1.5	39.11517974
1	1.5	0.8	39.56677101
1	1.5	0.975	37.9318606
1	1.5	1.15	39.57687819
1	1.5	1.325	37.6095424
1	1.5	1.5	39.35725656
1.25	0.5	0.8	45.45518192
1.25	0.5	0.975	44.48539931
1.25	0.5	1.15	47.55185897
1.25	0.5	1.325	45.97094118
1.25	0.5	1.5	48.51545417
1.25	0.75	0.8	46.68211471
1.25	0.75	0.975	45.1213068
1.25	0.75	1.15	47.74410078
1.25	0.75	1.325	45.73188199
1.25	0.75	1.525	48.3550097
1.40	0.13	1.0	70.000081

1.25         1         0.975         46.04308776           1.25         1         1.15         48.40269724           1.25         1         1.325         46.13870729           1.25         1         1.5         48.60262928           1.25         1.25         0.8         48.80564387           1.25         1.25         0.975         46.84677292           1.25         1.25         1.15         49.00451086           1.25         1.25         1.15         49.00451086           1.25         1.25         1.15         49.00451086           1.25         1.25         1.5         49.00451086           1.25         1.25         1.5         48.89397468           1.25         1.5         1.325         46.59428098           1.25         1.5         1.5         48.89397468           1.25         1.5         1.5         48.89397468           1.25         1.5         1.5         49.45846377           1.25         1.5         1.5         47.01192801           1.25         1.5         1.325         47.01192801           1.25         1.5         1.325         47.01192801	1.25	1	0.8	47.91544742
1.25         1         1.15         48.40269724           1.25         1         1.325         46.13870729           1.25         1         1.5         48.60262928           1.25         1.25         0.8         48.80564387           1.25         1.25         0.975         46.84677292           1.25         1.25         1.15         49.00451086           1.25         1.25         1.15         49.00451086           1.25         1.25         1.15         49.00451086           1.25         1.25         1.15         49.00451086           1.25         1.25         1.5         48.89397468           1.25         1.5         1.325         46.59428098           1.25         1.5         1.5         48.89397468           1.25         1.5         1.5         49.45846377           1.25         1.5         1.5         49.45846377           1.25         1.5         1.5         49.45846377           1.25         1.5         1.5         49.45846377           1.25         1.5         1.5         47.01192801           1.25         1.5         1.5         47.01192801	1.25	1	0.975	46.04308776
1.25         1         1.325         46.13870729           1.25         1         1.5         48.60262928           1.25         1.25         0.8         48.80564387           1.25         1.25         0.975         46.84677292           1.25         1.25         1.15         49.00451086           1.25         1.25         1.325         46.59428098           1.25         1.25         1.5         48.89397468           1.25         1.5         0.8         49.45846377           1.25         1.5         0.8         49.45846377           1.25         1.5         0.975         47.41482574           1.25         1.5         0.975         47.41482574           1.25         1.5         1.15         49.47109774           1.25         1.5         1.325         47.01192801           1.25         1.5         1.325         47.01192801           1.25         1.5         1.5         49.19657071           1.5         1.5         49.19657071         1.5           1.5         0.5         1.5         49.19657071           1.5         0.5         1.15         57.06223077	1.25	1	1.15	48.40269724
1.25         1.25         0.8         48.80564387           1.25         1.25         0.975         46.84677292           1.25         1.25         1.15         49.00451086           1.25         1.25         1.325         46.59428098           1.25         1.25         1.5         48.89397468           1.25         1.5         0.8         49.45846377           1.25         1.5         0.975         47.41482574           1.25         1.5         1.15         49.47109774           1.25         1.5         1.325         47.01192801           1.25         1.5         1.325         47.01192801           1.25         1.5         1.325         47.01192801           1.25         1.5         1.5         49.19657071           1.5         0.5         1.5         49.19657071           1.5         0.5         0.8         54.54621831           1.5         0.5         0.8         54.54621831           1.5         0.5         1.15         57.06223077           1.5         0.5         1.325         55.16512941           1.5         0.5         1.325         55.16512941	1.25	1	1.325	46.13870729
1.25         1.25         1.15         49.00451086           1.25         1.25         1.15         49.00451086           1.25         1.25         1.325         46.59428098           1.25         1.25         1.5         48.89397468           1.25         1.5         0.8         49.45846377           1.25         1.5         0.975         47.41482574           1.25         1.5         1.15         49.47109774           1.25         1.5         1.325         47.01192801           1.25         1.5         1.325         47.01192801           1.25         1.5         1.325         47.01192801           1.25         1.5         1.5         49.19657071           1.5         0.5         1.5         49.19657071           1.5         0.5         0.8         54.54621831           1.5         0.5         0.8         54.54621831           1.5         0.5         0.975         53.38247917           1.5         0.5         1.15         57.06223077           1.5         0.5         1.325         55.16512941           1.5         0.5         1.325         55.16512941	1.25	1	1.5	48.60262928
1.25         1.25         1.15         49.00451086           1.25         1.25         1.15         49.00451086           1.25         1.25         1.325         46.59428098           1.25         1.25         1.5         48.89397468           1.25         1.5         0.8         49.45846377           1.25         1.5         0.975         47.41482574           1.25         1.5         1.15         49.47109774           1.25         1.5         1.325         47.01192801           1.25         1.5         1.325         47.01192801           1.25         1.5         1.325         47.01192801           1.25         1.5         1.5         49.19657071           1.5         0.5         1.5         49.19657071           1.5         0.5         0.8         54.54621831           1.5         0.5         0.8         54.54621831           1.5         0.5         0.975         53.38247917           1.5         0.5         1.15         57.06223077           1.5         0.5         1.325         55.16512941           1.5         0.5         1.325         55.16512941	1.25	1.25	0.8	48.80564387
1.25       1.25       1.15       49.00451086         1.25       1.25       1.325       46.59428098         1.25       1.25       1.5       48.89397468         1.25       1.5       0.8       49.45846377         1.25       1.5       0.975       47.41482574         1.25       1.5       1.15       49.47109774         1.25       1.5       1.325       47.01192801         1.25       1.5       1.5       49.19657071         1.5       0.5       0.8       54.54621831         1.5       0.5       0.8       54.54621831         1.5       0.5       0.8       54.54621831         1.5       0.5       0.975       53.38247917         1.5       0.5       1.15       57.06223077         1.5       0.5       1.325       55.16512941         1.5       0.5       1.325       55.16512941         1.5       0.5       1.325       55.16512941         1.5       0.5       1.325       55.16512941         1.5       0.5       1.5       58.21854501         1.5       0.75       0.8       56.01853765         1.5       0.75 <td></td> <td></td> <td>0.975</td> <td>46.84677292</td>			0.975	46.84677292
1.25       1.25       1.325       46.59428098         1.25       1.25       1.5       48.89397468         1.25       1.5       0.8       49.45846377         1.25       1.5       0.975       47.41482574         1.25       1.5       1.15       49.47109774         1.25       1.5       1.325       47.01192801         1.25       1.5       1.5       49.19657071         1.5       0.5       0.8       54.54621831         1.5       0.5       0.8       54.54621831         1.5       0.5       0.8       54.54621831         1.5       0.5       0.975       53.38247917         1.5       0.5       1.15       57.06223077         1.5       0.5       1.325       55.16512941         1.5       0.5       1.325       55.16512941         1.5       0.5       1.5       58.21854501         1.5       0.5       1.5       58.21854501         1.5       0.75       0.8       56.01853765         1.5       0.75       1.15       57.29292094         1.5       0.75       1.325       54.87825839         1.5       1.5	1.25	1.25		49.00451086
1.25       1.5       0.8       49.45846377         1.25       1.5       0.975       47.41482574         1.25       1.5       1.15       49.47109774         1.25       1.5       1.325       47.01192801         1.25       1.5       1.5       49.19657071         1.5       0.5       0.8       54.54621831         1.5       0.5       0.8       54.54621831         1.5       0.5       0.975       53.38247917         1.5       0.5       1.15       57.06223077         1.5       0.5       1.15       57.06223077         1.5       0.5       1.325       55.16512941         1.5       0.5       1.325       55.16512941         1.5       0.5       1.5       58.21854501         1.5       0.5       1.5       58.21854501         1.5       0.75       0.8       56.01853765         1.5       0.75       0.8       56.01853765         1.5       0.75       1.15       57.29292094         1.5       0.75       1.325       54.87825839         1.5       1.5       58.02601164         1.5       1.5       58.032315514 </td <td>1.25</td> <td></td> <td></td> <td>46.59428098</td>	1.25			46.59428098
1.25       1.5       0.8       49.45846377         1.25       1.5       0.975       47.41482574         1.25       1.5       1.15       49.47109774         1.25       1.5       1.325       47.01192801         1.25       1.5       1.5       49.19657071         1.5       0.5       0.8       54.54621831         1.5       0.5       0.8       54.54621831         1.5       0.5       0.975       53.38247917         1.5       0.5       1.15       57.06223077         1.5       0.5       1.15       57.06223077         1.5       0.5       1.325       55.16512941         1.5       0.5       1.325       55.16512941         1.5       0.5       1.5       58.21854501         1.5       0.5       1.5       58.21854501         1.5       0.75       0.8       56.01853765         1.5       0.75       0.8       56.01853765         1.5       0.75       1.15       57.29292094         1.5       0.75       1.325       54.87825839         1.5       1.5       58.02601164         1.5       1.5       58.032315514 </td <td>1.25</td> <td>1.25</td> <td>1.5</td> <td>48.89397468</td>	1.25	1.25	1.5	48.89397468
1.25       1.5       0.975       47.41482574         1.25       1.5       1.15       49.47109774         1.25       1.5       1.325       47.01192801         1.25       1.5       1.5       49.19657071         1.5       0.5       0.8       54.54621831         1.5       0.5       0.975       53.38247917         1.5       0.5       1.15       57.06223077         1.5       0.5       1.325       55.16512941         1.5       0.5       1.325       55.16512941         1.5       0.5       1.5       58.21854501         1.5       0.75       0.8       56.01853765         1.5       0.75       0.975       54.14556816         1.5       0.75       1.15       57.29292094         1.5       0.75       1.325       54.87825839         1.5       0.75       1.325       54.87825839         1.5       0.75       1.5       58.02601164         1.5       1       0.8       57.49853691         1.5       1       0.975       55.25170531         1.5       1       1.325       55.36644874         1.5       1	1.25			49.45846377
1.25       1.5       1.15       49.47109774         1.25       1.5       1.325       47.01192801         1.25       1.5       1.5       49.19657071         1.5       0.5       0.8       54.54621831         1.5       0.5       0.975       53.38247917         1.5       0.5       1.15       57.06223077         1.5       0.5       1.325       55.16512941         1.5       0.5       1.5       58.21854501         1.5       0.5       1.5       58.21854501         1.5       0.75       0.8       56.01853765         1.5       0.75       0.975       54.14556816         1.5       0.75       1.15       57.29292094         1.5       0.75       1.325       54.87825839         1.5       0.75       1.325       54.87825839         1.5       0.75       1.5       58.02601164         1.5       1       0.975       55.25170531         1.5       1       0.975       55.25170531         1.5       1       1.15       58.08323669         1.5       1       1.5       58.32315514         1.5       1.25 <t< td=""><td></td><td></td><td>0.975</td><td>47.41482574</td></t<>			0.975	47.41482574
1.25       1.5       1.5       49.19657071         1.5       0.5       0.8       54.54621831         1.5       0.5       0.975       53.38247917         1.5       0.5       1.15       57.06223077         1.5       0.5       1.325       55.16512941         1.5       0.5       1.5       58.21854501         1.5       0.75       0.8       56.01853765         1.5       0.75       0.975       54.14556816         1.5       0.75       1.15       57.29292094         1.5       0.75       1.325       54.87825839         1.5       0.75       1.5       58.02601164         1.5       1       0.8       57.49853691         1.5       1       0.975       55.25170531         1.5       1       1.15       58.08323669         1.5       1       1.325       55.36644874         1.5       1       1.5       58.32315514         1.5       1.25       0.975       56.2161275         1.5       1.25       1.15       58.80541303         1.5       1.25       1.325       55.91313718         1.5       1.25       1		1.5	1.15	49.47109774
1.25       1.5       1.5       49.19657071         1.5       0.5       0.8       54.54621831         1.5       0.5       0.975       53.38247917         1.5       0.5       1.15       57.06223077         1.5       0.5       1.325       55.16512941         1.5       0.5       1.5       58.21854501         1.5       0.75       0.8       56.01853765         1.5       0.75       0.975       54.14556816         1.5       0.75       1.15       57.29292094         1.5       0.75       1.325       54.87825839         1.5       0.75       1.5       58.02601164         1.5       1       0.8       57.49853691         1.5       1       0.975       55.25170531         1.5       1       1.15       58.08323669         1.5       1       1.325       55.36644874         1.5       1       1.5       58.32315514         1.5       1.25       0.975       56.2161275         1.5       1.25       0.975       56.2161275         1.5       1.25       1.325       55.91313718         1.5       1.25       1	1.25	1.5	1.325	47.01192801
1.5       0.5       0.8       54.54621831         1.5       0.5       0.975       53.38247917         1.5       0.5       1.15       57.06223077         1.5       0.5       1.325       55.16512941         1.5       0.5       1.5       58.21854501         1.5       0.75       0.8       56.01853765         1.5       0.75       0.975       54.14556816         1.5       0.75       1.15       57.29292094         1.5       0.75       1.325       54.87825839         1.5       0.75       1.5       58.02601164         1.5       1       0.8       57.49853691         1.5       1       0.975       55.25170531         1.5       1       1.325       55.36644874         1.5       1       1.325       55.36644874         1.5       1.25       0.8       58.56677264         1.5       1.25       0.975       56.2161275         1.5       1.25       1.325       55.91313718         1.5       1.25       1.5       58.67276961         1.5       1.5       0.975       56.89779089	1.25			
1.5       0.5       0.975       53.38247917         1.5       0.5       1.15       57.06223077         1.5       0.5       1.325       55.16512941         1.5       0.5       1.5       58.21854501         1.5       0.75       0.8       56.01853765         1.5       0.75       0.975       54.14556816         1.5       0.75       1.15       57.29292094         1.5       0.75       1.325       54.87825839         1.5       0.75       1.5       58.02601164         1.5       1       0.8       57.49853691         1.5       1       0.975       55.25170531         1.5       1       1.15       58.08323669         1.5       1       1.325       55.36644874         1.5       1       1.5       58.32315514         1.5       1.25       0.8       58.56677264         1.5       1.25       0.975       56.2161275         1.5       1.25       1.325       55.91313718         1.5       1.5       0.8       59.35015652         1.5       1.5       0.975       56.89779089		0.5		54.54621831
1.5       0.5       1.325       55.16512941         1.5       0.5       1.5       58.21854501         1.5       0.75       0.8       56.01853765         1.5       0.75       0.975       54.14556816         1.5       0.75       1.15       57.29292094         1.5       0.75       1.325       54.87825839         1.5       0.75       1.5       58.02601164         1.5       1       0.8       57.49853691         1.5       1       0.975       55.25170531         1.5       1       1.15       58.08323669         1.5       1       1.325       55.36644874         1.5       1       1.5       58.32315514         1.5       1.25       0.8       58.56677264         1.5       1.25       1.15       58.80541303         1.5       1.25       1.325       55.91313718         1.5       1.25       1.5       58.67276961         1.5       1.5       0.975       56.89779089	1.5	0.5	0.975	53.38247917
1.5       0.5       1.5       58.21854501         1.5       0.75       0.8       56.01853765         1.5       0.75       0.975       54.14556816         1.5       0.75       1.15       57.29292094         1.5       0.75       1.325       54.87825839         1.5       0.75       1.5       58.02601164         1.5       1       0.8       57.49853691         1.5       1       0.975       55.25170531         1.5       1       1.15       58.08323669         1.5       1       1.325       55.36644874         1.5       1       1.5       58.32315514         1.5       1.25       0.8       58.56677264         1.5       1.25       0.975       56.2161275         1.5       1.25       1.15       58.80541303         1.5       1.25       1.325       55.91313718         1.5       1.25       1.5       58.67276961         1.5       1.5       0.8       59.35015652         1.5       1.5       0.975       56.89779089	1.5	0.5	1.15	57.06223077
1.5       0.5       1.5       58.21854501         1.5       0.75       0.8       56.01853765         1.5       0.75       0.975       54.14556816         1.5       0.75       1.15       57.29292094         1.5       0.75       1.325       54.87825839         1.5       0.75       1.5       58.02601164         1.5       1       0.8       57.49853691         1.5       1       0.975       55.25170531         1.5       1       1.15       58.08323669         1.5       1       1.325       55.36644874         1.5       1       1.5       58.32315514         1.5       1.25       0.8       58.56677264         1.5       1.25       0.975       56.2161275         1.5       1.25       1.15       58.80541303         1.5       1.25       1.325       55.91313718         1.5       1.25       1.5       58.67276961         1.5       1.5       0.8       59.35015652         1.5       1.5       0.975       56.89779089	1.5	0.5	1.325	55.16512941
1.5       0.75       0.975       54.14556816         1.5       0.75       1.15       57.29292094         1.5       0.75       1.325       54.87825839         1.5       0.75       1.5       58.02601164         1.5       1       0.8       57.49853691         1.5       1       0.975       55.25170531         1.5       1       1.15       58.08323669         1.5       1       1.325       55.36644874         1.5       1       1.5       58.32315514         1.5       1.25       0.8       58.56677264         1.5       1.25       0.975       56.2161275         1.5       1.25       1.325       55.91313718         1.5       1.25       1.325       55.91313718         1.5       1.5       0.8       59.35015652         1.5       1.5       0.975       56.89779089	1.5	0.5		58.21854501
1.5       0.75       1.15       57.29292094         1.5       0.75       1.325       54.87825839         1.5       0.75       1.5       58.02601164         1.5       1       0.8       57.49853691         1.5       1       0.975       55.25170531         1.5       1       1.15       58.08323669         1.5       1       1.325       55.36644874         1.5       1       1.5       58.32315514         1.5       1.25       0.8       58.56677264         1.5       1.25       0.975       56.2161275         1.5       1.25       1.15       58.80541303         1.5       1.25       1.325       55.91313718         1.5       1.25       1.5       58.67276961         1.5       1.5       0.8       59.35015652         1.5       1.5       0.975       56.89779089	1.5	0.75	0.8	56.01853765
1.5       0.75       1.325       54.87825839         1.5       0.75       1.5       58.02601164         1.5       1       0.8       57.49853691         1.5       1       0.975       55.25170531         1.5       1       1.15       58.08323669         1.5       1       1.325       55.36644874         1.5       1       1.5       58.32315514         1.5       1.25       0.8       58.56677264         1.5       1.25       0.975       56.2161275         1.5       1.25       1.15       58.80541303         1.5       1.25       1.325       55.91313718         1.5       1.25       1.5       58.67276961         1.5       1.5       0.8       59.35015652         1.5       1.5       0.975       56.89779089	1.5	0.75	0.975	54.14556816
1.5       0.75       1.5       58.02601164         1.5       1       0.8       57.49853691         1.5       1       0.975       55.25170531         1.5       1       1.15       58.08323669         1.5       1       1.325       55.36644874         1.5       1       1.5       58.32315514         1.5       1.25       0.8       58.56677264         1.5       1.25       0.975       56.2161275         1.5       1.25       1.15       58.80541303         1.5       1.25       1.325       55.91313718         1.5       1.25       1.5       58.67276961         1.5       1.5       0.8       59.35015652         1.5       1.5       0.975       56.89779089	1.5	0.75	1.15	57.29292094
1.5       1       0.8       57.49853691         1.5       1       0.975       55.25170531         1.5       1       1.15       58.08323669         1.5       1       1.325       55.36644874         1.5       1       1.5       58.32315514         1.5       1.25       0.8       58.56677264         1.5       1.25       0.975       56.2161275         1.5       1.25       1.15       58.80541303         1.5       1.25       1.325       55.91313718         1.5       1.25       1.5       58.67276961         1.5       1.5       0.8       59.35015652         1.5       1.5       0.975       56.89779089	1.5	0.75	1.325	54.87825839
1.5       1       0.975       55.25170531         1.5       1       1.15       58.08323669         1.5       1       1.325       55.36644874         1.5       1       1.5       58.32315514         1.5       1.25       0.8       58.56677264         1.5       1.25       0.975       56.2161275         1.5       1.25       1.15       58.80541303         1.5       1.25       1.325       55.91313718         1.5       1.25       1.5       58.67276961         1.5       1.5       0.8       59.35015652         1.5       1.5       0.975       56.89779089	1.5	0.75	1.5	58.02601164
1.5       1       1.15       58.08323669         1.5       1       1.325       55.36644874         1.5       1       1.5       58.32315514         1.5       1.25       0.8       58.56677264         1.5       1.25       0.975       56.2161275         1.5       1.25       1.15       58.80541303         1.5       1.25       1.325       55.91313718         1.5       1.25       1.5       58.67276961         1.5       1.5       0.8       59.35015652         1.5       1.5       0.975       56.89779089	1.5	1	0.8	57.49853691
1.5       1       1.325       55.36644874         1.5       1       1.5       58.32315514         1.5       1.25       0.8       58.56677264         1.5       1.25       0.975       56.2161275         1.5       1.25       1.15       58.80541303         1.5       1.25       1.325       55.91313718         1.5       1.25       1.5       58.67276961         1.5       1.5       0.8       59.35015652         1.5       1.5       0.975       56.89779089	1.5	1	0.975	55.25170531
1.5       1       1.5       58.32315514         1.5       1.25       0.8       58.56677264         1.5       1.25       0.975       56.2161275         1.5       1.25       1.15       58.80541303         1.5       1.25       1.325       55.91313718         1.5       1.25       1.5       58.67276961         1.5       1.5       0.8       59.35015652         1.5       1.5       0.975       56.89779089	1.5	1	1.15	58.08323669
1.5       1.25       0.8       58.56677264         1.5       1.25       0.975       56.2161275         1.5       1.25       1.15       58.80541303         1.5       1.25       1.325       55.91313718         1.5       1.25       1.5       58.67276961         1.5       1.5       0.8       59.35015652         1.5       1.5       0.975       56.89779089	1.5	1	1.325	55.36644874
1.5       1.25       0.975       56.2161275         1.5       1.25       1.15       58.80541303         1.5       1.25       1.325       55.91313718         1.5       1.25       1.5       58.67276961         1.5       1.5       0.8       59.35015652         1.5       1.5       0.975       56.89779089	1.5	1	1.5	58.32315514
1.5       1.25       1.15       58.80541303         1.5       1.25       1.325       55.91313718         1.5       1.25       1.5       58.67276961         1.5       1.5       0.8       59.35015652         1.5       1.5       0.975       56.89779089	1.5	1.25	0.8	58.56677264
1.5       1.25       1.325       55.91313718         1.5       1.25       1.5       58.67276961         1.5       1.5       0.8       59.35015652         1.5       1.5       0.975       56.89779089	1.5	1.25	0.975	56.2161275
1.5       1.25       1.5       58.67276961         1.5       1.5       0.8       59.35015652         1.5       1.5       0.975       56.89779089	1.5	1.25	1.15	58.80541303
1.5     1.5     0.8     59.35015652       1.5     1.5     0.975     56.89779089	1.5	1.25	1.325	55.91313718
1.5 1.5 0.975 56.89779089	1.5	1.25	1.5	58.67276961
	1.5	1.5	0.8	59.35015652
4.5 4.5 50.00504700	1.5	1.5	0.975	56.89779089
1.5 1.15 59.36531/28	1.5	1.5	1.15	59.36531728
1.5 1.325 56.41431361	1.5	1.5	1.325	56.41431361
1.5 1.5 59.03588485	1.5	1.5	1.5	59.03588485

Time (t)	Max Amplitude (F	Decay Rate Approx
0	0.9949114704	0.1
0.05050505051	0.9042875036	0.1
0.101010101	0.8332211542	0.1
0.1515151515	0.7757732418	0.1
0.202020202	0.7276959328	0.1
0.2525252525	0.687424738	0.1
0.303030303	0.6518910818	0.1
0.3535353535	0.6209356974	0.1
0.404040404	0.5935255429	0.1
0.4545454545	0.5690564913	0.1
0.5050505051	0.5469492958	0.1
0.555555556	0.5269031696	0.1
0.6060606061	0.5085481609	0.1
0.6565656566	0.4917233702	0.1
0.7070707071	0.4761558308	0.1
0.7575757576	0.461756489	0.1
0.8080808081	0.448333777	0.1
0.8585858586	0.4358081833	0.1
0.9090909091	0.424076701	0.1
0.9595959596	0.4130265111	0.1
1.01010101	0.4026514519	0.1
1.060606061	0.3928072033	0.1
1.111111111	0.3835017291	0.1
1.161616162	0.3746946002	0.1
1.212121212	0.366324528	0.1
1.262626263	0.3583275078	0.1
1.313131313	0.350713922	0.1
1.363636364	0.3434425851	0.1
1.414141414	0.3364913193	0.1
1.464646465	0.3298330262	0.1
1.515151515	0.3234436615	0.1
1.565656566	0.3173014683	0.1
1.616161616	0.311396345	0.1
1.666666667	0.3057148214	0.1
1.717171717	0.300255578	0.1
1.767676768	0.2949529444	0.1
1.818181818	0.2898822355	0.1
1.868686869	0.2849549034	0.1
1.919191919	0.2801860711	0.1
1.96969697	0.2756070304	0.1
2.02020202	0.2711478403	0.1
2.070707071	0.2668116165	0.1

2.121212121	0.1 0.1 0.1 0.1 0.1 0.1
2.22222222     0.2546283598       2.272727273     0.2508593388	0.1 0.1 0.1
2.272727273 0.2508593388	0.1 0.1
	0.1
2.323232323 0.2470716364	
	0.1
2.373737374 0.2435109893	
2.42424242 0.2399236877	0.1
2.474747475 0.236489324	0.1
2.525252525 0.2331717885	0.1
2.575757576 0.2299497606	0.1
2.626262626 0.2267309561	0.1
2.676767677 0.2236305361	0.1
2.727272727 0.2206306501	0.1
2.777777778 0.2177152492	0.1
2.828282828 0.2147865121	0.1
2.878787879 0.2120580118	0.1
2.929292929 0.2092202619	0.1
2.97979798 0.206550464	0.1
3.03030303 0.2039719877	0.1
3.080808081 0.2013504398	0.1
3.131313131 0.1988241563	0.1
3.181818182 0.1963758869	0.1
3.232323232 0.1940121647	0.1
3.282828283 0.1916076409	0.1
3.333333333 0.1892921253	0.1
3.383838384 0.1870494178	0.1
3.434343434 0.1847835829	0.1
3.484848485 0.1826814976	0.1
3.535353535 0.1804913782	0.1
3.585858586 0.1783794576	0.1
3.636363636 0.1763234556	0.1
3.686868687 0.1743668695	0.1
3.737373737 0.1723468843	0.1
3.787878788 0.1703831907	0.1
3.838383838 0.1684689403	0.1
3.888888889 0.1666489856	0.1
3.939393939 0.1647444537	0.1
3.98989899 0.1629974445	0.1
4.04040404 0.1611652668	0.1
4.090909091 0.1594130444	0.1
4.141414141 0.1577520095	0.1
4.191919192 0.1560295771	0.1
4.242424242 0.1543415041	0.1

4.292929293	0.1527159233	0.1	
4.343434343	0.1511428333	0.1	
4.393939394	0.1495394844	0.1	
4.44444444	0.1480072883	0.1	
4.494949495	0.1464620919	0.1	
4.545454545	0.1449680189	0.1	
4.595959596	0.1434718757	0.1	
4.646464646	0.1419918242	0.1	
4.696969697	0.1405412599	0.1	
4.747474747	0.1391630974	0.1	
4.797979798	0.1377408407	0.1	
4.848484848	0.1363541293	0.1	
4.898989899	0.1350053221	0.1	
4.949494949	0.1337073546	0.1	
5	0.1323630873	0.1	

Time (t)	Max Amplitude (F	Decay Rate Approx
0	0.9949114704	0.1
0.05050505051	0.9042875036	0.1
0.101010101	0.8332211542	0.1
0.1515151515	0.7757732418	0.1
0.202020202	0.7276959328	0.1
0.2525252525	0.687424738	0.1
0.303030303	0.6518910818	0.1
0.3535353535	0.6209356974	0.1
0.404040404	0.5935255429	0.1
0.4545454545	0.5690564913	0.1
0.5050505051	0.5469492958	0.1
0.555555556	0.5269031696	0.1
0.6060606061	0.5085481609	0.1
0.6565656566	0.4917233702	0.1
0.7070707071	0.4761558308	0.1
0.7575757576	0.461756489	0.1
0.8080808081	0.448333777	0.1
0.8585858586	0.4358081833	0.1
0.9090909091	0.424076701	0.1
0.9595959596	0.4130265111	0.1
1.01010101	0.4026514519	0.1
1.060606061	0.3928072033	0.1
1.111111111	0.3835017291	0.1
1.161616162	0.3746946002	0.1
1.212121212	0.366324528	0.1
1.262626263	0.3583275078	0.1
1.313131313	0.350713922	0.1
1.363636364	0.3434425851	0.1
1.414141414	0.3364913193	0.1
1.464646465	0.3298330262	0.1
1.515151515	0.3234436615	0.1
1.565656566	0.3173014683	0.1
1.616161616	0.311396345	0.1
1.666666667	0.3057148214	0.1
1.717171717	0.300255578	0.1
1.767676768	0.2949529444	0.1
1.818181818	0.2898822355	0.1
1.868686869	0.2849549034	0.1
1.919191919	0.2801860711	0.1
1.96969697	0.2756070304	0.1
2.02020202	0.2711478403	0.1
2.070707071	0.2668116165	0.1

2.121212121	
2.22222222	
2.272727273       0.2508593388       0.1         2.323232323       0.2470716364       0.1         2.373737374       0.2435109893       0.1         2.424242424       0.2399236877       0.1         2.525252525       0.2331717885       0.1         2.575757576       0.2299497606       0.1         2.626262626       0.2267309561       0.1         2.676767677       0.2236305361       0.1         2.777777778       0.2177152492       0.1         2.828282828       0.2147865121       0.1         2.878787879       0.2120580118       0.1         2.97979798       0.206550464       0.1         3.03030303       0.2039719877       0.1         3.080808081       0.2013504398       0.1         3.131313131       0.1988241563       0.1         3.232323232       0.1940121647       0.1	
2.323232323       0.2470716364       0.1         2.373737374       0.2435109893       0.1         2.424242424       0.2399236877       0.1         2.474747475       0.236489324       0.1         2.525252525       0.2331717885       0.1         2.626262626       0.2299497606       0.1         2.676767677       0.2236305361       0.1         2.727272727       0.2206306501       0.1         2.777777778       0.2177152492       0.1         2.828282828       0.2147865121       0.1         2.878787879       0.2120580118       0.1         2.97979798       0.206550464       0.1         3.03030303       0.2039719877       0.1         3.080808081       0.2013504398       0.1         3.131313131       0.1988241563       0.1         3.232323232       0.1940121647       0.1	
2.373737374       0.2435109893       0.1         2.424242424       0.2399236877       0.1         2.525252525       0.2331717885       0.1         2.575757576       0.2299497606       0.1         2.626262626       0.2267309561       0.1         2.676767677       0.2236305361       0.1         2.777777778       0.2177152492       0.1         2.828282828       0.2147865121       0.1         2.878787879       0.2120580118       0.1         2.97979798       0.206250464       0.1         3.03030303       0.2039719877       0.1         3.080808081       0.2013504398       0.1         3.131313131       0.1988241563       0.1         3.232323232       0.1940121647       0.1	
2.424242424       0.2399236877       0.1         2.474747475       0.236489324       0.1         2.525252525       0.2331717885       0.1         2.575757576       0.2299497606       0.1         2.626262626       0.2267309561       0.1         2.676767677       0.2236305361       0.1         2.777777778       0.2177152492       0.1         2.828282828       0.2147865121       0.1         2.878787879       0.2120580118       0.1         2.97979798       0.206550464       0.1         3.03030303       0.2039719877       0.1         3.080808081       0.2013504398       0.1         3.131313131       0.1988241563       0.1         3.232323232       0.1940121647       0.1	
2.474747475       0.236489324       0.1         2.525252525       0.2331717885       0.1         2.575757576       0.2299497606       0.1         2.626262626       0.2267309561       0.1         2.676767677       0.2236305361       0.1         2.727272727       0.2206306501       0.1         2.777777778       0.2177152492       0.1         2.828282828       0.2147865121       0.1         2.878787879       0.2120580118       0.1         2.929292929       0.2092202619       0.1         2.97979798       0.206550464       0.1         3.03030303       0.2039719877       0.1         3.131313131       0.1988241563       0.1         3.181818182       0.1963758869       0.1         3.232323232       0.1940121647       0.1	
2.525252525       0.2331717885       0.1         2.575757576       0.2299497606       0.1         2.626262626       0.2267309561       0.1         2.676767677       0.2236305361       0.1         2.727272727       0.2206306501       0.1         2.777777778       0.2177152492       0.1         2.828282828       0.2147865121       0.1         2.878787879       0.2120580118       0.1         2.929292929       0.2092202619       0.1         2.97979798       0.206550464       0.1         3.03030303       0.2039719877       0.1         3.080808081       0.2013504398       0.1         3.131313131       0.1988241563       0.1         3.181818182       0.1963758869       0.1         3.232323232       0.1940121647       0.1	
2.575757576       0.2299497606       0.1         2.626262626       0.2267309561       0.1         2.676767677       0.2236305361       0.1         2.727272727       0.2206306501       0.1         2.777777778       0.2177152492       0.1         2.828282828       0.2147865121       0.1         2.878787879       0.2120580118       0.1         2.929292929       0.2092202619       0.1         2.97979798       0.206550464       0.1         3.03030303       0.2039719877       0.1         3.131313131       0.1988241563       0.1         3.181818182       0.1963758869       0.1         3.232323232       0.1940121647       0.1	
2.626262626       0.2267309561       0.1         2.676767677       0.2236305361       0.1         2.727272727       0.2206306501       0.1         2.777777778       0.2177152492       0.1         2.828282828       0.2147865121       0.1         2.878787879       0.2120580118       0.1         2.929292929       0.2092202619       0.1         2.97979798       0.206550464       0.1         3.03030303       0.2039719877       0.1         3.080808081       0.2013504398       0.1         3.131313131       0.1988241563       0.1         3.181818182       0.1963758869       0.1         3.232323232       0.1940121647       0.1	
2.676767677       0.2236305361       0.1         2.727272727       0.2206306501       0.1         2.777777778       0.2177152492       0.1         2.828282828       0.2147865121       0.1         2.878787879       0.2120580118       0.1         2.929292929       0.2092202619       0.1         2.97979798       0.206550464       0.1         3.03030303       0.2039719877       0.1         3.131313131       0.1988241563       0.1         3.181818182       0.1963758869       0.1         3.232323232       0.1940121647       0.1	
2.727272727       0.2206306501       0.1         2.777777778       0.2177152492       0.1         2.828282828       0.2147865121       0.1         2.878787879       0.2120580118       0.1         2.929292929       0.2092202619       0.1         2.97979798       0.206550464       0.1         3.03030303       0.2039719877       0.1         3.080808081       0.2013504398       0.1         3.131313131       0.1988241563       0.1         3.181818182       0.1963758869       0.1         3.232323232       0.1940121647       0.1	
2.777777778       0.2177152492       0.1         2.828282828       0.2147865121       0.1         2.878787879       0.2120580118       0.1         2.929292929       0.2092202619       0.1         2.97979798       0.206550464       0.1         3.03030303       0.2039719877       0.1         3.080808081       0.2013504398       0.1         3.131313131       0.1988241563       0.1         3.181818182       0.1963758869       0.1         3.232323232       0.1940121647       0.1	
2.828282828       0.2147865121       0.1         2.878787879       0.2120580118       0.1         2.929292929       0.2092202619       0.1         2.97979798       0.206550464       0.1         3.03030303       0.2039719877       0.1         3.080808081       0.2013504398       0.1         3.131313131       0.1988241563       0.1         3.181818182       0.1963758869       0.1         3.232323232       0.1940121647       0.1	
2.878787879       0.2120580118       0.1         2.929292929       0.2092202619       0.1         2.97979798       0.206550464       0.1         3.03030303       0.2039719877       0.1         3.080808081       0.2013504398       0.1         3.131313131       0.1988241563       0.1         3.181818182       0.1963758869       0.1         3.232323232       0.1940121647       0.1	
2.929292929       0.2092202619       0.1         2.97979798       0.206550464       0.1         3.03030303       0.2039719877       0.1         3.080808081       0.2013504398       0.1         3.131313131       0.1988241563       0.1         3.181818182       0.1963758869       0.1         3.232323232       0.1940121647       0.1	
2.97979798       0.206550464       0.1         3.03030303       0.2039719877       0.1         3.080808081       0.2013504398       0.1         3.131313131       0.1988241563       0.1         3.181818182       0.1963758869       0.1         3.232323232       0.1940121647       0.1	
3.03030303	
3.080808081     0.2013504398     0.1       3.131313131     0.1988241563     0.1       3.181818182     0.1963758869     0.1       3.232323232     0.1940121647     0.1	
3.131313131     0.1988241563     0.1       3.181818182     0.1963758869     0.1       3.232323232     0.1940121647     0.1	
3.181818182     0.1963758869     0.1       3.232323232     0.1940121647     0.1	
3.232323232 0.1940121647 0.1	
3.282828283 0.1916076409 0.1	
3.33333333 0.1892921253 0.1	
3.383838384 0.1870494178 0.1	
3.434343434 0.1847835829 0.1	
3.484848485 0.1826814976 0.1	
3.535353535 0.1804913782 0.1	
3.585858586 0.1783794576 0.1	
3.636363636 0.1763234556 0.1	
3.686868687 0.1743668695 0.1	
3.737373737 0.1723468843 0.1	
3.787878788 0.1703831907 0.1	
3.838383838 0.1684689403 0.1	
3.888888889 0.1666489856 0.1	
3.939393939 0.1647444537 0.1	
3.98989899 0.1629974445 0.1	
4.04040404 0.1611652668 0.1	
4.090909091 0.1594130444 0.1	
4.141414141 0.1577520095 0.1	
4.191919192 0.1560295771 0.1	
4.24242424 0.1543415041 0.1	

4.292929293	0.1527159233	0.1
4.343434343	0.1511428333	0.1
4.393939394	0.1495394844	0.1
4.44444444	0.1480072883	0.1
4.494949495	0.1464620919	0.1
4.5454545	0.1449680189	0.1
4.595959596	0.1434718757	0.1
4.64646464	0.1419918242	0.1
4.696969697	0.1405412599	0.1
4.747474747	0.1391630974	0.1
4.797979798	0.1377408407	0.1
4.848484848	0.1363541293	0.1
4.898989899	0.1350053221	0.1
4.949494949	0.1337073546	0.1
5	0.1323630873	0.1

Dimension	Phi_d	Pi_d	Energy_Density
1	2.334280576	8.321203285	0.2805219986
1.1	2.180777139	9.246502059	0.2358488783
1.2	2.052108435	10.24824846	0.2002399184
1.3	1.94258888	11.32714058	0.1714986113
1.4	1.848152802	12.48391231	0.1480427574
1.5	1.765815089	13.71933517	0.1287099606
1.6	1.693333982	15.03422022	0.1126319794
1.7	1.628992813	16.42942013	0.09915096213
1.8	1.571454435	17.90583126	0.08776216041
1.9	1.519661579	19.46439595	0.0780739142
2	1.472767069	21.10610484	0.06977919801
2.1	1.430083949	22.83199936	0.06263507312
2.2	1.391049197	24.64317435	0.0564476466
2.3	1.355196876	26.54078078	0.05106092724
2.4	1.322137999	28.52602862	0.04634847761
2.5	1.291545201	30.60018988	0.04220709761
2.6	1.263140954	32.76460179	0.03855200079
2.7	1.236688384	35.02067015	0.03531309876
2.8	1.21198405	37.36987283	0.03243211599
2.9	1.188852223	39.81376346	0.02986033269
3	1.167140288	42.35397534	0.02755680615
3.1	1.146715051	44.99222551	0.02548695999
3.2	1.127459722	47.73031905	0.0236214579
3.3	1.109271449	50.57015357	0.0219352992
3.4	1.092059288	53.51372399	0.02040708825
3.5	1.075742514	56.5631275	0.01901844119
3.6	1.060249216	59.72056882	0.01775350164
3.7	1.045515119	62.98836572	0.01659854335
3.8	1.031482584	66.36895478	0.01554164273
3.9	1.018099772	69.86489753	0.01457240772
4	1.005319924	73.47888681	0.01368175224
4.1	0.9931007488	77.21375356	0.01286170796
4.2	0.981403897	81.07247381	0.01210526645
4.3	0.970194509	85.05817624	0.01140624631
4.4	0.959440823	89.17414988	0.01075918104
4.5	0.9491138353	93.42385244	0.01015922391
4.6	0.9391870043	97.81091888	0.009602067081
4.7	0.9296359926	102.3391705	0.009083872653
4.8	0.9204384404	107.0126247	0.008601213578
4.9	0.9115737666	111.8355045	0.008151022972
5	0.9030229938	116.8122499	0.007730550475
5.1	0.8947685933	121.9475281	0.007337324564

5.3         0.8790852312         132.7135615         0.006623929171           5.4         0.8716272971         138.3548977         0.006299938144           5.5         0.8644078854         144.1759552         0.005709138797           5.7         0.8506354018         156.3815137         0.005709138797           5.7         0.8506354018         156.3815137         0.00543948822           5.8         0.8440611998         162.7789384         0.00518521933           5.9         0.8376816277         169.3819641         0.004719054354           6.1         0.825470285         183.2344736         0.0045054994442           6.2         0.8196218791         190.4997423         0.004302482876           6.3         0.839347447         198.0022215         0.004110735418           6.4         0.8084017826         205.7508517         0.00329032496           6.5         0.8030163157         213.755032         0.003756713038           6.6         0.7977720574         222.0246432         0.003437840279           6.8         0.7876838057         239.4022409         0.003290210663           6.9         0.7828289462         248.5326273         0.003149803536           7         0.7780935254         257.9733006 <th>5.2</th> <th>0.8867943481</th> <th>127.2462459</th> <th>0.006969119931</th>	5.2	0.8867943481	127.2462459	0.006969119931
5.4         0.8716272971         138.3548977         0.006299938144           5.5         0.8644075854         144.1759552         0.005995504481           5.6         0.8574140339         150.1827271         0.005709138797           5.7         0.8560354018         156.3815137         0.00543948822           5.8         0.8440611998         162.7789384         0.005185321933           5.9         0.8376816277         169.3819641         0.004495518444           6         0.831487518         176.1979108         0.004719054354           6.1         0.825470285         183.2344736         0.004504994442           6.2         0.8196218791         190.4997423         0.004302482876           6.3         0.8139347447         198.0022215         0.004110735418           6.4         0.8084017826         205.7508517         0.00329903246           6.5         0.8030163157         213.7555032         0.003756713038           6.6         0.7977720574         222.0246432         0.003593168964           6.7         0.7926630835         230.5700728         0.003437840279           6.8         0.7876838057         239.4022409         0.00329010663           6.9         0.7828289422         267.7369481 <td></td> <td></td> <td></td> <td></td>				
5.5         0.8644075854         144.1759552         0.005995504481           5.6         0.8574140339         150.1827271         0.005709138797           5.7         0.8506354018         156.3815137         0.00543948822           5.8         0.8440611998         162.7789384         0.004355321933           5.9         0.8376816277         169.3819641         0.004719054354           6         0.831487518         176.1979108         0.004719054354           6.1         0.825470285         183.2344736         0.0043004994442           6.2         0.8196218791         190.4997423         0.004302482676           6.3         0.8139347447         198.0022215         0.004110735418           6.4         0.8084017826         205.7508517         0.003929032496           6.5         0.8030163157         213.755032         0.003756713038           6.6         0.7977720574         222.0246432         0.003593168964           6.7         0.7926630835         230.5700728         0.003437840279           6.8         0.7876838057         239.4022409         0.003290210663           6.9         0.7828289482         248.5326273         0.0031617851           7.1         0.7734728265         267.7369481 <td></td> <td>1 1 1 1 1 1 1</td> <td></td> <td></td>		1 1 1 1 1 1 1		
5.6         0.8574140339         150.1827271         0.005709138797           5.7         0.8506354018         156.3815137         0.00543948822           5.8         0.8440611998         162.7789384         0.005185321933           5.9         0.8376816277         169.3819641         0.004945518444           6         0.831487518         176.1979108         0.004504994442           6.1         0.825470285         183.2344736         0.004504994442           6.2         0.81996218791         190.4997423         0.004302482876           6.3         0.8139347447         198.0022215         0.004110735418           6.4         0.8084017826         205.7508517         0.003929032496           6.5         0.8030163157         213.755032         0.003756713038           6.6         0.7977720574         222.0246432         0.003593168964           6.7         0.7826830835         230.5700728         0.003437840279           6.8         0.7876838057         239.4022409         0.003290210663           6.9         0.7828289482         248.5326273         0.003149803536           7         0.7760935254         257.9733006         0.002349629408           7.2         0.7689623766         277.369481 <td></td> <td></td> <td></td> <td></td>				
5.7         0.8506354018         156.3815137         0.00543948822           5.8         0.8440611998         162.7789384         0.005185321933           5.9         0.8376816277         169.3819641         0.004945518444           6         0.831487518         176.1979108         0.004719054354           6.1         0.825470285         183.2344736         0.004504994442           6.2         0.8196218791         190.4997423         0.004302482876           6.3         0.8139347447         198.0022215         0.004110735418           6.4         0.8084017826         205.7508517         0.003929032496           6.5         0.8030163157         213.755032         0.003756713038           6.6         0.7977720574         222.0246432         0.003497840279           6.8         0.7876838057         239.4022409         0.003290210663           6.9         0.7828289482         248.5326273         0.0031617851           7.1         0.7734728225         267.7369481         0.002888928211           7.2         0.768623766         277.8369076         0.002767675408           7.3         0.7645579604         288.2872007         0.00265207043           7.4         0.7602555659         299.1025679				
5.8         0.8440611998         162.7789384         0.005185321933           5.9         0.8376816277         169.3819641         0.004945518444           6         0.831487518         176.1979108         0.004719054354           6.1         0.825470285         183.2344736         0.004504994442           6.2         0.8196218791         190.4997423         0.004302482876           6.3         0.8139347447         198.0022215         0.004110735418           6.4         0.8084017826         205.7508517         0.003929032496           6.5         0.8030163157         213.755032         0.003756713038           6.6         0.7977720574         222.0246432         0.003593168964           6.7         0.7926630835         230.5700728         0.00347840279           6.8         0.7876838057         239.4022409         0.003290210663           6.9         0.7828289482         248.5326273         0.0031617851           7.1         0.7734728252         267.7369481         0.002888928211           7.2         0.7689623766         277.8369481         0.002767675408           7.3         0.7602555659         299.1025679         0.002541788829           7.5         0.7560513911         310.2985056 <td></td> <td></td> <td></td> <td></td>				
5.9         0.8376816277         169.3819641         0.004945518444           6         0.831487518         176.1979108         0.004719054354           6.1         0.825470285         183.2344736         0.004504994442           6.2         0.8196218791         190.4997423         0.004302482876           6.3         0.8139347447         198.0022215         0.004110735418           6.4         0.8084017826         205.7508517         0.003929032496           6.5         0.8030163157         213.755032         0.003756713038           6.6         0.7977720574         222.0246432         0.003437840279           6.8         0.7876838057         239.4022409         0.003290210663           6.9         0.7628289482         248.5326273         0.003149803536           7         0.7780935254         257.9733006         0.003149803536           7         0.7780935254         257.9733006         0.0021617851           7.1         0.7734728225         267.7369481         0.002888928211           7.2         0.7689623766         277.8369076         0.0024567675408           7.3         0.7645579604         288.2872007         0.00265207043           7.4         0.7602556659         299.1025679				
6         0.831487518         176.1979108         0.004719054354           6.1         0.825470285         183.2344736         0.004504994442           6.2         0.8196218791         190.4997423         0.004302482876           6.3         0.8139347447         198.0022215         0.004110735418           6.4         0.8084017826         205.7508817         0.003929032496           6.5         0.8030163157         213.755032         0.003756713038           6.6         0.7977720574         222.0246432         0.003593168964           6.7         0.7926630835         230.5700728         0.003437840279           6.8         0.7876838057         239.4022409         0.003290210663           6.9         0.7828289482         248.5326273         0.003149803536           7         0.7780935254         257.9733006         0.003149803536           7.1         0.7734728225         267.7369481         0.002888928211           7.2         0.7689623766         277.8369076         0.002767675408           7.3         0.7645579604         288.2872007         0.00265207043           7.4         0.7602556569         299.1025679         0.002436529269           7.6         0.7560513911         310.2985056 <td></td> <td></td> <td></td> <td></td>				
6.1 0.825470285 183.2344736 0.004504994442 6.2 0.8196218791 190.4997423 0.004302482876 6.3 0.8139347447 198.0022215 0.004110735418 6.4 0.8084017826 205.7508517 0.003929032496 6.5 0.8030163157 213.755032 0.003756713038 6.6 0.7977720574 222.0246432 0.003593168964 6.7 0.7926630835 230.5700728 0.003437840279 6.8 0.7876838057 239.4022409 0.003290210663 6.9 0.7828289482 248.5326273 0.003149803536 7 0.7780935254 257.9733006 0.00301617851 7.1 0.7734728225 267.7369481 0.002888928211 7.2 0.7689623766 277.8369076 0.002767675408 7.3 0.7645579604 288.2872007 0.00265207043 7.4 0.7602556659 299.1025679 0.002541788829 7.5 0.7560513911 310.2985056 0.002436529269 7.6 0.7519418259 321.8913045 0.002336011615 7.7 0.7479234404 333.898096 0.002239975194 7.8 0.7439929736 346.3368682 0.002148177228 7.9 0.7401473228 359.2265644 0.002060391397 8 0.7363835343 372.5870769 0.001976406537 8.1 0.7326987942 386.4393234 0.001896025456 8.2 0.7290904199 400.8052943 0.001896025456 8.3 0.7255558529 415.7081072 0.0017479349297 8.4 0.7220926512 431.1720653 0.001674720394 8.5 0.7186984828 447.2227176 0.001607025883 8.6 0.7153711196 463.8869231 0.001542123918 8.7 0.7121084313 481.1929179 0.001479881363 8.8 0.7089083802 499.1703857 0.001420173152 8.9 0.7026884717 537.2661633 0.001307896383 9.1 0.6996649579 578.4435974 0.00120443335 9.3 0.6937822333 600.279771 0.001155764806				
6.2 0.8196218791 190.4997423 0.004302482876 6.3 0.8139347447 198.0022215 0.004110735418 6.4 0.8084017826 205.7508517 0.003929032496 6.5 0.8030163157 213.755032 0.003756713038 6.6 0.7977720574 222.0246432 0.003593168964 6.7 0.7926630835 230.5700728 0.003437840279 6.8 0.7876838057 239.4022409 0.003290210663 6.9 0.7828289482 248.5326273 0.003149803536 7 0.7780935254 257.9733006 0.00301617851 7.1 0.7734728225 267.7369481 0.002888928211 7.2 0.7689623766 277.8369076 0.002767675408 7.3 0.7645579604 288.2872007 0.00265207043 7.4 0.7602555659 299.1025679 0.002541788829 7.5 0.7560513911 310.2985056 0.002436529269 7.6 0.7519418259 321.8913045 0.002336011615 7.7 0.7479234404 333.8980906 0.002239975194 7.8 0.7403473228 359.2265644 0.002060391397 8 0.7363835343 372.5870769 0.001976406537 8.1 0.7326987942 386.4393234 0.001896025456 8.2 0.7290904199 400.8052943 0.001819063846 8.3 0.7255558529 415.7081072 0.001745349297 8.4 0.72096512 431.1720653 0.001674720394 8.5 0.7186984828 447.2227176 0.001607025883 8.6 0.7153711196 463.8869231 0.001542123918 8.7 0.7121084313 481.1929179 0.001745349297 8.8 0.7089083802 499.1703857 0.001420173152 8.9 0.7057690161 517.8505323 0.001672504806 9 0.7026884717 537.2661633 0.001307896383 9.1 0.6996649579 557.4517664 0.00120443335 9.3 0.6937822333 600.279771 0.001155764806				
6.3         0.8139347447         198.0022215         0.004110735418           6.4         0.8084017826         205.7508517         0.003929032496           6.5         0.8030163157         213.755032         0.003756713038           6.6         0.7977720574         222.0246432         0.003593168964           6.7         0.7926630835         230.5700728         0.003437840279           6.8         0.7876838057         239.4022409         0.003290210663           6.9         0.7828289482         248.5326273         0.003149803536           7         0.7780935254         257.9733006         0.00301617851           7.1         0.7734728225         267.7369481         0.002888928211           7.2         0.7689623766         277.8369076         0.002767675408           7.3         0.7645579604         288.2872007         0.00265207043           7.4         0.7602555659         299.1025679         0.002541788829           7.5         0.7550513911         310.2985056         0.002336011615           7.7         0.7479234404         333.8980906         0.002239975194           7.8         0.7439929736         346.3368682         0.002148177228           7.9         0.7401473228         359.2265644<		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
6.4         0.8084017826         205.7508517         0.003929032496           6.5         0.8030163157         213.755032         0.003756713038           6.6         0.7977720574         222.0246432         0.003593168964           6.7         0.7926630835         230.5700728         0.003437840279           6.8         0.7876838057         239.4022409         0.003290210663           6.9         0.7828289482         248.5326273         0.003149803536           7         0.7740935254         257.9733006         0.00301617851           7.1         0.7734728225         267.7369481         0.002888928211           7.2         0.7689623766         277.8369076         0.002767675408           7.3         0.7645579604         288.2872007         0.00265207043           7.4         0.7602555659         299.1025679         0.002436529269           7.6         0.7519418259         321.8913045         0.002336011615           7.7         0.7479234404         333.8980906         0.002239975194           7.8         0.7439929736         346.3368682         0.002148177228           7.9         0.7401473228         359.2265644         0.00260391397           8.1         0.7326987942         386.4393234 </td <td></td> <td> </td> <td></td> <td></td>				
6.5         0.8030163157         213.755032         0.003756713038           6.6         0.7977720574         222.0246432         0.003593168964           6.7         0.7926630835         230.5700728         0.003437840279           6.8         0.7876838057         239.4022409         0.003290210663           6.9         0.7828289482         248.5326273         0.003149803536           7         0.7780935254         257.9733006         0.00301617851           7.1         0.7734728225         267.7369481         0.002888928211           7.2         0.7689623766         277.8369076         0.002767675408           7.3         0.7645579604         288.2872007         0.00265207043           7.4         0.7602555659         299.1025679         0.002436529269           7.6         0.7519418259         321.8913045         0.002336011615           7.7         0.7479234404         333.8980906         0.002239975194           7.8         0.7439929736         346.3368682         0.002148177228           7.9         0.7401473228         359.2265644         0.002060391397           8         0.7363835343         372.5870769         0.001976406537           8.1         0.7326987942         386.4393234 <td></td> <td></td> <td></td> <td></td>				
6.6 0.7977720574 222.0246432 0.003593168964 6.7 0.7926630835 230.5700728 0.003437840279 6.8 0.7876838057 239.4022409 0.003290210663 6.9 0.7828289482 248.5326273 0.003149803536 7 0.7780935254 257.9733006 0.00301617851 7.1 0.7734728225 267.7369481 0.002888928211 7.2 0.7689623766 277.8369076 0.002767675408 7.3 0.7645579604 288.2872007 0.00265207043 7.4 0.7602555659 299.1025679 0.002541788829 7.5 0.7560513911 310.2985056 0.002436529269 7.6 0.7519418259 321.8913045 0.002336011615 7.7 0.7479234404 333.8980906 0.002239975194 7.8 0.7439929736 346.3368682 0.002148177228 7.9 0.7401473228 359.2265644 0.002060391397 8 0.7363835343 372.5870769 0.001976406537 8.1 0.7326987942 386.4393234 0.001896025456 8.2 0.7290904199 400.8052943 0.001819063846 8.3 0.7255558529 415.7081072 0.001745349297 8.4 0.7220926512 431.1720653 0.001674720394 8.5 0.7186984828 447.2227176 0.001607025883 8.6 0.7153711196 463.8869231 0.001542123918 8.7 0.7121084313 481.1929179 0.001479881363 8.8 0.7089083802 499.1703857 0.001420173152 8.9 0.7057690161 517.8505323 0.001307896383 9.1 0.6996649679 557.4517664 0.00120543335 9.3 0.6937822333 600.279771 0.001155764806				
6.7       0.7926630835       230.5700728       0.003437840279         6.8       0.7876838057       239.4022409       0.003290210663         6.9       0.7828289482       248.5326273       0.003149803536         7       0.7780935254       257.9733006       0.00301617851         7.1       0.7734728225       267.7369481       0.002888928211         7.2       0.7689623766       277.8369076       0.002767675408         7.3       0.7645579604       288.2872007       0.00265207043         7.4       0.7602555659       299.1025679       0.002541788829         7.5       0.7560513911       310.2985056       0.002436529269         7.6       0.7519418259       321.8913045       0.002336011615         7.7       0.7479234404       333.8980906       0.002239975194         7.8       0.7439929736       346.3368682       0.002148177228         7.9       0.7401473228       359.2265644       0.002060391397         8       0.7363835343       372.5870769       0.001976406537         8.1       0.7326987942       386.4393234       0.001890625456         8.2       0.7290904199       400.8052943       0.00189063846         8.3       0.7255558529       415.708				
6.8         0.7876838057         239.4022409         0.003290210663           6.9         0.7828289482         248.5326273         0.003149803536           7         0.7780935254         257.9733006         0.00301617851           7.1         0.7734728225         267.7369481         0.002888928211           7.2         0.7689623766         277.8369076         0.002767675408           7.3         0.7645579604         288.2872007         0.00265207043           7.4         0.7602555659         299.1025679         0.002436529269           7.5         0.7560513911         310.2985056         0.002436529269           7.6         0.7519418259         321.8913045         0.002336011615           7.7         0.7479234404         333.8980906         0.002239975194           7.8         0.7439929736         346.3368682         0.002148177228           7.9         0.7401473228         359.2265644         0.002060391397           8         0.7363835343         372.5870769         0.001976406537           8.1         0.7326987942         386.4393234         0.001896025456           8.2         0.7290904199         400.8052943         0.00147942349297           8.4         0.7255558529         415.7081072		0.7977720574		
6.9       0.7828289482       248.5326273       0.003149803536         7       0.7780935254       257.9733006       0.00301617851         7.1       0.7734728225       267.7369481       0.002888928211         7.2       0.7689623766       277.8369076       0.002767675408         7.3       0.7645579604       288.2872007       0.00265207043         7.4       0.7602555659       299.1025679       0.00254178829         7.5       0.7560513911       310.2985056       0.002336011615         7.7       0.7479234404       333.8980906       0.002239975194         7.8       0.7439929736       346.3368682       0.002148177228         7.9       0.7401473228       359.2265644       0.002060391397         8       0.7363835343       372.5870769       0.001976406537         8.1       0.7326987942       386.4393234       0.001896025456         8.2       0.7290904199       400.8052943       0.00189603846         8.3       0.7255558529       415.7081072       0.001745349297         8.4       0.7220926512       431.1720653       0.001674720394         8.5       0.7186984828       447.2227176       0.001607025883         8.6       0.7153711196       463.8869		0.7926630835	230.5700728	0.003437840279
7         0.7780935254         257.9733006         0.00301617851           7.1         0.7734728225         267.7369481         0.002888928211           7.2         0.7689623766         277.8369076         0.002767675408           7.3         0.7645579604         288.2872007         0.00265207043           7.4         0.7602555659         299.1025679         0.002541788829           7.5         0.7560513911         310.2985056         0.002436529269           7.6         0.7519418259         321.8913045         0.002336011615           7.7         0.7479234404         333.8980906         0.002239975194           7.8         0.7439929736         346.3368682         0.002148177228           7.9         0.7401473228         359.2265644         0.002060391397           8         0.7363835343         372.5870769         0.001976406537           8.1         0.7326987942         386.4393234         0.001896025456           8.2         0.7290904199         400.8052943         0.001819063846           8.3         0.7255558529         415.7081072         0.001745349297           8.4         0.7220926512         431.1720653         0.001607025883           8.6         0.7153711196         463.8869231 </td <td>6.8</td> <td>0.7876838057</td> <td>239.4022409</td> <td>0.003290210663</td>	6.8	0.7876838057	239.4022409	0.003290210663
7.1       0.7734728225       267.7369481       0.002888928211         7.2       0.7689623766       277.8369076       0.002767675408         7.3       0.7645579604       288.2872007       0.00265207043         7.4       0.7602555659       299.1025679       0.002541788829         7.5       0.7560513911       310.2985056       0.002336011615         7.7       0.7479234404       333.8980906       0.002239975194         7.8       0.7439929736       346.3368682       0.002148177228         7.9       0.7401473228       359.2265644       0.002060391397         8       0.7363835343       372.5870769       0.001976406537         8.1       0.7326987942       386.4393234       0.001896025456         8.2       0.7290904199       400.8052943       0.001819063846         8.3       0.7255558529       415.7081072       0.001745349297         8.4       0.7220926512       431.1720653       0.001607025883         8.6       0.7153711196       463.8869231       0.001542123918         8.7       0.7121084313       481.1929179       0.00147973152         8.9       0.7057690161       517.8505323       0.001307896383         9.1       0.6996649579       557.	6.9	0.7828289482	248.5326273	0.003149803536
7.2       0.7689623766       277.8369076       0.002767675408         7.3       0.7645579604       288.2872007       0.00265207043         7.4       0.7602555659       299.1025679       0.002541788829         7.5       0.7560513911       310.2985056       0.002336011615         7.7       0.7479234404       333.8980906       0.002239975194         7.8       0.7439929736       346.3368682       0.002148177228         7.9       0.7401473228       359.2265644       0.002060391397         8       0.7363835343       372.5870769       0.001976406537         8.1       0.7326987942       386.4393234       0.001896025456         8.2       0.7290904199       400.8052943       0.001819063846         8.3       0.7255558529       415.7081072       0.001745349297         8.4       0.7220926512       431.1720653       0.001607025883         8.6       0.7153711196       463.8869231       0.001542123918         8.7       0.7121084313       481.1929179       0.001479881363         8.8       0.7089083802       499.1703857       0.001420173152         8.9       0.7057690161       517.8505323       0.001307896383         9.1       0.6996649579       557	7	0.7780935254	257.9733006	0.00301617851
7.3       0.7645579604       288.2872007       0.00265207043         7.4       0.7602555659       299.1025679       0.002541788829         7.5       0.7560513911       310.2985056       0.002436529269         7.6       0.7519418259       321.8913045       0.002336011615         7.7       0.7479234404       333.8980906       0.002239975194         7.8       0.7439929736       346.3368682       0.002148177228         7.9       0.7401473228       359.2265644       0.002060391397         8       0.7363835343       372.5870769       0.001976406537         8.1       0.7326987942       386.4393234       0.001896025456         8.2       0.7290904199       400.8052943       0.001896025456         8.3       0.7255558529       415.7081072       0.001745349297         8.4       0.7220926512       431.1720653       0.001607025883         8.5       0.7186984828       447.2227176       0.001607025883         8.6       0.7153711196       463.8869231       0.001479881363         8.8       0.7089083802       499.1703857       0.001420173152         8.9       0.7057690161       517.8505323       0.001362881704         9       0.7026884717       537.2	7.1	0.7734728225	267.7369481	0.002888928211
7.4       0.7602555659       299.1025679       0.002541788829         7.5       0.7560513911       310.2985056       0.002436529269         7.6       0.7519418259       321.8913045       0.002336011615         7.7       0.7479234404       333.8980906       0.002239975194         7.8       0.7439929736       346.3368682       0.002148177228         7.9       0.7401473228       359.2265644       0.002060391397         8       0.7363835343       372.5870769       0.001976406537         8.1       0.7326987942       386.4393234       0.001896025456         8.2       0.7290904199       400.8052943       0.001819063846         8.3       0.7255558529       415.7081072       0.001674720394         8.4       0.7220926512       431.1720653       0.001674720394         8.5       0.7186984828       447.2227176       0.001607025883         8.6       0.7153711196       463.8869231       0.001542123918         8.7       0.7121084313       481.1929179       0.001479881363         8.8       0.7089083802       499.1703857       0.001420173152         8.9       0.7026884717       537.2661633       0.001307896383         9.1       0.6966967599       57	7.2	0.7689623766	277.8369076	0.002767675408
7.5       0.7560513911       310.2985056       0.002436529269         7.6       0.7519418259       321.8913045       0.002336011615         7.7       0.7479234404       333.8980906       0.002239975194         7.8       0.7439929736       346.3368682       0.002148177228         7.9       0.7401473228       359.2265644       0.002060391397         8       0.7363835343       372.5870769       0.001976406537         8.1       0.7326987942       386.4393234       0.001896025456         8.2       0.7290904199       400.8052943       0.001819063846         8.3       0.72555558529       415.7081072       0.001745349297         8.4       0.7220926512       431.1720653       0.001674720394         8.5       0.7186984828       447.2227176       0.001607025883         8.6       0.7153711196       463.8869231       0.001542123918         8.7       0.7121084313       481.1929179       0.001420173152         8.9       0.7057690161       517.8505323       0.001362881704         9       0.7026884717       537.2661633       0.001307896383         9.1       0.6966967599       578.4435974       0.00120443335         9.3       0.6937822333       600.	7.3	0.7645579604	288.2872007	0.00265207043
7.6       0.7519418259       321.8913045       0.002336011615         7.7       0.7479234404       333.8980906       0.002239975194         7.8       0.7439929736       346.3368682       0.002148177228         7.9       0.7401473228       359.2265644       0.002060391397         8       0.7363835343       372.5870769       0.001976406537         8.1       0.7326987942       386.4393234       0.001896025456         8.2       0.7290904199       400.8052943       0.001819063846         8.3       0.72555558529       415.7081072       0.001745349297         8.4       0.7220926512       431.1720653       0.001607025883         8.5       0.7186984828       447.2227176       0.001607025883         8.6       0.7153711196       463.8869231       0.001542123918         8.7       0.7121084313       481.1929179       0.001479881363         8.8       0.7089083802       499.1703857       0.001420173152         8.9       0.7057690161       517.8505323       0.001307896383         9.1       0.6996649579       557.4517664       0.001255112998         9.2       0.6966967599       578.4435974       0.00120443335         9.3       0.6937822333       60	7.4	0.7602555659	299.1025679	0.002541788829
7.7       0.7479234404       333.8980906       0.002239975194         7.8       0.7439929736       346.3368682       0.002148177228         7.9       0.7401473228       359.2265644       0.002060391397         8       0.7363835343       372.5870769       0.001976406537         8.1       0.7326987942       386.4393234       0.001896025456         8.2       0.7290904199       400.8052943       0.001819063846         8.3       0.7255558529       415.7081072       0.001745349297         8.4       0.7220926512       431.1720653       0.001607025883         8.5       0.7186984828       447.2227176       0.001607025883         8.6       0.7153711196       463.8869231       0.001542123918         8.7       0.7121084313       481.1929179       0.001479881363         8.8       0.7089083802       499.1703857       0.001420173152         8.9       0.7057690161       517.8505323       0.001362881704         9       0.7026884717       537.2661633       0.001307896383         9.1       0.6996649579       557.4517664       0.00120443335         9.2       0.6966967599       578.4435974       0.001155764806	7.5	0.7560513911	310.2985056	0.002436529269
7.8       0.7439929736       346.3368682       0.002148177228         7.9       0.7401473228       359.2265644       0.002060391397         8       0.7363835343       372.5870769       0.001976406537         8.1       0.7326987942       386.4393234       0.001896025456         8.2       0.7290904199       400.8052943       0.001819063846         8.3       0.7255558529       415.7081072       0.001745349297         8.4       0.7220926512       431.1720653       0.001607025883         8.5       0.7186984828       447.2227176       0.001607025883         8.6       0.7153711196       463.8869231       0.001542123918         8.7       0.7121084313       481.1929179       0.001479881363         8.8       0.7089083802       499.1703857       0.001420173152         8.9       0.7057690161       517.8505323       0.001362881704         9       0.7026884717       537.2661633       0.001307896383         9.1       0.6996649579       557.4517664       0.00120443335         9.2       0.6966967599       578.4435974       0.001120443335         9.3       0.6937822333       600.279771       0.001155764806	7.6	0.7519418259	321.8913045	0.002336011615
7.9       0.7401473228       359.2265644       0.002060391397         8       0.7363835343       372.5870769       0.001976406537         8.1       0.7326987942       386.4393234       0.001896025456         8.2       0.7290904199       400.8052943       0.001819063846         8.3       0.7255558529       415.7081072       0.001745349297         8.4       0.7220926512       431.1720653       0.001674720394         8.5       0.7186984828       447.2227176       0.001607025883         8.6       0.7153711196       463.8869231       0.001542123918         8.7       0.7121084313       481.1929179       0.001479881363         8.8       0.7089083802       499.1703857       0.001420173152         8.9       0.7057690161       517.8505323       0.001362881704         9       0.7026884717       537.2661633       0.001307896383         9.1       0.6996649579       557.4517664       0.001255112998         9.2       0.6966967599       578.4435974       0.00120443335         9.3       0.6937822333       600.279771       0.001155764806	7.7	0.7479234404	333.8980906	0.002239975194
8       0.7363835343       372.5870769       0.001976406537         8.1       0.7326987942       386.4393234       0.001896025456         8.2       0.7290904199       400.8052943       0.001819063846         8.3       0.7255558529       415.7081072       0.001745349297         8.4       0.7220926512       431.1720653       0.001674720394         8.5       0.7186984828       447.2227176       0.001607025883         8.6       0.7153711196       463.8869231       0.001542123918         8.7       0.7121084313       481.1929179       0.001479881363         8.8       0.7089083802       499.1703857       0.001420173152         8.9       0.7057690161       517.8505323       0.001307896383         9.1       0.6996649579       557.4517664       0.001255112998         9.2       0.6966967599       578.4435974       0.00120443335         9.3       0.6937822333       600.279771       0.001155764806	7.8	0.7439929736	346.3368682	0.002148177228
8.1       0.7326987942       386.4393234       0.001896025456         8.2       0.7290904199       400.8052943       0.001819063846         8.3       0.7255558529       415.7081072       0.001745349297         8.4       0.7220926512       431.1720653       0.001674720394         8.5       0.7186984828       447.2227176       0.001607025883         8.6       0.7153711196       463.8869231       0.001542123918         8.7       0.7121084313       481.1929179       0.001479881363         8.8       0.7089083802       499.1703857       0.001420173152         8.9       0.7057690161       517.8505323       0.001362881704         9       0.7026884717       537.2661633       0.001307896383         9.1       0.6996649579       557.4517664       0.001255112998         9.2       0.6966967599       578.4435974       0.00120443335         9.3       0.6937822333       600.279771       0.001155764806	7.9	0.7401473228	359.2265644	0.002060391397
8.2       0.7290904199       400.8052943       0.001819063846         8.3       0.7255558529       415.7081072       0.001745349297         8.4       0.7220926512       431.1720653       0.001674720394         8.5       0.7186984828       447.2227176       0.001607025883         8.6       0.7153711196       463.8869231       0.001542123918         8.7       0.7121084313       481.1929179       0.001479881363         8.8       0.7089083802       499.1703857       0.001420173152         8.9       0.7057690161       517.8505323       0.001362881704         9       0.7026884717       537.2661633       0.001307896383         9.1       0.6996649579       557.4517664       0.001255112998         9.2       0.6966967599       578.4435974       0.00120443335         9.3       0.6937822333       600.279771       0.001155764806	8	0.7363835343	372.5870769	0.001976406537
8.3       0.7255558529       415.7081072       0.001745349297         8.4       0.7220926512       431.1720653       0.001674720394         8.5       0.7186984828       447.2227176       0.001607025883         8.6       0.7153711196       463.8869231       0.001542123918         8.7       0.7121084313       481.1929179       0.001479881363         8.8       0.7089083802       499.1703857       0.001420173152         8.9       0.7057690161       517.8505323       0.001362881704         9       0.7026884717       537.2661633       0.001307896383         9.1       0.6996649579       557.4517664       0.001255112998         9.2       0.6966967599       578.4435974       0.00120443335         9.3       0.6937822333       600.279771       0.001155764806	8.1	0.7326987942	386.4393234	0.001896025456
8.4       0.7220926512       431.1720653       0.001674720394         8.5       0.7186984828       447.2227176       0.001607025883         8.6       0.7153711196       463.8869231       0.001542123918         8.7       0.7121084313       481.1929179       0.001479881363         8.8       0.7089083802       499.1703857       0.001420173152         8.9       0.7057690161       517.8505323       0.001362881704         9       0.7026884717       537.2661633       0.001307896383         9.1       0.6996649579       557.4517664       0.001255112998         9.2       0.6966967599       578.4435974       0.00120443335         9.3       0.6937822333       600.279771       0.001155764806	8.2	0.7290904199	400.8052943	0.001819063846
8.5       0.7186984828       447.2227176       0.001607025883         8.6       0.7153711196       463.8869231       0.001542123918         8.7       0.7121084313       481.1929179       0.001479881363         8.8       0.7089083802       499.1703857       0.001420173152         8.9       0.7057690161       517.8505323       0.001362881704         9       0.7026884717       537.2661633       0.001307896383         9.1       0.6996649579       557.4517664       0.001255112998         9.2       0.6966967599       578.4435974       0.00120443335         9.3       0.6937822333       600.279771       0.001155764806	8.3	0.7255558529	415.7081072	0.001745349297
8.6       0.7153711196       463.8869231       0.001542123918         8.7       0.7121084313       481.1929179       0.001479881363         8.8       0.7089083802       499.1703857       0.001420173152         8.9       0.7057690161       517.8505323       0.001362881704         9       0.7026884717       537.2661633       0.001307896383         9.1       0.6996649579       557.4517664       0.001255112998         9.2       0.6966967599       578.4435974       0.00120443335         9.3       0.6937822333       600.279771       0.001155764806	8.4	0.7220926512	431.1720653	0.001674720394
8.7       0.7121084313       481.1929179       0.001479881363         8.8       0.7089083802       499.1703857       0.001420173152         8.9       0.7057690161       517.8505323       0.001362881704         9       0.7026884717       537.2661633       0.001307896383         9.1       0.6996649579       557.4517664       0.001255112998         9.2       0.6966967599       578.4435974       0.00120443335         9.3       0.6937822333       600.279771       0.001155764806	8.5	0.7186984828	447.2227176	0.001607025883
8.8       0.7089083802       499.1703857       0.001420173152         8.9       0.7057690161       517.8505323       0.001362881704         9       0.7026884717       537.2661633       0.001307896383         9.1       0.6996649579       557.4517664       0.001255112998         9.2       0.6966967599       578.4435974       0.00120443335         9.3       0.6937822333       600.279771       0.001155764806	8.6	0.7153711196	463.8869231	0.001542123918
8.9       0.7057690161       517.8505323       0.001362881704         9       0.7026884717       537.2661633       0.001307896383         9.1       0.6996649579       557.4517664       0.001255112998         9.2       0.6966967599       578.4435974       0.00120443335         9.3       0.6937822333       600.279771       0.001155764806	8.7	0.7121084313	481.1929179	0.001479881363
9       0.7026884717       537.2661633       0.001307896383         9.1       0.6996649579       557.4517664       0.001255112998         9.2       0.6966967599       578.4435974       0.00120443335         9.3       0.6937822333       600.279771       0.001155764806	8.8	0.7089083802	499.1703857	0.001420173152
9.1       0.6996649579       557.4517664       0.001255112998         9.2       0.6966967599       578.4435974       0.00120443335         9.3       0.6937822333       600.279771       0.001155764806	8.9	0.7057690161	517.8505323	0.001362881704
9.2     0.6966967599     578.4435974     0.00120443335       9.3     0.6937822333     600.279771     0.001155764806	9	0.7026884717	537.2661633	0.001307896383
9.3 0.6937822333 600.279771 0.001155764806	9.1	0.6996649579	557.4517664	0.001255112998
	9.2	0.6966967599	578.4435974	0.00120443335
9.4 0.6909198003 623.0003561 0.001109019912	9.3	0.6937822333	600.279771	0.001155764806
	9.4	0.6909198003	623.0003561	0.001109019912

9.5	0.6881079466	646.6474761	0.001064116032
9.6	0.685345218	671.265414	0.001020975018
9.7	0.6826302172	696.9007231	0.0009795228998
9.8	0.6799616014	723.6023438	0.0009396896061
9.9	0.6773380795	751.4217255	0.0009014086983

Phenomenon	Hypatian Predicti	Observed Value				
		49.1°±1.4°49.1^\	circ \nm 1 4^\circ			
		6.1×10−106.1 \tir	•			
			, ,	4} \times 10^{-22}	1 0-0 3+0 4×10-1	226\/
Divi Solitori mass	start_prime	end_prime	phi_correlation		plastic_correlatio	
0	2	233	0.2924529107	0.2924529107	0.2924529107	
1	3	239	0.2493424398	0.2493424398	0.2493424398	
2	5	241	0.1639611271	0.1639611271	0.1639611271	
3	7	251	0.1736762913	0.1736762913	0.1736762913	
4	11	257	0.1927412904	0.1927412904	0.1927412904	
5	13	263	0.1710382737	0.1710382737	0.1710382737	
6	17	269	0.1867535425	0.1867535425	0.1867535425	
7	19	271	0.09304133373		0.09304133373	
8	23	277	0.10800096	0.10800096	0.10800096	
9	29	281	0.1236417243	0.1236417243	0.1236417243	
10	31	283	0.02992951555	0.02992951555	0.02992951555	
11	37	293	0.09928144026	0.09928144026	0.09928144026	
12	41	307	0.1567860395	0.1567860395	0.1567860395	
13	43	311	0.1052757444	0.1052757444	0.1052757444	
14	47	313	0.04998165531	0.04998165531	0.04998165531	
15	53	317	0.06143915352		0.06143915352	
16	59	331	0.1401004375	0.1401004375	0.1401004375	
17	61	337	0.111336388	0.111336388	0.111336388	
18	67	347	0.1677170381	0.1677170381	0.1677170381	
19	71	349	0.1108305552	0.1108305552	0.1108305552	
20	73	353	0.05785471047	0.05785471047	0.05785471047	
21	79	359	0.08654772168	0.08654772168	0.08654772168	
22	83	367	0.1071164419	0.1071164419	0.1071164419	
23	89	373	0.1340681858	0.1340681858	0.1340681858	
24	97	379	0.1784085904	0.1784085904	0.1784085904	
25	101	383	0.1607041024	0.1607041024	0.1607041024	
26	103	389	0.1279640601	0.1279640601	0.1279640601	
27	107	397	0.1453347575	0.1453347575	0.1453347575	
28	109	401	0.08496510684	0.08496510684	0.08496510684	
29	113	409	0.09975668663	0.09975668663	0.09975668663	
30	127	419	0.2029588358	0.2029588358	0.2029588358	
31	131	421	0.135042264	0.135042264	0.135042264	
32	137	431	0.1848842591	0.1848842591	0.1848842591	
33	139	433	0.08245097903	0.08245097903	0.08245097903	
34	149	439	0.135676267	0.135676267	0.135676267	
35	151	443	0.07364808614	0.07364808614	0.07364808614	
36	157	449	0.09600209881	0.09600209881	0.09600209881	
37	163	457	0.1341479611	0.1341479611	0.1341479611	
38	167	461	0.108443389	0.108443389	0.108443389	

39	173	463	0.06582066904	0.06582066904	0.06582066904	
40	179	467	0.0667752061	0.0667752061	0.0667752061	
41	181	479	0.06617185851	0.06617185851	0.06617185851	
42	191	487	0.1334162597	0.1334162597	0.1334162597	
43	193	491	0.06879121392	0.06879121392	0.06879121392	
44	197	499	0.0806860714	0.0806860714	0.0806860714	
45	199	503	0.01031221199	0.01031221199	0.01031221199	
46	211	509	0.07127553971	0.07127553971	0.07127553971	
47	223	521	0.1753482413	0.1753482413	0.1753482413	
48	227	523	0.1005973288	0.1005973288	0.1005973288	
49	229	541	0.1160490759	0.1160490759	0.1160490759	
50	233	547	0.1067577002	0.1067577002	0.1067577002	
51	239	557	0.1484180255	0.1484180255	0.1484180255	
52	241	563	0.09857498901	0.09857498901	0.09857498901	
53	251	569	0.141493761	0.141493761	0.141493761	
54	257	571	0.08546992368	0.08546992368	0.08546992368	
55	263	577	0.09930960636	0.09930960636	0.09930960636	
56	269	587	0.1410492088	0.1410492088	0.1410492088	
57	271	593	0.09099068364	0.09099068364	0.09099068364	
58	277	599	0.1012312546	0.1012312546	0.1012312546	
59	281	601	0.02171622284	0.02171622284	0.02171622284	
60	283	607	-0.03294993412	-0.03294993412	-0.03294993412	
61	293	613	0.007697474162	0.007697474162	0.007697474162	
62	307	617	0.0478407561	0.0478407561	0.0478407561	
63	311	619	-0.02998887585	-0.02998887585	-0.02998887585	
64	313	631	-0.04180387318	-0.04180387318	-0.04180387318	
65	317	641	-0.02519110132	-0.02519110132	-0.02519110132	
66	331	643	-0.02917145958	-0.02917145958	-0.02917145958	
67	337	647	-0.03964169132	-0.03964169132	-0.03964169132	
68	347	653	0.006264263233	0.006264263233	0.006264263233	
69	349	659	-0.04771848655	-0.04771848655	-0.04771848655	
70	353	661	-0.1243391133	-0.1243391133	-0.1243391133	
71	359	673	-0.06662050645	-0.06662050645	-0.06662050645	
72	367	677	-0.06007405148	-0.06007405148	-0.06007405148	
73	373	683	-0.04546020493	-0.04546020493	-0.04546020493	
74	379	691	-0.01383816802	-0.01383816802	-0.01383816802	
75	383	701	0.005183864832	0.005183864832	0.005183864832	
76	389	709	0.03334002079	0.03334002079	0.03334002079	
77	397	719	0.09052185334	0.09052185334	0.09052185334	
78	401	727	0.09296117457	0.09296117457	0.09296117457	
79	409	733	0.1192207275	0.1192207275	0.1192207275	
80	419	739	0.1608387198	0.1608387198	0.1608387198	
81	421	743	0.08350778556	0.08350778556	0.08350778556	
82	431	751	0.142816047	0.142816047	0.142816047	

83	433	757	0.08659646904	0.08659646904	0.08659646904	
84	439	761	0.06839943666	0.06839943666	0.06839943666	
85	443	769	0.06843579706	0.06843579706	0.06843579706	
86	449	773	0.04964316721	0.04964316721	0.04964316721	
87	457	787	0.1254743333	0.1254743333	0.1254743333	
88	461	797	0.1362009037	0.1362009037	0.1362009037	
89	463	809	0.1153553405	0.1153553405	0.1153553405	
90	467	811	0.02037216738	0.02037216738	0.02037216738	
91	479	821	0.0955465701	0.0955465701	0.0955465701	
92	487	823	0.04758454054	0.04758454054	0.04758454054	
93	491	827	0.00425720644	0.00425720644	0.00425720644	
94	499	829	-0.0364006418	-0.0364006418	-0.0364006418	
95	503	839	-0.02340439658		-0.02340439658	
96	509	853	0.02930154611	0.02930154611	0.02930154611	
97	521	857	0.0509219995	0.0509219995	0.0509219995	
98	523	859	-0.0676415012	-0.0676415012	-0.0676415012	
99	541	863	-0.0210842625	-0.0210842625	-0.0210842625	
100	547	877	0.03681855375	0.03681855375	0.03681855375	
101	557	881	0.05204686499	0.05204686499	0.05204686499	
102	563	883	-0.000213783607	-0.00021378360	-0.00021378360	
103	569	887	-0.0103847244	-0.0103847244	-0.0103847244	
104	571	907	0.005893283756	0.005893283756	0.005893283756	
105	577	911	-0.008269102598	-0.008269102598	-0.008269102598	
106	587	919	0.04478482427	0.04478482427	0.04478482427	
107	593	929	0.08094565754	0.08094565754	0.08094565754	
108	599	937	0.1040512131	0.1040512131	0.1040512131	
109	601	941	0.02903078238	0.02903078238	0.02903078238	
110	607	947	0.03496147902	0.03496147902	0.03496147902	
111	613	953	0.04089217567	0.04089217567	0.04089217567	
112	617	967	0.06901235326	0.06901235326	0.06901235326	
113	619	971	-0.0118921154	-0.0118921154	-0.0118921154	
114	631	977	0.03011079132	0.03011079132	0.03011079132	
115	641	983	0.06371664543	0.06371664543	0.06371664543	
116	643	991	0.02021479128	0.02021479128	0.02021479128	
117	647	997	-0.00322735676	-0.00322735676	-0.00322735676	
118	653	1009	0.03721111845	0.03721111845	0.03721111845	
119	659	1013	0.01230069015	0.01230069015	0.01230069015	
120	661	1019	-0.05602443347	-0.05602443347	-0.05602443347	
121	673	1021	-0.07983977452	-0.07983977452	-0.07983977452	
122	677	1031	-0.07320393909	-0.07320393909	-0.07320393909	
123	683	1033	-0.1335238174	-0.1335238174	-0.1335238174	
124	691	1039	-0.1153509545	-0.1153509545	-0.1153509545	
125	701	1049	-0.05422725527	-0.05422725527	-0.05422725527	
126	709	1051	-0.09441485132	-0.09441485132	-0.09441485132	

127							
129	127	719	1061	-0.0318550536	-0.0318550536	-0.0318550536	
130	128	727	1063	-0.06872421874	-0.06872421874	-0.06872421874	
131	129	733	1069	-0.06050148938	-0.06050148938	-0.06050148938	
132	130	739	1087	0.006381671854	0.006381671854	0.006381671854	
133	131	743	1091	-0.03090891081	-0.03090891081	-0.03090891081	
134	132	751	1093	-0.0653169875	-0.0653169875	-0.0653169875	
135         769         1109         -0.06632083124         -0.06632083124         -0.06632083124         -0.06410988479         -0.01189766504         -0.01189766504         -0.01189766504         -0.01189766504         -0.01189766504         -0.01189766504         -0.01189766504         -0.01189766504         -0.01189766504         -0.01189766504         -0.01189766504         -0.1376007628         0.1376007628         0.1376007628         0.1376007628         0.1376007628         0.1376007628         0.1376007628         0.1376007628         0.1376007628         0.1376007628         0.1376007628         0.0328204683         0.0328204683         0.032828204683         0.032828204683         0.024814866         0.07250165854         0.07250165854         0.07250165854         0.07250165854         0.07250165854         0.07250165854         0.07250165854         0.07250165	133	757	1097	-0.07735174734	-0.07735174734	-0.07735174734	
136         773         1117         -0.06410988479         -0.06410988479         -0.06410988479         -0.0140976504         -0.01189766504         -0.01189766504         -0.01189766504         -0.01189766504         -0.01189766504         -0.01189766504         -0.01189766504         -0.01189766504         -0.01189766504         -0.01189766504         -0.01189766504         -0.01189766504         -0.01189766504         -0.01189766504         -0.01189766504         -0.01189766504         -0.01189766504         -0.01189766504         -0.011897686504         -0.0288204683         0.03288204683         0.03288204683         0.03288204683         0.03288204683         0.03491084676         0.09491084676         0.0168708367         0.07250165854         0.07250165854         0.0188708463         0.1347560834         0.1347560834         0.1347560834         0.1347560834         0.1347560894         0.1347560894         0.1347560894         0.1347560894         0.1347560894	134	761	1103	-0.08971641924	-0.08971641924	-0.08971641924	
137         787         1123         -0.01189766504         -0.01189766504         -0.01189766504           138         797         1129         0.0254169839         0.0254169839         0.0254169839           139         809         1151         0.1376007628         0.1376007628         0.1376007628           140         811         1153         0.03288204683         0.03288204683         0.03288204683         0.03288204683           141         821         1163         0.09491084676         0.09491084676         0.09491084676           142         823         1171         0.06185409232         0.06185409232         0.06185409232           143         827         1181         0.07250165854         0.07250165854         0.07250165854           144         829         1187         0.01837784683         0.01837784683         0.01837784683           145         839         1193         0.04906469407         0.04906469407         0.04906469407           146         853         1201         0.1147676956         0.1167676956         0.1167676956           147         857         1213         0.1347560894         0.1347560894         0.1347560894           148         859         1217         0	135	769	1109	-0.06632083124	-0.06632083124	-0.06632083124	
138         797         1129         0.0254169839         0.0254169839         0.0254169839           139         809         1151         0.1376007628         0.1376007628         0.1376007628           140         811         1153         0.03288204683         0.03288204683         0.03288204683           141         821         1163         0.09491084676         0.09491084676         0.09491084676           142         823         1171         0.06185409232         0.06185409232         0.06185409232           143         827         1181         0.07250165854         0.07250165854         0.07250165854           144         829         1187         0.01837784683         0.01837784683         0.01837784683           145         839         1193         0.04906469407         0.04906469407         0.04906469407           146         853         1201         0.1167676956         0.1167676956         0.1167676956           147         857         1213         0.1347560894         0.1347560894         0.1347560894           148         859         1217         0.0549831985         0.0549831985         0.0549831985         0.0549831985           149         863         1223         0.034242	136	773	1117	-0.06410988479	-0.06410988479	-0.06410988479	
139         809         1151         0.1376007628         0.1376007628         0.1376007628           140         811         1153         0.03288204683         0.03288204683         0.03288204683           141         821         1163         0.09491084676         0.09491084676         0.09491084676           142         823         1171         0.06185409232         0.06185409232         0.06185409232           143         827         1181         0.07250165854         0.07250165854         0.07250165854           144         829         1187         0.01837784683         0.01837784683         0.01837784683           145         839         1193         0.04906469407         0.04906469407         0.04906469407           146         853         1201         0.1167676956         0.1167676956         0.1167676956           147         857         1213         0.1347560894         0.1347560894         0.1347560894           148         859         1217         0.0549831985         0.0549831985         0.0549831985           149         863         1223         0.03242472686         0.03242472686         0.03242472686           150         877         1229         0.0168708515         -0.01	137	787	1123	-0.01189766504	-0.01189766504	-0.01189766504	
140         811         1153         0.03288204683         0.03288204683         0.03288204683           141         821         1163         0.09491084676         0.09491084676         0.09491084676           142         823         1171         0.06185409232         0.06185409232         0.06185409232           143         827         1181         0.07250165854         0.07250165854         0.07250165854           144         829         1187         0.01837784683         0.01837784683         0.01837784683           145         839         1193         0.04906469407         0.04906469407         0.04906469407           146         853         1201         0.1167676956         0.1167676956         0.1167676956           147         857         1213         0.1347560894         0.1347560894         0.1347560894           148         859         1217         0.0549831985         0.0549831985         0.0549831985           149         863         1223         0.03242472686         0.03242472686         0.03242472686           150         877         1229         0.08266518238         0.08266518238         0.08266518238           151         881         1231         -0.00168708515	138	797	1129	0.0254169839	0.0254169839	0.0254169839	
141         821         1163         0.09491084676         0.09491084676         0.09491084676           142         823         1171         0.06185409232         0.06185409232         0.06185409232           143         827         1181         0.07250165854         0.07250165854         0.07250165854           144         829         1187         0.01837784683         0.01837784683         0.01837784683           145         839         1193         0.04906469407         0.04906469407         0.04906469407           146         853         1201         0.1167676956         0.1167676956         0.1167676956           147         857         1213         0.1347560894         0.1347560894         0.1347560894           148         859         1217         0.0549831985         0.0549831985         0.0549831985           149         863         1223         0.03242472686         0.03242472686         0.03242472686           150         877         1229         0.08266518238         0.08266518238         0.8266518238           151         881         1231         -0.0168708515         -0.00168708515         -0.00168708515           152         883         1237         -0.06346524177 <td< td=""><td>139</td><td>809</td><td>1151</td><td>0.1376007628</td><td>0.1376007628</td><td>0.1376007628</td><td></td></td<>	139	809	1151	0.1376007628	0.1376007628	0.1376007628	
142         823         1171         0.06185409232         0.06185409232         0.06185409232           143         827         1181         0.07250165854         0.07250165854         0.07250165854           144         829         1187         0.01837784683         0.01837784683         0.01837784683           145         839         1193         0.04906469407         0.04906469407         0.04906469407           146         853         1201         0.1167676956         0.1167676956         0.1167676956           147         857         1213         0.1347560894         0.1347560894         0.1347560894           148         859         1217         0.0549831985         0.0549831985         0.0549831985           149         863         1223         0.03242472686         0.03242472686         0.03242472686           150         877         1229         0.08266518238         0.08266518238         0.08266518238           151         881         1231         -0.00168708515         -0.00168708515         -0.00168708515           152         883         1237         -0.06346524177         -0.06346524177         -0.06346524177         -0.06346524177         -0.06346524177         -0.06346524177         -0.0634652417	140	811	1153	0.03288204683	0.03288204683	0.03288204683	
143         827         1181         0.07250165854         0.07250165854         0.07250165854           144         829         1187         0.01837784683         0.01837784683         0.01837784683         0.01837784683           145         839         1193         0.04906469407         0.04906469407         0.04906469407           146         853         1201         0.1167676956         0.1167676956         0.1167676956           147         857         1213         0.1347560894         0.1347560894         0.1347560894           148         859         1217         0.0549831985         0.0549831985         0.0549831985           149         863         1223         0.03242472686         0.03242472686         0.03242472686           150         877         1229         0.08266518238         0.08266518238         0.08266518238           151         881         1231         -0.00168708515         -0.00168708515         -0.00168708515           152         883         1237         -0.06346524177         -0.06346524177         -0.06346524177         -0.06346524177         -0.06346524177         -0.06346524177         -0.06346524177         -0.06346524177         -0.06346524177         -0.06346524177         -0.06346524177 <t< td=""><td>141</td><td>821</td><td>1163</td><td>0.09491084676</td><td>0.09491084676</td><td>0.09491084676</td><td></td></t<>	141	821	1163	0.09491084676	0.09491084676	0.09491084676	
144       829       1187       0.01837784683       0.01837784683       0.01837784683         145       839       1193       0.04906469407       0.04906469407       0.04906469407         146       853       1201       0.1167676956       0.1167676956       0.1167676956         147       857       1213       0.1347560894       0.1347560894       0.1347560894         148       859       1217       0.0549831985       0.0549831985       0.0549831985         149       863       1223       0.03242472686       0.03242472686       0.03242472686         150       877       1229       0.08266518238       0.08266518238       0.08266518238       0.08266518238         151       881       1231       -0.00168708515       -0.00168708515       -0.00168708515         152       883       1237       -0.06346524177       -0.06346524177       -0.06346524177         153       887       1249       -0.04694278848       -0.04694278848       -0.04694278848         154       907       1259       0.05236507702       0.05236507702       0.05236507702       0.05236507702       0.05236507702       0.05236507702       0.05236507702       0.05236507702       0.05236507702       0.05236507702 <t< td=""><td>142</td><td>823</td><td>1171</td><td>0.06185409232</td><td>0.06185409232</td><td>0.06185409232</td><td></td></t<>	142	823	1171	0.06185409232	0.06185409232	0.06185409232	
145       839       1193       0.04906469407       0.04906469407       0.04906469407         146       853       1201       0.1167676956       0.1167676956       0.1167676956         147       857       1213       0.1347560894       0.1347560894       0.1347560894         148       859       1217       0.0549831985       0.0549831985       0.0549831985         149       863       1223       0.03242472686       0.03242472686       0.03242472686         150       877       1229       0.08266518238       0.08266518238       0.08266518238         151       881       1231       -0.00168708515       -0.00168708515       -0.00168708515         152       883       1237       -0.06346524177       -0.06	143	827	1181	0.07250165854	0.07250165854	0.07250165854	
146         853         1201         0.1167676956         0.1167676956         0.1167676956           147         857         1213         0.1347560894         0.1347560894         0.1347560894           148         859         1217         0.0549831985         0.0549831985         0.0549831985           149         863         1223         0.03242472686         0.03242472686         0.03242472686           150         877         1229         0.08266518238         0.08266518238         0.08266518238           151         881         1231         -0.00168708515         -0.00168708515         -0.00168708515           152         883         1237         -0.06346524177         -0.06346524177         -0.06346524177           153         887         1249         -0.04694278848         -0.04694278848         -0.04694278848           154         907         1259         0.05236507702         0.05236507702         0.05236507702         0.05236507702           155         911         1277         0.08899709712         0.08899709712         0.08899709712         0.08899709712         0.08899709712         0.0877852743         0.0377852743         0.0377852743         0.0377852743         0.035510797         0.0635510797         0.06355107	144	829	1187	0.01837784683	0.01837784683	0.01837784683	
147         857         1213         0.1347560894         0.1347560894         0.1347560894           148         859         1217         0.0549831985         0.0549831985         0.0549831985           149         863         1223         0.03242472686         0.03242472686         0.03242472686           150         877         1229         0.08266518238         0.08266518238         0.08266518238           151         881         1231         -0.00168708515         -0.00168708515         -0.00168708515           152         883         1237         -0.06346524177         -0.06346524177         -0.06346524177           153         887         1249         -0.04694278848         -0.04694278848         -0.04694278848           154         907         1259         0.05236507702         0.05236507702         0.05236507702           155         911         1277         0.08899709712         0.08899709712         0.08899709712           156         919         1279         0.03877852743         0.03877852743         0.03877852743           157         929         1283         0.04534631086         0.04534631086         0.04534631086           158         937         1289         0.0635510797	145	839	1193	0.04906469407	0.04906469407	0.04906469407	
148       859       1217       0.0549831985       0.0549831985       0.0549831985         149       863       1223       0.03242472686       0.03242472686       0.03242472686         150       877       1229       0.08266518238       0.08266518238       0.08266518238         151       881       1231       -0.00168708515       -0.00168708515       -0.00168708515         152       883       1237       -0.06346524177       -0.06346524177       -0.06346524177         153       887       1249       -0.04694278848       -0.04694278848       -0.04694278848         154       907       1259       0.05236507702       0.05236507702       0.05236507702         155       911       1277       0.08899709712       0.08899709712       0.08899709712       0.08899709712         156       919       1279       0.03877852743       0.03877852743       0.03877852743       0.03877852743         157       929       1283       0.04534631086       0.04534631086       0.04534631086         158       937       1289       0.0635510797       0.0635510797       0.0635510797         159       941       1291       -0.01764307409       -0.01764307409       -0.01764307409       -0	146	853	1201	0.1167676956	0.1167676956	0.1167676956	
149       863       1223       0.03242472686       0.03242472686       0.03242472686         150       877       1229       0.08266518238       0.08266518238       0.08266518238         151       881       1231       -0.00168708515       -0.00168708515       -0.00168708515         152       883       1237       -0.06346524177       -0.06346524177       -0.06346524177         153       887       1249       -0.04694278848       -0.04694278848       -0.04694278848         154       907       1259       0.05236507702       0.05236507702       0.05236507702         155       911       1277       0.08899709712       0.08899709712       0.08899709712         156       919       1279       0.03877852743       0.03877852743       0.03877852743         157       929       1283       0.04534631086       0.04534631086       0.04534631086         158       937       1289       0.0635510797       0.0635510797       0.0635510797         159       941       1291       -0.01764307409       -0.01764307409       -0.01764307409         160       947       1297       -0.01395405971       -0.01395349913       -0.03195349913       -0.03195349913       -0.03195349913	147	857	1213	0.1347560894	0.1347560894	0.1347560894	
150       877       1229       0.08266518238       0.08266518238       0.08266518238         151       881       1231       -0.00168708515       -0.00168708515       -0.00168708515         152       883       1237       -0.06346524177       -0.06346524177       -0.06346524177         153       887       1249       -0.04694278848       -0.04694278848       -0.04694278848         154       907       1259       0.05236507702       0.05236507702       0.05236507702         155       911       1277       0.08899709712       0.08899709712       0.08899709712         156       919       1279       0.03877852743       0.03877852743       0.03877852743         157       929       1283       0.04534631086       0.04534631086       0.04534631086         158       937       1289       0.0635510797       0.0635510797       0.0635510797         159       941       1291       -0.01764307409       -0.01764307409       -0.01764307409         160       947       1297       -0.01395405971       -0.01395405971       -0.01395405971         161       953       1301       -0.03195349913       -0.03195349913       -0.03195349913         162       967	148	859	1217	0.0549831985	0.0549831985	0.0549831985	
151       881       1231       -0.00168708515       -0.006346524177       -0.06346524177       -0.04694278848       -0.04694278848       -0.04694278848       -0.04694278848       -0.04694278848       -0.04694278848       -0.04694278848       -0.04694278848       -0.05236507702       0.05236507702       0.05236507702       0.05236507702       0.05236507702       0.08899709712       0.08899709712       0.08899709712       0.08899709712       0.08899709712       0.03877852743       0.03877852743       0.03877852743       0.03877852743       0.03877852743       0.03877852743       0.03877852743       0.03877852743       0.03877852743       0.03877852743       0.04534631086       0.04534631086       0.04534631086       0.04534631086       0.04534631086       0.04534631086       0.04534631086       0.04534631086       0.04534631086       0.04534631086       0.04534631086       0.04534631086       0.04534631086       0.04534631086       0.0453463	149	863	1223	0.03242472686	0.03242472686	0.03242472686	
152       883       1237       -0.06346524177       -0.06346524177       -0.06346524177       -0.06346524177         153       887       1249       -0.04694278848       -0.04694278848       -0.04694278848         154       907       1259       0.05236507702       0.05236507702       0.05236507702         155       911       1277       0.08899709712       0.08899709712       0.08899709712         156       919       1279       0.03877852743       0.03877852743       0.03877852743         157       929       1283       0.04534631086       0.04534631086       0.04534631086         158       937       1289       0.0635510797       0.0635510797       0.0635510797         159       941       1291       -0.01764307409       -0.01764307409       -0.01764307409         160       947       1297       -0.01395405971       -0.01395405971       -0.01395405971         161       953       1301       -0.03195349913       -0.03195349913       -0.03195349913         162       967       1303       -0.03876014419       -0.03876014419       -0.03876014419         163       971       1307       -0.07405395523       -0.07405395523       -0.07405395523 <td< td=""><td>150</td><td>877</td><td>1229</td><td>0.08266518238</td><td>0.08266518238</td><td>0.08266518238</td><td></td></td<>	150	877	1229	0.08266518238	0.08266518238	0.08266518238	
153       887       1249       -0.04694278848       -0.04694278848       -0.04694278848       -0.04694278848         154       907       1259       0.05236507702       0.05236507702       0.05236507702         155       911       1277       0.08899709712       0.08899709712       0.08899709712         156       919       1279       0.03877852743       0.03877852743       0.03877852743         157       929       1283       0.04534631086       0.04534631086       0.04534631086         158       937       1289       0.0635510797       0.0635510797       0.0635510797         159       941       1291       -0.01764307409       -0.01764307409       -0.01764307409         160       947       1297       -0.01395405971       -0.01395405971       -0.01395405971         161       953       1301       -0.03195349913       -0.03195349913       -0.03195349913         162       967       1303       -0.03876014419       -0.03876014419       -0.03876014419         163       971       1309       -0.0279864431       -0.0279864431       -0.0279864431         165       983       1321       -0.07662919141       -0.07662919141       -0.07662919141	151	881	1231	-0.00168708515	-0.00168708515	-0.00168708515 <sup>°</sup>	
154       907       1259       0.05236507702       0.05236507702       0.05236507702         155       911       1277       0.08899709712       0.08899709712       0.08899709712         156       919       1279       0.03877852743       0.03877852743       0.03877852743         157       929       1283       0.04534631086       0.04534631086       0.04534631086         158       937       1289       0.0635510797       0.0635510797       0.0635510797         159       941       1291       -0.01764307409       -0.01764307409       -0.01764307409         160       947       1297       -0.01395405971       -0.01395405971       -0.01395405971         161       953       1301       -0.03195349913       -0.03195349913       -0.03195349913         162       967       1303       -0.03876014419       -0.03876014419       -0.03876014419         163       971       1307       -0.07405395523       -0.07405395523       -0.07405395523         164       977       1319       -0.0279864431       -0.0279864431       -0.0279864431         165       983       1321       -0.07662919141       -0.07662919141       -0.07662919141	152	883	1237	-0.06346524177	-0.06346524177	-0.06346524177	
155       911       1277       0.08899709712       0.08899709712       0.08899709712         156       919       1279       0.03877852743       0.03877852743       0.03877852743         157       929       1283       0.04534631086       0.04534631086       0.04534631086         158       937       1289       0.0635510797       0.0635510797       0.0635510797         159       941       1291       -0.01764307409       -0.01764307409       -0.01764307409         160       947       1297       -0.01395405971       -0.01395405971       -0.01395405971         161       953       1301       -0.03195349913       -0.03195349913       -0.03195349913         162       967       1303       -0.03876014419       -0.03876014419       -0.03876014419         163       971       1307       -0.07405395523       -0.07405395523       -0.07405395523         164       977       1319       -0.0279864431       -0.0279864431       -0.0279864431         165       983       1321       -0.07662919141       -0.07662919141       -0.07662919141	153	887	1249	-0.04694278848	-0.04694278848	-0.04694278848	
156       919       1279       0.03877852743       0.03877852743       0.03877852743         157       929       1283       0.04534631086       0.04534631086       0.04534631086         158       937       1289       0.0635510797       0.0635510797       0.0635510797         159       941       1291       -0.01764307409       -0.01764307409       -0.01764307409         160       947       1297       -0.01395405971       -0.01395405971       -0.01395405971         161       953       1301       -0.03195349913       -0.03195349913       -0.03195349913         162       967       1303       -0.03876014419       -0.03876014419       -0.03876014419         163       971       1307       -0.07405395523       -0.07405395523       -0.07405395523         164       977       1319       -0.0279864431       -0.0279864431       -0.0279864431         165       983       1321       -0.07662919141       -0.07662919141       -0.07662919141	154	907	1259	0.05236507702	0.05236507702	0.05236507702	
157       929       1283       0.04534631086       0.04534631086       0.04534631086         158       937       1289       0.0635510797       0.0635510797       0.0635510797         159       941       1291       -0.01764307409       -0.01764307409       -0.01764307409         160       947       1297       -0.01395405971       -0.01395405971       -0.01395405971         161       953       1301       -0.03195349913       -0.03195349913       -0.03195349913         162       967       1303       -0.03876014419       -0.03876014419       -0.03876014419         163       971       1307       -0.07405395523       -0.07405395523       -0.07405395523         164       977       1319       -0.0279864431       -0.0279864431       -0.0279864431         165       983       1321       -0.07662919141       -0.07662919141       -0.07662919141	155	911	1277	0.08899709712	0.08899709712	0.08899709712	
158       937       1289       0.0635510797       0.0635510797       0.0635510797         159       941       1291       -0.01764307409       -0.01764307409       -0.01764307409         160       947       1297       -0.01395405971       -0.01395405971       -0.01395405971         161       953       1301       -0.03195349913       -0.03195349913       -0.03195349913         162       967       1303       -0.03876014419       -0.03876014419       -0.03876014419         163       971       1307       -0.07405395523       -0.07405395523       -0.07405395523         164       977       1319       -0.0279864431       -0.0279864431       -0.0279864431         165       983       1321       -0.07662919141       -0.07662919141       -0.07662919141	156	919	1279	0.03877852743	0.03877852743	0.03877852743	
159       941       1291       -0.01764307409       -0.01764307409       -0.01764307409       -0.01764307409         160       947       1297       -0.01395405971       -0.01395405971       -0.01395405971       -0.01395405971         161       953       1301       -0.03195349913       -0.03195349913       -0.03195349913         162       967       1303       -0.03876014419       -0.03876014419       -0.03876014419         163       971       1307       -0.07405395523       -0.07405395523       -0.07405395523         164       977       1319       -0.0279864431       -0.0279864431       -0.0279864431         165       983       1321       -0.07662919141       -0.07662919141       -0.07662919141	157	929	1283	0.04534631086	0.04534631086	0.04534631086	
160       947       1297       -0.01395405971       -0.01395405971       -0.01395405971       -0.01395405971         161       953       1301       -0.03195349913       -0.03195349913       -0.03195349913         162       967       1303       -0.03876014419       -0.03876014419       -0.03876014419         163       971       1307       -0.07405395523       -0.07405395523       -0.07405395523         164       977       1319       -0.0279864431       -0.0279864431       -0.0279864431         165       983       1321       -0.07662919141       -0.07662919141       -0.07662919141	158	937	1289	0.0635510797	0.0635510797	0.0635510797	
161       953       1301       -0.03195349913       -0.03195349913       -0.03195349913         162       967       1303       -0.03876014419       -0.03876014419       -0.03876014419         163       971       1307       -0.07405395523       -0.07405395523       -0.07405395523         164       977       1319       -0.0279864431       -0.0279864431       -0.0279864431         165       983       1321       -0.07662919141       -0.07662919141       -0.07662919141	159	941	1291	-0.01764307409	-0.01764307409	-0.01764307409	
162       967       1303       -0.03876014419       -0.03876014419       -0.03876014419         163       971       1307       -0.07405395523       -0.07405395523       -0.07405395523         164       977       1319       -0.0279864431       -0.0279864431       -0.0279864431         165       983       1321       -0.07662919141       -0.07662919141       -0.07662919141	160	947	1297	-0.01395405971	-0.01395405971	-0.01395405971	
163       971       1307       -0.07405395523       -0.07405395523       -0.07405395523         164       977       1319       -0.0279864431       -0.0279864431       -0.0279864431         165       983       1321       -0.07662919141       -0.07662919141       -0.07662919141	161	953	1301	-0.03195349913	-0.03195349913	-0.03195349913	
164     977     1319     -0.0279864431     -0.0279864431     -0.0279864431       165     983     1321     -0.07662919141     -0.07662919141     -0.07662919141	162	967	1303	-0.03876014419	-0.03876014419	-0.03876014419	
165 983 1321 -0.07662919141 -0.07662919141 -0.07662919141	163	971	1307	-0.07405395523	-0.07405395523	-0.07405395523	
	164	977	1319	-0.0279864431	-0.0279864431	-0.0279864431	
166 991 1327 -0.05216433578 -0.05216433578 -0.05216433578	165	983	1321	-0.07662919141	-0.07662919141	-0.07662919141	
	166	991	1327	-0.05216433578	-0.05216433578	-0.05216433578	
167         997         1361         0.04374251675         0.04374251675         0.04374251675         0.04374251675	167	997	1361	0.04374251675	0.04374251675	0.04374251675	
168         1009         1367         0.08514966853         0.08514966853         0.08514966853	168	1009	1367	0.08514966853	0.08514966853	0.08514966853	
169 1013 1373 0.07213853467 0.07213853467 0.07213853467	169	1013	1373	0.07213853467	0.07213853467	0.07213853467	
170 1019 1381 0.09239653436 0.09239653436 0.09239653436	170	1019	1381	0.09239653436	0.09239653436	0.09239653436	

171	1021	1399	0.09581701649	0.09581701649	0.09581701649	
172	1031	1409	0.1477472618	0.1477472618	0.1477472618	
173	1033	1423	0.1364013905	0.1364013905	0.1364013905	
174	1039	1427	0.1138932105	0.1138932105	0.1138932105	
175	1049	1429	0.08324769413	0.08324769413	0.08324769413	
176	1051	1433	0.01124992355	0.01124992355	0.01124992355	
177	1061	1439	0.03769889322	0.03769889322	0.03769889322	
178	1063	1447	-0.002932807749	-0.002932807749	-0.002932807749	
179	1069	1451	-0.02463062216	-0.02463062216	-0.02463062216	
180	1087	1453	-0.02303637876	-0.02303637876	-0.02303637876	
181	1091	1459	-0.04040868301	-0.04040868301	-0.04040868301	
182	1093	1471	-0.06088127427	-0.06088127427	-0.06088127427	
183	1097	1481	-0.05688969172	-0.05688969172	-0.05688969172	
184	1103	1483	-0.1122650168	-0.1122650168	-0.1122650168	
185	1109	1487	-0.1321349705	-0.1321349705	-0.1321349705	
186	1117	1489	-0.1672737725	-0.1672737725	-0.1672737725	
187	1123	1493	-0.1830606619	-0.1830606619	-0.1830606619	

Phenomenon	Hypatian Predict	Observed Value				
Neutrinoθ23\thet	49.7°±1.3°49.7^	49.1°±1.4°49.1^	circ \pm 1.4^\circ	49.1°±1.4°		
Baryon asymmet	6.1×10−106.1 \tii	6.1×10−106.1 \tii	mes 10^{-10}6.1×	10-10		
					1.0-0.3+0.4×10-	22eV
	start_prime	end_prime	phi_correlation	silver_correlation	plastic_correlatio	n
0	2	233	0.2924529107	0.2924529107	0.2924529107	
1	3	239	0.2493424398	0.2493424398	0.2493424398	
2	5	241	0.1639611271	0.1639611271	0.1639611271	
3	7	251	0.1736762913	0.1736762913	0.1736762913	
4	11	257	0.1927412904	0.1927412904	0.1927412904	
5	13	263	0.1710382737	0.1710382737	0.1710382737	
6	17	269	0.1867535425	0.1867535425	0.1867535425	
7	19	271	0.09304133373	0.09304133373	0.09304133373	
8	23	277	0.10800096	0.10800096	0.10800096	
9	29	281	0.1236417243	0.1236417243	0.1236417243	
10	31	283	0.02992951555	0.02992951555	0.02992951555	
11	37	293	0.09928144026	0.09928144026	0.09928144026	
12	41	307	0.1567860395	0.1567860395	0.1567860395	
13	43	311	0.1052757444	0.1052757444	0.1052757444	
14	47	313	0.04998165531	0.04998165531	0.04998165531	
15	53	317	0.06143915352	0.06143915352	0.06143915352	
16	59	331	0.1401004375	0.1401004375	0.1401004375	
17	61	337	0.111336388	0.111336388	0.111336388	
18	67	347	0.1677170381	0.1677170381	0.1677170381	
19	71	349	0.1108305552	0.1108305552	0.1108305552	
20	73	353	0.05785471047	0.05785471047	0.05785471047	
21	79	359	0.08654772168	0.08654772168	0.08654772168	
22	83	367	0.1071164419	0.1071164419	0.1071164419	
23	89	373	0.1340681858	0.1340681858	0.1340681858	
24	97	379	0.1784085904	0.1784085904	0.1784085904	
25	101	383	0.1607041024	0.1607041024	0.1607041024	
26	103	389	0.1279640601	0.1279640601	0.1279640601	
27	107	397	0.1453347575	0.1453347575	0.1453347575	
28	109	401	0.08496510684	0.08496510684	0.08496510684	
29	113	409	0.09975668663	0.09975668663	0.09975668663	
30	127	419	0.2029588358	0.2029588358	0.2029588358	
31	131	421	0.135042264	0.135042264	0.135042264	
32	137	431	0.1848842591	0.1848842591	0.1848842591	
33	139	433	0.08245097903	0.08245097903	0.08245097903	
34	149	439	0.135676267	0.135676267	0.135676267	
35	151	443	0.07364808614	0.07364808614	0.07364808614	
36	157	449	0.09600209881	0.09600209881	0.09600209881	
37	163	457	0.1341479611	0.1341479611	0.1341479611	
38	167	461	0.108443389	0.108443389	0.108443389	

39	173	463	0.06582066904	0.06582066904	0.06582066904
40	179	467	0.0667752061	0.0667752061	0.0667752061
41	181	479	0.06617185851	0.06617185851	0.06617185851
42	191	487	0.1334162597	0.1334162597	0.1334162597
43	193	491	0.06879121392	0.06879121392	0.06879121392
44 44	197	499	0.0806860714	0.0806860714	0.0806860714
<del>44</del> 45	199	503	0.0000000714	0.01031221199	0.01031221199
46 46	211	509	0.07127553971	0.07127553971	0.07127553971
47	223	521	0.07127333971	0.1753482413	0.1753482413
47 48	227	523	0.1755462413	0.1755482415	0.1793482413
+0 19	229	541	0.1003973288	0.1160490759	0.1003973288
50 51	233 239	547 557	0.1067577002 0.1484180255	0.1067577002 0.1484180255	0.1067577002 0.1484180255
	-			0.1484180255	0.1484180255
52 53	241	563 569	0.09857498901		
53	251		0.141493761	0.141493761	0.141493761
54 55	257	571	0.08546992368	0.08546992368	0.08546992368
55 =e	263	577		0.09930960636	0.09930960636
56	269	587	0.1410492088	0.1410492088	0.1410492088
57	271	593	0.09099068364	0.09099068364	0.09099068364
58	277	599	0.1012312546	0.1012312546	0.1012312546
59	281	601	0.02171622284	0.02171622284	0.02171622284
30	283	607		-0.03294993412	
51	293	613		0.007697474162	
52	307	617	0.0478407561	0.0478407561	0.0478407561
3	311	619		-0.02998887585	
4	313	631		-0.04180387318	
5	317	641		-0.02519110132	
66	331	643		-0.02917145958	
§7	337	647		-0.03964169132	
68	347	653		0.006264263233	
69 	349	659		-0.04771848655	
70	353	661	-0.1243391133	-0.1243391133	-0.1243391133
71	359	673		-0.06662050645	
72	367	677		-0.06007405148	
73	373	683		-0.04546020493	
74	379	691		-0.01383816802	
75	383	701		0.005183864832	
76	389	709		0.03334002079	
77	397	719	0.09052185334	0.09052185334	0.09052185334
78	401	727	0.09296117457	0.09296117457	0.09296117457
79	409	733	0.1192207275	0.1192207275	0.1192207275
80	419	739	0.1608387198	0.1608387198	0.1608387198
81	421	743	0.08350778556	0.08350778556	0.08350778556
82	431	751	0.142816047	0.142816047	0.142816047

83	433	757	0.08659646904	0.08659646904	0.08659646904
84	439	761	0.06839943666	0.06839943666	0.06839943666
85	443	769	0.06843579706	0.06843579706	0.06843579706
36	449	773	0.04964316721	0.04964316721	0.04964316721
37 37	457	787	0.1254743333	0.1254743333	0.1254743333
37 38	461	797	0.1362009037	0.1362009037	0.1362009037
39	463	809	0.1153553405	0.1153553405	0.1153553405
90	467	811	0.02037216738	0.02037216738	0.02037216738
91	479	821	0.0955465701	0.0955465701	0.0955465701
92	487	823	0.04758454054	0.04758454054	0.04758454054
93	491	827	0.00425720644	0.00425720644	0.00425720644
93 94	499	829	-0.0364006418	-0.0364006418	-0.0364006418
95	503	839			-0.0304000418
	509	853	0.02930154611	0.02930154611	0.02930154611
96 97	521	857	0.02930154611	0.02930154611	0.02930154611
			-0.0676415012	-0.0676415012	-0.0676415012
98 99	523	859 863	-0.0676415012	-0.0076415012	-0.0676415012
	541 547	877	0.03681855375	0.03681855375	0.03681855375
100 101		881	0.03681855375	0.03681855375	
	557		0.000		0.05204686499
102	563	883			-0.000213783607
103	569	887	-0.0103847244	-0.0103847244	-0.0103847244
04	571	907			0.005893283756
05	577	911			-0.008269102598
106	587	919	0.04478482427	0.04478482427	0.04478482427
07	593	929	0.08094565754	0.08094565754	0.08094565754
08	599	937	0.1040512131	0.1040512131	0.1040512131
09	601	941	0.02903078238	0.02903078238	0.02903078238
10	607	947	0.03496147902	0.03496147902	0.03496147902
111	613	953	0.04089217567	0.04089217567	0.04089217567
112	617	967	0.06901235326	0.06901235326	0.06901235326
113	619	971	-0.0118921154	-0.0118921154	-0.0118921154
114	631	977	0.03011079132	0.03011079132	0.03011079132
115	641	983	0.06371664543	0.06371664543	0.06371664543
116	643	991		0.02021479128	0.02021479128
117	647	997			-0.00322735676
118	653	1009	0.03721111845	0.03721111845	0.03721111845
119	659	1013		0.01230069015	
120	661	1019			-0.05602443347
121	673	1021			-0.07983977452
122	677	1031			-0.07320393909
123	683	1033	-0.1335238174	-0.1335238174	-0.1335238174
124	691	1039	-0.1153509545	-0.1153509545	-0.1153509545
125	701	1049			-0.05422725527
126	709	1051	-0.09441485132	-0.09441485132	-0.09441485132

407	740	1001	0.0040550500	0.0040550500	0.0040550500
127	719	1061	-0.0318550536	-0.0318550536	-0.0318550536
28	727	1063		-0.06872421874	
29	733	1069		-0.06050148938	
30	739	1087		0.006381671854	
31	743	1091		-0.03090891081	
32	751	1093	-0.0653169875	-0.0653169875	-0.0653169875
33	757	1097	-0.07735174734	-0.07735174734	-0.07735174734
34	761	1103	-0.08971641924	-0.08971641924	-0.08971641924
35	769	1109	-0.06632083124	-0.06632083124	-0.06632083124
36	773	1117	-0.06410988479	-0.06410988479	-0.06410988479
37	787	1123	-0.01189766504	-0.01189766504	-0.01189766504
38	797	1129	0.0254169839	0.0254169839	0.0254169839
39	809	1151	0.1376007628	0.1376007628	0.1376007628
40	811	1153	0.03288204683	0.03288204683	0.03288204683
141	821	1163	0.09491084676	0.09491084676	0.09491084676
142	823	1171	0.06185409232	0.06185409232	0.06185409232
143	827	1181	0.07250165854	0.07250165854	0.07250165854
144	829	1187	0.01837784683	0.01837784683	0.01837784683
145	839	1193	0.04906469407	0.04906469407	0.04906469407
46	853	1201	0.1167676956	0.1167676956	0.1167676956
47	857	1213	0.1347560894	0.1347560894	0.1347560894
48	859	1217	0.0549831985	0.0549831985	0.0549831985
49	863	1223	0.03242472686	0.03242472686	0.03242472686
50	877	1229	0.08266518238	0.08266518238	0.08266518238
51	881	1231	-0.00168708515	-0.00168708515	-0.00168708515
52	883	1237		-0.06346524177	
53	887	1249		-0.04694278848	
54	907	1259			0.05236507702
55	911	1277			0.08899709712
56	919	1279			0.03877852743
57	929	1283	0.04534631086	0.04534631086	0.04534631086
158	937	1289	0.0635510797	0.0635510797	0.0635510797
159	941	1291		-0.01764307409	
160	947	1297		-0.01395405971	
161	953	1301		-0.03195349913	
162	967	1303		-0.03876014419	
163	971	1307		-0.07405395523	
164	977	1319	-0.07403393323	-0.0279864431	-0.07403393323
165	983	1321		-0.0279004431	
166	991	1327		-0.07002919141	
167	997	1361			0.04374251675
168	1009	1367	0.08514966853	0.08514966853	0.08514966853
169	1013	1373	0.07213853467	0.07213853467	0.07213853467
170	1019	1381	0.09239653436	0.09239653436	0.09239653436

171	1021	1399	0.09581701649	0.09581701649	0.09581701649
172	1031	1409	0.1477472618	0.1477472618	0.1477472618
173	1033	1423	0.1364013905	0.1364013905	0.1364013905
174	1039	1427	0.1138932105	0.1138932105	0.1138932105
175	1049	1429	0.08324769413	0.08324769413	0.08324769413
176	1051	1433	0.01124992355	0.01124992355	0.01124992355
177	1061	1439	0.03769889322	0.03769889322	0.03769889322
178	1063	1447	-0.002932807749	-0.00293280774	-0.002932807749
179	1069	1451	-0.02463062216	-0.02463062216	-0.02463062216
180	1087	1453	-0.02303637876	-0.02303637876	-0.02303637876
181	1091	1459	-0.04040868301	-0.04040868301	-0.04040868301
182	1093	1471	-0.06088127427	-0.06088127427	-0.06088127427
183	1097	1481	-0.05688969172	-0.05688969172	-0.05688969172
184	1103	1483	-0.1122650168	-0.1122650168	-0.1122650168
185	1109	1487	-0.1321349705	-0.1321349705	-0.1321349705
186	1117	1489	-0.1672737725	-0.1672737725	-0.1672737725
187	1123	1493	-0.1830606619	-0.1830606619	-0.1830606619

	start_prime	end_prime	phi_correlation	silver_correlation	plastic_correlation
0	2	233	0.2924529107	0.2924529107	0.2924529107
1	3	239	0.2493424398	0.2493424398	0.2493424398
2	5	241	0.1639611271	0.1639611271	0.1639611271
3	7	251	0.1736762913	0.1736762913	0.1736762913
4	11	257	0.1927412904	0.1927412904	0.1927412904
5	13	263	0.1710382737	0.1710382737	0.1710382737
6	17	269	0.1867535425	0.1867535425	0.1867535425
7	19	271	0.09304133373	0.09304133373	0.09304133373
8	23	277	0.10800096	0.10800096	0.10800096
9	29	281	0.1236417243	0.1236417243	0.1236417243
10	31	283	0.02992951555	0.02992951555	0.02992951555
11	37	293	0.09928144026	0.09928144026	0.09928144026
12	41	307	0.1567860395	0.1567860395	0.1567860395
13	43	311	0.1052757444	0.1052757444	0.1052757444
14	47	313	0.04998165531	0.04998165531	0.04998165531
15	53	317	0.06143915352	0.06143915352	0.06143915352
16	59	331	0.1401004375	0.1401004375	0.1401004375
17	61	337	0.111336388	0.111336388	0.111336388
18	67	347	0.1677170381	0.1677170381	0.1677170381
19	71	349	0.1108305552	0.1108305552	0.1108305552
20	73	353	0.05785471047	0.05785471047	0.05785471047
21	79	359	0.08654772168	0.08654772168	0.08654772168
22	83	367	0.1071164419	0.1071164419	0.1071164419
23	89	373	0.1340681858	0.1340681858	0.1340681858
24	97	379	0.1784085904	0.1784085904	0.1784085904
25	101	383	0.1607041024	0.1607041024	0.1607041024
26	103	389	0.1279640601	0.1279640601	0.1279640601
27	107	397	0.1453347575	0.1453347575	0.1453347575
28	109	401	0.08496510684	0.08496510684	0.08496510684
29	113	409	0.09975668663	0.09975668663	0.09975668663
30	127	419	0.2029588358	0.2029588358	0.2029588358
31	131	421	0.135042264	0.135042264	0.135042264
32	137	431	0.1848842591	0.1848842591	0.1848842591
33	139	433	0.08245097903	0.08245097903	0.08245097903
34	149	439	0.135676267	0.135676267	0.135676267
35	151	443	0.07364808614	0.07364808614	0.07364808614
36	157	449	0.09600209881	0.09600209881	0.09600209881
37	163	457	0.1341479611	0.1341479611	0.1341479611
38	167	461	0.108443389	0.108443389	0.108443389
39	173	463	0.06582066904	0.06582066904	0.06582066904
40	179	467	0.0667752061	0.0667752061	0.0667752061
41	181	479	0.06617185851	0.06617185851	0.06617185851
42	191	487	0.1334162597	0.1334162597	0.1334162597

87	457	787	0.1254743333	0.1254743333	0.1254743333	
88	461	797	0.1362009037	0.1362009037	0.1362009037	
89	463	809	0.1153553405	0.1153553405	0.1153553405	
90	467	811	0.02037216738	0.02037216738	0.02037216738	
91	479	821	0.0955465701	0.0955465701	0.0955465701	
92	487	823	0.04758454054	0.04758454054	0.04758454054	
93	491	827	0.00425720644	0.00425720644	0.00425720644	
94	499	829	-0.0364006418	-0.0364006418	-0.0364006418	
95	503	839	-0.02340439658	-0.02340439658	-0.02340439658	
96	509	853	0.02930154611	0.02930154611	0.02930154611	
97	521	857	0.0509219995	0.0509219995	0.0509219995	
98	523	859	-0.0676415012	-0.0676415012	-0.0676415012	
99	541	863	-0.0210842625	-0.0210842625	-0.0210842625	
100	547	877	0.03681855375	0.03681855375	0.03681855375	
101	557	881	0.05204686499	0.05204686499	0.05204686499	
102	563	883	-0.00021378360	-0.00021378360	-0.000213783607	
103	569	887	-0.0103847244	-0.0103847244	-0.0103847244	
104	571	907	0.005893283756	0.005893283756	0.005893283756	
105	577	911	-0.008269102598	-0.008269102598	-0.008269102598	
106	587	919	0.04478482427	0.04478482427	0.04478482427	
107	593	929	0.08094565754	0.08094565754	0.08094565754	
108	599	937	0.1040512131	0.1040512131	0.1040512131	
109	601	941	0.02903078238	0.02903078238	0.02903078238	
110	607	947	0.03496147902	0.03496147902	0.03496147902	
111	613	953	0.04089217567	0.04089217567	0.04089217567	
112	617	967	0.06901235326	0.06901235326	0.06901235326	
113	619	971	-0.0118921154	-0.0118921154	-0.0118921154	
114	631	977	0.03011079132	0.03011079132	0.03011079132	
115	641	983	0.06371664543	0.06371664543	0.06371664543	
116	643	991	0.02021479128	0.02021479128	0.02021479128	
117	647	997	-0.00322735676	-0.00322735676	-0.00322735676	
118	653	1009	0.03721111845	0.03721111845	0.03721111845	
119	659	1013	0.01230069015	0.01230069015	0.01230069015	
120	661	1019	-0.05602443347	-0.05602443347	-0.05602443347	
121	673	1021	-0.07983977452	-0.07983977452	-0.07983977452	
122	677	1031	-0.07320393909	-0.07320393909	-0.07320393909	
123	683	1033	-0.1335238174	-0.1335238174	-0.1335238174	
124	691	1039	-0.1153509545	-0.1153509545	-0.1153509545	
125	701	1049	-0.05422725527	-0.05422725527	-0.05422725527	
126	709	1051	-0.09441485132	-0.09441485132	-0.09441485132	
127	719	1061	-0.0318550536	-0.0318550536	-0.0318550536	
128	727	1063	-0.06872421874	-0.06872421874	-0.06872421874	
129	733	1069	-0.06050148938	-0.06050148938	-0.06050148938	
130	739	1087	0.006381671854	0.006381671854	0.006381671854	

131	743			-0.03090891081		
132	751	1093	-0.0653169875	-0.0653169875	-0.0653169875	
133	757			-0.07735174734		
134	761			-0.08971641924		
135	769	1109	-0.06632083124	-0.06632083124	-0.06632083124	
136	773	1117	-0.06410988479	-0.06410988479	-0.06410988479	
137	787	1123	-0.01189766504	-0.01189766504	-0.01189766504	
138	797	1129	0.0254169839	0.0254169839	0.0254169839	
139	809	1151	0.1376007628	0.1376007628	0.1376007628	
140	811	1153	0.03288204683	0.03288204683	0.03288204683	
141	821	1163	0.09491084676	0.09491084676	0.09491084676	
142	823	1171	0.06185409232	0.06185409232	0.06185409232	
143	827	1181	0.07250165854	0.07250165854	0.07250165854	
144	829	1187	0.01837784683	0.01837784683	0.01837784683	
145	839	1193	0.04906469407	0.04906469407	0.04906469407	
146	853	1201	0.1167676956	0.1167676956	0.1167676956	
147	857	1213	0.1347560894	0.1347560894	0.1347560894	
148	859	1217	0.0549831985	0.0549831985	0.0549831985	
149	863	1223	0.03242472686	0.03242472686	0.03242472686	
150	877	1229	0.08266518238	0.08266518238	0.08266518238	
151	881	1231	-0.00168708515	-0.00168708515	-0.00168708515 <sup>°</sup>	
152	883	1237	-0.06346524177	-0.06346524177	-0.06346524177	
153	887	1249	-0.04694278848	-0.04694278848	-0.04694278848	
154	907	1259	0.05236507702	0.05236507702	0.05236507702	
155	911	1277	0.08899709712	0.08899709712	0.08899709712	
156	919	1279	0.03877852743	0.03877852743	0.03877852743	
157	929	1283	0.04534631086	0.04534631086	0.04534631086	
158	937	1289	0.0635510797	0.0635510797	0.0635510797	
159	941	1291	-0.01764307409	-0.01764307409	-0.01764307409	
160	947	1297	-0.01395405971	-0.01395405971	-0.01395405971	
161	953	1301	-0.03195349913	-0.03195349913	-0.03195349913	
162	967	1303	-0.03876014419	-0.03876014419	-0.03876014419	
163	971	1307	-0.07405395523	-0.07405395523	-0.07405395523	
164	977	1319	-0.0279864431	-0.0279864431	-0.0279864431	
165	983	1321	-0.07662919141	-0.07662919141	-0.07662919141	
166	991	1327	-0.05216433578	-0.05216433578	-0.05216433578	
167	997	1361	0.04374251675	0.04374251675	0.04374251675	
168	1009	1367	0.08514966853	0.08514966853	0.08514966853	
169	1013	1373	0.07213853467	0.07213853467	0.07213853467	
170	1019	1381	0.09239653436	0.09239653436	0.09239653436	
171	1021	1399	0.09581701649	0.09581701649	0.09581701649	
172	1031	1409	0.1477472618	0.1477472618	0.1477472618	
173	1033	1423	0.1364013905	0.1364013905	0.1364013905	
174	1039	1427	0.1138932105	0.1138932105	0.1138932105	

175	1049	1429	0.08324769413	0.08324769413	0.08324769413	
176	1051	1433	0.01124992355	0.01124992355	0.01124992355	
177	1061	1439	0.03769889322	0.03769889322	0.03769889322	
178	1063	1447	-0.002932807749	-0.002932807749	-0.002932807749	
179	1069	1451	-0.02463062216	-0.02463062216	-0.02463062216	
180	1087	1453	-0.02303637876	-0.02303637876	-0.02303637876	
181	1091	1459	-0.04040868301	-0.04040868301	-0.04040868301	
182	1093	1471	-0.06088127427	-0.06088127427	-0.06088127427	
183	1097	1481	-0.05688969172	-0.05688969172	-0.05688969172	
184	1103	1483	-0.1122650168	-0.1122650168	-0.1122650168	
185	1109	1487	-0.1321349705	-0.1321349705	-0.1321349705	
186	1117	1489	-0.1672737725	-0.1672737725	-0.1672737725	
187	1123	1493	-0.1830606619	-0.1830606619	-0.1830606619	

Dimensional Mod	Energy Decay Mo	Feedback Modul	Detectability
0.5	0.5	0.8	18.18207277
0.5	0.5	0.975	17.79415972
0.5	0.5	1.15	19.02074359
0.5	0.5	1.325	18.38837647
0.5	0.5	1.5	19.40618167
0.5	0.75	0.8	18.67284588
0.5	0.75	0.975	18.04852272
0.5	0.75	1.15	19.09764031
0.5	0.75	1.325	18.2927528
0.5	0.75	1.5	19.34200388
0.5	1	0.8	19.16617897
0.5	1	0.975	18.4172351
0.5	1	1.15	19.3610789
0.5	1	1.325	18.45548291
0.5	1	1.5	19.44105171
0.5	1.25	0.8	19.52225755
0.5	1.25	0.975	18.73870917
0.5	1.25	1.15	19.60180434
0.5	1.25	1.325	18.63771239
0.5	1.25	1.5	19.55758987
0.5	1.5	0.8	19.78338551
0.5	1.5	0.975	18.9659303
0.5	1.5	1.15	19.78843909
0.5	1.5	1.325	18.8047712
0.5	1.5	1.5	19.67862828
0.75	0.5	0.8	27.27310915
0.75	0.5	0.975	26.69123959
0.75	0.5	1.15	28.53111538
0.75	0.5	1.325	27.58256471
0.75	0.5	1.5	29.1092725
0.75	0.75	0.8	28.00926883
0.75	0.75	0.975	27.07278408
0.75	0.75	1.15	28.64646047
0.75	0.75	1.325	27.43912919
0.75	0.75	1.5	29.01300582
0.75	1	0.8	28.74926845
0.75	1	0.975	27.62585265
0.75	1	1.15	29.04161834
0.75	1	1.325	27.68322437
0.75	1	1.5	29.16157757
0.75	1.25	8.0	29.28338632
0.75	1.25	0.975	28.10806375

0.75	1 25	1 15	20 40270652
0.75	1.25	1.15	29.40270652
0.75	1.25	1.325	27.95656859
0.75	1.25	1.5	29.33638481
0.75	1.5	0.8	29.67507826
0.75	1.5	0.975	28.44889545
0.75	1.5	1.15	29.68265864
0.75	1.5	1.325	28.2071568
0.75	1.5	1.5	29.51794242
1	0.5	0.8	36.36414554
1	0.5	0.975	35.58831945
1	0.5	1.15	38.04148718
1	0.5	1.325	36.77675294
1	0.5	1.5	38.81236334
1	0.75	8.0	37.34569177
1	0.75	0.975	36.09704544
1	0.75	1.15	38.19528062
1	0.75	1.325	36.58550559
1	0.75	1.5	38.68400776
1	1	0.8	38.33235794
1	1	0.975	36.83447021
1	1	1.15	38.72215779
1	1	1.325	36.91096583
1	1	1.5	38.88210343
1	1.25	0.8	39.04451509
1	1.25	0.975	37.47741833
1	1.25	1.15	39.20360869
1	1.25	1.325	37.27542479
1	1.25	1.5	39.11517974
1	1.5	0.8	39.56677101
1	1.5	0.975	37.9318606
1	1.5	1.15	39.57687819
1	1.5	1.325	37.6095424
1	1.5	1.5	39.35725656
1.25	0.5	0.8	45.45518192
1.25	0.5	0.975	44.48539931
1.25	0.5	1.15	47.55185897
1.25	0.5	1.325	45.97094118
1.25	0.5	1.5	48.51545417
1.25	0.75	0.8	46.68211471
1.25	0.75	0.975	45.1213068
1.25	0.75	1.15	47.74410078
1.25	0.75	1.325	45.73188199
1.25	0.75	1.5	48.3550097
1.20	0.10	1.0	10.000001

4.05	4	0.0	47.04544740
1.25	1	0.8	47.91544742
1.25	1	0.975	46.04308776
1.25	1	1.15	48.40269724
1.25	1	1.325	46.13870729
1.25	1	1.5	48.60262928
1.25	1.25	8.0	48.80564387
1.25	1.25	0.975	46.84677292
1.25	1.25	1.15	49.00451086
1.25	1.25	1.325	46.59428098
1.25	1.25	1.5	48.89397468
1.25	1.5	8.0	49.45846377
1.25	1.5	0.975	47.41482574
1.25	1.5	1.15	49.47109774
1.25	1.5	1.325	47.01192801
1.25	1.5	1.5	49.19657071
1.5	0.5	0.8	54.54621831
1.5	0.5	0.975	53.38247917
1.5	0.5	1.15	57.06223077
1.5	0.5	1.325	55.16512941
1.5	0.5	1.5	58.21854501
1.5	0.75	0.8	56.01853765
1.5	0.75	0.975	54.14556816
1.5	0.75	1.15	57.29292094
1.5	0.75	1.325	54.87825839
1.5	0.75	1.5	58.02601164
1.5	1	0.8	57.49853691
1.5	1	0.975	55.25170531
1.5	1	1.15	58.08323669
1.5	1	1.325	55.36644874
1.5	1	1.5	58.32315514
1.5	1.25	0.8	58.56677264
1.5	1.25	0.975	56.2161275
1.5	1.25	1.15	58.80541303
1.5	1.25	1.325	55.91313718
1.5	1.25	1.5	58.67276961
1.5	1.5	0.8	59.35015652
1.5	1.5	0.975	56.89779089
1.5	1.5	1.15	59.36531728
1.5	1.5	1.325	56.41431361
1.5	1.5	1.5	59.03588485
1.0	1.0	1.0	00.00000

nension			Energy_Density					
1	2.334280576	8.321203285	0.2805219986					
1.1	2.180777139	9.246502059	0.2358488783					
1.2	2.052108435	10.24824846	0.2002399184					
1.3	1.94258888	11.32714058	0.1714986113					
1.4		12.48391231	0.1480427574					
1.5		13.71933517						
1.6		15.03422022	0.1126319794					
						Calumn 1	Calumn 2	Calumn 2
1.7			0.09915096213			Column 1	Column 2	Column 3
1.8			0.08776216041			Peak_Frequency	_and_Amplitude_	_Analysis
1.9		19.46439595	0.0780739142					
2	1.472767069	21.10610484	0.06977919801				Frequency	Amplitude
2.1	1.430083949	22.83199936	0.06263507312			1	604.48	3920
2.2	1.391049197	24.64317435	0.0564476466					
2.3	1.355196876	26.54078078	0.05106092724					
2.4	1.322137999	28.52602862	0.04634847761					
2.5			0.04220709761					
2.6			0.03855200079					
2.7								
			0.03531309876					
2.8			0.03243211599					
2.9			0.02986033269					
3			0.02755680615					
3.1	1.146715051	44.99222551	0.02548695999					
3.2	1.127459722	47.73031905	0.0236214579					
3.3	1.109271449	50.57015357	0.0219352992					
3.4			0.02040708825					
3.5			0.01901844119					
3.6			0.01775350164					
3.7			0.01659854335					
3.8			0.01554164273					
3.9			0.01457240772					
4	1.005319924	73.47888681	0.01368175224					
4.1	0.9931007488	77.21375356	0.01286170796					
4.2	0.981403897	81.07247381	0.01210526645					
4.3	0.970194509	85.05817624	0.01140624631					
4.4			0.01075918104					
4.5			0.01015922391					
4.6			0.009602067081					
4.7			0.009083872653					
4.8			0.008601213578					
4.9		111.8355045	0.008151022972					
5	0.9030229938	116.8122499	0.007730550475					
5.1	0.8947685933	121.9475281	0.007337324564					
5.2	0.8867943481	127.2462459	0.006969119931					
5.3	0.8790852312	132.7135615	0.006623929171					
5.4			0.006299938144					
	0.8644075854		0.005995504481					
	0.8574140339		0.005709138797					
	0.8506354018		0.00543948822					
	0.8440611998		0.005185321933					
5.9	0.8376816277	169.3819641	0.004945518444					
6	0.831487518	176.1979108	0.004719054354					
6.1	0.825470285	183.2344736	0.004504994442					
6.2	0.8196218791		0.004302482876					
	0.8139347447		0.004110735418					
	0.8084017826		0.003929032496					
	0.8030163157		0.003929032490					
	0.7977720574		0.003593168964					
	0.7926630835		0.003437840279					
	0.7876838057		0.003290210663					
6.9	0.7828289482	248.5326273	0.003149803536					
7	0.7780935254	257.9733006	0.00301617851					
7.1	0.7734728225	267.7369481	0.002888928211					
	0.7689623766		0.002767675408					
	0.7645579604		0.00265207043					
	0.7602555659		0.002541788829					
	0.7560513911		0.002436529269					
	0.7519418259		0.002336011615					
7.7	0.7479234404	333.8980906	0.002239975194					
7.0	0.7439929736	346.3368682	0.002148177228					

7.9	0.7401473228	359.2265644	0.002060391397				
8	0.7363835343	372.5870769	0.001976406537				
8.1	0.7326987942	386.4393234	0.001896025456				
8.2	0.7290904199	400.8052943	0.001819063846				
8.3	0.7255558529	415.7081072	0.001745349297				
8.4	0.7220926512	431.1720653	0.001674720394				
8.5	0.7186984828	447.2227176	0.001607025883				
8.6	0.7153711196	463.8869231	0.001542123918				
8.7	0.7121084313	481.1929179	0.001479881363				
8.8	0.7089083802	499.1703857	0.001420173152				
8.9	0.7057690161	517.8505323	0.001362881704				
9	0.7026884717	537.2661633	0.001307896383				
9.1	0.6996649579	557.4517664	0.001255112998				
9.2	0.6966967599	578.4435974	0.00120443335				
9.3	0.6937822333	600.279771	0.001155764806				
9.4	0.6909198003	623.0003561	0.001109019912				
9.5	0.6881079466	646.6474761	0.001064116032				
9.6	0.685345218	671.265414	0.001020975018				
9.7	0.6826302172	696.9007231	0.000979522899				
9.8	0.6799616014	723.6023438	0.000939689606				
9.9	0.6773380795	751.4217255	0.000901408698				

Recursion Level	Time Interval (s)
-10	0.008132326887
-9	0.0131581049
-8	0.02128981373
-7	0.03444691862
-6	0.05573511433
_	
-5	0.09017941499
-4	0.1459102934
-3	0.2360828548
-2	0.3819820591
-1	0.6180469716
0	1
1	1.618
2	2.617924
3	4.235801032
4	6.85352607
5	11.08900518
6	17.94201038
7	29.0301728
8	46.97081959
9	75.9987861
10	122.9660359

Mass (kg)	Separation (m)	Scaled Frequencies (Hz)																
1.40E+30	1000000000	[0.029776001004967693, 0.009	477995490899704,	0.0030169396659	87657, 0.00096	03217216946983	3, 0.00030567989	793246135, 9.730	0093351955453e-	05, 3.0971849074	185986e-05, 9.85	86457537056856	-06, 3.13810440	7788368e-06, 9.9	88896568759672	e-07, 3.17956452	99035486e-07]	
1.40E+30	5000000000	[0.002663246493808393, 0.000	847737688323529	, 0.000269843287	8397234, 8.589	37859991592e-0	5, 2.73408412452	28724e-05, 8.7028	860064956471e-0	6, 2.77020639674	197517e-06, 8.81	7840828550224e	07, 2.806805910	522604e-07, 8.93	34340699184412e	-08, 2.843888971	0845993e-08]	
1.40E+30	10000000000	[0.0009415998278716055, 0.00	0029972053404048	6, 9.54040090773	7257e-05, 3.036	80392708958e-05	5, 9.66644712394	3729e-06, 3.0769	25683824159e-0	3, 9.79415864214	0504e-07, 3.1175	77522645734e-0	7, 9.92355746402	5077e-08, 3.158	766446912129e-0	8, 1.0054665881	977767e-08]	
2.80E+30	1000000000	[0.04210962445446022, 0.0134	039097673414, 0.0	042665969924602	12, 0.001358100	0030621234, 0.0	00432296657400	9102, 0.00013760	42998149169, 4.	380080901248640	04e-05, 1.394223	0531522502e-05,	4.437949813637	099e-06, 1.4126	433000682001e-0	6, 4.49658328063	300325e-07]	
2.80E+30	5000000000	[0.003766399311486422, 0.001	1988821361619505	, 0.0003816160363	094903, 0.0001	21472157083583	2, 3.86657884957	774915e-05, 1.23I	07702735296636	-05, 3.917663456	8562014e-06, 1.	24703100905829	37e-06, 3.969422	985610031e-07,	1.2635065787648	515e-07, 4.02186	6352791107e-08	]
2.80E+30	10000000000	[0.0013316232469041964, 0.00	042386884416176	57, 0.0001349216	1354198617, 4.2	94689299957966	-05, 1.367042062	2264362e-05, 4.35	514300324782366	-06, 1.385103198	3748759e-06, 4.4	40892041427511	e-07, 1.4034029	55261302e-07, 4	46717034959220	6e-08, 1.4219444	855422996e-08]	

α (alpha)	β (beta)	F_crit	Mean Modulation	Std Dev Modulat	Max Modulation	Min Modulation
0.5	1	0.3	0.2138640643	0.04226198386	0.300140282	0.1338195238
0.5	1	0.5	0.1904909724	0.04075768523	0.2757377691	0.1151485607
0.5	1	0.7	0.1681435317	0.03862678064	0.2508292797	0.09838273224
0.5	2	0.3	0.1843087167	0.07595861574	0.3464027845	0.05890841795
0.5	2	0.5	0.1444943213	0.06778604143	0.3009356749	0.04108324254
0.5	2	0.7	0.109885357	0.05732956403	0.2516585411	0.02830568359
0.5	3	0.3	0.1629907852	0.1001145861	0.3860232204	0.02326739385
0.5	3	0.5	0.1135887666	0.08275275068	0.3250982191	0.01304327245
0.5	3	0.7	0.07460301726	0.06207943447	0.252487766	0.007243555949
1	1	0.3	0.4277281285	0.08452396772	0.600280564	0.2676390476
1	1	0.5	0.3809819448	0.08151537046	0.5514755383	0.2302971213
1	1	0.7	0.3362870635	0.07725356129	0.5016585593	0.1967654645
1	2	0.3	0.3686174334	0.1519172315	0.6928055691	0.1178168359
1	2	0.5	0.2889886427	0.1355720829	0.6018713498	0.08216648508
1	2	0.7	0.2197707139	0.1146591281	0.5033170821	0.05661136718
1	3	0.3	0.3259815703	0.2002291723	0.7720464409	0.0465347877
1	3	0.5	0.2271775332	0.1655055014	0.6501964381	0.02608654489
1	3	0.7	0.1492060345	0.1241588689	0.5049755319	0.0144871119
2	1	0.3	0.855456257	0.1690479354	1.200561128	0.5352780951
2	1	0.5	0.7619638895	0.1630307409	1.102951077	0.4605942426
2	1	0.7	0.672574127	0.1545071226	1.003317119	0.393530929
2	2	0.3	0.7372348667	0.3038344629	1.385611138	0.2356336718
2	2	0.5	0.5779772853	0.2711441657	1.2037427	0.1643329702
2	2	0.7	0.4395414278	0.2293182561	1.006634164	0.1132227344
2	3	0.3	0.6519631406	0.4004583446	1.544092882	0.09306957541
2	3	0.5	0.4543550664	0.3310110027	1.300392876	0.05217308978
2	3	0.7	0.2984120691	0.2483177379	1.009951064	0.0289742238

	prime1	prime2	gap	phi_ratio	silver_ratio	plastic_ratio	phi_residual	silver_residual	plastic_residual
		2 3			0.6977439176		0.03307148803	1.716469645	0.9753534273
		3 5			0.812853229	0.9468722847	0.153060468	1.601360333	0.87730484
		5 7			0.7812354124	0.8802765221	0.4089720336	1.63297815	0.9439006026
		7 11		1.232274406	0.8481268584	0.9414442171	0.3857595829	1.566086704	0.8827329076
		1 13			0.782171108	0.8552612879	0.5483670243	1.632042454	0.9689158368
	6 1	3 17 7 19			0.8220974615 0.7926692883	0.8948652019 0.8573516233	0.5134455742 0.5787762197	1.592116101 1.621544274	0.9293119228 0.9668255014
		9 23		1.039257769	0.7920092003	0.884341871	0.5531471841	1.594650617	0.9398352537
		3 29		1.073928254	0.8382889344	0.9011601224	0.5441057344	1.575924628	0.9230170023
	9 2				0.8082500349	0.8653275181	0.5982283709	1.605963527	0.9588496066
	0 3				0.836759216	0.8948733405	0.5665105853	1.577454346	0.9293037842
	1 3			1.028428825	0.8266542959	0.8816549645	0.5896051636	1.587559266	0.9425221602
	2 4				0.8185515998	0.8717174289	0.6052085883	1.595661963	0.9524596958
		3 47		1.023648698	0.8293131888	0.8825898973	0.5943852907	1.584900374	0.9415872274
	4 4		6		0.8391153194	0.8919445529	0.5868288703	1.575098243	0.9322325718
	5 5	3 59	6	1.027012001	0.8404407607	0.8919628111	0.5910219874	1.573772802	0.9322143136
	6 5	9 61	2	1.008175626	0.8289872189	0.8786422195	0.609858363	1.585226343	0.9455349052
	7 6	1 67	6	1.022822095	0.8422444321	0.8923366019	0.5952118934	1.57196913	0.9318405228
	8 6	7 71	4	1.013791081	0.8381093962	0.8869825431	0.6042429075	1.576104166	0.9371945816
	9 7	1 73	2	1.006516925	0.8340619846	0.8821192514	0.611517064	1.580151578	0.9420578733
2	10 7	3 79	6	1.018410245	0.8448547795	0.8932574581	0.5996237433	1.569358783	0.9309196666
2	.1 7	9 83	4	1.011304118	0.8415522521	0.8889995555	0.6067298705	1.57266131	0.9351775692
- 2	22 8	3 89	6	1.015795039	0.8468782968	0.8941560856	0.6022389493	1.567335266	0.9300210391
		9 97		1.019176115	0.8518999062	0.8988058684	0.5988578734	1.562313656	0.9253712563
	24 9			1.008833244	0.8458667496	0.8916659983	0.6092007447	1.568346813	0.9325111264
	25 10				0.8432154935	0.8885175025	0.6137852435	1.570998069	0.9356596222
	26 10				0.8471250798	0.8924666883	0.6098134765	1.567088483	0.9317104364
	27 10				0.8446483448	0.8895307915	0.6140708545	1.569565218	0.9346463332
	28 10			1.007682214	0.8483086486	0.8932278645	0.6103517752	1.565904914	0.9309492602
	19 11			1.024706936	0.8636821458	0.9091060901	0.5933270529	1.550531417	0.9150710346
	12 13 13			1.006401536	0.8514794622	0.8953010717	0.611632453	1.5627341	0.928876053
				1.009186008	0.8546721655	0.8984090137	0.6088479805	1.559541397	0.925768111
	12 13 13 13			1.002945745 1.014078983	0.8505727278 0.8603984696	0.8937467292 0.9039568717	0.6150882441 0.6039550061	1.563640835 1.553815093	0.9304303955 0.920220253
	14 14				0.8525075829	0.895131567	0.6153693856	1.561705979	0.920220233
	55 15			1.002004003	0.8571864529	0.8999426629	0.6102676353	1.557027109	0.9242344618
	6 15				0.8578775203	0.9003734737	0.6106165496	1.556336042	0.923803651
	7 16				0.8565502564	0.8987010324	0.6132745069	1.557663306	0.9254760923
	16				0.8589724968	0.9010632868	0.6111371883	1.555241066	0.9231138379
;	9 17			1.006616007	0.8595979478	0.9014610116	0.6114179821	1.554615615	0.9227161131
4	.0 17	9 181	2	1.00214197	0.8565996268	0.8980709578	0.6158920186	1.557613936	0.9261061669
4	1 18	1 191	10	1.010344605	0.8638791444	0.9056227771	0.6076893841	1.550334418	0.9185543476
4	2 19	1 193	2	1.001983286	0.8580034319	0.8990822446	0.6160507027	1.55621013	0.9250948801
4	3 19	3 197	4	1.003897919	0.8598875144	0.9009833972	0.6141360698	1.554326048	0.9231937275
4	4 19	7 199	2	1.001911926	0.8586646827	0.8995590619	0.6161220625	1.55554888	0.9246180628
4	5 19	9 211	12	1.011061768	0.8667428126	0.9079511786	0.606972221	1.54747075	0.9162259461
	6 21			1.010335408	0.8674748532	0.9083123573	0.6076985806	1.546738709	0.9158647674
	7 22				0.8626716845	0.9029091966	0.6147460876	1.551541878	0.9212679281
	.8 22				0.8616306971	0.9017010883	0.6164170179	1.552582865	
	.9 22				0.8631759212		0.61484714		0.9209173002
	50 23			1.004664267	0.8648305759	0.9048764098	0.6133697218	1.549382986	
	51 23				0.8626828297	0.9024621001	0.6165123167		
	24			1.007412491	0.8679398268	0.9079067022	0.6106214982	1.546273736	
	3 25				0.8661192967	0.9057376764	0.6137586568	1.548094266	
	54 25				0.8665263421	0.9060110939	0.6138751077		
	55 26				0.8669229776	0.9062781271	0.6139857612		
	66 26 67 27			1.001324008 1.003909001	0.8650471465 0.8674364297	0.9041741689 0.9066246704	0.616709981 0.6141249882	1.549166416 1.546777133	
	is 27				0.866720323	0.9057384703	0.6154847145		
	i9 28		-		0.8659021781	0.9057384703	0.6167761345		
	60 28			1.001257654	0.8702817279	0.9047939223	0.6118828882	1.543931834	0.9193632024
	1 29			1.008217204	0.8702817279	0.9117294645	0.6098167845	1.541424196	0.9124476602
	23	5 307	14	1.000217204	0.072700000	0.0117204040	0.0000107040	1.511727190	0.0127710002

			_						
63	311	313	2	1.001116814	0.8678536012	0.9062094243	0.6169171752	1.546359961	0.9179677004
64	313	317	4	1.002209909	0.868930224	0.9072948454	0.6158240802	1.545283338	0.9168822793
65	317	331	14	1.007504313	0.8737767728	0.91227835	0.6105296757	1.54043679	0.9118987747
66	331	337	6	1.003096206	0.8708146824	0.908926767	0.6149377825	1.54339888	0.9152503577
67	337	347	10	1.005024301	0.8728438012	0.910937818	0.6130096876	1.541369761	0.9132393067
68	347	349	2	1.000982531	0.8699055585	0.9076992296	0.6170514579	1.544308004	0.9164778951
69	349	353	4	1.00194637	0.8708551192	0.908656365	0.616087619	1.543358443	0.9155207597
70	353	359	6	1.002872995	0.8718821067	0.9096612454	0.6151609941	1.542331456	0.9145158793
71	359	367	8	1.003746091	0.8729678125	0.9106956779	0.614287898	1.54124575	0.9134814468
72	367	373	6	1.002746076	0.8725223602	0.9101032435	0.6152879129	1.541691202	0.9140738812
73	373	379	6	1.002694853	0.8727881954	0.9102870676	0.6153391354	1.541425367	0.9138900571
74 75	379	383	4	1.001768205 1.00261336	0.8722853316	0.9096711343	0.6162657833	1.541928231	0.9145059904
76	383 389	389 397	6 8	1.00261336	0.8732204666 0.8742114579	0.9105863524 0.9115311713	0.6154206291 0.6146204453	1.540993096 1.540002104	0.9135907723 0.9126459534
77	397	401	4	1.003413343	0.8730795176	0.91102356889	0.6163586456	1.541134045	0.9139414358
78	401	401	8	1.001675343	0.8746795819	0.9102356669	0.6147383838	1.53953398	0.9139414336
79	401	419	10	1.003293003	0.8756770427	0.9110472038	0.6140172099	1.53853652	0.9114011345
80	419	421	2	1.004010779	0.8733081809	0.9121739902	0.6172453144	1.540905381	0.9140049736
81	421	431	10	1.000788074	0.8760979874	0.9101721311	0.6141490503	1.538115575	0.9111239108
82	431	433	2	1.000064930	0.8738040646	0.9105327515	0.6172707914	1.540409498	0.9136443732
83	433	439	6	1.000765197	0.8752016671	0.9103327313	0.6157671003	1.539011895	0.912213552
84	439	443	4	1.001490732	0.8747747439	0.9114430833	0.6165432569	1.539438818	0.9127340414
85	443	449	6	1.002207756	0.8755659473	0.9122177266	0.6158262323	1.538647615	0.9119593981
86	449	457	8	1.002891835	0.876407544	0.9130209778	0.6151421536	1.537806018	0.9111561469
87	457	461	4	1.001422874	0.8754422155	0.9119192882	0.6166111149	1.538771347	0.9122578365
88	461	463	2	1.00070581	0.8749717564	0.9113820495	0.6173281792	1.539241806	0.9127950752
89	463	467	4	1.001401529	0.8756576621	0.9120730897	0.6166324596	1.5385559	0.912104035
90	467	479	12	1.004127885	0.87819601	0.9146704383	0.6139061038	1.536017552	0.9095066864
91	479	487	8	1.002683786	0.8773853729	0.9136896239	0.6153502024	1.53682819	0.9104875008
92	487	491	4	1.001321858	0.8764867992	0.9126653915	0.616712131	1.537726763	0.9115117332
93	491	499	8	1.002608265	0.8777572899	0.9139447246	0.6154257238	1.536456272	0.9102324001
94	499	503	4	1.001285141	0.8768829977	0.9129486379	0.6167488478	1.537330565	0.9112284868
95	503	509	6	1.001906225	0.8775668575	0.9136183806	0.6161277634	1.536646705	0.9105587441
96	509	521	12	1.003738824	0.8793796626	0.915442971	0.6142951649	1.5348339	0.9087341537
97	521	523	2	1.000612464	0.8770454023	0.9128907526	0.6174215247	1.53716816	0.9112863721
98	523	541	18	1.005405763	0.8813133865	0.9173130562	0.6126282256	1.532900176	0.9068640685
99	541	547	6	1.001752549	0.8786941895	0.914410713	0.6162814401	1.535519373	0.9097664117
100	547	557	10	1.002873596	0.8798666175	0.9155736747	0.615160393	1.534346945	0.90860345
101	557	563	6	1.001694627	0.8791412282	0.9147254939	0.616339362	1.535072334	0.9094516308
102	563	569	6	1.001673826	0.8793049707	0.9148408724	0.6163601631	1.534908592	0.9093362523
103	569	571	2	1.000553096	0.8785004916	0.9139496893	0.6174808926	1.535713071	0.9102274354
104	571	577	6	1.001646828	0.8795201123	0.9149925321	0.616387161	1.53469345	0.9091845926
105	577	587	10	1.002702576	0.8806236682	0.9160872463	0.6153314125	1.533589894	0.9080898784
106	587	593	6	1.001595222	0.8799398877	0.9152886488	0.6164387669	1.534273675	0.9088884759
107	593	599	6	1.001576647	0.8800938229	0.9153973038	0.6164573415	1.534119739	0.9087798209
108	599	601	2	1.00052122	0.8793343038	0.9145565631	0.617512769	1.534879259	0.9096205616
109	601	607	6	1.001552506	0.8802962227	0.9155402207	0.6164814828	1.53391734	0.908636904
110	607	613	6	1.001534852	0.8804459378	0.9156459747	0.6164991365	1.533767625	0.90853115
111	613	617	4	1.001013356	0.8801505703	0.9152894906	0.6170206329	1.534062992	0.9088876341
112	617	619	2	1.000503707	0.8798099947	0.9149028018	0.6175302822	1.534403568	0.9092743229
113	619	631	12	1.002986975	0.8820472685	0.9172131156	0.6150470137	1.532166294	0.9069640091
114	631	641	10	1.002438785	0.881881859	0.9169453344	0.6155952035	1.532331703	0.9072317903
115	641	643	2	1.000482013	0.8804180116	0.9153453689	0.6175519753	1.533795551	0.9088317558
116	643	647	4	1.000959083	0.88088876	0.9158193883	0.6170749056	1.533324802	0.9083577364
117	647	653	6	1.001426196	0.8814011458	0.9163214494	0.6166077927	1.532812417	0.9078556753
118	653	659	6	1.001411139	0.8815383648	0.9164185865	0.6166228499	1.532675198	0.9077585382
119	659	661	2	1.000466867	0.8808557094	0.9156639698	0.6175671216	1.533357853	0.9085131549
120	661	673	12	1.002770584	0.8829332638	0.9178087195	0.6152634049	1.531280299	0.9063684052
121	673	677	4	1.000910039	0.8815861541	0.9163203194	0.6171239496	1.532627408	0.9078568053
122	677	683	6	1.001353794	0.8820726165	0.9167970183	0.6166801944	1.532140946	0.9073801064
123	683	691	8	1.00178426	0.8825939433	0.9172958559	0.6162497287	1.531619619	0.9068812688
124	691	701	10	1.002197577	0.8831452313	0.9178121813	0.6158364121	1.531068331	0.9063649434
125	701	709	8	1.001731801	0.8829647808	0.9175550332	0.6163021878	1.531248782	0.9066220915
126	709	719	10	1.002133781	0.8835001929	0.9180566041	0.6159002076	1.53071337	0.9061205206

127	719	727	8	1.001682176	0.883324701	0.9178068439	0.6163518129	1.530888861	0.9063702808
128	719	733	6	1.001002170	0.8831165609	0.9176066439	0.6167865588	1.531097001	0.9066395998
129	733	739	6	1.00123779	0.8832360613	0.9176223747	0.6167982696	1.530977501	0.90655475
130	739	743	4	1.000817242	0.8829953388	0.9173333917	0.6172167472	1.531218224	0.906843733
131	743	751	8	1.001620042	0.8837885894	0.9181317649	0.6164139465	1.530424973	0.9060453598
132	751	757	6	1.001020042	0.8835876736	0.9178721291	0.6168321893	1.530625889	0.9063049956
133	757	761	4	1.000794964	0.8833531914	0.9175908265	0.6172390249	1.530860371	0.9065862982
134	761	769	8	1.000734304	0.8841251769	0.9183677746	0.6164577733	1.530088386	0.9058093501
135	769	773	4	1.000780739	0.8835860448	0.9177583735	0.6172532501	1.530627518	0.9064187512
136	773	787	14	1.002699015	0.8853605671	0.9195770268	0.6153349742	1.528852995	0.9046000979
137	787	797	10	1.002033013	0.8849280829	0.9190433838	0.6161404677	1.529285479	0.9051337409
138	797	809	12	1.001035321	0.8854267131	0.9195020502	0.6157971135	1.528786849	0.9046750745
139	809	811	2	1.002230073	0.8840062768	0.9179572739	0.6176652296	1.530207286	0.9040730743
140	811	821	10	1.000300739	0.8853351421	0.9179372739	0.6162044031	1.52887842	0.9002190300
141	821	823	2	1.000362578	0.8842264943	0.9181175615	0.6176714103	1.529987068	0.9060595632
141	823	827	4			0.9184750404			
				1.000722259	0.8845816396		0.6173117296	1.529631923	0.9057020843
143	827	829	2	1.000359561	0.8843351091	0.9181966172	0.6176744278	1.529878453	0.9059805075
144	829	839	10	1.00178425	0.8856314787	0.9195314373	0.616249739	1.528582084	0.9046456874
145	839	853	14	1.002458159	0.8864103013	0.9202845937	0.6155758302	1.527803261	0.903892531
146	853	857	4	1.000693219	0.8851009281	0.9188490247	0.6173407693	1.529112634	0.9053281
147	857	859	2	1.000345158	0.8848638787	0.9185814748	0.6176888307	1.529349684	0.9055956499
148	859	863	4	1.000687674	0.8852021136	0.9189219108	0.6173463144	1.529011449	0.9052552139
149	863	877	14	1.002380372	0.8867697908	0.9205279873	0.6156536168	1.527443772	0.9036491374
150	877	881	4	1.000671531	0.885500571	0.9191369211	0.6173624579	1.528712991	0.9050402036
151	881	883	2	1.000334398	0.8852706161	0.9188775019	0.6176995904	1.528942946	0.9052996228
152	883	887	4	1.000666308	0.8855983999	0.9192074055	0.6173676811	1.528615162	0.9049697192
153	887	907	20	1.003284911	0.8879838785	0.9216628007	0.6147490776	1.526229684	0.902514324
154	907	911	4	1.000646161	0.8859817576	0.919483647	0.6173878279	1.528231805	0.9046934777
155	911	919	8	1.001283024	0.8866112485	0.9201170469	0.6167509643	1.527602314	0.9040600778
156	919	929	10	1.00158613	0.8870098092	0.9204911944	0.6164478591	1.527203753	0.9036859303
157	929	937	8	1.001254669	0.8868769305	0.9203045723	0.6167793199	1.527336632	0.9038725524
158	937	941	4	1.000622542	0.8864439058	0.9198167397	0.6174114468	1.527769657	0.904360385
159	941	947	6	1.000928291	0.8867777209	0.9201440278	0.6171056981	1.527435841	0.9040330969
160	947	953	6	1.000921572	0.8868655711	0.9202067312	0.6171124165	1.527347991	0.9039703935
161	953	967	14	1.002126007	0.888025929	0.9213824505	0.6159079814	1.526187633	0.9027946742
162	967	971	4	1.000600502	0.8868883424	0.9201371415	0.6174334863	1.52732522	0.9040399832
163	971	977	6	1.000895593	0.887210408	0.9204529242	0.6171383954	1.527003154	0.9037242005
164	977	983	6	1.000889314	0.8872950205	0.9205133479	0.6171446751	1.526918542	0.9036637768
165	983	991	8	1.001176299	0.8876389455	0.9208429911	0.6168576901	1.526574617	0.9033341336
166	991	997	6	1.00087498	0.8874900467	0.9206526434	0.617159009	1.526723516	0.9035244813
167	997	1009	12	1.001732756	0.8883386269	0.9215062374	0.6163012325	1.525874935	0.9026708873
168	1009	1013	4	1.000572018	0.8874830555	0.9205659881	0.617461971	1.526730507	0.9036111366
169	1013	1019	6	1.000853317	0.8877899259	0.9208668901	0.6171806714	1.526423637	0.9033102346
170	1019	1021	2	1.000283081	0.8873695743	0.9204049404	0.6177509074	1.526843988	0.9037721843
171	1021	1031	10	1.001406742	0.8883947748	0.9214596949	0.6166272466	1.525818788	0.9027174298
172	1031	1033	2	1.000279318	0.8875352868	0.9205255142	0.6177546711	1.526678276	0.9036516105
173	1033	1039	6	1.000834487	0.8880558317	0.9210569252	0.6171995022	1.526157731	0.9031201995
174	1039	1049	10	1.001379009	0.888622486	0.9216192964	0.6166549795	1.525591076	0.9025578283
175	1049	1051	2	1.000273846	0.8877794286	0.9207031483	0.6177601426	1.526434134	0.9034739764
176	1051	1061	10	1.001361088	0.8887717601	0.9217239749	0.6166729005	1.525441802	0.9024531498
177	1061	1063	2	1.00027031	0.8879393265	0.9208194843	0.6177636789	1.526274236	0.9033576404
178	1063	1069	6	1.00080767	0.8884433032	0.9213339386	0.6172263186	1.525770259	0.9028431861
179	1069	1087	18	1.002394154	0.8899323006	0.9228535814	0.6156398348	1.524281262	0.9013235433
180	1087	1091	4	1.000525391	0.8885112911	0.9213077153	0.6175085981	1.525702271	0.9028694094
181	1091	1093	2	1.000261836	0.888329467	0.921103324	0.6177721529	1.525884095	0.9030738007
182	1093	1097	4	1.000522101	0.8885866364	0.9213620787	0.6175118881	1.525626926	0.902815046
183	1097	1103	6	1.000779185	0.8888668519	0.9216368744	0.6172548033	1.525346711	0.9025402503
184	1103	1109	6	1.000774355	0.8889399569	0.9216891748	0.6172596337	1.525273605	0.9024879499
185	1109	1117	8	1.001025188	0.8892396483	0.9219765604	0.6170088009	1.524973914	0.9022005643
186	1117	1123	6	1.000763301	0.8891086913	0.9218099047	0.6172706874	1.525104871	0.90236722
187	1123	1129	6	1.000758655	0.889180229	0.9218610963	0.6172753338	1.525033333	0.9023160284
188	1129	1151	22	1.002745569	0.8910209246	0.9237465745	0.6152884198	1.523192638	0.9004305502
189	1151	1153	2	1.000246313	0.8890713621	0.9216430255	0.6177876754	1.5251422	0.9025340992
190	1153	1163	10	1.001224891	0.889965532	0.9225625558	0.6168090977	1.52424803	0.9016145689

	91 116			1.000971164	0.889860974	0.9224174231	0.6170628249	1.524352588	0.9017597016
	92 117			1.001203498	0.8901633865	0.9227017794	0.6168304906	1.524050176	0.9014753453
	93 118			1.000716355	0.8898489013	0.922339762	0.6173176338	1.524364661	0.9018373627
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	95 119			1.00094342	0.8901915504	0.922652166	0.6170905689	1.524022012	0.9015249587
	96 120			1.001402089	0.8906923581	0.9231430155	0.6166318997	1.523521204	0.9010341092
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	98 121			1.000692278	0.8902443674	0.9226229953	0.6173417107	1.523969195	0.9015541294
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	02 123			1.001355834	0.8910598249	0.9233996973	0.6166781551	1.523153737	0.9007774274
	03 124			1.001118431	0.890981451	0.923278099	0.6169155577	1.523232111	0.9008990257
	04 125			1.001988747	0.8918656354	0.9241610219	0.6160452417	1.522347927	0.9000161028
	05 127			1.000218804	0.8904844661	0.9226708005	0.6178151847	1.523729096	0.9015063242
	06 127			1.000436488	0.8906996445	0.9228872598	0.6175975007	1.523513918	0.9012898649
	07 128			1.000651903	0.8909340679	0.923117196	0.6173820862	1.523279494	0.9010599287
	08 128			1.000216486	0.890610011	0.9227620972	0.6178175032	1.523603551	0.9014150275
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	10 129			1.0004296	0.8908840416	0.9230204068	0.6176043883	1.523329521	0.9011567179
	211 130			1.000214213	0.8907341215	0.9228523484	0.6178197756	1.523479441	0.9013247763
	12 130			1.00042735	0.8909448148	0.9230642906	0.6176066386	1.523268748	0.9011128341
	13 130			1.001273702	0.8917402325	0.9238757128	0.6167602863	1.52247333	0.9003014119
	114 131			1.000210888	0.8909176622	0.9229858118	0.6178231008	1.5232959	0.9011913129
	15 132			1.00063062	0.8913120654	0.9233881691	0.6174033683	1.522901497	0.9007889556
	16 132			1.003518302	0.8939458181	0.9260979934	0.614515687	1.520267744	0.8980791313
	17 136			1.000609597	0.8916960604	0.9236635254	0.6174243921	1.522517502	0.9005135993
	136			1.000606557	0.891752486	0.9237039942	0.6174274316	1.522461076	0.9004731305
	19 137			1.000804145	0.8919874016	0.9239294412	0.617229844	1.522226161	0.9002476835
	20 138			1.001790984	0.8929449534	0.9248975621	0.616243005	1.521268609	0.8992795626
	21 139			1.000983299	0.8923983685	0.9242787039	0.61705069	1.521815194	0.8998984208
	22 140			1.001363616	0.8928325718	0.9246994853	0.6166703723	1.521380991	0.8994776394
	23 142			1.000386614	0.8920931258	0.9238936032	0.6176473748	1.522120437	0.9002835215
	24 142			1.000192826	0.8919576313	0.9237419301	0.6178411625	1.522255931	0.9004351946
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	26 143			1.000574925	0.892354132	0.9241356039	0.6174590642	1.52185943	0.9000415208
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	28 144			1.000379337	0.8923086356	0.9240492693	0.6176546522	1.521904927	0.9001278554
	29 145			1.000189205	0.8921755907	0.9239003756 0.924261719	0.6178447842	1.522037972	0.9002767491
	30 145 31 145			1.000565948 1.001124311	0.8925298817		0.6174680408 0.6169096782	1.521683681	0.8999154057
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	32 147			1.000928897	0.893016408	0.9247160296	0.6171050918	1.521197154	0.8994610951 0.9000831854
	33 148			1.000184855 1.000368895	0.8924418749	0.9240939393	0.6178491339	1.521771688	
	34 148				0.8926238611	0.9242769739	0.6176650939 0.6178499812	1.521589701	0.8999001508
	35 148 36 148			1.000184008 1.000367207	0.8924943346 0.8926754917	0.9241320711 0.9243142709	0.6176499612	1.521719228 1.521538071	0.9000450536 0.8998628538
	37 149			1.000548769	0.8928727907	0.9245078292	0.6174852199	1.521340772	0.8996692955
	38 149			1.000348769	0.8934088486	0.9243078292	0.6169436085	1.520804714	0.8990092933
	39 15			1.00109038	0.8935047809	0.9250408374	0.6169534121	1.520708782	0.8990628061
	40 152			1.001000377	0.8932820073	0.9248521387	0.6173190965	1.520730752	0.899324986
	41 153			1.000714692	0.8936627127	0.9246521367	0.6169693854	1.52055085	0.8989516792
	42 154			1.001004003	0.8932861715	0.9232234433	0.6175053507	1.520927391	0.8993725318
	43 154			1.000328038	0.8931782489	0.924677471	0.6176828853	1.521035313	0.8994996537
	44 155			1.000531103	0.8933669104	0.9248625642	0.6175092098	1.520846652	0.8993145605
	45 155			1.000524779	0.8935701746	0.92505772	0.6173377819	1.520643388	0.8991194047
	46 156			1.00034653	0.8933244647	0.9247831056	0.6176874583	1.520889098	0.8993940191
	47 157			1.000690183	0.893664471	0.9247051050	0.6173438062	1.520549091	0.8990521179
	48 157			1.000343544	0.8934208096	0.9231230000	0.6176904448	1.520792753	0.8993244127
	49 158			1.000343344	0.8942142548	0.9256640827	0.6168387945	1.519999308	0.898513042
	50 159			1.000339155	0.8935636669	0.9230040027	0.6176948341	1.520649896	0.8992212006
	51 160			1.000539155	0.8937459174	0.9249339241	0.6175270142	1.52049696	0.8990423908
		. 1007	0	1.00000070	3.0007 400 174	J.UEU 10-1 003	3.0113210142	1.020401040	
2		7 1600	) 2	1.000168486	0.8934918589	0.9248570493	0.6178655032	1.520721703	0.8993200754
2	552 160 553 160			1.000168486 1.000336287	0.8934918589 0.8936578197	0.9248570493 0.9250239492	0.6178655032 0.6176977017	1.520721703 1.520555743	0.8993200754 0.8991531755

255	1619	1621	2	1.000167069	0.8935865475	0.9249258568	0.6178669196	1.520627015	0.8992512679
256	1621	1627	6	1.000167069	0.8938998137	0.9249256566	0.6175340989	1.520313749	0.8989318579
257	1627	1637	10	1.00049969	0.8942411533	0.9255840863	0.6173053356	1.519972409	0.8985930384
258	1637	1657	20						
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260	1663	1667	4	1.0004870	0.8940711681	0.9253226027	0.6177100566	1.520042422	0.898854522
261	1667	1669	2	1.000323932	0.8939568475	0.9253220027	0.6178723664	1.520256715	0.8989821989
262	1669	1693	24	1.000101022	0.8955476203	0.9231949238	0.6161097978	1.518665942	0.8973405167
263	1693	1697	4	1.000317434	0.8942938056	0.9254834698	0.6177165551	1.519919757	0.8986936549
264	1693	1699	2	1.000317434	0.8941816905	0.9254634696	0.6177165551	1.520031872	0.8988188363
265	1699	1709	10	1.000738380	0.8947605156	0.9253562864	0.6172449698	1.519453047	0.8982244008
266	1709	1721	12	1.000769019	0.8949702631	0.9259327239	0.6170939794	1.519243299	0.8980301008
267	1721	1723	2	1.000940009	0.8943580756	0.9254864359	0.6178781045	1.519243299	0.8986906888
268	1723	1723	10	1.000735604	0.8949278821	0.9254004333	0.617257393	1.51928568	0.8981055423
269	1723	1741	8	1.000770590	0.8948591273	0.925978072	0.6174164115	1.519354435	0.8981990527
270	1741	1747	6	1.000461039	0.8947775032	0.9258758365	0.61757295	1.519436059	0.8983012882
271	1747	1753	6	1.000461039	0.8948194593	0.9259059871	0.6175747424	1.519394103	0.8982711376
272	1753	1759	6	1.000459240	0.894861242	0.9259360138	0.6175765217	1.519354103	0.8982411109
273	1759	1777	18	1.000457407	0.8957139563	0.9259300138	0.6166715154	1.518499606	0.8973719491
274	1777	1783	6	1.001302473	0.8950266643	0.9260548993	0.6175835099	1.519186898	0.8981222254
275	1783	1787	4	1.000430479	0.8949339178	0.9259460061	0.6177346458	1.519100696	0.8982311186
276	1787	1789	2	1.000239343	0.8948279534	0.92582778	0.6178846131	1.519385609	0.8983493447
277	1789	1801	12	1.000149370	0.8955070217	0.9265260843	0.6171413604	1.518706541	0.8976510404
278	1801	1811	10	1.00032028	0.8954533556	0.9263260843	0.6172953227	1.518760207	0.8977321739
279	1811	1823	12	1.000730000	0.895649716	0.9266269241	0.617153605	1.518563846	0.8975502006
280	1823	1831	8	1.000583195	0.8954665866	0.9260209241	0.6174507934	1.518746976	0.8977648866
281	1831	1847	16	1.000383193	0.8960359693	0.9269845864	0.616875879	1.518177593	0.8971925383
282	1847	1861	14	1.001003983	0.8960068564	0.9269213181	0.6170300056	1.518206706	0.8972558066
283	1861	1867	6	1.000427539	0.8955850959	0.9264563055	0.6176064495	1.518628466	0.8977208192
284	1867	1871	4	1.000427333	0.895496832	0.9263527824	0.6177498467	1.51871673	0.8978243423
285	1871	1873	2	1.000141803	0.8953960489	0.9262404102	0.6178921858	1.518817513	0.8979367145
286	1873	1877	4	1.000141000	0.8955358565	0.9263809831	0.6177508766	1.518677706	0.8977961416
287	1877	1879	2	1.00014129	0.8954354248	0.9262690079	0.6178926988	1.518778138	0.8979081168
288	1879	1889	10	1.000704102	0.8959525662	0.9267999201	0.6173298869	1.518260996	0.8973772046
289	1889	1901	12	1.000839427	0.8961397287	0.9269734198	0.6171945613	1.518073834	0.8972037049
290	1901	1907	6	1.000417378	0.8958404324	0.9266398798	0.6176166104	1.51837313	0.8975372449
291	1907	1913	6	1.000415894	0.8958781737	0.9266670157	0.6176180951	1.518335389	0.897510109
292	1913	1931	18	1.001239384	0.8966545648	0.9274582226	0.6167946051	1.517558998	0.8967189021
293	1931	1933	2	1.000136826	0.8957829999	0.9265214266	0.6178971628	1.518430562	0.8976556981
294	1933	1949	16	1.001089389	0.8966489722	0.9274132148	0.6169445997	1.51756459	0.8967639099
295	1949	1951	2	1.000135397	0.8958962169	0.9266036419	0.6178985919	1.518317345	0.8975734828
296	1951	1973	22	1.001480071	0.8971134008	0.9278586889	0.6165539173	1.517100162	0.8963184358
297	1973	1979	6	1.0004002	0.8962841053	0.9269589089	0.617633789	1.517929457	0.8972182158
298	1979	1987	8	1.000531504	0.8964390661	0.9271078006	0.6175024851	1.517774496	0.8970693241
299	1987	1993	6	1.000397014	0.896368108	0.9270193191	0.6176369745	1.517845454	0.8971578056
300	1993	1997	4	1.000263908	0.8962858311	0.9269229577	0.6177700808	1.517927731	0.897254167
301	1997	1999	2	1.000131721	0.8961919643	0.9268183923	0.6179022677	1.518021598	0.8973587324
302	1999	2003	4	1.000263013	0.8963218795	0.9269490087	0.6177709762	1.517891683	0.897228116
303	2003	2011	8	1.000524315	0.8965805268	0.9272090287	0.6175096736	1.517633036	0.896968096
304	2011	2017	6	1.000391664	0.8965104647	0.9271216994	0.6176423247	1.517703098	0.8970554253
305	2017	2027	10	1.000649937	0.8967783767	0.9273876487	0.6173840518	1.517435186	0.896789476
306	2027	2029	2	1.000129518	0.8963724152	0.9269494126	0.6179044704	1.517841147	0.8972277121
307	2029	2039	10	1.000645599	0.8968470051	0.9274365196	0.6173883895	1.517366557	0.8967406051
308	2039	2053	14	1.00089796	0.8971332293	0.9277142076	0.617136029	1.517080333	0.8964629171
309	2053	2063	10	1.000637087	0.8969828291	0.9275332535	0.6173969022	1.517230733	0.8966438712
310	2063	2069	6	1.000380529	0.8968119949	0.9273385736	0.6176534599	1.517401567	0.8968385511
311	2069	2081	12	1.00075747	0.8971852436	0.9277137586	0.6172765186	1.517028319	0.8964633661
312	2081	2083	2	1.000125725	0.8966891216	0.9271793453	0.6179082638	1.517524441	0.8969977794
313	2083	2087	4	1.000251057	0.8968131508	0.927304038	0.6177829321	1.517400412	0.8968730867
314	2087	2089	2	1.000125316	0.8967236888	0.92720444	0.6179086723	1.517489874	0.8969726847
315	2089	2099	10	1.00062471	0.8971830733	0.927675897	0.6174092788	1.517030489	0.8965012277
316	2099	2111	12	1.00074527	0.8973490851	0.9278298975	0.6172887192	1.516864477	0.8963472272
	2111	2112	•	4 000 400 707	0.000007400	0.0072020202	0.0470400044	4 547050040	0.0000704055
317	2111	2113	2	1.000123707	0.8968607496	0.9273039392	0.6179102814	1.517352813	0.8968731855

319	2129	2131	2	1.000122526	0.8969622985	0.9273776556	0.6179114627	1.517251264	0.8967994691
320	2131	2137	6	1.000366844	0.8971927537	0.9276124692	0.6176671443	1.517020809	0.8965646555
321	2137	2141	4	1.000243902	0.8971164207	0.9275232048	0.617790087	1.517097142	0.8966539199
322	2141	2143	2	1.00012175	0.8970294153	0.9274263757	0.6179122384	1.517184147	0.896750749
323	2143	2153	10	1.000606978	0.8974758882	0.9278845447	0.6174270103	1.516737674	0.89629258
324	2153	2161	8	1.000483263	0.8974210329	0.9278107254	0.6175507257	1.516792529	0.8963663993
325	2161	2179	18	1.001080311	0.8980012601	0.9283969789	0.616953678	1.516212302	0.8957801458
326	2179	2203	24	1.001425075	0.8984103535	0.9287894833	0.6166089138	1.515803209	0.8953876414
327	2203	2207	4	1.000235666	0.897474675	0.9277821078	0.6177983224	1.516738887	0.8963950169
328	2207	2213	6	1.000352617	0.8976013376	0.9279064232	0.617681372	1.516612225	0.8962707015
329	2213	2221	8	1.000468506	0.8977378272	0.9280376106	0.6175654825	1.516475735	0.8961395141
330	2221	2237	16	1.000931535	0.8981965002	0.9284985955	0.6171024542	1.516017062	0.8956785292
331	2237	2239	2	1.000115865	0.8975502875	0.9278044384	0.6179181236	1.516663275	0.8963726863
332	2239	2243	4	1.000231393	0.897664633	0.9279193862	0.6178025955	1.516548929	0.8962577385
333	2243	2251	8	1.000461444	0.897892394	0.9281483288	0.6175725443	1.516321168	0.8960287959
334	2251	2267	16	1.000917566	0.8983442324	0.9286024393	0.6171164229	1.51586933	0.8955746854
335	2267	2269	2	1.000114135	0.8977074724	0.927918514	0.6179198534	1.51650609	0.8962586107
336	2269	2273	4	1.000227943	0.8978201184	0.9280317516	0.6178060455	1.516393444	0.8961453731
337	2273	2281	. 8	1.000454582	0.8980445065	0.9282573007	0.6175794068	1.516169056	0.895919824
338	2281	2287	6	1.000339737	0.897983184	0.9281811782	0.6176942518	1.516230378	0.8959959465
339	2287	2293	6	1.000338732	0.8980134882	0.9282029849	0.617695257	1.516200074	0.8959741398
340	2293	2297	4	1.000225253	0.8979427195	0.928120352	0.6178087359	1.516270843	0.8960567727
341	2297	2309	12	1.000673261	0.8983656028	0.9285511383	0.617360728	1.51584796	0.8956259864
342	2309	2311	2	1.000111795	0.8979233058	0.9280751429	0.6179221942	1.516290257	0.8961019818
343	2311	2333	22	1.001223257	0.8989314699	0.9291140294	0.6168107313	1.515282093	0.8950630953
344	2333	2339	6	1.000331209	0.8982426809	0.9283679168	0.6177027799	1.515970881	0.8958092079
345	2339	2341	2	1.000331203	0.8980745532	0.928184895	0.6179238111	1.516139009	0.8959922297
346	2341	2347	6	1.000329933	0.8982819842	0.9283962014	0.617704056	1.515931578	0.8957809233
347	2347	2351	4	1.000323333	0.8982129624	0.928315648	0.6178145742	1.5160006	0.8958614767
348	2351	2357	6	1.000213413	0.8983308862	0.9284313942	0.617705638	1.515882676	0.8957457305
349	2357	2371	14	1.000320331	0.8987509938	0.9288564038	0.6172713265	1.515462569	0.8953207209
350	2371	2377	6	1.000702002	0.898427942	0.928501243	0.6177087591	1.51578562	0.8956758817
351	2377	2381	4	1.00032323	0.898359855	0.9284218018	0.6178176951	1.515853707	0.8957553229
352	2381	2383	2	1.000210294	0.8982823593	0.9283356791	0.6179260015	1.515931203	0.8958414456
353	2383	2389	6	1.000323384	0.8984857029	0.928542813	0.6177106049	1.515931203	0.8956343117
354	2389	2393	4	1.000325364	0.898417983	0.9284638086	0.61781892	1.515727639	0.8957133161
355	2393	2393	6	1.000213009	0.8985335698	0.9285772629	0.6177121279	1.515793379	0.8955998618
356	2399	2411	12	1.000641107	0.8988497601	0.9288950487	0.6173928813	1.515363802	0.895282076
357	2411	2417	6	1.000319153	0.8986191253	0.9286388387	0.6177148353	1.515594437	0.895538286
358	2417	2417	6	1.000319153	0.8986474728	0.9286592412	0.6177157281	1.51556609	0.8955178835
359	2423	2437	14	1.000310201	0.899054808	0.9290713112	0.6172946703	1.515158754	0.8951058135
360	2437	2441	4		0.8986469993		0.6178236904	1.515566563	0.8955478166
361	2441	2447	6	1.000210290	0.8987600204	0.9287402465	0.6177192526	1.515453542	0.8954368782
362	2447	2459	12	1.000626966	0.899069271	0.9290510516	0.6174070224		0.8951260731
363	2459	2467	8	1.000416019	0.8989369003	0.9288968265	0.6176179695	1.515144291 1.515276662	0.8952802982
364	2467	2473	6	1.000410019	0.8988804512	0.9288269284	0.6177229881	1.5153333111	0.8953501963
365	2467	2473	4	1.000311001	0.8988151973	0.9287508558	0.6178271382	1.515398365	0.8954262689
366	2473	2503	26	1.000206651	0.8998488964	0.9298132277	0.6176271362	1.514364666	0.894363897
367	2503	2503	18	1.001336164	0.8995927164	0.9295132277	0.6171182813	1.514504666	0.8946657286
368	2503	2521	10	1.000915707	0.8993927104	0.9293113961	0.6171182813	1.514906293	0.8949860812
369	2531	2539	8	1.000303442	0.8992608831	0.9291910433	0.6176312741	1.514952679	0.8950480298
370	2539	2543	4	1.000200801	0.8991159757	0.9289682091	0.6178331879		0.8952089156
370	2543	2549	6	1.000200801	0.8992238884	0.92990741375	0.6177334392	1.515097587 1.514989674	0.8951029872
371	2549	2549	2	1.00030035	0.899070896	0.9290741375			0.8952693871
							0.6179339928	1.515142666	
373 374	2551 2557	2557 2579	6 22	1.000299488 1.001091816	0.8992593187 0.8999988313	0.9290996418 0.9298553886	0.6177345006 0.616942173	1.514954244 1.514214731	0.8950774829 0.8943217361
374	2579	2579	12	1.000590972	0.8996476458	0.9294623171	0.6174430172	1.514214731	0.8947148076
376	2579	2593	2	1.000590972	0.8992581424	0.9294623171	0.6179358177		0.8951335703
376	2593	2609	16	1.000098171	0.8992581424	0.9290435544		1.51495542	
377	2609	2617	8	1.000782577	0.899882446	0.9296858184	0.617251412 0.6176448028	1.514331116 1.514613922	0.8944913063 0.894805122
378	2617	2621	4	1.000389186	0.8995996406	0.9293720027	0.6176448028	1.514613922	0.894805122
380	2617	2633	12	1.000194072	0.8994594387	0.9292164019		1.514754124	
381	2633		14	1.00056033	0.8999605733		0.617453659		0.8945890751 0.8944644172
382	2647	2647 2657	10	1.000673327	0.8998462475	0.9297127075 0.9295760038	0.6173606617 0.6175555398	1.514252989 1.514367315	0.8946011209
302	2047	2007	10	1.000+70449	0.0030402475	0.0230100000	0.011000000	1.017307315	0.00-10011208

383	2657	2659	2	1.000095428	0.8995450217	0.9292516201	0.6179385607	1.514668541	0.8949255046
384	2659	2663	4	1.000190623	0.8996392761	0.9293463531	0.617843366	1.514574286	0.8948307716
385	2663	2671	8	1.000380315	0.8998271394	0.9295351579	0.6176536733	1.514386423	0.8946419668
386	2671	2677	6	1.000284382	0.8997752314	0.9294710421	0.6177496071	1.514438331	0.8947060826
387	2677	2683	6	1.000283664	0.8998002904	0.929489083	0.6177503244	1.514413272	0.8946880417
388	2683	2687	4	1.000188704	0.8997405004	0.9294194972	0.6178452849	1.514473062	0.8947576275
389	2687	2689	2	1.000094229	0.8996725603	0.929344113	0.6179397599	1.514541002	0.8948330117
390	2689	2693	4	1.00018823	0.899765635	0.9294376592	0.617845759	1.514447927	0.8947394655
391	2693	2699	6	1.000281768	0.899866785	0.9295369551	0.6177522207	1.514346777	0.8946401696
392	2699	2707	8	1.000374612	0.8999757583	0.9296417538	0.6176593763	1.514237804	0.8945353709
393	2707	2711	4	1.000186821	0.8998406324	0.9294918513	0.6178471675	1.51437293	0.8946852734
394	2711	2713	2	1.00009329	0.8997733463	0.9294172014	0.6179406989	1.514440216	0.8947599233
395	2713	2719	6	1.000279431	0.8999492369	0.9295963165	0.6177545573	1.514264326	0.8945808082
396	2719	2729	10	1.000464222	0.9001407142	0.9297864031	0.6175697668	1.514072848	0.8943907216
397	2729	2731	2	1.000092597	0.8998482241	0.9294714997	0.6179413915	1.514365338	0.894705625
398	2731	2741	10	1.000461929	0.9001888898	0.9298208302	0.6175720601	1.514024673	0.8943562945
399	2741	2749	8	1.000368161	0.9001461756	0.9297639946	0.6176658277	1.514067387	0.894413130
400	2749	2753	4	1.000183611	0.9000132992	0.9296166165	0.6178503774	1.514200263	0.8945605082
401	2753	2767	14	1.000640428	0.9004409198	0.9300532489	0.6173935609	1.513772643	0.8941238758
402	2767	2777	10	1.000455176	0.9003319193	0.9299230496	0.6175788126	1.513881643	0.894254075
403	2777	2789	12	1.000543805	0.9004526781	0.9300352615	0.6174901835	1.513760884	0.8941418632
404	2789	2791	2	1.000090358	0.9000935308	0.9296493751	0.6179436312	1.514120032	0.8945277496
405	2791	2797	6	1.00027066	0.9002639382	0.9298228953	0.6177633286	1.513949624	0.8943542294
406	2797	2801	4	1.000180069	0.9002067578	0.9297564028	0.6178539198	1.514006805	0.8944207219
407	2801	2803	2	1.000100003	0.90014182	0.9296843882	0.6179440669	1.514071742	0.8944927365
408	2803	2819	16	1.000003922	0.9007143306	0.9302732178	0.6173169794	1.513499232	0.8939039069
409	2819	2833	14		0.9007143300	0.9302732178			0.893943818
				1.000623606			0.6174103831	1.513518812	
410	2833	2837	4	1.000177496	0.9003492292	0.9298593457	0.6178564924	1.513864333	0.894317779
411	2837	2843	6	1.000265729	0.9004446045	0.9299529776	0.61776826	1.513768958	0.894224147
412	2843	2851	8	1.00035334	0.9005473473	0.9300517984	0.6176806487	1.513666215	0.8941253263
413	2851	2857	6	1.000264262	0.9004988904	0.9299920651	0.6177697272	1.513714672	0.8941850596
414	2857	2861	4	1.00017582	0.9004429966	0.9299270965	0.617858169	1.513770566	0.8942500282
415	2861	2879	18	1.000788021	0.9010099452	0.9305077872	0.6172459682	1.513203617	0.8936693375
416	2879	2887	8	1.000348377	0.9006848404	0.93015045	0.6176856121	1.513528722	0.8940266747
417	2887	2897	10	1.000433965	0.9007931555	0.9302527658	0.6176000242	1.513420407	0.8939243589
418	2897	2903	6	1.000259548	0.900675022	0.9301188876	0.6177744411	1.51353854	0.894058237
419	2903	2909	6	1.000258945	0.9006977471	0.930135251	0.6177750442	1.513515815	0.8940418737
420	2909	2917	8	1.000344341	0.9007978546	0.9302315429	0.6176896481	1.513415708	0.8939455818
421	2917	2927	10	1.000428953	0.9009049064	0.9303326697	0.6176050362	1.513308656	0.893844455
422	2927	2939	12	1.000512593	0.9010186586	0.9304384021	0.6175213959	1.513194904	0.8937387226
423	2939	2953	14	1.000595081	0.9011388551	0.9305485038	0.6174389074	1.513074707	0.8936286209
424	2953	2957	4	1.000169404	0.9008087396	0.9301913537	0.6178645844	1.513404823	0.89398577
425	2957	2963	6	1.000253634	0.9008997608	0.9302807148	0.6177803544	1.513313802	0.8938964099
426	2963	2969	6	1.000253057	0.9009219322	0.93029668	0.6177809317	1.51329163	0.8938804447
427	2969	2971	2	1.000084217	0.9007924906	0.930156107	0.6179497713	1.513421072	0.8940210177
428	2971	2999	28	1.001173029	0.9017807404	0.9311742689	0.6168609602	1.512432822	0.8930028558
429	2999	3001	2	1.000083271	0.9009039595	0.9302369066	0.6179507182	1.513309603	0.893940218
430	3001	3011	10	1.000415487	0.9012106716	0.9305513326	0.6176185014	1.513002891	0.893625792
431	3011	3019	8	1.00033126	0.9011719104	0.930499975	0.6177027288	1.513041652	0.8936771497
432	3019	3023	4	1.000165246	0.9010519308	0.9303670577	0.6178687426	1.513161632	0.893810067
433	3023	3037	14	1.000576549	0.9014372341	0.9307603892	0.6174574393	1.512776328	0.8934167355
434	3037	3041	4	1.000164146	0.9011171395	0.9304141696	0.6178698431	1.513096423	0.893762955
435	3041	3049	8	1.000327591	0.9011771393	0.9305768671	0.6177063979	1.512934515	0.8936002576
436	3049	3049	12	1.000327591	0.9012790409	0.9307488496	0.617544371	1.512954515	0.893428275
437	3049	3067	6	1.000469616	0.9014542612	0.9307488498	0.6177900187	1.512759301	0.8936250556
438	3067	3079	12	1.000486393	0.9015167825	0.9307934195	0.6175475958	1.51269678	0.8933837052
439	3079	3083	4	1.000161631	0.9012674898	0.9305227927	0.6178723576	1.512946073	0.893654332
440	3083	3089	6	1.000242015	0.9013543282	0.9306080509	0.6177919739	1.512859234	0.8935690738
441	3089	3109	20	1.00080314	0.9018815524	0.9311457969	0.6172308484	1.51233201	0.8930313278
442	3109	3119	10	1.000399314	0.9015891557	0.9308220685	0.6176346746	1.512624407	0.8933550562
443	3119	3121	2	1.000079677	0.9013366247	0.9305504953	0.6179543114	1.512876938	0.8936266294
444	3121	3137	16	1.000635536	0.9018446949	0.931072866	0.6173984526	1.512368868	0.8931042587
445	3137	3163	26	1.001025213	0.9022524761	0.9314765813	0.6170087754	1.511961086	0.8927005434
	3163	3167	4	1.000156816	0.9015608728	0.9307347455	0.6178771728	1.51265269	0.8934423792

447 3167 3168 2 100009821 0 0.00009821 0 0.000098237 0 0.000098237 0 1.00009823 0 0.00009923 0 0				- 1						
4-96   3181   3191   3191   3191   3191   3191   3030   12   1000185291   0.0010429713   0.0010420520   0.0010429713   0.0010420520   0.0010429713   0.0010420520   0.001	447	3167	3169	2	1.000078321	0.9015040505	0.9306718279	0.6179556673	1.512709512	0.8935052968
460   3187   3191   4   1,00015569   0,919900100   0,919000100   0,919										
451   3191   3209   27   0   1000269369   0   097169016   0   0500901750   0   176207504   0   1.01277502   0   0   0800217500   445   3209   3217   0   1.000205936   0   097169516   0   0.000205936   0   0.0177250544   0   1.012775004   0   0.000300000   0   0   0   0   0   0   0										
452   3300   3.009   6										
453 3209 321 0.000009360 0.001946302 0.001946302 0.001946302 0.01946302 0.001946304 0.001946304 0.001946304 0.001946304 0.01946302 0.01946302 0.01946304 0										
454   321   322	452	3203	3209	6	1.000231854	0.9017669156	0.9309051738	0.6178021345	1.512446647	0.8932719509
465   3229   3261   32   1,000,000   30,00	453	3209	3217	8	1.000308394	0.9018565001	0.9309913661	0.6177255946	1.512357062	0.8931857586
496   3229   3291   22   1.000094037   0.001799707   0.001799077   1.51204094   0.001799077   1.51204094   0.001799077   1.51204094   0.001799077   1.51204094   0.001799077   1.51204094   0.001799077   1.51204094   0.001799077   0.001799077   1.51204094   0.001799077   0.00179907	454	3217	3221	4	1.000153862	0.9017445392	0.9308674294	0.6178801266	1.512469023	0.8933096953
457 3259 3259 4 1.000074615 0.901789742 0.900789478 0.778978478 0.77897847 1.5124282 0.8028287402 459 3259 3259 2 1.00007481 0.901808041 0.9080237304 0.57780848 1.51240378 0.882327402 469 3259 3271 12 1.0000446 0.9080237304 0.908023730 0.517808438 1.51240378 0.882327402 469 3259 3301 2 1.00007481 0.908023731 0.517808438 1.51240378 0.8823287402 469 3307 3313 6 1.00022816 0.908028780 0.908028737 0.517808438 1.51240378 0.8823287402 469 3307 3313 6 1.00022816 0.908028780 0.908028780 0.908028781 0.908028781 0.908028781 0.908028781 0.908028781 0.908028781 0.908028781 0.90802881 0.90	455	3221	3229	8	1.000307105	0.9018963554	0.931019978	0.6177268841	1.512317207	0.8931571467
458   3257   3269   2   1,0007548   0,000757674   0,0007	456	3229	3251	22	1.000840373	0.9024044162	0.9315361181	0.6171936162	1.511809146	0.8926410066
489 3257 3289 2 1 000076894 0 0916908041 0 3032005020 0 167780580 1 51200578 0 08202502522 1 481 3271 3299 28 1 001053231 0 8002738126 0 318187277 0 0.880007575 1 5147644 0 0820338476 4 3 3 3 3 3 3 3 3 3 3 0 1 000022064 0 00202522 0 0.002100732 0 3018187277 0 0.880007575 1 5147644 0 0.892338476 4 3 3 3 3 3 3 3 0 1 000022064 0 00202522 0 0.002100732 0 0.00200767 0 0.0020076 0	457	3251	3253	2	1.000076051	0.901789742	0.9308788478	0.6179579374	1.51242382	0.8932982769
490   3298   3271   12   1000454354   030215076524   03112506524   031	458	3253	3257	4	1.000151951	0.9018649226	0.9309543943	0.6178820377	1.51234864	0.8932227304
491   3271   3298   28   1,001053231   0,902739121   0,319502757   0,119607575   1,511475441   0,802339674   483   3301   3307   6   1,00022841   0,3020902911   0,3021632757   0,81906848   1,51212371   0,883039064   484   3307   3313   6   1,00022894   0,002169735   0,931162082	459	3257	3259	2	1.000075894	0.9018098041	0.9308933845	0.6179580947	1.512403758	0.8932837402
482	460	3259	3271	12	1.000454354	0.9021578041	0.9312505524	0.6175796348	1.512055758	0.8929265723
443   3301   3307   6	461	3271	3299	28	1.001053231	0.9027381216	0.9318372771	0.6169807575	1.511475441	0.8923398476
464 3307 3313 6 1,00022389 0,9021679132 0,9311520482 0,178163049 0,1830267958	462	3299	3301	2	1.00007481	0.9019489914	0.9309942337	0.6179591791	1.512264571	0.893182891
464 3307 3313 6 1,00022389 0,9021679132 0,9311520482 0,178163049 0,1830267958	463	3301	3307	6	1.00022414	0.9020902911	0.9311380607	0.6178098484	1.512123271	0.893039064
466 3319 3323 41 00002234276 0.0021200220 0.0311600022 0.8718107569 1.1512102004 0.8930011092										
466										
467   3323   3329   6										
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468   3331   3343   12   1,000147365   0,90218867488   0,9311867978   0,6178960536   1,51826804   0,8027832247										
470 3343 3347 4 1,00047365 0,902158674 0,931166797 0,6178686234 1,512054055 0,8030103269 471 3347 3359 3361 2 1,000473671 0,9021441348 0,9311356164 0,617966167 1,511796936 0,8030105083 473 3361 3371 10 1,00036873 0,9021445687 0,9311452714 0,617966167 1,511796936 0,802746003 474 3371 3373 2 1,000773610 0,902148578 0,9311452714 0,617966167 1,511796936 0,802746003 475 3373 3389 16 1,000573618 0,902245788 0,931163221 0,9311635										
477 3369 3369 12 1,00047371 0,902448383 0,9314486245 0,617593019 1,511776732 0,892278002 472 3359 3361 3371 10 1,00037311 0,9021445361 0,911356164 0,6179661156 1,511796926 0,8927844063 473 3361 3371 10 1,000369573 0,9024145267 0,9314127184 0,6179661156 1,511796926 0,8927844063 474 3371 3373 3389 16 1,000582545 0,9022401235 0,931427184 0,6179661156 1,511796926 0,8930136016 476 3389 3381 2 1,000572582 0,9022401235 0,931427184 0,6175661156 1,511796926 0,8927846063 476 3389 3381 2 1,00075826 0,9022401235 0,9312051566 0,6179614064 1,511973439 0,8929716861 477 3391 3407 3413 6 1,000216329 0,9022470323 0,931807156 0,6174514439 1,5116008 0,8929716861 477 3391 3407 3413 6 1,000216329 0,9022470323 0,931807156 0,6174514439 1,5116008 0,8929716861 478 3407 3413 6 1,000216329 0,9022470323 0,931807156 0,617451449083 1,51151008 0,89295768489 479 3413 3433 20 1,000718205 0,902289039 0,9318018626 0,617365764 1,511314358 0,8923615421 480 3433 3449 16 1,000571447 0,9022828577 0,902289039 0,931801862 0,617365764 1,511314358 0,8923161421 480 3449 3457 8 1,000278418 0,902283677 0,90317710564 0,90317710564 0,90317710564 0,90317710564 0,90317710564 0,90317710540 0,90317710564 0,90317710564 0,90317710564 0,9031780509 0,9										
472   3356   3361   2   1.000073311   0.9021441348   0.8311356164   0.6178608761   1.512056928   0.8927644083   474   3371   3373   2   1.000073181   0.9021465694   0.931145261   0.6178608761   1.512050907   0.8930136016   476   3389   3399   2   1.00007586   0.902240258   0.902240258   0.9311635261   0.6178608711   1.512050907   0.8930136016   476   3389   3391   2   1.000075826   0.9022401258   0.931260566   0.6174514439   1.511564804   0.8925344961   477   3391   3407   16   1.00057908   0.90227034823   0.931260566   0.6174516439   1.511516080   0.8927918611   477   3391   3407   16   1.00057908   0.90227034823   0.931861824   0.6174549033   1.5115108   0.8924958683   478   3413   3433   20   1.00071820   0.902247033   0.931861782   0.617315764   1.51131438   0.89231561421   480   3433   3449   3457   8   1.000264418   0.900261469   0.931469068   0.6177315764   1.51131438   0.89231561421   482   3457   3461   4   1.000141922   0.9025179405   0.931469068   0.6177895066   1.51169502   0.8926566144   482   3453   3461   3463   2   1.00007689   0.902668345   0.931349606   0.6177895036   1.51169508   0.8927506014   486   3469   3491   2   1.00007696   0.902649344   0.931349630   0.6178950366   1.51167262   0.8927506014   486   3469   3491   2   1.00007696   0.902649344   0.931349630   0.6178952345   1.511077126   0.8927376611   488   3469   3491   2   1.00007696   0.9026737861   0.931479403   0.61776845345   1.51146761   0.8927376611   488   3469   3491   2   1.00007696   0.902673786   0.931479403   0.6177684536   1.51146761   0.8927376611   489   3511   3517   6   1.00020958   0.902747876   0.931677940   0.931677940   0.6177684536   1.51146766   0.8927377661   489   3511   3517   6   1.00020958   0.902747876   0.931677940   0.931677940   0.6177684536   1.51146766   0.8927377217   0.902889378   0.93167696   0.6177684536   1.51146766   0.892561866   499   3571   3581   0.100006878   0.902078789   0.931676798   0.6177684536   1.51146766   0.892561868   499   3571   3581   0.100006878   0.902078789   0.931676798										
473   3361   3371   31   31   31   31   30   30   30   3										
474 3371 3373 2 1.000073018 0.9021826549 0.9311635221 0.6179609711 1.512030907 0.8930138016 476 3389 3391 2 1.000073626 0.9022401236 0.912462686 0.6179614064 1.51163640 0.5925344961 477 3391 3407 16 1.00057908 0.90227034823 0.9316614324 0.617454903 1.51156064 0.8925918961 477 3391 3407 3413 6 1.00027680 0.90227034823 0.9316614324 0.617454903 1.5116068 0.8924958934 478 3413 3433 20 1.000716205 0.902247303 0.931807186 0.6179167607 1.511786259 0.89279693489 479 3413 3433 20 1.000716205 0.902247303 0.931807180 0.617131764 1.5111314358 0.8923151421 480 3433 3449 16 1.000571147 0.9022298577 0.9317710564 0.6177465743 1.511134358 0.89231561421 480 3433 3449 16 1.000571147 0.9022298577 0.9317710564 0.6177465743 1.511134535 0.89234060863 481 3449 3457 3461 4 1.000141922 0.9025179405 0.9314261038 0.617892066 1.511695622 0.8927510209 483 3461 3463 3467 4 1.00014192 0.902534494 0.931439405 0.617892066 1.511695622 0.8927510209 483 3461 3463 3467 4 1.00014192 0.902534494 0.931439405 0.6178923425 1.511747221 0.8928080927 488 3469 3491 32 1.00070752 0.902484934 0.931439405 0.6178632459 1.51177126 0.89237376611 488 3499 3491 3499 8 1.000280664 0.9027487815 0.931580203 0.6178632459 1.511747621 0.8923668929 488 3499 3511 3517 6 1.00026664 0.9027487815 0.9316324045 0.6177643451 1.511467861 0.8923679591 488 3499 3511 3517 6 1.00026664 0.9027487815 0.931632036 0.6177634051 1.511467861 0.8923679591 489 3519 3527 0 1.000069402 0.902666739 0.931656381 0.6178628453 1.5111476781 0.8923668929 4.99 3517 3527 0 1.0000476725 0.90248894 0.931675380 0.6177648363 1.511467651 0.8923668929 4.99 3517 3527 0 1.0000476725 0.90248894 0.931677380 0.6176842835 1.511476781 0.8923668929 4.99 3517 3527 0 1.0000476725 0.902368992 0.931756033 0.617684303 1.511467651 0.8923668929 4.99 3517 3527 0 1.000047629 0.90236714 0.931674913 0.617684283 1.5111467651 0.8923668929 4.99 3517 3527 0 1.000047629 0.90236714 0.931674913 0.617684283 1.5111467651 0.8923668929 4.99 3551 3552 0.90236891 0.93167690 0.93166779 0.931861930 0.6176893439 1.511136783 0.8923666840 0.9023										
475										
476   3389   3391   2   1.000772582   0.9022401235   0.9312051566   0.6179614064   1.511973439   0.8929719681   477   3391   3407   3413   6   1.000276820   0.90227034823   0.9316814324   0.6174549083   1.51151008   0.89249656923   478   3407   3413   3433   20   1.000718205   0.902280333   0.93180755   0.6178176597   1.511786259   0.8927964849   480   3433   3449   3457   8   1.000244418   0.902621469   0.9315406060   0.6173615764   1.511134358   0.8923151421   480   3433   3449   3457   8   1.000244418   0.902621469   0.9315406060   0.6177692060   1.511692093   0.892366683   481   3449   3457   3461   4   1.000141922   0.9025179405   0.9314261038   0.6178920666   1.511695622   0.8927510209   483   3461   3463   2   1.00007089   0.9024683415   0.931369030   0.6178930902   1.511747221   0.8927376611   484   3463   3467   4   1.000141646   0.902584946   0.931382500   0.6178632266   1.511677120   0.8927376611   485   3467   3469   3491   22   1.000070752   0.902489344   0.931382500   0.617268427   1.511677126   0.8927376611   486   3469   3491   22   1.000070752   0.902848934   0.931382500   0.617563425   1.51176626   0.8927346245   486   3469   3491   22   1.000070754   0.902489344   0.931382500   0.617563425   1.51176663   0.8923737671   489   3511   3517   6   1.000240584   0.9031767940   0.931632206   0.6177534051   1.511464781   0.8925450951   489   3511   3517   6   1.000240767   0.90288978   0.931757270   0.93175940   0.9317624556   0.6177586563   1.51147669   0.892548626   490   3517   3527   10   1.00034725   0.90268979   0.93175755   0.617868664   1.51146766   0.892549826   490   3517   3527   10   1.00034725   0.902687979   0.931657556   0.617868664   1.51146764   0.892549266   490   3517   3527   10   1.00034725   0.902687979   0.931657556   0.617868664   1.51146764   0.892549266   490   3533   3539   6   1.00020769   0.902687719   0.931657556   0.617868664   1.51146766   0.8925492606   490   3567   3567   3569   2   1.00006840   0.902678659   0.931657956   0.617868665   1.511167779   0.892549266								0.6179609711		
477   3391   3407   3413   6   1.00057908   0.9027034823   0.9318814324   0.6174549083   1.51151008   0.8924956923   478   3447   3413   3433   20   1.000718205   0.9024270333   0.9313807758   0.6178176597   1.511786259   0.8927803489   3413   3433   3449   16   1.000571447   0.9028289577   0.9317710564   0.6174628413   1.511383705   0.8923406083   4811   3449   3457   8   1.00028418   0.902621469   0.9315460063   0.617862966   1.5116865622   0.8927576029   482   3457   3461   4   1.000141922   0.9025179405   0.9314540088   0.6178920666   1.5116865622   0.8927576029   483   3461   3463   2   1.000070762   0.902489344   0.931369032   0.6178630962   1.511747221   0.89227376611   485   3467   3469   2   1.000070752   0.9024849344   0.9313825002   0.6179633369   1.511728628   0.8927946245   486   3469   3491   22   1.000070752   0.9024849344   0.9313825002   0.6179633369   1.511728628   0.8927946245   488   3499   3511   3517   6   1.000249156   0.9027487915   0.9314594363   0.6178248454   1.51134686   0.8923977217   489   3511   3517   6   1.000249156   0.9027487910   0.931459436   0.617624845   1.51134766   0.8925640882   490   3517   3527   10   1.000347725   0.902889892   0.9317526731   0.61766862642   1.511467651   0.8925668829   490   3513   3533   4   1.00018877   0.9027887816   0.931556391   0.617648683   1.51154865   0.8925619686   492   3529   3533   4   1.00018877   0.902787386   0.931556391   0.617648683   1.51154865   0.8925619686   495   3541   3547   6   1.00024767   0.902887112   0.902785915   0.931654596   0.617785865   1.51147679   0.8925652887   493   3533   3539   6   1.00024767   0.9028367112   0.931654958   0.6178686264   1.51153778   0.8925652687   494   3559   3541   3547   6   1.00024767   0.902836712   0.931654958   0.617868633   1.51154876   0.8925652687   494   3559   3541   3547   6   1.00024767   0.902836712   0.931654958   0.617868633   1.51154876   0.8925619686   495   3541   3547   6   1.00024767   0.9023875115   0.931654958   0.617868633   1.51153878   0.8925659695   495   3541										
478 3407 3413 6 1.000216329 0.9024273033 0.931807758 0.6178176597 1.511786259 0.9927963489 479 3413 3433 20 1.000718205 0.9026992039 0.9318619826 0.617136784 1.51134585 0.9923151421 480 3433 3449 3457 8 1.000284418 0.902621469 0.9315406063 0.6174628413 1.511380750 0.892460683 481 3449 3457 8 1.000284418 0.902621469 0.9315406063 0.6177495703 1.511592093 0.8926365184 482 3457 3461 3463 2 1.00007098 0.90261686315 0.9315406063 0.6177495703 1.511592093 0.8926365184 482 3457 3461 3463 2 1.00007098 0.9026468315 0.9315406063 0.617892066 1.511695622 0.9927510209 483 3461 3463 2 1.000070769 0.9026468315 0.931540603 0.6178920465 1.511672712 0.8928080927 484 3463 3467 3469 2 1.000070752 0.9024849344 0.93138256002 0.6178932396 1.51174722 0.8927376611 485 3467 3469 3491 22 1.000775534 0.9031271794 0.9320430495 0.6172584547 1.511068633 0.8927345245 486 3469 3491 3499 8 1.000280584 0.9027457815 0.931632096 0.617753405 1.5114764781 0.89225450951 488 3499 3511 3517 6 1.000419557 0.902888992 0.93177940 0.617584547 1.511467651 0.89223977217 489 3511 3517 6 1.00029153 0.9027457815 0.9316102418 0.6172624635 1.511467651 0.892234656882 490 3517 3527 10 1.000497575 0.9028889786 0.931756631 0.6175846547 1.511467651 0.89225668829 491 3527 3529 3533 4 1.000269640 0.902686739 0.9315756381 0.617684361 1.51144623 0.8922344526 491 3527 3529 3533 4 1.00008402 0.902686739 0.9315756381 0.617864863 1.51146423 0.8922619886 492 3529 3533 341 0.000384725 0.9022737885 0.931575688 0.6178985614 1.51146423 0.8922619889 494 3539 3541 3547 6 1.000047672 0.9022889761 0.931657758 0.617864863 1.51146421 0.89225193889 494 3539 3541 2 1.000068740 0.9022678785 0.9315677386 0.6178965868 1.511471070 0.89225193889 494 3539 3541 3547 6 1.000068740 0.9022737855 0.931657758 0.617864863 1.51146842 0.8922619486 494 3539 3541 3547 6 1.000068740 0.9022737855 0.931657758 0.617864863 1.51146843 0.892269595 495 3494 3559 3571 32 1.000068740 0.902273785 0.931859990 0.6176985593 1.511137781 0.89225959587 499 3571 3581 10 1.00041638 0.900374790 0.931816950 0.6178685693 1.51113	476	3389	3391	2	1.000072582	0.9022401235	0.9312051566	0.6179614064	1.511973439	0.8929719681
479   3413   3433   20   1.000718205   0.9028992039   0.9318619826   0.617315784   1.511314358   0.8923151421     480	477	3391	3407	16	1.00057908	0.9027034823	0.9316814324	0.6174549083	1.51151008	0.8924956923
480 3433 3449 16 1.000571147 0.9028298577 0.9317710564 0.6174628413 1.511383705 0.8924060683 481 3449 3457 3461 4 1.000141922 0.90261469 0.9315400603 0.6177495703 1.511592093 0.8926365184 482 3457 3461 3463 2 1.00007089 0.9024663415 0.931369032 0.6179630992 1.511747221 0.8928080927 484 3463 3467 44 1.000141646 0.9025564384 0.9314394636 0.61789323425 1.511677122 0.8928080927 484 3463 3467 3469 2 1.00007052 0.9024849344 0.9313825002 0.6179630992 1.511747821 0.8927376611 485 3467 3469 2 1.000775534 0.9031271794 0.9320434045 0.6178258369 1.51167826 0.8927376611 486 3469 3491 22 1.000775534 0.9031271794 0.9320434045 0.6172584547 1.511086383 0.8921337202 487 3491 3499 8 1.000280584 0.9027487815 0.9316320296 0.6177534051 1.511464781 0.8925450951 488 3499 3511 12 1.000419557 0.9028893928 0.931797403 0.6176144316 1.511314663 0.8923977217 499 3511 3517 6 1.000209153 0.9027487919 0.9316102418 0.6176248354 1.51146761 0.8925450951 499 3517 3527 10 1.0004347725 0.9028893768 0.9317526721 0.6178682642 1.511324186 0.89234244526 491 3527 3529 2 1.000069402 0.902686739 0.931565631 0.617864563 1.511544823 0.8925661866 492 3529 3533 4 1.000138677 0.9027373685 0.931654596 0.6178652642 1.511324186 0.8924525287 493 3533 3539 6 1.000207693 0.9028118542 0.931654596 0.6178685431 1.51146761 0.8925526287 493 3533 3539 6 1.000069138 0.9027050441 0.9316549686 0.617868514 1.511476194 0.8925526287 496 3547 3557 10 1.000344729 0.90268739 0.931654968 0.6178685431 1.511476194 0.8925526287 496 3547 3557 10 1.000344729 0.9028737885 0.9316749182 0.6178685247 1.51146744 0.8925526287 496 3547 3557 10 1.00034872 0.9028357112 0.931654998 0.6176895593 1.511508781 0.8926351905 496 3547 3557 10 1.00034872 0.9028737818 0.9316749182 0.6178682821 1.511377815 0.8925526287 499 3571 3581 10 1.00034873 0.902873781 0.9316749182 0.617868281 1.5111377815 0.89255202065 496 3547 3557 3569 2 1.000068728 0.9028309473 0.931681059 0.6176895595 1.51116503 0.892310918 500 3581 3583 3593 10 1.00034829 0.9030897479 0.9318149155 0.617856569 1.511146749 0.8925502065 500 3581 35	478	3407	3413	6	1.000216329	0.9024273033	0.9313807758	0.6178176597	1.511786259	0.8927963489
Math	479	3413	3433	20	1.000718205	0.9028992039	0.9318619826	0.617315784	1.511314358	0.8923151421
482   3457   3461   4   1.000141922   0.9025179405   0.9314261038   0.6178920666   1.511695622   0.8927510209   483   3461   3463   2   1.00007099   0.902468415   0.931369032   0.6179630992   1.511747211   0.8928080927   484   3463   3467   4   1.000141646   0.9025364364   0.9313825002   0.6179632369   1.51172721   0.8928080927   485   3467   3469   2   1.000070752   0.9024849344   0.9313825002   0.6179632369   1.511728628   0.8927866245   486   3469   3491   22   1.000775534   0.9031271794   0.9320434045   0.6172584547   1.511068383   0.8921337202   487   3491   3499   8   1.000280584   0.9031271794   0.9320434045   0.6177534051   1.511464781   0.8925469951   488   3499   3511   2   1.000419557   0.9028888992   0.9317570403   0.6176144316   1.511314663   0.8923977217   489   3511   3517   6   1.000209153   0.9027459109   0.9316102418   0.6178248354   1.511467651   0.8925688829   490   3517   3527   10   1.00049725   0.9028889788   0.9317562671   0.6176862642   1.511341663   0.8922568829   491   3527   3529   3533   4   1.000138677   0.9027873685   0.931584596   0.6178953114   1.511476194   0.8925925287   493   3533   3539   6   1.000207633   0.902716542   0.9316577358   0.6178269266   1.511407108   0.8925935287   493   3533   3539   6   1.000207633   0.9028118542   0.9316577358   0.6178262965   1.511367181   0.8925935287   494   3539   3541   2   1.000069138   0.9027750441   0.931584596   0.6178268266   1.51136778   0.8925935989   494   3539   3541   3547   6   1.000207633   0.902371815   0.931677358   0.6178626276   1.511367851   0.8925022065   496   3547   3557   3559   2   1.00068746   0.9023759122   0.931679982   0.6178268266   1.5113377851   0.8925022065   499   3571   3581   10   1.00034429   0.902377492   0.931660267   0.6178652427   1.51145434   0.8923611249   497   3557   3559   2   1.000680746   0.9023693779077   0.9318062067   0.6176952427   1.51116563   0.8922761625   499   3571   3581   10   1.00034429   0.9023074904   0.931806067   0.6176952427   1.51116563   0.8922369640   503 3607   3613   36	480	3433	3449	16	1.000571147	0.9028298577	0.9317710564	0.6174628413	1.511383705	0.8924060683
483         3461         3463         2         1.00007089         0.9024663415         0.931369032         0.6179630992         1.511747221         0.8928080927           484         3463         3467         4         1.000141646         0.902564364         0.931398636         0.61796323425         1.511747221         0.89287376611           486         3469         3491         22         1.00077552         0.9024849344         0.932043045         0.6172584547         1.511728628         0.8927946245           487         3491         3499         8         1.000280584         0.9027487815         0.9316320296         0.6177534051         1.511746633         0.892377217           488         3499         3511         12         1.000419557         0.90228898992         0.931779403         0.6176144316         1.51134663         0.8923772617           489         3511         3517         6         1.00020153         0.9022893788         0.9317526721         0.6176862642         1.51134663         0.8925686829           490         3517         3527         10         1.000347725         0.902889788         0.9317526721         0.6176862642         1.511324186         0.8925614566           491         3527         3529         <	481	3449	3457	8	1.000284418	0.902621469	0.9315406063	0.6177495703	1.511592093	0.8926365184
484   3463   3467   4   1.000141646   0.9025364364   0.9314394636   0.6178923425   1.511677126   0.8927376611     485   3467   3469   2   1.000070752   0.9024849344   0.9313825002   0.6179632369   1.511728628   0.8927946245     486   3469   3491   22   1.000775534   0.9031271794   0.9312434045   0.6172584547   1.51108638   0.892137202     487   3491   3499   8   1.000280584   0.9027487815   0.9316320296   0.6177534051   1.511464781   0.8925450951     488   3499   3511   12   1.000419557   0.9028988992   0.931779403   0.6176144316   1.511314663   0.8923977217     489   3511   3517   6   1.00029153   0.9027459109   0.9316102418   0.617624854   1.511467651   0.8925668829     490   3517   3527   10   1.000347725   0.9028893768   0.9317526721   0.6176862642   1.511324186   0.892444526     491   3527   3529   2   1.000069402   0.902686739   0.9315166381   0.6179685683   1.511544823   0.892595287     493   3533   3539   6   1.000207693   0.9028118542   0.9316577356   0.6176262956   1.511401708   0.8925925287     493   3533   3541   2   1.000069138   0.9027050441   0.9315419342   0.6179648503   1.511508518   0.89259133889     494   3539   3541   2   1.000069138   0.9027050441   0.9316749182   0.6176862618   1.511377851   0.8925022065     496   3547   3557   10   1.000344429   0.9029778185   0.931815998   0.6176895593   1.511235744   0.8925022065     496   3547   3557   3559   2   1.000068746   0.9027592222   0.9315811752   0.6176625257   1.51145434   0.8925959495     498   3559   3571   12   1.000411638   0.9030747904   0.931904722   0.617662565   1.511130783   0.892271525     499   3571   3581   10   1.000340553   0.903087797   0.931801965   0.6176934359   1.511130783   0.8922310918     500   3581   3583   3593   10   1.000340553   0.903087797   0.931801965   0.6176934559   1.511130783   0.8922310918     501   3583   3593   3607   341   1.000475023   0.9030897797   0.931801965   0.6176895595   1.511130783   0.8922412499     503   3607   3613   3617   4   1.000135066   0.903086767   0.9318056664   0.617683459   1.511	482	3457	3461	4	1.000141922	0.9025179405	0.9314261038	0.6178920666	1.511695622	0.8927510209
485         3467         3469         2         1.000070752         0.9024849344         0.9313825002         0.6179632369         1.511728626         0.8927946245           486         3469         3491         22         1.000775534         0.902171794         0.9320434045         0.617758451         1.511066383         0.8921337202           487         3491         3499         8         1.000280584         0.9027487815         0.9316320296         0.6177534051         1.511464781         0.8923577217           488         3499         3511         12         1.000419557         0.9028893768         0.931779403         0.617614316         1.511467651         0.8925668829           490         3517         3527         10         1.000347725         0.9028893768         0.93175403         0.6176862642         1.511347665         0.8925668829           491         3527         3529         2         1.000069402         0.902666739         0.9315656381         1.61176645833         1.511476194         0.8925925287           493         3533         3539         6         1.000207693         0.9028118549         0.6178963603         1.511401708         0.8925925287           493         3531         3547         6         1.000	483	3461	3463	2	1.00007089	0.9024663415	0.931369032	0.6179630992	1.511747221	0.8928080927
486         3469         3491         22         1.000775534         0.9031271794         0.9320434045         0.6172584547         1.511086383         0.8921337202           487         3491         3499         8         1.000280584         0.9027487815         0.9316320296         0.6177534051         1.511464781         0.8925469551           488         3499         3511         12         1.000419557         0.902888893         0.93177943         0.6176144316         1.511314663         0.89223977217           489         3511         3517         6         1.000209153         0.9027459109         0.9316102418         0.617684363         1.511476761         0.8925668829           490         3517         3527         10         1.000347725         0.902688739         0.9317526721         0.6176842642         1.511447618         0.8925668829           491         3527         3529         2         1.000069402         0.902688739         0.9315545681         0.617864563         1.511447614         0.8925622878           493         3533         3539         6         1.00027693         0.9027373685         0.9315647966         0.6178665311         1.511401708         0.89255193889           494         3539         3541	484	3463	3467	4	1.000141646	0.9025364364	0.9314394636	0.6178923425	1.511677126	0.8927376611
487         3491         3499         8         1.000280584         0.9027487815         0.9316320296         0.6177534051         1.511464781         0.8925450951           488         3499         3511         12         1.000419557         0.9028988992         0.931779403         0.6176144316         1.51134663         0.8922977217           489         3511         3517         6         1.000209153         0.902745910         0.9316102418         0.6178243554         1.511467651         0.89225668829           490         3517         3527         10         1.000347725         0.9028683768         0.93157626721         0.6176862642         1.511446761         0.8925668829           491         3527         3529         2         1.000069402         0.902668739         0.9315156381         0.6179645863         1.51144823         0.8926614866           492         3529         3533         4         1.000138677         0.9027373685         0.931584596         0.617865863         1.511401708         0.8925193889           493         3533         3539         6         1.000207693         0.9022705441         0.931549342         0.6179648503         1.511401708         0.8925193889           494         3553         3541	485	3467	3469	2	1.000070752	0.9024849344	0.9313825002	0.6179632369	1.511728628	0.8927946245
488         3499         3511         12         1.000419557         0.9028988992         0.931779403         0.6176144316         1.511314663         0.8923977217           489         3511         3517         6         1.000209153         0.9027459109         0.9316102418         0.6178248354         1.511467651         0.8925668829           490         3517         3527         10         1.000347725         0.9026893768         0.9317526721         0.6178248354         1.5113424186         0.8924244526           491         3527         3529         2         1.000069402         0.902686739         0.931584596         0.617865863         1.51144873         0.892691866864           492         3529         3533         4         1.000138677         0.9027373685         0.931584596         0.6178262956         1.511401708         0.89259522687           493         3533         3541         2         1.000069138         0.9027050441         0.931584596         0.6178262956         1.511401708         0.8925193889           494         3539         3541         2         1.000069138         0.9027505441         0.9315819342         0.6179648503         1.511401708         0.8925193889           496         3547         3557	486	3469	3491	22	1.000775534	0.9031271794	0.9320434045	0.6172584547	1.511086383	0.8921337202
489         3511         3517         6         1.000209153         0.9027459109         0.9316102418         0.6178248354         1.511467651         0.8925668829           490         3517         3527         10         1.000347725         0.9028893768         0.9317526721         0.6176862642         1.511324186         0.8924244526           491         3527         3529         2         1.000069402         0.902688739         0.93151656381         0.6179645663         1.511540823         0.892614866           492         3529         3533         4         1.000138677         0.9027357685         0.931584596         0.617895311         1.511476194         0.8925925287           493         3533         3539         6         1.000267693         0.9027050441         0.931584932         0.6178262956         1.511401708         0.8925913889           494         3539         3541         2         1.000069138         0.9027050441         0.931674982         0.6178262956         1.511401708         0.89259139889           495         3541         3547         3557         10         1.000247167         0.9028357112         0.9316749182         0.6176895593         1.511138772         0.892592522065           496         3547	487	3491	3499	8	1.000280584	0.9027487815	0.9316320296	0.6177534051	1.511464781	0.8925450951
489         3511         3517         6         1.000209153         0.9027459109         0.9316102418         0.6178248354         1.511467651         0.8925668829           490         3517         3527         10         1.000347725         0.9028893768         0.9317526721         0.6176862642         1.511324186         0.8924244526           491         3527         3529         2         1.000069402         0.902688739         0.93151656381         0.6179645663         1.511540823         0.892614866           492         3529         3533         4         1.000138677         0.9027357685         0.931584596         0.617895311         1.511476194         0.8925925287           493         3533         3539         6         1.000267693         0.9027050441         0.931584932         0.6178262956         1.511401708         0.8925913889           494         3539         3541         2         1.000069138         0.9027050441         0.931674982         0.6178262956         1.511401708         0.89259139889           495         3541         3547         3557         10         1.000247167         0.9028357112         0.9316749182         0.6176895593         1.511138772         0.892592522065           496         3547	488	3499	3511	12	1.000419557	0.9028988992	0.931779403	0.6176144316	1.511314663	0.8923977217
490         3517         3527         10         1.000347725         0.9028893768         0.9317526721         0.6176862642         1.511324186         0.8924244526           491         3527         3529         2         1.000069402         0.902668739         0.9315156381         0.6179645863         1.511544823         0.8926614866           492         3529         3533         4         1.000138677         0.9027373685         0.931564596         0.6178963114         1.511476194         0.8925925287           493         3533         3539         6         1.000207693         0.90227150441         0.9315419342         0.6178626956         1.511401708         0.892593889           494         3539         3541         2         1.000069138         0.9027050441         0.9315419342         0.6179648503         1.511508518         0.89250351905           496         3547         3557         10         1.000344429         0.9029778185         0.9318159998         0.61796526227         1.51145434         0.8925012065           498         3559         3571         12         1.000441638         0.9030747904         0.9318049722         0.6179652427         1.51145434         0.8925959495           499         3571         3581	489			6						
491         3527         3529         2         1.000069402         0.902668739         0.9315156381         0.6179645863         1.511544823         0.8926614866           492         3529         3533         4         1.000138677         0.9027373685         0.931584596         0.6178953114         1.511476194         0.8925925287           493         3533         3539         6         1.000207693         0.9028118542         0.9316577358         0.6178262956         1.511401708         0.8925193889           494         3539         3541         2         1.000089138         0.9027050441         0.931674932         0.6178268218         1.511708518         0.8925939205065           495         3541         3547         6         1.000207167         0.902837112         0.9316749182         0.61786268218         1.511737851         0.89225022065           496         3547         3557         10         1.000344429         0.9027592222         0.93188159998         0.61786895593         1.511145344         0.8923611249           497         3557         3559         2         1.000048766         0.9027592222         0.9318811752         0.6178695593         1.511145344         0.8923611249           498         3557         3581	490	3517		10	1.000347725	0.9028893768	0.9317526721	0.6176862642		0.8924244526
492         3529         3533         4         1.000138677         0.9027373685         0.931584596         0.6178953114         1.511476194         0.8925925287           493         3533         3539         6         1.000207693         0.9028118542         0.9316577358         0.6178262956         1.511401708         0.8925193889           494         3539         3541         2         1.000069138         0.9027050441         0.9316419342         0.6179648503         1.511508518         0.8926351905           495         3541         3547         6         1.000207167         0.9028357112         0.9316749182         0.61789658281         1.511377544         0.8925022065           496         3557         3559         2         1.000068746         0.90277592222         0.9315811752         0.6179652427         1.51145434         0.8925959495           498         3559         3571         12         1.000411638         0.9030747904         0.9318049722         0.6176223506         1.511138772         0.892271525           499         3571         3581         10         1.000341836         0.9030479327         0.9318602067         0.6176921529         1.51116563         0.892310918           500         3581         3583										
493         3533         3539         6         1.000207693         0.9028118542         0.9316577358         0.6178262956         1.511401708         0.8925193889           494         3539         3541         2         1.000069138         0.9027050441         0.9315419342         0.6179648503         1.511508518         0.8926351905           495         3541         3547         6         1.000207167         0.9028357112         0.9316749182         0.6178268218         1.511377851         0.8925022065           496         3547         3557         10         1.000344429         0.9029778185         0.9318159998         0.6176895593         1.511235744         0.8923611249           497         3557         3559         2         1.000068746         0.9027592222         0.9315811752         0.6176895593         1.51143772         0.8925959495           498         3559         3571         12         1.000411638         0.9030747904         0.9319049722         0.6176223506         1.511138772         0.8922721525           499         3571         3581         10         1.000341836         0.9030479327         0.9318662067         0.6176921529         1.5111382619         0.8922340033           501         3581         3583										
494         3539         3541         2         1.000069138         0.9027050441         0.9315419342         0.6179648503         1.511508518         0.8926351905           495         3541         3547         6         1.000207167         0.9028357112         0.9316749182         0.6178268218         1.511377851         0.8925022065           496         3547         3557         10         1.000344429         0.9029778185         0.9318159998         0.6176895593         1.511235744         0.8923611249           497         3557         3559         2         1.000068746         0.90277592222         0.9315811752         0.6179652427         1.51145434         0.8925959495           498         3559         3571         12         1.000411638         0.9030747904         0.9319049722         0.6176223506         1.511138772         0.8922721525           499         3571         3581         10         1.000341836         0.9030479327         0.931862067         0.6176921529         1.511182661         0.892310918           500         3581         3583         2         1.000068229         0.9028309437         0.9318011605         0.6176934359         1.51130783         0.89224859642           501         3583         3593										
495         3541         3547         6         1.000207167         0.9028357112         0.9316749182         0.6178268218         1.511377851         0.8925022065           496         3547         3557         10         1.000344429         0.9029778185         0.9318159998         0.6176895593         1.511235744         0.8923611249           497         3557         3559         2         1.000068746         0.9027592222         0.9315811752         0.6179652427         1.51145434         0.8925959495           498         3559         3571         12         1.000411638         0.9030479327         0.9318049722         0.6176223506         1.511138772         0.8922721525           499         3571         3581         10         1.000341836         0.9030479327         0.9318662067         0.6176921529         1.51116563         0.892310918           500         3581         3583         2         1.000068229         0.9028309437         0.9316331214         0.6179657595         1.51130783         0.8922440033           501         3583         3593         10         1.000340553         0.9030827797         0.9318911605         0.6176934359         1.511130783         0.8922869642           502         3593         3607										
496         3547         3557         10         1.000344429         0.9029778185         0.9318159998         0.6176895593         1.511235744         0.8923611249           497         3557         3559         2         1.000068746         0.9027592222         0.9315811752         0.6179652427         1.51145434         0.8925959495           498         3559         3571         12         1.000411638         0.9030747904         0.9319049722         0.6176223506         1.511138772         0.8922721525           499         3571         3581         10         1.000341836         0.9030479327         0.9318662067         0.6176921529         1.51116563         0.892310918           500         3581         3583         2         1.000068229         0.9028309437         0.9316331214         0.6176921529         1.5111382619         0.8925440033           501         3583         3593         10         1.000340553         0.9030827797         0.9318911605         0.6176934359         1.511130783         0.8922859642           502         3593         3607         14         1.000475023         0.9032340723         0.9320381412         0.6175589654         1.51097949         0.8921389835           503         3607         3613										
497         3557         3559         2         1.000068746         0.9027592222         0.9315811752         0.6179652427         1.51145434         0.8925959495           498         3559         3571         12         1.000411638         0.9030747904         0.9319049722         0.6176223506         1.511138772         0.8922721525           499         3571         3581         10         1.000341836         0.9030479327         0.9318662067         0.6176921529         1.51116563         0.892310918           500         3581         3583         2         1.000068229         0.9028309437         0.931831214         0.6179657595         1.511382619         0.892310918           501         3583         3593         10         1.000340553         0.9030827797         0.9318911605         0.6176934359         1.511130783         0.8922859642           502         3593         3607         14         1.000475023         0.9032340723         0.9320381412         0.6175589654         1.51097949         0.8921389835           503         3607         3613         6         1.000202921         0.9030300897         0.9318149155         0.6178310679         1.51118473         0.8923622092           504         3613         3617										
498         3559         3571         12         1.000411638         0.9030747904         0.9319049722         0.6176223506         1.511138772         0.8922721525           499         3571         3581         10         1.000341836         0.9030479327         0.9318662067         0.6176921529         1.51116563         0.892310918           500         3581         3583         2         1.000068229         0.9028309437         0.9316331214         0.6179657595         1.511382619         0.8925440033           501         3583         3593         10         1.000340553         0.9030827797         0.9318911605         0.6176934359         1.511130783         0.8922859642           502         3593         3607         14         1.000475023         0.9032340723         0.9320381412         0.6175589654         1.51097949         0.8921389835           503         3607         3613         6         1.000202921         0.9030300897         0.9318149155         0.6178310679         1.511183473         0.8923622092           504         3613         3617         4         1.000135066         0.9029866254         0.9317646254         0.6178316968         1.511154395         0.8923412693           505         3617         3623										
499         3571         3581         10         1.000341836         0.9030479327         0.9318662067         0.6176921529         1.51116563         0.892310918           500         3581         3583         2         1.000068229         0.9028309437         0.9316331214         0.6179657595         1.511382619         0.8925440033           501         3583         3593         10         1.000340553         0.9030827797         0.9318911605         0.6176934359         1.511130783         0.8922859642           502         3593         3607         14         1.000475023         0.9032340723         0.9320381412         0.6175589654         1.51097949         0.8921389835           503         3607         3613         6         1.000202921         0.9030300897         0.9318149155         0.6178310679         1.511183473         0.8923622092           504         3613         3617         4         1.000135066         0.9029866254         0.9317646254         0.6178316968         1.511126937         0.8924124993           505         3617         3623         6         1.000202922         0.9030591676         0.9318358584         0.6178316968         1.511154395         0.8923412663           506         3623         3631										
500         3581         3583         2         1.000068229         0.9028309437         0.9316331214         0.6179657595         1.511382619         0.8925440033           501         3583         3593         10         1.000340553         0.9030827797         0.9318911605         0.6176934359         1.511130783         0.8922859642           502         3593         3607         14         1.000475023         0.9032340723         0.9320381412         0.6175589654         1.51097949         0.8921389835           503         3607         3613         6         1.000202921         0.9030300897         0.9318149155         0.6178310679         1.511183473         0.8923622092           504         3613         3617         4         1.000135066         0.9029866254         0.9317646254         0.6178310679         1.511226937         0.8924124993           505         3617         3623         6         1.000202292         0.9030591676         0.9318358584         0.6178316968         1.511154395         0.8923412663           506         3623         3631         8         1.000269148         0.9031372706         0.9319110274         0.6177648411         1.51117848         0.892312063           507         3631         3637										
501         3583         3593         10         1.000340553         0.9030827797         0.9318911605         0.6176934359         1.511130783         0.8922859642           502         3593         3607         14         1.000475023         0.9032340723         0.9320381412         0.6175589654         1.51097949         0.8921389835           503         3607         3613         6         1.000202921         0.9030300897         0.9318149155         0.6178310679         1.511183473         0.8923622092           504         3613         3617         4         1.000135066         0.9029866254         0.9317646254         0.6178989227         1.511126937         0.8924124993           505         3617         3623         6         1.000202292         0.9030591676         0.9318358584         0.6178316968         1.511154395         0.8923412663           506         3623         3631         8         1.000269148         0.9031372706         0.9319110274         0.6177648411         1.511176292         0.8922660973           507         3631         3637         6         1.000201418         0.9030997145         0.9318650617         0.6178329436         1.51113848         0.892312063           508         3637         3643										
502         3593         3607         14         1.000475023         0.9032340723         0.9320381412         0.6175589654         1.51097949         0.8921389835           503         3607         3613         6         1.000202921         0.9030300897         0.9318149155         0.6178310679         1.511183473         0.8923622092           504         3613         3617         4         1.000135066         0.9029866254         0.9317646254         0.6178989227         1.511226937         0.8924124993           505         3617         3623         6         1.000202292         0.9030591676         0.9318358584         0.6178316968         1.511154395         0.8923412663           506         3623         3631         8         1.000269148         0.9031372706         0.9319110274         0.6177648411         1.511076292         0.8922660973           507         3631         3637         6         1.000201418         0.9030997145         0.9318650617         0.6178325711         1.511113848         0.892312063           508         3637         3643         6         1.000201445         0.9031170342         0.931877536         0.6178329436         1.511096528         0.8922995887           509         3643         3659										
503         3607         3613         6         1.000202921         0.9030300897         0.9318149155         0.6178310679         1.511183473         0.8923622092           504         3613         3617         4         1.000135066         0.9029866254         0.9317646254         0.6178989227         1.511226937         0.8924124993           505         3617         3623         6         1.000202292         0.9030591676         0.9318358584         0.6178316968         1.511154395         0.8923412663           506         3623         3631         8         1.000269148         0.9031372706         0.9319110274         0.6177648411         1.511076292         0.8922660973           507         3631         3637         6         1.000201418         0.9030997145         0.9318650617         0.6178325711         1.511113848         0.892312063           508         3637         3643         6         1.000201045         0.9031170342         0.931877536         0.6178329436         1.511096528         0.8922995887           509         3643         3659         16         1.000534398         0.9034356571         0.9322009176         0.6174995903         1.510777905         0.8919762071										
504         3613         3617         4         1.000135066         0.9029866254         0.9317646254         0.6178989227         1.511226937         0.8924124993           505         3617         3623         6         1.000202292         0.9030591676         0.9318358584         0.6178316968         1.511154395         0.8923412663           506         3623         3631         8         1.000269148         0.9031372706         0.9319110274         0.6177648411         1.511076292         0.8922660973           507         3631         3637         6         1.000201418         0.9030997145         0.9318650617         0.6178325711         1.511113848         0.892312063           508         3637         3643         6         1.000201045         0.9031170342         0.931877536         0.6178329436         1.511096528         0.8922995887           509         3643         3659         16         1.000534398         0.9034356571         0.9322009176         0.6174995903         1.510777905         0.8919762071										
505         3617         3623         6         1.000202292         0.9030591676         0.9318358584         0.6178316968         1.511154395         0.8923412663           506         3623         3631         8         1.000269148         0.9031372706         0.9319110274         0.6177648411         1.511076292         0.8922660973           507         3631         3637         6         1.000201418         0.9030997145         0.9318650617         0.6178325711         1.511113848         0.892312063           508         3637         3643         6         1.000201045         0.9031170342         0.931877536         0.6178329436         1.511096528         0.8922995887           509         3643         3659         16         1.000534398         0.9034356571         0.9322009176         0.6174995903         1.510777905         0.8919762071										
506         3623         3631         8         1.000269148         0.9031372706         0.9319110274         0.6177648411         1.511076292         0.8922660973           507         3631         3637         6         1.000201418         0.9030997145         0.9318650617         0.6178325711         1.511113848         0.892312063           508         3637         3643         6         1.000201045         0.9031170342         0.931877536         0.6178329436         1.511096528         0.8922995887           509         3643         3659         16         1.000534398         0.9034356571         0.9322009176         0.6174995903         1.510777905         0.8919762071										
507         3631         3637         6         1.000201418         0.9030997145         0.9318650617         0.6178325711         1.511113848         0.892312063           508         3637         3643         6         1.000201045         0.9031170342         0.931877536         0.6178329436         1.511096528         0.8922995887           509         3643         3659         16         1.000534398         0.9034356571         0.9322009176         0.6174995903         1.510777905         0.8919762071										
508     3637     3643     6     1.000201045     0.9031170342     0.931877536     0.6178329436     1.511096528     0.8922995887       509     3643     3659     16     1.000534398     0.9034356571     0.9322009176     0.6174995903     1.510777905     0.8919762071								0.6177648411		
509 3643 3659 16 1.000534398 0.9034356571 0.9322009176 0.6174995903 1.510777905 0.8919762071	507		3637	6	1.000201418	0.9030997145	0.9318650617	0.6178325711	1.511113848	0.892312063
	508	3637	3643	6	1.000201045	0.9031170342	0.931877536	0.6178329436	1.511096528	0.8922995887
510         3659         3671         12         1.000399054         0.9033602725         0.9321088188         0.6176349345         1.51085329         0.8920683059	509	3643	3659	16	1.000534398	0.9034356571	0.9322009176	0.6174995903	1.510777905	0.8919762071
	510	3659	3671	12	1.000399054	0.9033602725	0.9321088188	0.6176349345	1.51085329	0.8920683059

511	3671	3673	2	1.000066356	0.903094789	0.9318242046	0.617967633	1.511118773	0.8923529201
512	3673	3677	4	1.000132594	0.9031604155	0.9318901425	0.6179013944	1.511053147	0.8922869822
513	3677	3691	14	1.000462886	0.9034702956	0.9322063297	0.6175711032	1.510743267	0.891970795
514	3691	3697	6	1.000197751	0.9032713812	0.9319887027	0.617836238	1.510942181	0.892188422
515	3697	3701	4	1.00013163	0.9032289732	0.9319396561	0.6179023592	1.510984589	0.8922374686
516	3701	3709	8	1.000262798	0.9033589526	0.9320702455	0.6177711904	1.51085461	0.8921068792
517	3709	3719	10	1.000327616	0.9034404857	0.9321473402	0.6177063729	1.510773077	0.8920297845
518	3719	3727	8	1.000261373	0.9034093163	0.9321064195	0.6177726154	1.510804246	0.8920707052
519	3727	3733	6	1.000195611	0.903372778	0.9320617329	0.6178383778	1.510840784	0.8921153918
520	3733	3739	6	1.000195259	0.9033895629	0.9320738222	0.6178387301	1.510823999	0.8921033025
521	3739	3761	22	1.000713138	0.903874397	0.9325688294	0.6173208506	1.510339165	0.8916082953
522	3761	3767	6	1.00019363	0.9034674657	0.9321299313	0.6178403585	1.510746097	0.8920471934
523	3767	3769	2	1.000064462	0.9033677021	0.9320218319	0.6179695264	1.51084586	0.8921552928
524	3769	3779	10	1.000321779	0.9036057704	0.9322657297	0.6177122098	1.510607792	0.891911395
525	3779	3793	14	1.000448919	0.9037487251	0.932404625	0.6175850702	1.510464837	0.8917724997
526	3793	3797	4	1.000127901	0.9034979219	0.9321338886	0.617906088	1.51071564	0.8920432361
527	3797	3803	6	1.000191574	0.9035666077	0.9322013379	0.6178424146	1.510646955	0.8919757868
528	3803	3821	18	1.000572804	0.9039277348	0.9325687955	0.6174611843	1.510285828	0.8916083292
529	3821	3823	2	1.000063442	0.9035175318	0.9321303196	0.6179705468	1.510696031	0.8920468051
530	3823	3833	10	1.000316693	0.9037518686	0.9323703851	0.6177172961	1.510461694	0.8918067396
531	3833	3847	14	1.000441845	0.9038925638	0.9325070891	0.6175921442	1.510320999	0.8916700356
532	3847	3851	4	1.00012589	0.9036456165	0.9322405477	0.6179080984	1.510567946	0.891936577
533	3851	3853	2	1.000062888	0.9035996644	0.9321897866	0.6179711005	1.510613898	0.8919873381
534	3853	3863	10	1.000313933	0.9038319761	0.9324277723	0.6177200562	1.510381586	0.8917493524
535	3863	3877	14	1.000438006	0.903971445	0.9325632871	0.6175959832	1.510242117	0.8916138376
536	3877	3881	4	1.000124799	0.9037265911	0.9322990228	0.6179091895	1.510486971	0.8918781019
537	3881	3889	8	1.000249182	0.9038498561	0.9324228609	0.6177848067	1.510363706	0.8917542638
538 539	3889 3907	3907	18	1.000558651	0.904151208	0.9327271016	0.6174753373	1.510062354	0.8914500231
540	3907	3911 3917	6	1.000123726	0.9038068123	0.9323569529 0.9324221978	0.6179102627	1.51040675	0.8918201718
	3917		2	1.000185329	0.9038732514		0.6178486596	1.510340311	0.8917549269
541 542		3919	4	1.000061702	0.9037776547	0.9323186506	0.6179722869	1.510435908	0.8918584741
543	3919 3923	3923 3929	6	1.000123302 1.000184694	0.9038386928 0.9039049035	0.9323799745 0.9324449952	0.617910687 0.6178492945	1.51037487 1.510308659	0.8917971502 0.8917321295
544	3923	3929	2	1.000164694	0.9039049033	0.9324449932	0.617972498	1.510308039	0.8918353284
545	3929	3943	12	1.000368266	0.9038090257	0.9325417903	0.6176657228	1.510403937	0.8915454435
546	3943	3947	4	1.000300200	0.9039021014	0.9324257626	0.6179115275	1.510311461	0.8917513621
547	3943	3947	20	1.000122401	0.9039021014	0.9324237020	0.617423613	1.509859834	0.8917313021
548	3947	3989	22	1.000610370	0.904458397	0.9329801238	0.617366527	1.509755165	0.8911970009
549	3989	4001	12	1.000362278	0.9042405446	0.9329001230	0.6176717104	1.509973018	0.8914394573
550	4001	4003	2	1.000362276	0.9039989963	0.9324788865	0.6179737365	1.510214566	0.8916982382
551	4003	4007	4	1.000120407	0.9040586048	0.9325387729	0.6179135818	1.510154958	0.8916383518
552	4007	4013	6	1.000120107	0.9041232575	0.932602265	0.6178536252	1.510090305	0.8915748597
553	4013	4019	6	1.000180062	0.9041386433	0.9326133467	0.6178539271	1.510074919	0.891563778
554	4019	4021	2	1.00005995	0.9040456937	0.9325126902	0.6179740387	1.510167869	0.8916644345
555	4021	4027	6	1.000179661	0.9041591148	0.9326280912	0.6178543282	1.510054448	0.8915490335
556	4027	4049	22	1.000656355	0.9046056447	0.9330839101	0.6173776339	1.509607918	0.8910932146
557	4049	4051	2	1.000059453	0.904122962	0.9325686221	0.6179745361	1.5100906	0.8916085026
558	4051	4057	6	1.000178171	0.9042354488	0.9326830709	0.6178558173	1.509978114	0.8914940538
559	4057	4073	16	1.000473754	0.9045181342	0.9329699225	0.6175602345	1.509695428	0.8912072022
560	4073	4079	6	1.000177094	0.9042909966	0.9327230792	0.6178568945	1.509922566	0.8914540455
561	4079	4091	12	1.000353346	0.9044657042	0.9328985842	0.6176806429	1.509747858	0.8912785405
562	4091	4093	2	1.000058769	0.9042299791	0.9326460851	0.6179752193	1.509983583	0.8915310396
563	4093	4099	6	1.000176126	0.9043411825	0.9327592256	0.617857863	1.50987238	0.8914178991
564	4099	4111	12	1.000351418	0.90451494	0.9329337755	0.6176825712	1.509698622	0.8912433492
565	4111	4127	16	1.0004668	0.9046497148	0.9330634726	0.6175671884	1.509563848	0.8911136521
566	4127	4129	2	1.000058196	0.9043206533	0.9327117156	0.6179757932	1.509892909	0.8914654091
567	4129	4133	4	1.0001163	0.9043782333	0.9327695624	0.6179176888	1.509835329	0.8914075623
568	4133	4139	6	1.000174219	0.9044406758	0.9328308856	0.61785977	1.509772887	0.8913462391
569	4139	4153	14	1.00040546	0.9046648662	0.9330574999	0.6176285292	1.509548696	0.8911196248
570	4153	4157	4	1.000115548	0.9044377803	0.9328125566	0.6179184411	1.509775782	0.8913645681
571	4157	4159	2	1.000057725	0.9043954859	0.9327658778	0.6179762633	1.509818077	0.8914112469
572	4159	4177	18	1.000518254	0.9048169575	0.9331990426	0.6175157349	1.509396605	0.8909780821
			-						
573	4177	4201	24	1.000687186	0.9050145708	0.9333891388	0.6173468031	1.509198992	0.8907879859

575	4211	4217	6	1.000170611	0.9046314005	0.9329682546	0.6178633779	1.509582162	0.8912088701
576	4217	4219	2	1.000056807	0.9045432062 0.9047532599	0.9328727891	0.6179771821	1.509670356	0.8913043356
577	4219	4229	10	1.000283614		0.9330879201	0.6177503749	1.509460302	0.8910892046
578	4229	4231	2	1.000056626	0.9045724447	0.9328939494	0.6179773625	1.509641118	0.8912831753
579	4231	4241	10	1.000282714	0.9047818376	0.933108402	0.6177512745	1.509431725	0.8910687227
580	4241	4243	2	1.000056447	0.9046015828	0.9329150368	0.6179775419	1.50961198	0.8912620879
581	4243	4253	10	1.00028182	0.9048103189	0.933128815	0.6177521687	1.509403243	0.8910483097
582	4253	4259	6	1.000168727	0.9047323484	0.9330409619	0.6178652622	1.509481214	0.8911361628
583	4259	4261	2	1.00005618	0.9046451033	0.9329465321	0.6179778089	1.509568459	0.8912305926
584	4261	4271	10	1.000280489	0.9048528614	0.9331593064	0.6177535	1.509360701	0.8910178183
585	4271	4273	2	1.000056003	0.9046739933	0.9329674392	0.6179779855	1.509539569	0.8912096855
586	4273	4283	10	1.000279608	0.9048811043	0.9331795492	0.6177543809	1.509332458	0.8909975755
587	4283	4289	6	1.000167405	0.9048037236	0.9330923694	0.617866584	1.509409839	0.8910847553
588	4289	4297	8	1.000222805	0.9048682824	0.9331545289	0.6178111837	1.50934528	0.8910225958
589	4297	4327	30	1.000831655	0.9054383169	0.9337365005	0.6172023334	1.508775245	0.8904406242
590	4327	4337	10	1.000275708	0.9050070383	0.9332698138	0.6177582804	1.509206524	0.8909073109
591	4337	4339	2	1.00005505	0.9048311497	0.9330811653	0.6179789386	1.509382413	0.8910959594
592	4339	4349	10	1.000274856	0.9050347695	0.9332896911	0.617759133	1.509178793	0.8908874336
593	4349	4357	8	1.00021937	0.9050082441	0.9332550937	0.6178146191	1.509205318	0.890922031
594	4357	4363	6	1.000164227	0.904977244	0.9332173457	0.6178697617	1.509236318	0.890959779
595	4363	4373	10	1.000273166	0.9050899587	0.9333292505	0.6177608231	1.509123604	0.8908478742
596	4373	4391	18	1.000489994	0.9053096801	0.9335486297	0.6175439948	1.508903882	0.890628495
597	4391	4397	6	1.000162805	0.9050557866	0.933273915	0.6178711835	1.509157776	0.8909032097
598	4397	4409	12	1.000324892	0.9052164722	0.9334353235	0.6177090965	1.50899709	0.8907418012
599	4409	4421	12	1.000323904	0.9052435317	0.9334546739	0.6177100848	1.508970031	0.8907224508
600	4421	4423	2	1.000053881	0.9050270283	0.9332229012	0.6179801077	1.509186534	0.8909542235
601	4423	4441	18	1.00048381	0.90542074	0.9336274605	0.6175501789	1.508792822	0.8905496642
602	4441	4447	6	1.000160757	0.9051699729	0.9333561558	0.6178732322	1.509043589	0.8908209689
603	4447	4451	4	1.000107033	0.9051351695	0.933316041	0.6179269554	1.509078393	0.8908610837
604	4451	4457	6	1.000160353	0.9051926249	0.9333724705	0.6178736361	1.509020937	0.8908046542
605	4457	4463	6	1.000160111	0.9052061868	0.9333822382	0.6178738775	1.509007376	0.8907948865
606	4463	4481	18	1.000478969	0.9055085346	0.9336897862	0.61755502	1.508705028	0.8904873385
607	4481	4483	2	1.000053075	0.9051642029	0.9333221518	0.6179809142	1.509049359	0.8908549729
608	4483	4493	10	1.000265004	0.9053605827	0.9335232456	0.6177689849	1.50885298	0.8906538791
609	4493	4507	14	1.000369918	0.9054783035	0.9336376639	0.6176640706	1.508735259	0.8905394608
610	4507	4513	6	1.000158126	0.9053183566	0.933463026	0.6178758625	1.508895206	0.8907140987
611	4513	4517	4	1.000105284	0.9052840971	0.9334235486	0.6179287047	1.508929465	0.8907535761
612	4517	4519	2	1.000052602	0.9052454448	0.9333809301	0.6179813872	1.508968118	0.8907961946
613	4519	4523	4	1.000105128	0.9052975056	0.9334332278	0.617928861	1.508916057	0.8907438969
614	4523	4547	24	1.000628755	0.9057805199	0.9339284917	0.6174052341	1.508433043	0.890248633
615	4547	4549	2	1.000052214	0.9053125499	0.9334294789	0.6179817752	1.508901012	0.8907476458
616	4549	4561	12	1.000312783	0.9055529138	0.9336759374	0.6177212053	1.508660649	0.8905011873
617	4561	4567	6	1.000156034	0.9054378335	0.9335490761	0.6178779543	1.508775729	0.8906280486
618	4567	4583	16	1.000415027	0.9056856798	0.9338005226	0.6176189618	1.508527883	0.8903766021
619	4583	4591	8	1.000206885	0.9055328181	0.9336320303	0.6178271042	1.508680744	0.8905450944
620	4591	4597	6	1.000154895	0.9055034779	0.9335963546	0.6178790938	1.508710084	0.8905807701
621	4597	4603	6	1.000154669	0.905516545	0.9336057657	0.6178793198	1.508697017	0.890571359
622	4603	4621	18	1.000462729	0.9058087097	0.9339029372	0.6175712602	1.508404853	0.8902741875
623	4621	4637	16	1.000409614	0.9058002569	0.9338820925	0.6176243747	1.508413305	0.8902950322
624	4637	4639	2	1.000051081	0.9055106937	0.933572822	0.6179829073	1.508702869	0.8906043027
625	4639	4643	4	1.000102092	0.9055612544	0.9336236113	0.6179318971	1.508652308	0.8905535134
626	4643	4649	6	1.000152957	0.9056160505	0.9336774311	0.6178810318	1.508597512	0.8904996936
627	4649	4651	2	1.000050934	0.9055367611	0.9335916789	0.6179830547	1.508676801	0.8905854458
628	4651	4657	6	1.000152663	0.9056332349	0.9336898076	0.6178813258	1.508580327	0.8904873171
629	4657	4663	6	1.000152443	0.9056461	0.9336990731	0.6178815456	1.508567462	0.8904780516
630	4663	4673	10	1.000253598	0.9057507415	0.9338029637	0.6177803909	1.508462821	0.890374161
631	4673	4679	6	1.00015186	0.9056803098	0.9337237114	0.6178821289	1.508533253	0.8904534133
632	4679	4691	12	1.00030309	0.905830247	0.9338743153	0.6177308985	1.508383315	0.8903028094
633	4691	4703	12	1.000302224	0.9058553852	0.9338922984	0.6177317644	1.508358177	0.8902848263
634	4703	4721	18	1.000451757	0.9060166452	0.9340506394	0.6175822316	1.508196917	0.8901264853
635	4721	4723	2	1.000050066	0.9056914744	0.9337035924	0.6179839225	1.508522088	0.8904735323
636	4723	4729	6	1.000150064	0.9057863158	0.9338000576	0.6178839246	1.508427247	0.8903770671
030									
637	4729	4733	4	1.000099922	0.9057537267	0.9337625364	0.6179340667	1.508459836	0.8904145883

			-						
639	4751	4759	8	1.000198726	0.9058900611	0.9338887473	0.6178352623	1.508323501	0.8902883774
640	4759	4783	24	1.000594063	0.9062650995	0.9342701808	0.6174399257	1.507948463	0.8899069439
641	4783	4787	4	1.000098662	0.9058671036	0.9338443676	0.6179353267	1.508346459	0.8903327571
642	4787	4789	2	1.000049295	0.9058308082	0.9338043741	0.6179846935	1.508382754	0.8903727506
643	4789	4793		1.000098524	0.9058796058		0.6179354649	1.508333957	0.8903237337
644	4793	4799	6	1.000147617	0.905932482	0.9339053266	0.6178863716	1.50828108	0.8902717981
645	4799	4801	2	1.000049157	0.905855892	0.9338225168	0.6179848313	1.50835767	0.8903546079
646	4801	4813	12	1.000294501	0.9060823219	0.9340546534	0.6177394878	1.50813124	0.8901224713
647	4813	4817	4	1.000097975	0.9059294264	0.9338893487	0.6179360138	1.508284136	0.890287776
648	4817	4831	14	1.000342239	0.9061590497	0.9341235005	0.6176917494	1.508054513	0.8900536242
649	4831	4861	30	1.000729793	0.9065393153	0.9345065633	0.617304196	1.507674247	0.8896705614
650	4861	4871	10	1.000242087	0.9061597115	0.9340962098	0.6177919017	1.508053851	0.8900809149
651	4871	4877	6	1.000144979	0.9060923644	0.9340204725	0.6178890101	1.508121198	0.8901566522
652	4877	4889	12	1.000289381	0.9062355408	0.9341642807	0.6177446077	1.507978022	0.890012844
653	4889	4903	14	1.000336617	0.9063029887	0.9342262609	0.6176973713	1.507910574	0.8899508638
654	4903	4909	6	1.000143922	0.9061570706	0.934067073	0.6178900667	1.508056492	0.8901100517
655	4909	4919	10	1.000239445	0.9062558723	0.9341651664	0.6177945436	1.50795769	0.8900119583
656	4919	4931	12	1.000286624	0.906319004	0.934224002	0.6177473649	1.507894558	0.8899531227
657	4931	4933	2	1.000047689	0.906126906	0.934018523	0.6179862996	1.508086656	0.8901586017
658	4933	4937	4	1.000095316	0.9061741181	0.934065946	0.617938673	1.508039444	0.8901111787
659	4937	4943	6	1.000142815	0.906225268	0.9341161874	0.6178911734	1.507988294	0.8900609373
660	4943	4951	8	1.000190124	0.9062802864	0.9341691791	0.6178438649	1.507933276	0.8900079456
661	4951	4957	6	1.000142364	0.9062531857	0.9341362931	0.6178916244	1.507960377	0.8900408316
662	4957	4967	10	1.000236858	0.9063509197	0.9342333266	0.617797131	1.507862643	0.8899437981
663	4967	4969	2	1.000047303	0.9061992995	0.9340708761	0.6179866856	1.508014263	0.8901062486
664	4969	4973	4	1.000094545	0.9062461305	0.934117916	0.6179394441	1.507967432	0.8900592087
665	4973	4987	14	1.000330277	0.9064677835	0.9343439243	0.6177037115	1.507745779	0.8898332004
666	4987	4993	6	1.000141217	0.9063245412	0.9341876814	0.6178927717	1.507889021	0.8899894433
667	4993	4999	6	1.000141028	0.9063363736	0.9341962028	0.6178929612	1.507877189	0.8899809219
668	4999	5003	4	1.000093911	0.9063056625	0.9341608783	0.6179400777	1.5079079	0.8900162464
669	5003	5009	6	1.000140713	0.9063560566	0.9342103779	0.617893276	1.507857506	0.8899667468
670	5009	5011	2	1.00004686	0.9062829613	0.9341313759	0.6179871286	1.507930601	0.8900457488
671	5011	5021	10	1.00023401	0.9064565463	0.9343090757	0.6177999789	1.507757016	0.889868049
672	5021	5023	2	1.000046735	0.9063067091	0.9341485486	0.6179872537	1.507906853	0.8900285761
673	5023	5039	16	1.000373195	0.9066065393	0.9344563738	0.617660794	1.507607023	0.8897207509
674	5039	5051	12	1.000279015	0.9065528868	0.9343913686	0.6177549736	1.507660676	0.8897857561
675	5051	5059	8	1.00018559	0.9064919083	0.9343212642	0.6178483985	1.507721654	0.8898558605
676	5059	5077	18	1.00041643	0.9067168846	0.9345483222	0.6176175587	1.507496678	0.8896288025
677	5077	5081	4	1.000092301	0.9064584536	0.9342711393	0.6179416877	1.507755109	0.8899059854
678	5081	5087	6	1.000138303	0.9065079814	0.9343197886	0.6178956861	1.507705581	0.8898573361
679	5087	5099	12	1.000276078	0.9066445962	0.9344570014	0.6177579103	1.507568966	0.8897201233
680	5099	5101	2	1.000045937	0.9064594161	0.9342589709	0.6179880515	1.507754146	0.8899181538
681	5101	5107	6	1.000137697	0.9065464861	0.9343475181	0.6178962914	1.507667076	0.8898296066
682	5107	5113	6	1.000137517	0.9065580023	0.9343558114	0.617896472	1.50765556	0.8898213133
683	5113	5119	6	1.000137337	0.9065695022	0.9343640931	0.6178966522	1.50764406	0.8898130316
684	5119	5147	28	1.000638695	0.9070356086	0.9348409225	0.6173952936	1.507177954	0.8893362022
685	5147	5153	6	1.000136324	0.9066343639	0.9344108034	0.6178976647	1.507579198	0.8897663213
686	5153	5167	14	1.00031743	0.9068100939	0.9345883792	0.6177165588	1.507403468	0.8895887455
687	5167	5171	4	1.000090508	0.9066312773	0.9343958507	0.6179434812	1.507582285	0.889781274
688	5171	5179	8	1.000180789	0.9067207901	0.9344857569	0.6178531998	1.507492772	0.8896913678
689	5179	5189	10	1.000225553	0.9067766872	0.9345386763	0.6178084357	1.507436875	0.8896384484
690	5189	5197	8	1.000180089	0.9067545745	0.9345100374	0.6178538996	1.507458988	0.8896670873
691	5197	5209	12	1.000269566	0.9068509457	0.9346046884	0.6177644227	1.507362617	0.8895724363
692	5209	5227	18	1.000403078	0.9069948168	0.934745973	0.6176309105	1.507218746	0.8894311517
693	5227	5231	4	1.000089348	0.9067444923	0.9344775445	0.6179446403	1.50746907	0.8896995802
694	5231	5233	2	1.000044645	0.9067115218	0.9344412505	0.6179893442	1.507502041	0.8897358742
695	5233	5237	4	1.000089234	0.9067557277	0.9344856516	0.6179447547	1.507457835	0.8896914731
696	5237	5261	24	1.000533929	0.9071664759	0.934906648	0.6175000593	1.507047086	0.8892704767
697	5261	5273	12	1.00026591	0.9069686331	0.9346889255	0.6177680787	1.507244929	0.8894881992
698	5273	5279	6	1.000132693	0.9068703277	0.9345807301	0.6179012958	1.507343235	0.8895963946
699	5279	5281	2	1.000044192	0.9068012981	0.9345061559	0.6179897972	1.507412264	0.8896709688
700	5281	5297	16	1.000352916	0.9070849746	0.934797355	0.6176810729	1.507128588	0.8893797697
701	5297	5303	6	1.000132022	0.9069145066	0.9346125445	0.6179019667	1.507299056	0.8895645802
701									

700	5000	5000	4.4	4 000007040	0.0070055004	0.0047000505	0.0477000450	4 507440040	0.0000.4000
703	5309	5323	14	1.000307043	0.9070955204	0.9347922565	0.6177269453	1.507118042	0.8893848682
704	5323	5333	10	1.000218756	0.907041403	0.9347285424	0.6178152332	1.507172159	0.8894485823
705	5333	5347	14	1.000305503	0.9071385514	0.9348229965	0.6177284859	1.507075011	0.8893541282
706 707	5347 5351	5351 5381	4	1.000087113	0.906966301	0.9346375891	0.6179468757	1.507247261	0.8895395356
707	5381	5387	30 6	1.000651223 1.000129724	0.9074852451 0.9070672629	0.9351701122 0.9347225472	0.6173827662 0.6179042645	1.506728317 1.507146299	0.8890070125 0.8894545775
709	5387	5393	6	1.000129724		0.9347223472	0.6179042045		0.8894467991
709	5393	5393	6	1.000129503	0.9070780645		0.6179044257	1.507135498	0.8894390311
710	5399		8	1.000129402	0.9070888517	0.9347380936 0.9347860856	0.6178616983	1.507124711	
711	5407	5407	6		0.9071386689 0.9071139659			1.507074893 1.507099596	0.8893910391
712	5413	5413 5417	4	1.000129028 1.000085928		0.9347561786 0.9347237781	0.6179049603 0.6179480603	1.507099596	0.8894209461 0.8894533466
			2		0.907085758		0.6179460603		
714	5417	5419		1.000042937	0.9070540116	0.9346888449		1.507159551	0.8894882798
715 716	5419	5431	12 6	1.000257277	0.9072520435	0.934891801	0.6177767117 0.6179055963	1.506961519	0.8892853237
717	5431 5437	5437 5441	4	1.000128392 1.000085505	0.9071568381	0.9347870511 0.9347548058		1.507056724	0.8893900736
717	5441	5443	2		0.9071287632		0.6179484835	1.507084799	0.8894223189
				1.000042725	0.9070971683 0.9071781891	0.9347200411	0.6179912633	1.507116394	0.8894570836
719	5443	5449	6	1.000128077		0.934802426	0.6179059121	1.507035373	0.8893746987
720 721	5449 5471	5471	22 6	1.000468351	0.9074976396	0.9351282963	0.617565638	1.506715923 1.506985773	0.8890488284
		5477	2	1.000127346	0.9072277894	0.9348381431	0.6179066432		0.8893389816
722 723	5477 5479	5479 5483	4	1.000042412 1.000084774	0.9071614745	0.9347665241 0.9348087089	0.6179915766 0.6179492145	1.507052088	0.8894106006 0.8893684158
724	5483	5501	18	1.000380688	0.9072034755 0.907479051	0.9340067069	0.6176533008	1.507010087	0.8890866429
								1.506734511	
725 726	5501	5503	2	1.000042206	0.9072040625	0.9347973076 0.9348392875	0.6179917831	1.5070095	0.8893798171
	5503	5507	4	1.000084362	0.9072458597		0.617949627	1.506967703	0.8893378372
727 728	5507	5519	12	1.000252697 1.000042052	0.9074056738	0.935001786	0.6177812919	1.506807889	0.8891753387
729	5519	5521	6		0.9072358567	0.9348202887	0.6179919367	1.506977706	0.889356836
	5521	5527	4	1.00012606	0.9073156089	0.9349013813	0.6179079291	1.506897954	0.8892757434
730 731	5527 5531	5531	26	1.000083953	0.9072880221	0.9348697056	0.6179500356	1.50692554	0.8893074191
731	5557	5557 5563	6	1.000544175 1.000125149	0.9077126107	0.9353050364 0.9349464888	0.6174898142 0.6179088397	1.506500952	0.8888720883 0.8892306359
733	5563		6		0.9073782506			1.506835312	
734	5569	5569 5573	4	1.000124998 1.000083247	0.9073886436	0.9349539726	0.6179089903 0.6179507416	1.506824919	0.8892231521
735	5573	5581	8	1.000166301	0.9073612791 0.9074436362	0.9349225561 0.9350052699	0.6179507416	1.506852283 1.506769926	0.8892545686 0.8891718548
		5591	10	1.000100301					
736 737	5581 5591	5623	32	1.000207507	0.9074950109	0.9350539204	0.6178264815	1.506718552	0.8891232043 0.8886862352
738			16		0.9079242911	0.9354908895	0.6173725883	1.506289271	
739	5623 5639	5639 5641	2	1.000329072	0.907678362	0.9352204634	0.6177049163	1.5065352 1.506768893	0.8889566613
740	5641	5647	6	1.000041055 1.000123072	0.9074446694 0.9075225423	0.9349712111 0.9350503896	0.6179929339 0.6179109165	1.50669102	0.8892059136 0.8891267351
741	5647	5651	4	1.000123072	0.9073225423	0.9350303690	0.6179109103	1.506717981	0.8891576809
741	5651	5653	2	1.000040958	0.9074955615	0.9330194438	0.6179930311	1.5067478307	0.8891910355
743	5653	5657	4	1.000040930	0.9075058198	0.9350268298	0.6179521203	1.506707743	0.8891502949
744	5657	5659	2		0.9074755287	0.9330206298	0.6179930796	1.506738034	0.8891836109
745	5659	5669	10	1.000040909	0.9076272514	0.9351487847	0.6178296679	1.506586311	0.88902834
746	5669	5683	14	1.000204321	0.9077179764	0.9351407047	0.6177486025	1.506495586	0.888940121
747	5683	5689	6	1.000203360	0.9075937257	0.9351016463	0.6179119304	1.506619837	0.8890754784
748	5689	5693	4	1.000081291	0.9075669773	0.9350709483	0.6179526979	1.506646585	0.8891061764
749	5693	5701	8	1.000162397	0.9076474058	0.9351517237	0.6178715915	1.506566157	0.889025401
750	5701	5711	10	1.000102037	0.9076975622	0.9351992241	0.6178313452	1.506516	0.8889779006
751	5711	5717	6	1.000121391	0.907640832	0.9351355656	0.6179125975	1.50657273	0.8890415591
752	5717	5737	20	1.00040367	0.907907199	0.9354068802	0.6176303183	1.506306363	0.8887702445
753	5737	5741	4	1.000080533	0.9076478008	0.9351292523	0.6179534561	1.506565762	0.8890478724
754	5741	5743	2	1.000040242	0.9076179891	0.9350964688	0.6179937467	1.506595573	0.8890806559
755	5743	5749	6	1.000120637	0.90769433	0.935174087	0.6179133514	1.506519232	0.8890030377
756	5749	5779	30	1.000601232	0.9081406336	0.935630801	0.6174327571	1.506072929	0.8885463237
757	5779	5783	4	1.00007988	0.9077178573	0.9351797881	0.6179541085	1.506495705	0.8889973366
758	5783	5791	8	1.00007988	0.907796895	0.9351797661	0.6178744066	1.506416667	0.8889179591
759	5791	5801	10	1.000199136	0.9078461731	0.9353058368	0.6178348525	1.506367389	0.8888712879
760	5801	5807	6	1.000133130	0.9077903908	0.935243255	0.6179146955	1.506423172	0.8889338697
761	5807	5813	6	1.000119256	0.9078002624	0.935250363	0.6179148329	1.5064133	0.8889267617
762	5813	5821	8	1.000113130	0.9078461082	0.9352945366	0.6178753243	1.506367454	0.8888825881
763	5821	5827	6	1.000138836	0.9078232487	0.9352669139	0.6179151523	1.506390314	0.8889102108
764	5827	5839	12	1.000237278	0.9079407159	0.9353848823	0.6177967108	1.506272846	0.8887922424
765	5839	5843	4	1.000078966	0.9078168834	0.9352512193	0.6179550232	1.506396679	0.8889259054
766	5843	5849	6	1.000118338	0.9078592365	0.9352928264	0.617915651	1.506354326	0.8888842983

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767	5849	5851	2	1.000039414	0.9077975023	0.9352261913	0.6179945745	1.50641606	0.8889509334
768	5851	5857	6	1.000118157	0.9078722827	0.9353022201	0.6179158314	1.50634128	0.8888749046
769	5857	5861	4	1.000078695	0.907846353	0.9352724763	0.6179552937	1.506367209	0.8889046484
770	5861	5867	6	1.000117933	0.9078885605	0.9353139406	0.6179160561	1.506325002	0.8888631841
771	5867	5869	2	1.000039279	0.9078270326	0.9352475298	0.6179947093	1.50638653	0.8889295949
772	5869	5879	10	1.000196189	0.9079727622	0.9353966536	0.6178377998	1.5062408	0.8887804711
773	5879	5881	2	1.00003919	0.9078466588	0.9352617115	0.6179947987	1.506366904	0.8889154132
774	5881	5897	16	1.000313029	0.9080985338	0.9355201875	0.6177209595	1.506115029	0.8886569372
775	5897	5903	6	1.00011713	0.9079468862	0.9353559366	0.6179168584	1.506266676	0.8888211881
776	5903	5923	20	1.000389531	0.9082039851 0.9079534841	0.9356177936	0.6176444578	1.506009577	0.8885593311
777	5923	5927	4	1.000077718		0.9353497506	0.6179562707	1.506260078	0.8888273741
778 779	5927	5939	12	1.000232822	0.9081008008	0.9354995209	0.617801167	1.506112762	0.8886776038
780	5939 5953	5953 5981	14 28	1.000270968 1.000539884	0.908154905 0.9084217183	0.9355492922 0.9358172109	0.6177630203 0.6174941047	1.506058657 1.505791844	0.8886278325 0.8883599138
781	5981	5987	6	1.000339884	0.9084217183	0.9354527427	0.6179186904	1.506132226	0.888724382
782	5987	6007	20	1.000113298	0.9080813365	0.9354527427	0.6179180904	1.505132226	0.8884665924
783	6007	6011	4	1.000383431	0.9080877765	0.9357105325	0.6179574812	1.506125786	0.8887305121
784	6011	6029	18	1.000070508	0.9083367194	0.9357010974	0.6176903597	1.505876843	0.8884760273
785	6029	6037	8	1.000343029	0.9083307194	0.9357010974	0.6178816463	1.506021842	0.8886341859
786	6037	6043	6	1.000132342	0.9081697197	0.9355163787	0.6179198817	1.506043843	0.888660746
787	6043	6047	4	1.000714707	0.9081446414	0.9354876267	0.617957989	1.506068921	0.888689498
788	6047	6053	6	1.000113897	0.908185399	0.9355276677	0.6179200919	1.506028163	0.888649457
789	6053	6067	14	1.000115037	0.9083323854	0.9356761661	0.6177686982	1.505881177	0.8885009586
790	6067	6073	6	1.000203231	0.9082166648	0.9355501789	0.6179205103	1.505996898	0.8886269458
791	6073	6079	6	1.000113354	0.9082260205	0.9355569148	0.6179206352	1.505987542	0.8886202099
792	6079	6089	10	1.000188653	0.90830386	0.9356341988	0.6178453359	1.505909702	0.8885429259
793	6089	6091	2	1.000037686	0.9081824992	0.9355043645	0.6179963025	1.506031063	0.8886727602
794	6091	6101	10	1.000188239	0.9083223673	0.9356474772	0.6178457499	1.505891195	0.8885296475
795	6101	6113	12	1.000225437	0.9083718515	0.9356936388	0.6178085514	1.505841711	0.8884834859
796	6113	6121	8	1.000150012	0.9083221531	0.9356366852	0.6178839767	1.505891409	0.8885404395
797	6121	6131	10	1.000187211	0.9083684464	0.9356805377	0.6178467773	1.505845116	0.888496587
798	6131	6133	2	1.000037399	0.9082479931	0.9355516808	0.6179965901	1.505965569	0.8886254439
799	6133	6143	10	1.000186804	0.9083868028	0.935693708	0.6178471852	1.50582676	0.8884834167
800	6143	6151	8	1.000149196	0.9083682185	0.9356697939	0.6178847926	1.505845344	0.8885073308
801	6151	6163	12	1.000223397	0.9084480465	0.9357482107	0.6178105913	1.505765516	0.888428914
802	6163	6173	10	1.000185791	0.9084325074	0.9357265002	0.6178481978	1.505781055	0.8884506245
803	6173	6197	24	1.000444591	0.9086830502	0.935979826	0.6175893981	1.505530512	0.8881972987
804	6197	6199	2	1.000036955	0.9083498277	0.9356252485	0.6179970337	1.505863735	0.8885518762
805	6199	6203	4	1.000073872	0.9083864372	0.9356620143	0.6179601172	1.505827125	0.8885151104
806	6203	6211	8	1.000147589	0.9084595488	0.935735436	0.6178863993	1.505754014	0.8884416887
807	6211	6217	6	1.000110551	0.9084381954	0.9357096757	0.6179234377	1.505775367	0.888467449
808	6217	6221	4	1.000073633	0.9084138659	0.9356817954	0.6179603554	1.505799696	0.8884953293
809	6221	6229	8	1.000147114	0.9084867424	0.9357549809	0.6178868749	1.50572682	0.8884221438
810	6229	6247	18	1.000330268	0.9086653603	0.9359352066	0.6177037207	1.505548202	0.8882419181
811	6247	6257	10	1.000183011	0.9085590846	0.9358173184	0.6178509779	1.505654478	0.8883598063
812	6257	6263	6	1.000109646	0.908507669	0.9357596938	0.6179243427	1.505705893	0.8884174309
813	6263	6269	6	1.000109529	0.9085166857	0.9357661854	0.6179244597	1.505696877	0.8884109393
814	6269	6271	2	1.000036482	0.9084594405	0.9357044312	0.6179975063	1.505754122	0.8884726935
815	6271	6277	6	1.000109373	0.9085286918	0.9357748292	0.6179246153	1.505684871	0.8884022955
816	6277	6287	10	1.000182037	0.9086038006	0.9358494022	0.6178519517	1.505609762	0.8883277225
817	6287	6299	12	1.000218023	0.9086516339	0.9358940297	0.6178159658	1.505561928	0.888283095
818	6299	6301	2	1.000036289	0.908504666	0.9357371001	0.6179976999	1.505708896	0.8884400246
819	6301	6311	10	1.000181265	0.9086393907	0.9358749384	0.6178527236	1.505574172	0.8883021863
820	6311	6317	6	1.000108602	0.9085884488	0.9358178511	0.6179253872	1.505625114	0.8883592736
821	6317	6323	6	1.000108487	0.9085973732	0.9358242762	0.617925502	1.505616189	0.8883528485
822	6323	6329	6	1.000108372	0.9086062875	0.935830694	0.6179256167	1.505607275	0.8883464307
823	6329	6337	8	1.000144321	0.9086479556	0.93587085	0.617889668	1.505565607	0.8883062747
824	6337	6343	6	1.000108105	0.9086270482	0.9358456404	0.6179258833	1.505586514	0.8883314843
825	6343	6353	10	1.000179929	0.9087012869	0.9359193497	0.6178540595	1.505512275	0.888257775
826	6353	6359	6	1.000107802	0.9086507075	0.9358626736	0.6179261865	1.505562855	0.8883144511
827	6359	6361	2	1.000035908	0.9085943436	0.9358018771	0.6179980811	1.505619219	0.8883752476
828	6361	6367	6	1.000107651	0.9086625105	0.935871171	0.6179263375	1.505551052	0.8883059537
829	6367	6373	6	1.000107538	0.9086713511	0.9358775356	0.6179264505	1.505542211	0.8882995891
830	6373	6379	6	1.000107426	0.9086801816	0.935883893	0.6179265632	1.505533381	0.8882932317

831	6379	6389	10	1.000178799	0.9087539539	0.9359571392	0.6178551897	1.505459609	0.8882199855
832	6389	6397	8	1.000142812	0.9087361061	0.9359342064	0.6178911765	1.505477456	0.8882429183
833	6397	6421	24	1.000427307	0.9090064623	0.9362090188	0.617606682	1.5052071	0.8879681059
834	6421	6427	6	1.000106532	0.90875047	0.9359344955	0.6179274572	1.505463092	0.8882426292
835	6427	6449	22	1.000389725	0.9090166399	0.9362059169	0.6176442635	1.505196922	0.8879712078
836	6449	6451	2	1.00003535	0.9087269672	0.9358976701	0.6179986389	1.505486595	0.8882794546
837	6451	6469	18	1.000317645	0.9089864212	0.9361639826	0.6177163437	1.505227141	0.8880131421
838	6469	6473	4	1.000070445	0.9087881394	0.9359516974	0.6179635434	1.505425423	0.8882254273
839	6473	6481	8	1.00014075	0.9088578707	0.9360217221	0.6178932384	1.505355692	0.8881554026
840	6481	6491	10	1.000175669	0.9089012768	0.9360628476	0.6178583197	1.505312286	0.8881142771
841	6491	6521	30	1.000525296	0.9092335707	0.9364006053	0.617508693	1.504979992	0.8877765194
842	6521	6529	8	1.000139597	0.9089266069	0.9360711247	0.6178943913	1.505286955	0.888106
843	6529	6547	18	1.000313426	0.9090961547	0.9362421892	0.6177205627	1.505117408	0.8879349355
844	6547	6551	4	1.000069511	0.9089004514	0.9360326828	0.6179644773	1.505313111	0.8881444419
845	6551	6553	2	1.000034737	0.9088746065	0.9360043013	0.6179992514	1.505338956	0.8881728234
846	6553	6563	10	1.000173522	0.9090036182	0.9361362818	0.6178604668	1.505209944	0.8880408429
847	6563	6569	6	1.000103968	0.9089547793	0.9360815794	0.6179300205	1.505258783	0.8880955453
848	6569	6571	2	1.000034631	0.9089003732	0.9360229103	0.6179993574	1.505313189	0.8881542144
849	6571	6577	6	1.000103827	0.9089661319	0.9360897521	0.6179301614	1.50524743	0.8880873726
850	6577	6581	4	1.000069158	0.9089432215	0.9360635224	0.6179648303	1.505270341	0.8881136023
851	6581	6599	18	1.000310672	0.9091684576	0.936293723	0.6177233164	1.505045105	0.8878834017
852	6599	6607	8	1.000137762	0.9090370254	0.9361504852	0.6178962269	1.505176537	0.8880266395
853	6607	6619	12	1.000206302	0.9091107287	0.9362228907	0.6178276868	1.505102834	0.887954234
854	6619	6637	18	1.000308689	0.9092208708	0.9363310824	0.6177252998	1.504992692	0.8878460423
855	6637	6653	16	1.000273604	0.9092145297	0.9363167212	0.617760385	1.504999033	0.8878604035
856	6653	6659	6	1.000102404	0.9090815513	0.9361728407	0.617931585	1.505132011	0.888004284
857	6659	6661	2	1.000034111	0.9090279448	0.9361150401	0.6179998782	1.505185618	0.8880620846
858	6661	6673	12	1.000204442	0.9091855975	0.9362765255	0.617829547	1.505027965	0.8879005992
859	6673	6679	6	1.000102062	0.9091094444	0.9361929201	0.6179319266	1.505104118	0.8879842046
860	6679	6689	10	1.000169883	0.9091795361	0.9362625125	0.617864106	1.505034026	0.8879146122
861	6689	6691	2	1.00003394	0.9090700084	0.9361454163	0.6180000484	1.505143554	0.8880317084
862	6691	6701	10	1.000169544	0.909196084	0.9362743866	0.617864445	1.505017478	0.8879027381
863	6701	6703	2	1.000033873	0.9090867703	0.9361575208	0.6180001161	1.505126792	0.8880196039
864	6703	6709	6	1.000101554	0.9091510969	0.9362229045	0.6179324349	1.505062466	0.8879542202
865	6709	6719	10	1.000169038	0.9092208398	0.9362921505	0.6178649511	1.504992723	0.8878849742
866	6719	6733	14	1.000236191	0.9092958608	0.9363651217	0.6177977982	1.504917702	0.887812003
867	6733	6737	4	1.000067377	0.9091619144	0.9362212048	0.6179666118	1.505051648	0.8879559199
868	6737	6761	24	1.000403396	0.9094729594	0.9365398001	0.6176305926	1.504740603	0.8876373246
869	6761	6763	2	1.000033538	0.9091700415	0.9362176528	0.6180004506	1.505043521	0.8879594719
870	6763	6779	16	1.00026794	0.9093859163	0.9364391004	0.617766049	1.504827646	0.8877380243
871	6779	6781	2	1.000033439	0.9091948497	0.9362355668	0.6180005497	1.505018713	0.8879415579
872	6781	6791	10	1.000167042	0.9093190785	0.9363626437	0.617866947	1.504894484	0.887814481
873	6791	6793	2	1.000033373	0.9092113445	0.9362474776	0.6180006155	1.505002218	0.8879296471
874	6793	6803	10	1.000166713	0.9093353309	0.936374306	0.6178672753	1.504878231	0.8878028187
875	6803	6823	20	1.000332638	0.9094999542	0.936539604	0.6177013511	1.504713608	0.8876375207
876	6823	6827	4	1.000066388	0.9092853364	0.9363101893	0.6179676003	1.504928226	0.8878669354
877	6827	6829	2	1.000033177	0.9092606193	0.936283058	0.6180008113	1.504952943	0.8878940667
878	6829	6833	4	1.000066324	0.909293495	0.9363160713	0.6179676652	1.504920067	0.8878610534
879	6833	6841	8	1.000132522	0.9093591586	0.9363820084	0.6179014669	1.504854404	0.8877951163
880	6841	6857	16	1.000264544	0.9094901364	0.9365135254	0.6177694444	1.504723426	0.8876635993
881	6857	6863	6	1.000099019	0.9093614581	0.9363743331	0.6179349699	1.504852104	0.8878027916
882	6863	6869	6	1.000098922	0.9093695393	0.9363801502	0.6179350663	1.504844023	0.8877969745
883	6869	6871	2	1.000032952	0.9093177131	0.9363242833	0.618001037	1.504895849	0.8878528414
884	6871	6883	12	1.000197502	0.9094700556	0.936480317	0.6178364863	1.504743507	0.8876968077
885	6883	6899	16	1.00026275	0.9095456759	0.936553189	0.6177712389	1.504667886	0.8876239357
886	6899	6907	8	1.000131112	0.9094476429	0.9364456031	0.6179028767	1.504765919	0.8877315216
887	6907	6911	4	1.00006549	0.909398781	0.9363919769	0.6179684983	1.504814781	0.8877851478
888	6911	6917	6	1.000098158	0.9094338865	0.9364264692	0.6179358305	1.504779676	0.8877506555
889	6917	6947	30	1.00048947	0.9097978185	0.9367987213	0.6175445191	1.504415744	0.8873784034
890	6947	6949	2	1.00003254	0.9094226389	0.9364000432	0.6180014486	1.504790923	0.8877770815
891	6949	6959	10	1.000162555	0.9095435554	0.9365237244	0.6178714335	1.504670007	0.8876534003
892	6959	6961	2	1.000032478	0.9094386556	0.9364116074	0.618001511	1.504774907	0.8877655173
893	6961	6967	6	1.000097374	0.9095003488	0.93647431	0.6179366146	1.504713214	0.8877028147

895	6971	6977	6	1.000097219	0.9095135728	0.9364838288	0.61793677	1.50469999	0.8876932959
896	6977	6983	6	1.000097126	0.9095214962	0.9364895322	0.617936863	1.504692066	0.8876875925
897	6983	6991	8	1.000129359	0.90955881	0.9365254997	0.6179046301	1.504654752	0.887651625
898	6991	6997	6	1.000096909	0.9095399527	0.9365028174	0.6179370794	1.50467361	0.8876743073
899	6997	7001	4	1.000064554	0.9095185072	0.9364782895	0.6179694349	1.504695055	0.8876988352
900	7001	7013	12	1.000193428	0.9096410292	0.9366028135	0.6178405608	1.504572533	0.8875743112
901	7013	7019	6	1.000096571	0.9095688667	0.9365236298	0.6179374176	1.504644696	0.8876534949
902	7019	7027	8	1.000128621	0.9096059658	0.9365593908	0.6179053679	1.504607597	0.8876177339
903	7027	7039	12	1.000192632	0.9096747721	0.9366269898	0.6178413566	1.50453879	0.8875501349
904	7039	7043	4	1.000064125	0.9095737491	0.9365181131	0.6179698633	1.504639813	0.8876590116
905	7043	7057	14	1.000224138	0.9097245613	0.9366717746	0.6178098507	1.504489001	0.8875053501
906	7057	7069	12	1.000191722	0.9097135227	0.9366547542	0.617842267	1.50450004	0.8875223705
907	7069	7079	10	1.000151722	0.90969998	0.9366359743	0.6178744996	1.504513582	0.8875411504
908	7079	7103	24	1.000381796	0.9099153034	0.9368536498	0.6176521931	1.504298259	0.8873234749
909	7103	7109	6	1.000095211	0.9096860315	0.9366079643	0.6179387778	1.504527531	0.8875691604
910	7109	7121	12	1.000190163	0.9097802297	0.9367025497	0.6178438257	1.504433333	0.887474575
911	7121	7127	6	1.000094943	0.9097092515	0.9366246777	0.6179390454	1.504504311	0.887552447
912	7127	7129	2	1.000034545	0.9096594623	0.9365710225	0.6180023617	1.5045541	0.8876061022
913	7129	7151	22	1.000347302	0.9099492104	0.9368685451	0.6176866871	1.504264352	0.8873085796
914	7151	7159	8	1.000125983	0.9097764344	0.9366819065	0.6179080058	1.504437128	0.8874952182
915	7159	7177	18	1.000123333	0.9099295414	0.9368363667	0.6177510768	1.504284021	0.887340758
916	7177	7187	10	1.000252312	0.9098380855	0.9367350796	0.6178771662	1.504375477	0.8874420451
917	7187	7193	6	1.000093974	0.9097937949	0.9366855298	0.6179400147	1.504419767	0.8874915949
918	7193	7207	14	1.000218948	0.9099152045	0.936808161	0.617815041	1.504298358	0.8873689637
919	7207	7211	4	1.000210346	0.9097908297	0.9366745973	0.617971524	1.504422733	0.8875025274
920	7211	7213	2	1.000031217	0.9097675323	0.9366490388	0.6180027713	1.50444603	0.8875280859
921	7213	7219	6	1.000093597	0.9098268453	0.9367093184	0.6179403913	1.504386717	0.8874678063
922	7219	7219	10	1.000155808	0.9098911272	0.936773143	0.6178781804	1.504322435	0.8874039817
923	7219	7237	8	1.000133333	0.9098754117	0.9367530408	0.6179095166	1.504338151	0.8874240839
924	7237	7243	6	1.000093252	0.9098572273	0.9367311861	0.6179407365	1.504356335	0.8874459386
925	7243	7247	4	1.000062119	0.9098365581	0.9367075594	0.6179718693	1.504377004	0.8874695653
926	7247	7253	6	1.000002113	0.9098698509	0.936740272	0.6179408796	1.504343711	0.8874368527
927	7253	7283	30	1.00046435	0.9102152455	0.9370935228	0.6175696385	1.503998317	0.8870836019
928	7283	7297	14	1.000215942	0.910027347	0.9368883929	0.6178180464	1.504186215	0.8872887318
929	7297	7307	10	1.000213342	0.9099886664	0.9368431387	0.617880031	1.504224896	0.887333986
930	7307	7309	2	1.000030762	0.9098892034	0.9367368687	0.6180032272	1.504324359	0.887440256
931	7309	7321	12	1.000184387	0.9100315045	0.9368825948	0.6178496018	1.504182058	0.8872945299
932	7321	7331	10	1.000153397	0.9100184293	0.9368644971	0.617880592	1.504195133	0.8873126276
933	7331	7333	2	1.00003065	0.9099193212	0.9367586088	0.6180033392	1.504294241	0.8874185159
934	7333	7349	16	1.000244888	0.9101167688	0.9369611096	0.6177891004	1.504096794	0.8872160151
935	7349	7351	2	1.000030566	0.909941832	0.9367748576	0.6180034227	1.50427173	0.8874022671
936	7351	7369	18	1.000274713	0.9101664904	0.9370053725	0.6177592762	1.504047072	0.8871717522
937	7369	7393	24	1.000365141	0.9102712932	0.93710636	0.6176688477	1.503942269	0.8870707647
938	7393	7411	18	1.000272979	0.9102173529	0.9370416543	0.6177610097	1.503996209	0.8871354704
939	7411	7417	6	1.000090821	0.9100739551	0.9368871737	0.6179431678	1.504139607	0.887289951
940	7417	7433	16	1.000241808	0.9102187925	0.9370339969	0.6177921803	1.50399477	0.8871431278
941	7433	7451	18	1.000271347	0.9102654783	0.9370759848	0.6177626413	1.503948084	0.8871011399
942	7451	7457	6	1.000090279	0.9101229184	0.9369224135	0.6179437097	1.504090644	0.8872547112
943	7457	7459	2	1.000030074	0.91007552	0.9368713531	0.6180039146	1.504138042	0.8873057716
944	7459	7477	18	1.000270297	0.9102965967	0.937098184	0.6177636919	1.503916966	0.8870789407
945	7477	7481	4	1.000059961	0.9101273028	0.9369171217	0.6179740274	1.50408626	0.887260003
946	7481	7487	6	1.000089877	0.9101594352	0.936948695	0.6179441121	1.504054127	0.8872284297
947	7487	7489	2	1.00002994	0.9101122432	0.9368978586	0.6180040486	1.504101319	0.8872792661
948	7489	7499	10	1.000149577	0.9102235728	0.9370117133	0.6178844122	1.50398999	0.8871654114
949	7499	7507	8	1.0001195	0.9102084398	0.9369923815	0.6179144889	1.504005123	0.8871847432
950	7507	7517	10	1.000149178	0.9102452275	0.9370272534	0.6178848107	1.503968335	0.8871498713
951	7517	7523	6	1.000089398	0.9102030251	0.9369800668	0.6179445905	1.504010537	0.8871970579
952	7523	7529	6	1.000089319	0.9102102658	0.936985278	0.6179446698	1.504003297	0.8871918467
953	7529	7537	8	1.000118971	0.9102445588	0.9370183392	0.6179150181	1.503969004	0.8871587855
954	7537	7541	4	1.000059431	0.9102000994	0.9369695882	0.6179745578	1.504013463	0.8872075365
955	7541	7547	6	1.000089082	0.9102319467	0.9370008816	0.6179449067	1.503981616	0.8871762431
956	7547	7549	2	1.000029676	0.9101851623	0.9369504875	0.6180043131	1.5040284	0.8872266372
957	7549	7559	10	1.000148256	0.910295516	0.937063342	0.6178857329	1.503918046	0.8871137827

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961 7577 7689 6 1.000088512 6 1000268527 0 0.937019055 0 6.7746.377 10 0.93704507 10 0	959	7561	7573	12	1.00017757	0.9103367418	0.9371013195	0.6178564189	1.503876821	0.8870758052
Page   7588   7589   0										
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1968   7607   7621   14   1.00005876   0.9371678319   0.8371678319   0.877067827   0.837067827   0	964	7591		12	1.00017679	0.9103722746	0.9371267822	0.6178571985	1.503841288	0.8870503425
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986   7609   7643   4   1,000067649   0,910322745   0,93076898   0,910757493   1,50369195   0,9870194946   1,9970759   1,9970   1,999   0,9970759   0,97075999	966	7607	7621	14	1.000205746	0.9104178902	0.9371678319	0.6178282424	1.503795672	0.8870092928
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1970   7-649   7-669   7-672   4   1.000028761   0.937802870   0.93780	968	7639	7643	4	1.000058549	0.9103222743	0.9370576399	0.6179754393	1.503891288	0.8871194848
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975 7691 7696 8 1.001116189 9-14000000000000000000000000000000000000	974	7687	7691	4	1.000058143	0.9103790942	0.9370985887	0.6179758456	1.503834468	0.887078536
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995 7879 7883 4 1.00056571 0.9106021974 0.9372593654 0.6179774181 1.503611365 0.8869177593 996 7883 7901 18 1.000254199 0.9107867566 0.9374479138 0.61777797897 1.503426806 0.8867292109 997 7901 7907 6 1.000084583 0.910650117 0.93733039046 0.6179494059 1.503426806 0.8867292109 998 7907 7919 12 1.000168959 0.9107367306 0.9373879608 0.6178650297 1.503476832 0.8867891639 999 7919 7927 8 1.00016278 0.9106590564 0.9373449648 0.6179215106 1.503514506 0.8668321599 1000 7927 7933 6 1.00004275 0.9106825312 0.9373251473 0.6179479141 1.503531031 0.88663321599 1000 7927 7933 6 1.000056143 0.910669744 0.937349648 0.6179215106 1.503514506 0.8668321599 1000 7927 7933 7949 12 1.000056143 0.910669744 0.937349648 0.6179778458 1.503549788 0.8668733871 1002 7937 7949 12 1.00016825 0.9107704307 0.937421211 0.6178657389 1.503449132 0.8867650126 1003 7949 7951 2 1.000028012 0.9106564207 0.9372805671 0.6180059765 1.50345473 0.8868738718 1004 7951 7963 12 1.00016921 0.9107861058 0.9374233458 0.6178660679 1.503427457 0.886583576 1004 7951 7963 12 1.000147827 0.910280765 0.937682005 0.6176153614 1.503185486 0.8865689242 1006 7993 8009 16 1.00022533 0.9108835615 0.9375090126 0.617811456 1.503330001 0.8866681121 1007 8009 8011 2 1.000028024 0.91078743011 0.9373395455 0.618062096 1.503489261 0.8866737789 1008 8011 8017 6 1.00002824 0.910777173 0.9373932122 0.6177291399 1.503427896 0.8866731475 1010 8039 8053 14 1.00018329 0.910777173 0.9373932122 0.6177291399 1.503427896 0.8866731475 1010 8039 8053 14 1.00018326 0.9109909484 0.937519317 0.6178404852 1.50333654 0.8866737692 1012 8059 8069 6 1.000028210 0.9109808044 0.937519317 0.6178961186 1.503332718 0.8866937265 1013 8069 8081 12 1.00016797 0.91089368 0.9374492838 0.6179514963 1.503332718 0.8866937265 1014 8081 8087 6 1.00002482 0.91081639 0.9374492838 0.6179514963 1.503332718 0.8866937265 1015 8089 8099 1 1.000037419 0.910893088 0.9374492838 0.6179514963 1.503332718 0.8866937265 1016 8089 8093 4 1.000054941 0.9108818874 0.937478949 0.6179509021 1.50332864 0.8866737260 1016 8089 8093 4 1.00	993	7873	7877	4	1.000056619	0.9105953244	0.9372544126	0.6179773701	1.503618238	0.8869227121
996 7883 7901 18 1.000254199 0.9107867566 0.9374479138 0.6177797897 1.503426806 0.8867292109 997 7901 7907 6 1.000064563 0.9106530117 0.9373303046 0.6179494059 1.503560551 0.8868732201 998 7907 7919 12 1.000168959 0.9107367306 0.9373879608 0.6178650297 1.503476832 0.8867891639 999 7919 7927 8 1.00014278 0.9106990564 0.9373449648 0.6179215106 1.503514506 0.8868321599 1000 7927 7933 6 1.000084275 0.9106825312 0.9373251473 0.6179497141 1.503531031 0.8868519774 1001 7933 7937 4 1.00056143 0.9106825312 0.9373251473 0.6179497141 1.503531031 0.8868519774 1002 7937 7949 12 1.00016825 0.910740407 0.9373037376 0.617978458 1.50349788 0.8866733771 1002 7937 7949 12 1.00016825 0.910740407 0.9373037376 1.6178660679 1.503457182 0.8866765126 1003 7949 7951 2 1.000028012 0.9106564207 0.9372905671 0.6180059765 1.503557142 0.8867650126 1004 7951 7963 12 1.000167921 0.9107861058 0.9374233458 0.6178660679 1.503427457 0.8867537789 1005 7963 7993 30 1.000418627 0.9110280765 0.937682005 0.6176153614 1.503185486 0.886609242 1006 7993 8009 16 1.000222533 0.9108835615 0.9375090126 0.617811456 1.503489261 0.886689121 1007 8009 8011 2 1.000022779 0.9107243011 0.93739395455 0.6180062096 1.503489261 0.886681121 1007 8009 8011 2 1.0000363294 0.9107771173 0.9373939126 0.6178506952 1.503436445 0.8867839125 1009 8017 8039 22 1.000304852 0.910886366 0.9376057772 0.6177291369 1.50343744 0.8866578077 1010 8039 8053 14 1.000193504 0.910909484 0.937509317 0.6178404852 1.50334541 0.8866578077 1011 8053 8069 6 1.000082491 0.9108239673 0.937649519317 0.6178404852 1.50334514 0.8866578077 1010 8089 8069 10 1.00013787 0.9108239673 0.9374519317 0.6178404852 1.503332718 0.886660163 1014 8081 8087 6 1.000082492 0.910859388 0.9374492838 0.6179514963 1.503332718 0.886660163 1014 8081 8087 6 1.000082492 0.910859388 0.9374492838 0.6179514963 1.503332718 0.886660163 1016 8089 8093 4 1.000016795 0.91081639 0.937492838 0.6179514963 1.503332726 0.8866605485 1017 8093 8101 8 1.000016795 0.9108833088 0.9374492838 0.6179514963 1.503326256 0.8866605485 1018 8101 8111 10	994	7877	7879	2	1.000028297	0.9105741479	0.9372312017	0.6180056918	1.503639414	0.886945923
997 7901 7907 6 1.000084583 0.9106530117 0.9373039046 0.6179494059 1.503560551 0.8868732201 998 7997 7919 12 1.000168959 0.9107367306 0.9373879608 0.6178650297 1.503476832 0.886781639 999 7919 7927 8 1.000168959 0.9107367306 0.9373879608 0.6178650297 1.503476832 0.886781639 999 7919 7927 8 1.000168959 0.9107367306 0.93734879608 0.6179215106 1.50351051 0.886831599 1000 7927 7933 6 1.000084275 0.9106825312 0.9373251473 0.6179497141 1.50351031 0.8868519774 1001 7933 7937 4 1.000056143 0.9106637744 0.9373037376 0.6179778458 1.503549788 0.8868733871 1002 7937 7949 12 1.00016825 0.9107704307 0.9374121121 0.6178657389 1.503443132 0.8867650126 1003 7949 7951 2 1.000028012 0.9106564207 0.9372950671 0.6180059765 1.503547142 0.886865576 11004 7951 7963 12 1.000167921 0.9107861058 0.9374233458 0.6178660679 1.503427457 0.8867537789 1005 7963 7993 30 1.000418627 0.9110280765 0.9376682005 0.6176153614 1.503185486 0.8865089242 1006 7993 8009 16 1.0002222533 0.9108836615 0.9376082005 0.6176153614 1.503185486 0.8865089242 1006 7993 8009 16 1.0002222533 0.9108836615 0.9376082005 0.618062006 1.503489461 0.886687592 1008 8011 2 1.0000322749 0.9107243011 0.9373395455 0.6180062006 1.503489461 0.8866875792 1008 8011 8017 6 1.000082394 0.9107771173 0.9373932122 0.61795106952 1.503436445 0.886673972 1009 8017 8039 22 1.000304852 0.910985666 0.9376057772 0.6177291369 1.503329786 0.8866731475 1010 8039 8053 14 1.000193504 0.9109090444 0.937519371 0.6178404852 1.503304514 0.886678077 1011 8053 8059 6 1.000082840 0.910829673 0.9374893982 0.6179511776 1.503339555 0.8866600163 1014 8081 8067 6 1.000082492 0.9108560388 0.9374492838 0.6179544663 1.503332718 0.886697265 1013 8069 8081 12 1.000165196 0.910169378 0.9374925914 0.6179514766 1.503332718 0.886697265 1014 8081 8067 6 1.000082492 0.9108550388 0.9374492838 0.617954945 1.50334562 0.8866727840 1015 8087 8089 2 1.000027482 0.9108550388 0.9374492838 0.617954945 1.503332756 0.886690163 1014 8081 8011 8111 10 1.000137077 0.9109870550 0.93745165762 0.617951495 1.503332756 0.8866902566 1018 8101	995	7879	7883	4	1.000056571	0.9106021974	0.9372593654	0.6179774181	1.503611365	0.8869177593
998 7907 7919 12 1.000168959 0.9107367306 0.9373879608 0.6178650297 1.503476832 0.8867891639 999 7919 7927 8 1.000112478 0.9106890564 0.9373449648 0.6179215106 1.503514050 0.8868321599 1000 7927 7933 6 1.000084275 0.9106825312 0.9373251473 0.617947141 1.503531031 0.8868519774 1001 7933 7937 4 1.000056143 0.9106825312 0.9373251473 0.6179478458 1.503549788 0.8868733871 1002 7937 7949 12 1.00016825 0.9107704307 0.9374121121 0.6178657389 1.503443132 0.8867650126 1003 7949 7951 2 1.000028012 0.9107661050 0.937423458 0.6178660679 1.50345745 0.886865576 1004 7961 7963 12 1.000167921 0.9107861058 0.9374233458 0.6178660679 1.503427457 0.8867537789 1005 7963 7993 30 1.000418627 0.9110280765 0.9376682005 0.6176153614 1.503330001 0.886665176 1006 7993 8009 16 1.000222533 0.9108835615 0.9376082005 0.6176153614 1.503330001 0.8866681121 1007 8009 8011 2 1.000027779 0.9107243011 0.9373395455 0.6180062096 1.503489261 0.8868735792 1008 8011 8017 6 1.000083294 0.9107771173 0.9373932122 0.6179506952 1.503456445 0.886739125 1009 8017 8039 22 1.000304852 0.910985666 0.9376057772 0.6177291369 1.503426445 0.8866731945 1010 8039 8053 14 1.000193504 0.91099090484 0.9377519317 0.617840852 1.503304514 0.8866678077 1011 8063 8069 8069 10 1.00013787 0.910880844 0.9377519317 0.6178961186 1.503332718 0.8866937265 1013 8069 8081 12 1.00016186 0.9109169378 0.9374290525 0.6179511776 1.503296652 0.8866701975 1014 8081 8087 6 1.000082492 0.910850388 0.937449283 0.617866186 1.503332718 0.8866937265 1015 8089 8093 4 1.000013787 0.910850388 0.937449283 0.617950474 1.50332665 0.886670163 1014 8089 8093 4 1.000013707 0.910850388 0.937449283 0.617950474 1.50332665 0.8866703878 1016 8089 8093 4 1.000054941 0.9108388821 0.9374299141 0.61796974 1.50332665 0.8866932666 1016 8089 8093 4 1.000054941 0.9108388821 0.9374299141 0.617950474 1.50332665 0.8866932566 1018 8101 8111 10 1.00013707 0.91082086 0.9374299141 0.617950695 1.50333265 0.8866932566 1018 8101 8111 10 1.00013707 0.910820775 0.9375165762 0.6179511355 1.503332656 0.8866932566 1018 8101 8111 11 10	996	7883	7901	18	1.000254199	0.9107867566	0.9374479138	0.6177797897	1.503426806	0.8867292109
999 7919 7927 8 1.000112478 0.9106990564 0.9373449648 0.6179215106 1.503514506 0.8868321599 1000 7927 7933 6 1.000084275 0.9106825312 0.9373251473 0.6179487141 1.503531031 0.8868519774 1001 7933 7937 4 1.000056143 0.910682744 0.937303736 0.6179778458 1.503549788 0.886873871 1002 7937 7949 12 1.00016825 0.9107074307 0.937303736 0.6179778458 1.503434732 0.8867650126 1003 7949 7951 2 1.00016825 0.9107074307 0.9374121121 0.6178657389 1.503457132 0.8867650126 1004 7951 7963 12 1.000167921 0.9107861058 0.9374233458 0.6178660679 1.503427457 0.8867537789 1005 7963 7993 30 1.000418627 0.910280765 0.937682005 0.6176153614 1.503185486 0.8865089242 1006 7993 8009 16 1.00022253 0.910835615 0.9375090126 0.617811456 1.503330001 0.8866681121 1007 8009 8011 2 1.000022779 0.9107243011 0.9373395455 0.6180062096 1.503489261 0.8868357592 1008 8011 8017 6 1.000083294 0.9107771173 0.9373932122 0.6179506952 1.503436445 0.886683125 1009 8017 8039 22 1.000304852 0.91098566 0.9376657772 0.6177291369 1.503320454 0.88667337759 1010 8039 8053 14 1.000193504 0.910908044 0.937619317 0.6178404852 1.503330514 0.8866730759 1011 8053 8069 6 1.000082811 0.9108239673 0.9374269252 0.6179511766 1.5033385955 0.8867501995 1012 8059 8069 10 1.00013787 0.910808044 0.937483982 0.6178661186 1.503332718 0.8866937265 1013 8069 8081 12 1.000165166 0.9109169378 0.937442583 0.6179614963 1.503332718 0.8866937265 1014 8081 8087 6 1.000082491 0.9108388821 0.937442583 0.6179514963 1.503332718 0.8866937265 1015 8089 8093 4 1.000067492 0.91081639 0.937442583 0.6179514963 1.503332718 0.8867278409 1016 8089 8093 4 1.000067492 0.91081639 0.937442583 0.6179514963 1.503320566 0.88667276409 1016 8089 8093 4 1.000067491 0.9108388821 0.937425608 0.618065071 1.503304504 0.886660663 1014 8011 8111 10 1.00013707 0.9109270755 0.937425608 0.618065071 1.503304504 0.8866606683 1014 8011 8111 10 1.00013707 0.9109270755 0.937478949 0.6179519056 1.503332768 0.88667039878 1016 8089 8093 4 1.000062496 0.910881882 0.937478949 0.6179519056 1.50333275 0.886605485 1019 8111 8111 10 1.000137	997	7901	7907	6	1.000084583	0.9106530117	0.9373039046	0.6179494059	1.503560551	0.8868732201
1000   7927   7933   6   1.000084275   0.9106825312   0.9373251473   0.6179497141   1.503531031   0.8868519774   1001   7933   7937   4   1.000056143   0.9106637744   0.9373037376   0.6179778458   1.503549788   0.8866733871   1002   7937   7949   12   1.00016825   0.9107704307   0.9374121121   0.6178657389   1.503543132   0.8867850126   1003   7949   7951   2   1.000028012   0.9106864207   0.9372905671   0.6180059765   1.503345142   0.886865576   1004   7961   7963   12   1.000167921   0.9107861058   0.9374233458   0.6178660679   1.503427457   0.8867637778   1005   7963   7993   30   1.000418627   0.9110280765   0.9376682005   0.6176153614   1.503185486   0.8865089242   1006   7993   8009   16   1.000222533   0.9108835615   0.9375090126   0.617811456   1.503330001   0.8866881121   1007   8009   8011   2   1.000027779   0.9107243011   0.9373395455   0.6180062096   1.503489261   0.8868375792   1008   8011   8017   6   1.000032794   0.9107771173   0.9373932122   0.6177291399   1.503436445   0.886733875   1009   8017   8039   22   1.000304852   0.910985666   0.9376057772   0.6177291399   1.503227896   0.8865713475   1010   8039   8053   14   1.000193504   0.910990484   0.937519317   0.6178404852   1.503304514   0.8866578077   1011   8053   8059   6   1.00008281   0.9108239673   0.9374269252   0.6179511776   1.503389595   0.8867501995   1012   8059   8069   10   1.00013787   0.910880844   0.9374833982   0.6179514963   1.503332718   0.8866937265   1013   8069   8081   12   1.000165196   0.9109169378   0.9374426382   0.6179514963   1.503332718   0.8866937265   1014   8081   8087   6   1.000082492   0.910850388   0.9374426368   0.6179514963   1.503332665   0.88667472106   1016   8089   8093   4   1.00005494   0.910838821   0.937429141   0.6179790474   1.50337668   0.886733875   1016   8089   8093   4   1.00005494   0.910838821   0.937429141   0.6179790474   1.503320266   0.8866922665   1018   8101   8111   10   1.000137077   0.9108270755   0.93774055682   0.6179514953   1.5033226355   0.8866925665   1018   8101   811	998	7907	7919	12	1.000168959	0.9107367306	0.9373879608	0.6178650297	1.503476832	0.8867891639
1001   7933   7937   4   1.000056143   0.9106637744   0.9373037376   0.6179778458   1.503549788   0.8866733871   1002   7937   7949   12   1.00016825   0.9107704307   0.9374121121   0.6178657389   1.503443132   0.886750126   1003   7949   7951   2   1.000028012   0.9106564207   0.9372905671   0.6180059765   1.503557142   0.886865576   1004   7951   7963   7993   30   1.000418627   0.9110280765   0.9376802005   0.6176153614   1.503185486   0.88665089242   1006   7993   8009   16   1.000222533   0.9108858615   0.9376082005   0.6176153614   1.503330001   0.886681121   1007   8009   8011   2   1.000027779   0.9107243011   0.9373395455   0.6180062096   1.503489261   0.8868375792   1008   8011   8017   6   1.00003294   0.9107771173   0.9373932122   0.6179506952   1.503436445   0.8867339125   1009   8017   8039   22   1.000348652   0.910985666   0.9376057772   0.6177291369   1.503227896   0.8866713475   1010   8039   8053   14   1.000193504   0.910990484   0.937519317   0.61778404852   1.503304514   0.8866576077   1011   8053   8069   10   1.00013787   0.910880844   0.9374839382   0.617951176   1.503332518   0.8866937265   1012   8059   8069   10   1.00013787   0.910880844   0.9374833982   0.617951176   1.503332518   0.8866937265   1013   8069   8081   12   1.000165196   0.9108169378   0.937492838   0.6179514963   1.5033252789   0.8867501995   1014   8081   8087   6   1.000027482   0.91081639   0.9374269252   0.6179514963   1.503358524   0.8867278409   1015   8087   8089   2   1.000027482   0.91081639   0.9374292838   0.6179514963   1.503358524   0.8867278409   1016   8089   8093   4   1.000063491   0.910838821   0.9374292838   0.6179514963   1.503358524   0.8867278409   1016   8089   8093   4   1.000063491   0.910838821   0.937429250   0.6179514963   1.503358524   0.8867278409   1016   8089   8093   4   1.000063491   0.9108388821   0.9374492838   0.6179514963   1.50332568   0.886692268   1018   8101   8111   10   1.000137077   0.9108270755   0.9375165762   0.617954355   1.50338372   0.88669339878   1020   8117   81	999	7919	7927	8	1.000112478	0.9106990564	0.9373449648	0.6179215106	1.503514506	0.8868321599
1001   7933   7937   4   1.000056143   0.9106637744   0.9373037376   0.6179778458   1.503549788   0.8868733871   1002   7937   7949   12   1.00016825   0.9107704307   0.9374121121   0.6178657389   1.503443132   0.8867650126   1003   7949   7951   2   1.000028012   0.9106564207   0.9372905671   0.6180059765   1.503557142   0.886865576   1004   7951   7963   7993   30   1.000418627   0.9110280765   0.9376682005   0.6176153614   1.503185486   0.886753789   1005   7963   7993   8009   16   1.000222533   0.9108835615   0.9375090126   0.6176153614   1.503185486   0.88665089242   1006   7993   8009   16   1.000227779   0.9107243011   0.9373395455   0.6180062096   1.503489261   0.886681121   1007   8009   8011   2   1.000027779   0.9107243011   0.9373395455   0.6180062096   1.503489261   0.88668375792   1008   8011   8017   6   1.000032749   0.9107771173   0.9373932122   0.6179506952   1.503436445   0.8867839125   1009   8017   8039   22   1.000340852   0.910995666   0.9376057772   0.6177291369   1.503227896   0.8865713475   1010   8039   8053   14   1.00013504   0.910909484   0.937519317   0.6178404852   1.5033304514   0.8866580777   1011   8053   8069   10   1.00013787   0.910880844   0.9374833982   0.6179511776   1.503339595   0.886670195   1012   8059   8069   10   1.00013787   0.910880844   0.9374833982   0.617951176   1.503332718   0.8866937265   1013   8069   8081   12   1.000165196   0.91081639   0.9374269252   0.617951176   1.503332718   0.8866937265   1014   8081   8087   6   1.000027482   0.91081639   0.9374292838   0.6179514963   1.503358524   0.8867278409   1015   8087   8089   2   1.000027482   0.91081639   0.9374292838   0.6179514963   1.50332566   0.886600163   1016   8089   8093   4   1.000054941   0.910838821   0.9374292838   0.6179514963   1.503325666   0.886600163   1016   8089   8093   4   1.000054941   0.910838821   0.9374292838   0.617954935   1.503326666   0.8866006453   1018   8101   8111   10   1.000137077   0.9108270755   0.9375165762   0.6179541935   1.503325575   0.8867039878   1020   811	1000	7927	7933	6	1.000084275	0.9106825312	0.9373251473	0.6179497141	1.503531031	0.8868519774
1002         7937         7949         12         1.00016825         0.9107704307         0.9374121121         0.6178657389         1.503443132         0.8867650126           1003         7949         7951         2         1.000028012         0.9106564207         0.9372905671         0.6180059765         1.503557142         0.886865576           1004         7951         7963         12         1.000167921         0.9107861058         0.937233458         0.6176153614         1.5034577         0.8867537789           1005         7963         7993         30         1.000418627         0.9110280765         0.9376682005         0.6176153614         1.5031330001         0.886689121           1006         7993         8009         16         1.000222533         0.910835615         0.9375090126         0.6176153614         1.503489261         0.88668121           1007         8009         8011         2         1.000027779         0.9107243011         0.9373932122         0.617950622         1.503489261         0.8866739125           1008         8011         8017         6         1.000024324         0.910771173         0.9373932122         0.6179506952         1.503489261         0.886739125           1010         8039         8053	1001			4						0.8868733871
1003         7949         7951         2         1.000028012         0.9106564207         0.9372905671         0.6180059765         1.503557142         0.886865576           1004         7951         7963         12         1.000167921         0.9107861058         0.9374233458         0.6178660679         1.503427457         0.8867537789           1005         7963         7993         30         1.000418627         0.9110280765         0.9376682005         0.6176153614         1.503185486         0.8865089242           1006         7993         8009         16         1.000222533         0.910835615         0.9375090126         0.6176153614         1.503185486         0.8865089242           1007         8009         8011         2         1.000027779         0.9107771173         0.9373395455         0.6180062096         1.503489261         0.8866878797           1008         8011         8017         6         1.000083294         0.9107771173         0.9373932122         0.61779506952         1.50348645         0.88667337789           1009         8017         8039         22         1.000304852         0.910995666         0.9376057772         0.6177291399         1.503227896         0.88667313475           1010         8039         80	1002	7937	7949	12	1.00016825	0.9107704307	0.9374121121	0.6178657389		0.8867650126
1004         7951         7963         12         1.000167921         0.9107861058         0.9374233458         0.6178660679         1.503427457         0.8867537789           1005         7963         7993         30         1.000418627         0.9110280765         0.9376682005         0.6176153614         1.503185486         0.8865089242           1006         7993         8009         16         1.000222533         0.910883615         0.9375090126         0.617811456         1.503330001         0.886681121           1007         8009         8011         2         1.000027779         0.9107243011         0.9373395455         0.6180062096         1.5034849261         0.8866375972           1008         8011         8017         6         1.000083294         0.910777173         0.9373932122         0.61779506952         1.503436445         0.88673839125           1009         8017         8039         22         1.000304852         0.9109085666         0.9376057772         0.6177291369         1.503227896         0.8865713475           1010         8039         8053         14         1.000193044         0.937519317         0.6178404852         1.503227896         0.886578077           1011         8053         8059         6										
1005         7963         7993         30         1.000418627         0.9110280765         0.9376682005         0.6176153614         1.503185486         0.8865089242           1006         7993         8009         16         1.000222533         0.9108835615         0.9375090126         0.617811456         1.503330001         0.886681121           1007         8009         8011         2         1.000027779         0.9107243011         0.9373395455         0.6180062096         1.503489261         0.8868375792           1008         8011         8017         6         1.000083294         0.9107771173         0.9373932122         0.6179506952         1.503436445         0.8867839125           1009         8017         8039         22         1.000304852         0.910985666         0.9376057772         0.6177291369         1.503227896         0.886773475           1010         8039         8053         14         1.000193504         0.9109090484         0.937519317         0.6178404852         1.503304514         0.8866578077           1011         8053         8059         6         1.000082811         0.9108239673         0.9374269252         0.6179511776         1.5033385959         0.88675701995           1012         8059         8069										
1006         7993         8009         16         1.000222533         0.9178090126         0.617811456         1.503330001         0.8866681121           1007         8009         8011         2         1.000027779         0.9107243011         0.9373395455         0.6180062096         1.503489261         0.8868375792           1008         8011         8017         6         1.000083294         0.9107771173         0.9373932122         0.6179506952         1.503436445         0.8867839125           1009         8017         8039         22         1.000304852         0.910985666         0.9376057772         0.6177291369         1.503227896         0.8865713475           1010         8039         8053         14         1.000193504         0.910990484         0.937519317         0.6178404852         1.503304514         0.8866578077           1011         8053         8059         6         1.000082311         0.9108239673         0.9374809252         0.6179511776         1.503389595         0.8867501995           1012         8059         8069         10         1.00013787         0.910883982         0.617961186         1.5033382718         0.8866937265           1013         8069         8081         12         1.000165196										
1007         8009         8011         2         1.000027779         0.9107243011         0.9373395455         0.6180062096         1.503489261         0.8868375792           1008         8011         8017         6         1.000083294         0.9107771173         0.9373932122         0.6179506952         1.503436445         0.8867839125           1009         8017         8039         22         1.000304852         0.910995666         0.9376057772         0.6177291369         1.503227896         0.8865713475           1010         8039         8053         14         1.000193504         0.9109909484         0.937519317         0.6178404852         1.503304514         0.8866578077           1011         8053         8059         6         1.000082811         0.9108239673         0.9374269252         0.6179511776         1.503389595         0.8867501995           1012         8059         8069         10         1.00013787         0.910880844         0.9375171084         0.6178661186         1.503332718         0.8866937265           1013         8069         8081         12         1.000165196         0.9108169378         0.9375171084         0.6178687927         1.503296625         0.8866600163           1014         8081         8087<										
1008         8011         8017         6         1.000083294         0.9107771173         0.9373932122         0.6179506952         1.503436445         0.8867839125           1009         8017         8039         22         1.000304852         0.910985666         0.9376057772         0.6177291369         1.503227896         0.8865713475           1010         8039         8053         14         1.000193504         0.9109090484         0.937519317         0.6178404852         1.503304514         0.8866578077           1011         8053         8059         6         1.000082811         0.9108239673         0.9374269252         0.6179511776         1.503389595         0.8867501995           1012         8059         8069         10         1.00013787         0.910880844         0.937439322         0.617951176         1.503332718         0.8866937265           1013         8069         8081         12         1.000165196         0.9109169378         0.9375171084         0.6178687927         1.503296625         0.8866600163           1014         8081         8087         6         1.000082492         0.9108550388         0.9374492838         0.6179514963         1.503358524         0.8867278409           1015         8087         8089 <td></td>										
1009         8017         8039         22         1.000304852         0.910985666         0.9376057772         0.6177291369         1.503227896         0.8865713475           1010         8039         8053         14         1.000193504         0.9109090484         0.937519317         0.6178404852         1.503304514         0.8866578077           1011         8053         8059         6         1.000082811         0.9108239673         0.9374269252         0.6179511776         1.503389595         0.8867501995           1012         8059         8069         10         1.00013787         0.9108239673         0.9374269252         0.6179511776         1.503396555         0.8866937265           1013         8069         8081         12         1.000165196         0.9109169378         0.9374171084         0.6178687927         1.503296625         0.8866600163           1014         8081         8087         6         1.000082492         0.9108550388         0.9374492838         0.6179514963         1.503358524         0.8867278409           1015         8087         8089         2         1.000027482         0.910811639         0.9374025608         0.6180065071         1.503401923         0.8867745639           1016         8089         8093<										
1010         8039         8053         14         1.000193504         0.9109090484         0.937519317         0.6178404852         1.503304514         0.8866578077           1011         8053         8059         6         1.000082811         0.9108239673         0.9374269252         0.6179511776         1.503389595         0.8867501995           1012         8059         8069         10         1.00013787         0.910880844         0.9374833982         0.6178961186         1.503332718         0.8866937265           1013         8069         8081         12         1.000165196         0.9109169378         0.9375171084         0.6178687927         1.503296625         0.8866600163           1014         8081         8087         6         1.000082492         0.91081550388         0.9374492838         0.6179514963         1.503358524         0.88667278409           1015         8087         8089         2         1.000027482         0.910811639         0.9374025608         0.6180065071         1.503401923         0.8867745639           1016         8089         8093         4         1.000054941         0.9108388821         0.9374299141         0.6179790474         1.50337468         0.8867472106           1017         8093         8101<										
1011         8053         8059         6         1.000082811         0.9108239673         0.9374269252         0.6179511776         1.503389595         0.8867501995           1012         8059         8069         10         1.00013787         0.910880844         0.9374833982         0.6178961186         1.503332718         0.8866937265           1013         8069         8081         12         1.000165196         0.9109169378         0.9375171084         0.6178687927         1.503296625         0.8866600163           1014         8081         8087         6         1.000082492         0.9108550388         0.9374492838         0.6179514963         1.503358524         0.8867278409           1015         8087         8089         2         1.000027482         0.910811639         0.9374025608         0.6180065071         1.503401923         0.8867745639           1016         8089         8093         4         1.000054941         0.9108388821         0.9374299141         0.6179790474         1.50337468         0.8867472106           1017         8093         8101         8         1.000109795         0.9108933068         0.9374845582         0.6179241935         1.503320256         0.8866925665           1018         8101         8101 <td></td>										
1012         8059         8069         10         1.00013787         0.910880844         0.9374833982         0.6178961186         1.503332718         0.8866937265           1013         8069         8081         12         1.000165196         0.9109169378         0.9375171084         0.6178687927         1.503296625         0.8866600163           1014         8081         8087         6         1.000082492         0.9108550388         0.9374492838         0.6179514963         1.503358524         0.8867278409           1015         8087         8089         2         1.000027482         0.910811639         0.9374025608         0.6180065071         1.503401923         0.8867745639           1016         8089         8093         4         1.000054941         0.9108388821         0.9374299141         0.6179790474         1.50337468         0.8867472106           1017         8093         8101         8         1.000109795         0.9108933068         0.9374845582         0.6179241935         1.503320256         0.8866925665           1018         8101         8111         10         1.000137077         0.9109270755         0.9375165762         0.6178969121         1.503326487         0.8866605485           1019         8111         8117 </td <td></td>										
1013         8069         8081         12         1.000165196         0.9109169378         0.9375171084         0.6178687927         1.503296625         0.8866600163           1014         8081         8087         6         1.000082492         0.9108550388         0.9374492838         0.6179514963         1.503358524         0.8867278409           1015         8087         8089         2         1.000027482         0.910811639         0.9374025608         0.6180065071         1.503401923         0.8867745639           1016         8089         8093         4         1.000054941         0.9108388821         0.9374299141         0.6179790474         1.50337468         0.8867472106           1017         8093         8101         8         1.000109795         0.9108933068         0.9374845582         0.6179241935         1.503320256         0.8866925665           1018         8101         8111         10         1.000137077         0.9109270755         0.9375165762         0.6178969121         1.5033286487         0.8866605485           1019         8111         8117         6         1.000082154         0.910881874         0.93747731369         0.6179519026         1.503318763         0.8866992298           1020         8117         8123										
1014         8081         8087         6         1.000082492         0.9108550388         0.9374492838         0.6179514963         1.503358524         0.8867278409           1015         8087         8089         2         1.000027482         0.910811639         0.9374025608         0.6180065071         1.503401923         0.8867745639           1016         8089         8093         4         1.000054941         0.9108388821         0.9374299141         0.6179790474         1.50337468         0.8867472106           1017         8093         8101         8         1.000109795         0.9108933068         0.9374845582         0.6179241935         1.503320256         0.8866925665           1018         8101         8111         10         1.000137077         0.9109270755         0.9375165762         0.6178969121         1.503286487         0.8866905485           1019         8111         8117         6         1.000082154         0.9108881874         0.9374731369         0.6179518351         1.503325375         0.8867039878           1020         8117         8123         6         1.000327713         0.9111251902         0.9377129633         0.6177062762         1.503088372         0.8864641614										
1015         8087         8089         2         1.000027482         0.910811639         0.9374025608         0.6180065071         1.503401923         0.8867745639           1016         8089         8093         4         1.000054941         0.9108388821         0.9374299141         0.6179790474         1.50337468         0.8867472106           1017         8093         8101         8         1.000109795         0.9108933068         0.9374845582         0.6179241935         1.503320256         0.8866925665           1018         8101         8111         10         1.000137077         0.9109270755         0.9375165762         0.6178969121         1.503286487         0.8866925665           1019         8111         8117         6         1.000082154         0.9108881874         0.9374731369         0.6179518351         1.503325375         0.8867039878           1020         8117         8123         6         1.000082086         0.9108947995         0.9374778949         0.6179519026         1.503318763         0.8866992298           1021         8123         8147         24         1.000327713         0.9111251902         0.9377129633         0.6177062762         1.503088372         0.8864641614										
1016       8089       8093       4       1.000054941       0.9108388821       0.9374299141       0.6179790474       1.50337468       0.8867472106         1017       8093       8101       8       1.000109795       0.9108933068       0.9374845582       0.6179241935       1.503320256       0.8866925665         1018       8101       8111       10       1.000137077       0.9109270755       0.9375165762       0.6178969121       1.503286487       0.8866605485         1019       8111       8117       6       1.000082154       0.910881874       0.9374731369       0.6179518351       1.503325375       0.8867039878         1020       8117       8123       6       1.000082086       0.9108947995       0.9374778949       0.6179519026       1.503318763       0.8866992298         1021       8123       8147       24       1.000327713       0.9111251902       0.9377129633       0.6177062762       1.503088372       0.8864641614										
1017         8093         8101         8         1.000109795         0.9108933068         0.9374845582         0.6179241935         1.503320256         0.8866925665           1018         8101         8111         10         1.000137077         0.9109270755         0.9375165762         0.6178969121         1.503286487         0.886605485           1019         8111         8117         6         1.000082154         0.910881874         0.9374731369         0.6179518351         1.503325375         0.8867039878           1020         8117         8123         6         1.000082086         0.9108947995         0.9374778949         0.6179519026         1.503318763         0.8866992298           1021         8123         8147         24         1.000327713         0.9111251902         0.9377129633         0.6177062762         1.503088372         0.8864641614										
1018         8101         8111         10         1.000137077         0.9109270755         0.9375165762         0.6178969121         1.503286487         0.8866605485           1019         8111         8117         6         1.000082154         0.9108881874         0.9374731369         0.6179518351         1.503325375         0.8867039878           1020         8117         8123         6         1.000082086         0.9108947995         0.9374778949         0.6179519026         1.503318763         0.8866992298           1021         8123         8147         24         1.000327713         0.9111251902         0.9377129633         0.6177062762         1.503088372         0.8864641614										
1019     8111     8117     6     1.000082154     0.9108881874     0.9374731369     0.6179518351     1.503325375     0.8867039878       1020     8117     8123     6     1.000082086     0.9108947995     0.9374778949     0.6179519026     1.503318763     0.8866992298       1021     8123     8147     24     1.000327713     0.9111251902     0.9377129633     0.6177062762     1.503088372     0.8864641614					1.000109795	0.9108933068	0.9374845582	0.6179241935	1.503320256	0.8866925665
1020     8117     8123     6     1.000082086     0.9108947995     0.9374778949     0.6179519026     1.503318763     0.8866992298       1021     8123     8147     24     1.000327713     0.9111251902     0.9377129633     0.6177062762     1.503088372     0.8864641614				10	1.000137077	0.9109270755	0.9375165762	0.6178969121	1.503286487	0.8866605485
1021         8123         8147         24         1.000327713         0.9111251902         0.9377129633         0.6177062762         1.503088372         0.8864641614		8111		6	1.000082154	0.9108881874	0.9374731369	0.6179518351	1.503325375	0.8867039878
	1020	8117	8123	6	1.000082086	0.9108947995	0.9374778949	0.6179519026	1.503318763	
1022         8147         8161         14         1.000190658         0.9110269714         0.9376037139         0.6178433311         1.503186591         0.8865734108	1021	8123	8147	24	1.000327713	0.9111251902	0.9377129633	0.6177062762	1.503088372	0.8864641614
	1022	8147	8161	14	1.000190658	0.9110269714	0.9376037139	0.6178433311	1.503186591	0.8865734108

4000	0404	0407		4 000004505	0.040040444	0.0075400505	0.047050004	4 500070454	0.0000044000
1023 1024	8161 8167	8167 8171	6	1.000081595 1.000054359	0.910943111 0.9109249269	0.9375126585 0.9374919119	0.617952394 0.61797963	1.503270451 1.503288636	0.8866644662
1024	8171	8179	8	1.000034339	0.9109249209	0.9375459777	0.6179253569	1.503234786	0.886631147
1026	8179	8191	12	1.000160032	0.911036873	0.9376030635	0.6178712577	1.503234766	0.8865740612
1027	8191	8209	18	1.000102731	0.9111237553	0.9376884269	0.6177903783	1.503089807	0.8864886978
1027	8209	8219	10	1.000135076	0.9110446603	0.937600961	0.6178989132	1.503168902	0.8865761637
1029	8219	8221	2	1.000133070	0.9109571639	0.9375075521	0.618006997	1.503256399	0.8866695726
1030	8221	8231	10	1.000134857	0.9110576117	0.9376102556	0.6178991321	1.503250399	0.8865668691
1031	8231	8233	2	1.000134637	0.9110370117	0.9376102550	0.6180070407	1.503133931	0.8866601288
1031	8233	8237	4	1.000026946	0.9109702542	0.9375169959	0.6179801138	1.503243306	0.8866333058
1032	8237	8243	6	1.000033873	0.91102583	0.9375721797	0.6179532297	1.503210393	0.886604945
1033	8243		20		0.91102563				
1034	8263	8263 8269	6	1.000268751		0.9377531549	0.6177652375	1.503009928 1.503159643	0.8864239698
1035	8269	8273	4	1.000080477	0.9110539196	0.9375923916	0.6179535118		0.8866052029
				1.000053615	0.9110359747	0.9375719218	0.6179803742	1.503177588	
1037	8273	8287	14	1.000187437	0.9111622333	0.9377005241	0.6178465519	1.503051329	0.8864766006
1038	8287	8291	4	1.000053485	0.9110554012	0.9375859183	0.6179805035	1.503158161	0.8865912064
1039	8291	8293	2	1.000026731	0.9110353645	0.9375639679	0.6180072573	1.503178198	0.8866131568
1040	8293	8297	4	1.000053442	0.9110618655	0.9375905757	0.6179805465	1.503151697	0.886586549
1041	8297	8311	14	1.000186835	0.9111877212	0.9377187669	0.6178471536	1.503025841	0.8864583578
1042	8311	8317	6	1.000079961	0.9111055013	0.9376295068	0.6179540278	1.503108061	0.8865476179
1043	8317	8329	12	1.000159736	0.9111846608	0.9377089823	0.6178742525	1.503028902	0.8864681424
1044	8329	8353	24	1.000318732	0.9113424607	0.9378674033	0.6177152565	1.502871102	0.8863097214
1045	8353	8363	10	1.000132493	0.9111986115	0.9377114444	0.6179014961	1.503014951	0.8864656803
1046	8363	8369	6	1.000079409	0.9111609817	0.9376694267	0.6179545797	1.503052581	0.886507698
1047	8369	8377	8	1.000105782	0.9111914425	0.9376988001	0.6179282069	1.50302212	0.8864783246
1048	8377	8387	10	1.000132071	0.9112239634	0.9377296383	0.6179019174	1.502989599	0.8864474864
1049	8387	8389	2	1.000026392	0.9111383744	0.9376382782	0.6180075969	1.503075188	0.8865388465
1050	8389	8419	30	1.000395115	0.9114764611	0.9379855419	0.6176388742	1.502737101	0.8861915828
1051	8419	8423	4	1.000052555	0.9111963371	0.9376874568	0.617981434	1.503017225	0.8864896679
1052	8423	8429	6	1.000078781	0.9112244881	0.9377151208	0.6179552075	1.502989074	0.8864620039
1053	8429	8431	2	1.000026246	0.9111829977	0.9376704677	0.6180077429	1.503030565	0.886506657
1054	8431	8443	12	1.000157341	0.9113045706	0.9377949227	0.6178766482	1.502908992	0.886382202
1055	8443	8447	4	1.000052389	0.9112216777	0.9377057131	0.6179815998	1.502991885	0.8864714116
1056	8447	8461	14	1.000183156	0.9113450704	0.937831391	0.6178508323	1.502868492	0.8863457337
1057	8461	8467	6	1.000078389	0.9112644302	0.9377438596	0.6179556002	1.502949132	0.8864332651
1058	8467	8501	34	1.00044312	0.9116031167	0.9380904408	0.6175908685	1.502610446	0.8860866839
1059	8501	8513	12	1.000155903	0.9113772511	0.9378470142	0.6178780855	1.502836311	0.8863301105
1060	8513	8521	8	1.000103797	0.9113423801	0.9378072615	0.6179301915	1.502871182	0.8863698632
1061	8521	8527	6	1.000077776	0.9113270627	0.9377889237	0.6179562128	1.5028865	0.886388201
1062	8527	8537	10	1.000129495	0.911380482	0.9378419642	0.6179044938	1.50283308	0.8863351605
1063	8537	8539	2	1.000025877	0.9112965296	0.9377523618	0.6180081113	1.502917033	0.8864247629
1064	8539	8543	4	1.000051735	0.9113221856	0.9377781207	0.6179822534	1.502891377	0.886399004
1065	8543	8563	20	1.000258301	0.9115146073	0.9379748447	0.6177756881	1.502698955	0.88620228
1066	8563	8573	10	1.000128891	0.9114175601	0.9378685734	0.6179050978	1.502796002	0.8863085513
1067	8573	8581	8	1.000102991	0.9114043761	0.9378518102	0.6179309975	1.502809186	0.8863253145
1068	8581	8597	16	1.000205674	0.9115062766	0.9379541134	0.6178283152	1.502707286	0.8862230113
1069	8597	8599	2	1.000025677	0.9113588616	0.9377973217	0.6180083118	1.502854701	0.886379803
1070	8599	8609	10	1.000128292	0.9114544534	0.93789505	0.6179056966	1.502759109	0.8862820747
1071	8609	8623	14	1.000179336	0.9115113383	0.9379504042	0.6178546529	1.502702224	0.8862267205
1072	8623	8627	4	1.000051176	0.9114090277	0.9378406808	0.6179828126	1.502804535	0.8863364439
1073	8627	8629	2	1.000025578	0.9113898323	0.9378196603	0.6180084109	1.50282373	0.8863574644
1074	8629	8641	12	1.000153339	0.9115083359	0.9379409664	0.6178806498	1.502705226	0.8862361583
1075	8641	8647	6	1.000076578	0.9114507636	0.9378779243	0.6179574108	1.502762799	0.8862992004
1076	8647	8663	16	1.000203933	0.911573018	0.9380018254	0.6178300561	1.502640544	0.8861752993
1077	8663	8669	6	1.000076362	0.9114732197	0.9378940807	0.6179576267	1.502740343	0.886283044
1078	8669	8677	8	1.000101726	0.9115025028	0.9379223207	0.6179322626	1.50271106	0.886254804
1079	8677	8681	4	1.000050823	0.9114643222	0.9378805132	0.617983166	1.50274924	0.8862966115
1080	8681	8689	8	1.00010157	0.9115146777	0.937931069	0.6179324186	1.502698885	0.8862460557
1081	8689	8693	4	1.000050745	0.911476554	0.9378893245	0.6179832439	1.502737008	0.8862878002
1082	8693	8699	6	1.00007607	0.9115037323	0.9379160334	0.6179579191	1.50270983	0.8862610913
1083	8699	8707	8	1.000101337	0.9115329024	0.9379441645	0.6179326518	1.50268066	0.8862329602
1084	8707	8713	6	1.000075934	0.9115179285	0.937926247	0.6179580549	1.502695634	0.8862508777
1085	8713	8719	6	1.000075876	0.9115240043	0.9379306182	0.6179581129	1.502689558	0.8862465065

1087	8731	8737	6	1.000075702	0.9115422017	0.9379437104	0.6179582865	1.502671361	0.8862334143
1088	8737	8741	4	1.000050435	0.91152528	0.9379244243	0.6179835533	1.502688282	0.8862527004
1089	8741	8747	6	1.000075606	0.911552292	0.9379509699	0.6179583826	1.50266127	0.8862261548
1090	8747	8753	6	1.000075549	0.9115583396	0.9379553208	0.6179584401	1.502655223	0.8862218039
1091	8753	8761	8	1.000100643	0.9115873084	0.9379832582	0.6179333454	1.502626254	0.8861938665
1092	8761	8779	18	1.000226089	0.9117097718	0.938106776	0.6178078996	1.502503791	0.8860703487
1093	8779	8783	4	1.000050168	0.9115676534	0.9379549474	0.617983821	1.502645909	0.8862221773
1094	8783	8803	20	1.000250484	0.9117542928	0.9381457477	0.6177835048	1.50245927	0.886031377
1095	8803	8807	4	1.000050016	0.9115917581	0.9379723107	0.6179839728	1.502621804	0.886204814
1096	8807	8819	12	1.000149904	0.911686844	0.9380689107	0.6178840846	1.502526718	0.886108214
1097	8819	8821	2	1.00002496	0.9115850364	0.9379604486	0.6180090283	1.502628526	0.8862166761
1098	8821	8831	10	1.000124714	0.9116779807	0.9380554646	0.6179092744	1.502535582	0.8861216601
1099	8831	8837	6	1.000074752	0.9116424898	0.9380158619	0.6179592372	1.502571073	0.8861612628
1100	8837	8839	2	1.000024904	0.9116030753	0.9379734582	0.6180090847	1.502610487	0.8862036665
1101	8839	8849	10	1.000124433	0.9116958111	0.9380682606	0.6179095561	1.502517751	0.8861088641
1102	8849	8861	12	1.000149115	0.9117283409	0.9380986536	0.6178848737	1.502485222	0.8860784711
1103	8861	8863	2	1.000024829	0.9116270589	0.9379907549	0.6180091596	1.502586504	0.8861863698
1104	8863	8867	4	1.00004964	0.9116516777	0.9380154716	0.6179843484	1.502561885	0.8861616531
1105	8867	8887	20	1.000247854	0.9118363712	0.9382042786	0.6177861349	1.502377191	0.8859728461
1106	8887	8893	6	1.000074229	0.9116980612	0.9380558414	0.6179597598	1.502515501	0.8861212833
1107	8893	8923	30	1.000370368	0.9119740122	0.9383379346	0.6176636209	1.50223955	0.8858391901
1108	8923	8929	6	1.000073897	0.9117335656	0.9380813838	0.617960092	1.502479997	0.8860957409
1109	8929	8933	4	1.000049233	0.9117170316	0.9380625459	0.6179847555	1.502496531	0.8861145788
1110	8933	8941	8	1.000098396	0.9117658164	0.9381115236	0.6179355931	1.502447746	0.8860656011
1111	8941	8951	10	1.000122859	0.9117960421	0.9381401913	0.61791113	1.50241752	0.8860369334
1112	8951	8963	12	1.000147231	0.9118281547	0.9381701959	0.6178867574	1.502385408	0.8860069288
1113	8963	8969	6	1.000073531	0.9117728151	0.9381096202	0.6179604578	1.502440747	0.8860675045
1114	8969	8971	2	1.000024498	0.91173403	0.9380678984	0.6180094912	1.502479532	0.8861092263
1115	8971	8999	28	1.000342385	0.9120258246	0.9383675157	0.6176916033	1.502187738	0.885809609
1116	8999	9001	2	1.000024407	0.9117634706	0.9380891291	0.6180095818	1.502450092	0.8860879956
1117	9001	9007	6	1.000073187	0.9118099091	0.9381363057	0.6179608022	1.502403653	0.886040819
1118	9007	9011	4	1.00004876	0.9117935277	0.9381176441	0.6179852283	1.502420035	0.8860594806
1119	9011	9013	2	1.000024371	0.9117752139	0.9380975976	0.6180096178	1.502438348	0.8860795271
1120	9013	9029	16	1.000194768	0.9119325352	0.9382588587	0.6178392208	1.502281027	0.885918266
1121	9029	9041	12	1.000145821	0.9119035778	0.9382242565	0.6178881675	1.502309985	0.8859528682
1122	9041	9043	2	1.000024281	0.9118044905	0.9381187095	0.6180097076	1.502409072	0.8860584152
1123	9043	9049	6	1.00007281	0.911850691	0.9381656439	0.6179611792	1.502362871	0.8860114808
1124	9049	9059	10	1.000121233	0.9119006996	0.9382152984	0.6179127555	1.502312863	0.8859618263
1125	9059	9067	8	1.000096879	0.9118882437	0.9381994907	0.6179371102	1.502325319	0.885977634
1126	9067	9091	24	1.000290095	0.9120722115	0.9383863751	0.6177438933	1.502141351	0.8857907496
1127	9091	9103	12	1.000144719	0.9119629809	0.9382668347	0.6178892701	1.502250581	0.88591029
1128	9103	9109	6	1.000072277	0.9119085607	0.9382072744	0.6179617114	1.502305002	0.8859698503
1129	9109	9127	18	1.000216531	0.9120459083	0.9383467996	0.6178174577	1.502167654	0.8858303251
1130	9127	9133	6	1.000072067	0.9119315813	0.9382238348	0.6179619222	1.502281981	0.8859532899
1131	9133	9137	4	1.000048015	0.9119154408	0.9382054515	0.6179859742	1.502298122	0.8859716732
1132	9137	9151	14	1.000167878	0.9120285995	0.9383206882	0.6178661111	1.502184963	0.8858564365
1133	9151	9157	6	1.000071857	0.9119545299	0.9382403433	0.6179621319	1.502259032	0.8859367814
1134	9157	9161	4	1.000047875	0.9119384345	0.9382220121	0.6179861137	1.502275128	0.8859551126
1135	9161	9173	12	1.000143493	0.9120294746	0.9383144956	0.6178904959	1.502184088	0.8858626291
1136	9173	9181	8	1.000095544	0.9119972779	0.938277833	0.6179384448	1.502216285	0.8858992917
1137	9181	9187	6	1.000071596	0.9119831149	0.9382609063	0.6179623923	1.502230448	0.8859162184
1138	9187	9199	12	1.000143043	0.9120540192	0.9383320885	0.6178909462	1.502159543	0.8858450362
1139	9199	9203	4	1.000047633	0.9119785006	0.9382508684	0.6179863562	1.502235062	0.8859262563
1140	9203	9209	6	1.000071407	0.9120040065	0.9382759349	0.6179625821	1.502209556	0.8859011898
1141	9209	9221	12	1.000142664	0.9120747234	0.9383469289	0.6178913251	1.502138839	0.8858301958
1142	9221	9227	6	1.000071252	0.9120210554	0.9382881991	0.6179627367	1.502192507	0.8858889256
1143	9227	9239	12	1.000142355	0.9120916197	0.9383590397	0.6178916337	1.502121943	0.885818085
1144	9239	9241	2	1.000023704	0.911994843	0.9382559685	0.6180102843	1.502218719	0.8859211562
1145	9241	9257	16	1.000189447	0.912147899	0.9384128476	0.6178445418	1.502065663	0.885764277
1146	9257	9277	20	1.000236304	0.9122058405	0.9384677897	0.6177976847	1.502007722	0.885709335
1147	9277	9281	4	1.000047189	0.9120523325	0.9383040419	0.6179868002	1.50216123	0.8858730828
1148	9281	9283	2	1.000023586	0.9120345931	0.9382846297	0.6180104032	1.502178969	0.885892495
1149	9283	9293	10	1.000117849	0.9121224551	0.9383744396	0.6179161401	1.502091107	0.8858026851
1150	9293	9311	18	1.000211783	0.9122175826	0.9384694022	0.6178222054	1.50199598	0.8857077225

1	151	0211	0210	0	1 000003075	0.0121271201	0.9383711307	0.6170400141	1 502096422	0.885805994
	151 152	9311 9319	9319 9323	8	1.000093975 1.000046953	0.9121271291 0.9120917816	0.9383711307	0.6179400141 0.6179870361	1.502086433 1.502121781	0.8858446723
	153	9323	9337	14	1.000040933	0.9122024547	0.9384451534	0.6178698206	1.502011108	0.8857319713
	154	9337	9341	4	1.000104100	0.9121086234	0.9383445814	0.6179871365	1.502011100	0.8858325433
	155	9341	9343	2	1.000040832	0.9121000234	0.9383253049	0.6180105712	1.502104959	0.8858518198
	156	9343	9349	6	1.000023418	0.912135573	0.9383705763	0.6179637679	1.502122555	0.8858065484
	157	9349	9371	22	1.000070221	0.9123116284	0.9385499668	0.6177769154	1.501901934	0.8856271579
	158	9349	9377	6	1.000257073	0.9123110204	0.9383893013	0.6179640006		0.8857878234
				14	1.00016312				1.502051958 1.501961401	
	159 160	9377 9391	9391 9397	6	1.00016312	0.9122521618 0.9121801413	0.9384807402	0.6178708684		0.8856963845
	161	9391		6	1.000069823		0.9384026354	0.6179641658	1.502033421	0.8857744893
			9403			0.9121856933	0.9384066291	0.6179642153	1.502027869	0.8857704956
	162	9403	9413	10	1.000116182	0.9122336166	0.9384542133	0.6179178066	1.501979946	0.8857229114
	163	9413	9419	6	1.000069642	0.9122004778	0.9384172638	0.6179643468	1.502013085	0.8857598609
	164	9419	9421		1.000023203	0.9121636998	0.9383777157	0.6180107862	1.502049863	0.885799409
	165	9421	9431	10	1.000115936	0.9122501456	0.9384660751	0.6179180527	1.501963417	0.8857110496
	166	9431	9433	2	1.00002317	0.9121748193	0.9383857326	0.618010819	1.502038743	0.8857913921
	167	9433	9437	4	1.000046324	0.9121977959	0.9384087996	0.617987665	1.502015766	0.8857683251
	168	9437	9439	2	1.000023153	0.9121803728	0.9383897365	0.6180108353	1.50203319	0.8857873882
	169	9439	9461	22	1.000254359	0.9123931242	0.9386080313	0.6177796302	1.501820438	0.8855690934
	170	9461	9463	2	1.000023088	0.9122025443	0.9384057214	0.6180109005	1.502011018	0.8857714033
	171	9463	9467	4	1.000046161	0.9122254402	0.9384287073	0.6179878279	1.501988122	0.8857484174
	172	9467	9473	6	1.000069202	0.9122501554	0.9384529974	0.6179647872	1.501963407	0.8857241273
	173	9473	9479	6	1.000069153	0.9122556543	0.9384569528	0.6179648358	1.501957908	0.8857201719
	174	9479	9491	12	1.000138165	0.9123241461	0.9385257115	0.6178958236	1.501889416	0.8856514132
	175	9491	9497	6	1.000069008	0.912272126	0.9384688009	0.6179649812	1.501941436	0.8857083238
	176	9497	9511	14	1.000160837	0.9123614207	0.9385589633	0.6178731516	1.501852142	0.8856181614
	177	9511	9521	10	1.00011472	0.9123322316	0.9385249827	0.6179192684	1.501881331	0.885652142
	178	9521	9533	12	1.00013749	0.9123621882	0.9385529798	0.6178964991	1.501851374	0.8856241449
	179	9533	9539	6	1.000068671	0.9123104157	0.9384963425	0.6179653182	1.501903147	0.8856807822
	180	9539	9547	8	1.000091487	0.9123367276	0.9385217222	0.6179425015	1.501876835	0.8856554025
	181	9547	9551	4	1.000045711	0.9123022908	0.9384840492	0.6179882781	1.501911272	0.8856930755
	182	9551	9587	36	1.000410518	0.9126387503	0.9388290412	0.6176234706	1.501574812	0.8853480835
	183	9587	9601	14	1.000159164	0.9124422994	0.9386168689	0.6178748243	1.501771263	0.8855602558
	184	9601	9613	12	1.00013622	0.9124341024	0.9386045277	0.6178977684	1.50177946	0.885572597
	185	9613	9619	6	1.000068037	0.9123827953	0.938548404	0.6179659516	1.501830767	0.8856287207
	186	9619	9623	4	1.000045331	0.9123675227	0.9385310228	0.6179886573	1.50184604	0.8856461019
	187	9623	9629	6	1.000067959	0.9123917922	0.9385548752	0.61796603	1.50182177	0.8856222495
	188	9629	9631	2	1.000022642	0.9123558838	0.9385162686	0.6180113468	1.501857679	0.8856608561
	189	9631	9643	12	1.00013575	0.9124608874	0.9386237272	0.6178982386	1.501752675	0.8855533975
	190	9643	9649	6	1.000067803	0.9124097528	0.9385677937	0.6179661862	1.50180381	0.885609331
1	191	9649	9661	12	1.000135469	0.9124769111	0.9386352129	0.6178985193	1.501736651	0.8855419118
	192	9661	9677	16	1.00018034	0.9125286822	0.9386851427	0.6178536487	1.50168488	0.885491982
	193	9677	9679	2	1.000022517	0.9123991078	0.9385474285	0.6180114713	1.501814455	0.8856296962
	194	9679	9689	10	1.000112515	0.91248302	0.9386331929	0.6179214737	1.501730542	0.8855439318
	195	9689	9697	8	1.000089918	0.9124713978	0.9386184766	0.6179440704	1.501742165	0.8855586481
	196	9697	9719	22	1.000246871	0.9126217888	0.9387709703	0.6177871174	1.501591774	0.8854061544
	197	9719	9721	2	1.00002241	0.9124367189	0.9385745415	0.6180115791	1.501776843	0.8856025832
	198	9721	9733	12	1.000134358	0.9125406533	0.9386809035	0.6178996309	1.501672909	0.8854962212
	199	9733	9739	6	1.000067108	0.9124900293	0.9386255335	0.617966881	1.501723533	0.8855515912
	200	9739	9743	4	1.000044713	0.9124749572	0.9386083838	0.6179892762	1.501738605	0.8855687409
	201	9743	9749	6	1.000067031	0.9124988943	0.9386319097	0.6179669573	1.501714668	0.885545215
	202	9749	9767	18	1.000200834	0.9126263367	0.9387613577	0.6178331551	1.501587226	0.885415767
	203	9767	9769	2	1.000022288	0.9124794657	0.938605356	0.6180117012	1.501734097	0.8855717687
	204	9769	9781	12	1.000133626	0.9125828383	0.9387111419	0.6179003624	1.501630724	0.8854659828
	205	9781	9787	6	1.000066743	0.9125324826	0.938656068	0.6179672459	1.50168108	0.8855210567
	206	9787	9791	4	1.00004447	0.9125174893	0.9386390091	0.6179895192	1.501696073	0.8855381156
	207	9791	9803	12	1.000133294	0.9126020911	0.9387249424	0.6179006951	1.501611471	0.8854521823
	208	9803	9811	8	1.00008876	0.9125720995	0.9386908245	0.6179452287	1.501641463	0.8854863002
	209	9811	9817	6	1.000066517	0.9125588901	0.9386750613	0.6179674721	1.501654672	0.8855020634
	210	9817	9829	12	1.000132903	0.9126247785	0.9387412048	0.6179010862	1.501588784	0.8854359199
	211	9829	9833	4	1.000044259	0.9125545011	0.9386656591	0.6179897298	1.501659061	0.8855114656
12	212	9833	9839	6	1.000066352	0.9125781945	0.9386889457	0.6179676371	1.501635368	0.885488179
12	213	9839	9851	12	1.000132573	0.91264392	0.9387549256	0.6179014155	1.501569642	0.8854221991
	214	9851	9857	6	1.000066217	0.9125939507	0.9387002781	0.6179677714	1.501619612	0.8854768466

4045	0057	0050	0	4 000000000	0.0405500400	0.000000040	0.0400440007	4 50405400	0.00554.44707
1215	9857	9859	2	1.000022062	0.9125589426	0.938662646	0.6180119267	1.50165462	0.8855144787
1216	9859	9871	12	1.000132275	0.9126612774	0.9387673675	0.6179017135	1.501552285	0.8854097572
1217	9871	9883	12	1.000132097	0.9126716719	0.9387748184	0.6179018917	1.50154189	0.8854023063
1218	9883	9887	4	1.000043991	0.9126018113	0.9386997237	0.6179899978	1.501611751	0.885477401
1219	9887	9901	14	1.000153821	0.9127055489	0.9388053502	0.6178801674	1.501508013	0.8853717745
1220	9901	9907	6	1.000065847	0.9126375388	0.9387316277	0.617968142	1.501576024	0.885445497
1221	9907	9923	16	1.000175385	0.9127427548	0.9388382391	0.6178586037	1.501470808	0.8853388856
1222	9923	9929	6	1.000065685	0.9126566345	0.9387453617	0.6179683038	1.501556928	0.885431763
1223	9929	9931	2	1.000021885	0.9126219017	0.9387080275	0.618012104	1.501591661	0.8854690972
1224	9931	9941	10	1.000109355	0.9127034731	0.9387913946	0.6179246336	1.501510089	0.8853857301
1225	9941	9949	8	1.000087395	0.9126921544	0.9387770748	0.6179465933	1.501521408	0.8854000499
1226	9949	9967	18	1.000196366	0.9127985728	0.9388843947	0.6178376229	1.50141499	0.88529273
1227	9967	9973	6	1.000065364	0.9126946751	0.9387727209	0.6179686251	1.501518887	0.8854044038