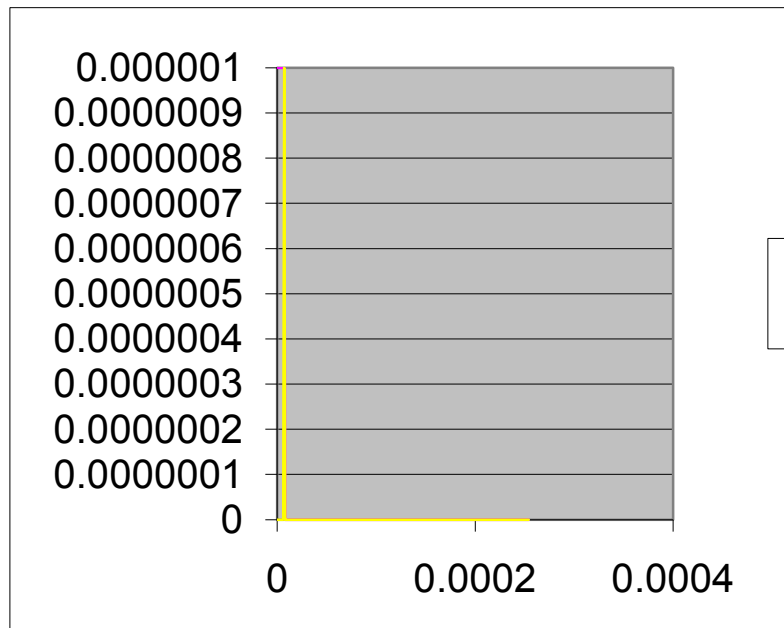


Výpočet toků v nehomogenním prostředí:
s krokem vzdálenosti

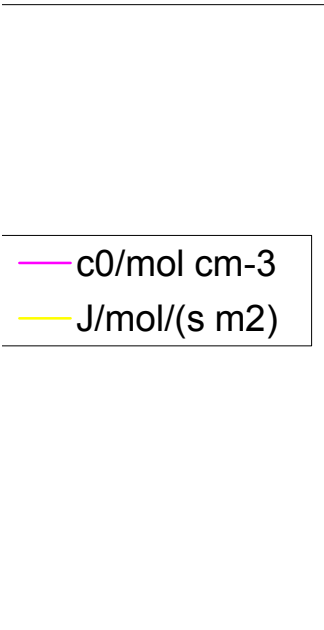
Difúzní koeficient= 1.00E-12
Plocha= 1
krok vzdálenosti= 1.00E-06

x /m	0	1.00E-06	2.00E-06	3.00E-06	4.00E-06	5.00E-06	6.00E-06	7.00E-06
c0/mol m-3	1	1	1	1	1	1	1	1
c0/mol cm-3	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001
J/mol/(s m2)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-06



m² s⁻¹
m²
m

8.00E-06	9.00E-06	1.00E-05	1.10E-05	1.20E-05	1.30E-05	1.40E-05	1.50E-05	1.60E-05
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00



2.51E-04	2.52E-04	2.53E-04	2.54E-04
0	0	0	0
0	0	0	0
0.00E+00	0.00E+00	0.00E+00	#REF!

Výpočet toků v nehomogenním prostředí:
s krokem času

Difúzní koefic
Plocha=
krok vzdáleno
krok času=

t=	0 sec					
x /m	0	1.00E-06	2.00E-06	3.00E-06	4.00E-06	5.00E-06
c0/mol m-3	100	100	100	100	100	100
J/mol/(s m2)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

působení toků po dobu dt

t=	1.00E-02 sec					
dn /mol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
dc /mol m-3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
c(t+dt) /mol cm-3	100	100	100	100	100	100

coefficient= 1.00E-12 m² s⁻¹

1 m²

porosity= 1.00E-06 m²

1.00E-02 s

6.00E-06	7.00E-06	8.00E-06	9.00E-06	1.00E-05	1.10E-05	1.20E-05
100	100	0	0	0	0	0
0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

0.00E+00	1.00E-06	-1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	1.00E+00	-1.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	99	1	0	0	0	0

1.21E-04	1.22E-04	1.23E-04	1.24E-04	1.25E-04	1.26E-04	1.27E-04	1.28E-04	1.29E-04
0	0	0	0	0	0	1	1	1
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.00E-06	0.00E+00	0.00E+00	0.00E+00

0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.00E-06	1.00E-06	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.00E+00	1.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00

1.30E-04	1.31E-04	1.32E-04	1.33E-04	1.34E-04	1.35E-04	1.36E-04	1.37E-04	1.38E-04
1	1	1	0	0	0	0	0	0
0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

0.00E+00	1.00E-06	-1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	1.00E+00	-1.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1.00E+00	2.00E+00	-2.66E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.84E-04	1.85E-04	1.86E-04	1.87E-04	1.88E-04	1.89E-04	1.90E-04	1.91E-04	1.92E-04
0	0	0	0	0	0	0	0	1
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.00E-06	0.00E+00

0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.00E-06	1.00E-06	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.00E+00	1.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.00E+00	1.00E+00	1.00E+00

1.93E-04	1.94E-04	1.95E-04	1.96E-04	1.97E-04	1.98E-04	1.99E-04	2.00E-04	2.01E-04
1	1	1	1	1	0	0	0	0
0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00

0.00E+00	0.00E+00	0.00E+00	1.00E-06	-1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	1.00E+00	-1.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1.00E+00	1.00E+00	1.00E+00	2.00E+00	-2.66E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Mehomogenní výchozí koncentrace a časový vývo s 2. Fickovým zákonem

okrajová podmínka

tok do povrchu je nulový tj kocentrace= 0

Difúzní koeficient=

Plocha=

krok vzdálenosti=

výchzí krok času=

t/s vs. x /m	0	1.00E-06	2.00E-06	3.00E-06	4.00E-06	5.00E-06	6.00E-06
0	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
1.00E-01	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
2.00E-01	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
5.00E-01	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.10000
1.20E+00	0.00000	0.00000	0.00000	0.00000	0.00000	0.01000	0.33000
2.90E+00	0.00000	0.00000	0.00000	0.00000	0.00100	0.04100	0.68600
7.00E+00	0.00000	0.00000	0.00000	0.00010	0.00490	0.10150	1.14940
1.69E+01	0.00000	0.00000	0.00001	0.00057	0.01408	0.19663	1.69708
4.08E+01	0.00000	0.00000	0.00007	0.00187	0.03098	0.32842	2.30633
9.85E+01	0.00000	0.00001	0.00024	0.00460	0.05782	0.49647	2.95701
2.38E+02	0.00000	0.00003	0.00065	0.00948	0.09636	0.69866	3.63225
5.74E+02	0.00000	0.00009	0.00147	0.01729	0.14790	0.93179	4.31844
1.39E+03	0.00000	0.00022	0.00292	0.02877	0.21323	1.19206	5.00491
3.35E+03	0.00000	0.00047	0.00523	0.04463	0.29267	1.47547	5.68350
3.35E+03	0.00000	0.00090	0.00869	0.06549	0.38614	1.77799	6.34810
3.35E+03	0.00000	0.00159	0.01359	0.09188	0.49326	2.09581	6.99428
3.35E+03	0.00000	0.00263	0.02022	0.12419	0.61338	2.42541	7.61893
3.35E+03	0.00000	0.00412	0.02886	0.16271	0.74566	2.76356	8.21998
3.35E+03	0.00000	0.00619	0.03977	0.20762	0.88916	3.10741	8.79616
3.35E+03	0.00000	0.00893	0.05320	0.25899	1.04283	3.45446	9.34681
3.35E+03	0.00000	0.01246	0.06935	0.31679	1.20561	3.80253	9.87175
3.35E+03	0.00000	0.01690	0.08840	0.38093	1.37642	4.14976	10.37116
3.35E+03	0.00000	0.02236	0.11051	0.45123	1.55420	4.49457	10.84546
3.35E+03	0.00000	0.02894	0.13576	0.52745	1.73794	4.83562	11.29528
3.35E+03	0.00000	0.03673	0.16425	0.60933	1.92666	5.17182	11.72138
3.35E+03	0.00000	0.04581	0.19601	0.69656	2.11944	5.50226	12.12460
3.35E+03	0.00000	0.05625	0.23104	0.78879	2.31544	5.82621	12.50585
3.35E+03	0.00000	0.06810	0.26934	0.88568	2.51385	6.14310	12.86606
3.35E+03	0.00000	0.08142	0.31085	0.98686	2.71396	6.45247	13.20618
3.35E+03	0.00000	0.09622	0.35551	1.09197	2.91510	6.75399	13.52717
3.35E+03	0.00000	0.11252	0.40322	1.20064	3.11668	7.04742	13.82994
3.35E+03	0.00000	0.13034	0.45390	1.31250	3.31815	7.33260	14.11542
3.35E+03	0.00000	0.14966	0.50740	1.42720	3.51903	7.60943	14.38449
3.35E+03	0.00000	0.17047	0.56361	1.54441	3.71888	7.87790	14.63800
3.35E+03	0.00000	0.19274	0.62237	1.66377	3.91734	8.13801	14.87676
3.35E+03	0.00000	0.21643	0.68355	1.78499	4.11405	8.38982	15.10157
3.35E+03	0.00000	0.24150	0.74698	1.90775	4.30872	8.63341	15.31317
3.35E+03	0.00000	0.26790	0.81251	2.03177	4.50109	8.86892	15.51226
3.35E+03	0.00000	0.29557	0.87997	2.15678	4.69094	9.09647	15.69953
3.35E+03	0.00000	0.32445	0.94921	2.28251	4.87808	9.31622	15.87562
3.35E+03	0.00000	0.35448	1.02007	2.40874	5.06234	9.52835	16.04113
3.35E+03	0.00000	0.38559	1.09238	2.53523	5.24358	9.73303	16.19664
3.35E+03	0.00000	0.41771	1.16598	2.66178	5.42169	9.93044	16.34269
3.35E+03	0.00000	0.45077	1.24074	2.78819	5.59657	10.12079	16.47979
3.35E+03	0.00000	0.48469	1.31649	2.91429	5.76816	10.30427	16.60843
3.35E+03	0.00000	0.51940	1.39309	3.03989	5.93638	10.48108	16.72905
3.35E+03	0.00000	0.55483	1.47040	3.16486	6.10120	10.65140	16.84210
3.35E+03	0.00000	0.59090	1.54829	3.28905	6.26259	10.81545	16.94798
3.35E+03	0.00000	0.62755	1.62662	3.41233	6.42052	10.97342	17.04707

3.35E+03	0.00000	0.66470	1.70529	3.53458	6.57499	11.12549	17.13973
3.35E+03	0.00000	0.70229	1.78416	3.65569	6.72600	11.27187	17.22630
3.35E+03	0.00000	0.74025	1.86312	3.77557	6.87356	11.41272	17.30711
3.35E+03	0.00000	0.77851	1.94208	3.89412	7.01767	11.54825	17.38245
3.35E+03	0.00000	0.81702	2.02093	4.01127	7.15838	11.67861	17.45261
3.35E+03	0.00000	0.85571	2.09957	4.12695	7.29569	11.80399	17.51786
3.35E+03	0.00000	0.89452	2.17792	4.24108	7.42964	11.92454	17.57845
3.35E+03	0.00000	0.93341	2.25590	4.35362	7.56028	12.04044	17.63462
3.35E+03	0.00000	0.97232	2.33342	4.46452	7.68763	12.15185	17.68660
3.35E+03	0.00000	1.01120	2.41042	4.57372	7.81174	12.25890	17.73461
3.35E+03	0.00000	1.05000	2.48683	4.68119	7.93265	12.36175	17.77883
3.35E+03	0.00000	1.08868	2.56258	4.78690	8.05042	12.46055	17.81946
3.35E+03	0.00000	1.12720	2.63762	4.89082	8.16508	12.55543	17.85668
3.35E+03	0.00000	1.16553	2.71190	4.99293	8.27669	12.64652	17.89067
3.35E+03	0.00000	1.20361	2.78537	5.09320	8.38530	12.73395	17.92157
3.35E+03	0.00000	1.24143	2.85797	5.19163	8.49095	12.81785	17.94954
3.35E+03	0.00000	1.27894	2.92968	5.28819	8.59371	12.89833	17.97472
3.35E+03	0.00000	1.31612	3.00046	5.38289	8.69362	12.97550	17.99725
3.35E+03	0.00000	1.35294	3.07027	5.47572	8.79074	13.04949	18.01726
3.35E+03	0.00000	1.38938	3.13908	5.56668	8.88511	13.12039	18.03486
3.35E+03	0.00000	1.42541	3.20687	5.65576	8.97679	13.18831	18.05017
3.35E+03	0.00000	1.46102	3.27362	5.74298	9.06584	13.25335	18.06331
3.35E+03	0.00000	1.49617	3.33929	5.82833	9.15231	13.31559	18.07436
3.35E+03	0.00000	1.53087	3.40388	5.91182	9.23624	13.37514	18.08343
3.35E+03	0.00000	1.56508	3.46738	5.99347	9.31769	13.43208	18.09061
3.35E+03	0.00000	1.59880	3.52976	6.07328	9.39670	13.48649	18.09598
3.35E+03	0.00000	1.63202	3.59101	6.15127	9.47334	13.53846	18.09964
3.35E+03	0.00000	1.66472	3.65114	6.22745	9.54765	13.58807	18.10165
3.35E+03	0.00000	1.69689	3.71013	6.30184	9.61967	13.63538	18.10210
3.35E+03	0.00000	1.72852	3.76798	6.37445	9.68946	13.68048	18.10104
3.35E+03	0.00000	1.75962	3.82468	6.44530	9.75706	13.72344	18.09856
3.35E+03	0.00000	1.79016	3.88023	6.51442	9.82252	13.76431	18.09471
3.35E+03	0.00000	1.82015	3.93465	6.58181	9.88589	13.80317	18.08955
3.35E+03	0.00000	1.84959	3.98791	6.64750	9.94721	13.84008	18.08314
3.35E+03	0.00000	1.87846	4.04004	6.71151	10.00653	13.87510	18.07554
3.35E+03	0.00000	1.90677	4.09103	6.77387	10.06388	13.90829	18.06680
3.35E+03	0.00000	1.93452	4.14089	6.83458	10.11932	13.93970	18.05696
3.35E+03	0.00000	1.96170	4.18962	6.89369	10.17289	13.96939	18.04607
3.35E+03	0.00000	1.98833	4.23724	6.95120	10.22462	13.99740	18.03418
3.35E+03	0.00000	2.01438	4.28374	7.00715	10.27455	14.02380	18.02133
3.35E+03	0.00000	2.03988	4.32915	7.06155	10.32274	14.04863	18.00757
3.35E+03	0.00000	2.06482	4.37346	7.11443	10.36921	14.07194	17.99292
3.35E+03	0.00000	2.08920	4.41669	7.16581	10.41400	14.09376	17.97742
3.35E+03	0.00000	2.11303	4.45885	7.21572	10.45716	14.11415	17.96112
3.35E+03	0.00000	2.13631	4.49996	7.26417	10.49871	14.13315	17.94404
3.35E+03	0.00000	2.15904	4.54001	7.31121	10.53870	14.15080	17.92622
3.35E+03	0.00000	2.18124	4.57904	7.35684	10.57716	14.16713	17.90769
3.35E+03	0.00000	2.20289	4.61704	7.40109	10.61413	14.18219	17.88847
3.35E+03	0.00000	2.22402	4.65403	7.44399	10.64963	14.19601	17.86859
3.35E+03	0.00000	2.24462	4.69002	7.48556	10.68370	14.20863	17.84808
3.35E+03	0.00000	2.26470	4.72504	7.52582	10.71638	14.22008	17.82697
3.35E+03	0.00000	2.28426	4.75908	7.56480	10.74769	14.23040	17.80528
3.35E+03	0.00000	2.30332	4.79217	7.60251	10.77768	14.23962	17.78303
3.35E+03	0.00000	2.32187	4.82432	7.63900	10.80635	14.24777	17.76025
3.36E+03	0.00000	2.33993	4.85554	7.67426	10.83376	14.25487	17.73695
3.36E+03	0.00000	2.35750	4.88585	7.70834	10.85992	14.26097	17.71316

3.36E+03	0.00000	2.37458	4.91527	7.74125	10.88487	14.26608	17.68890
3.36E+03	0.00000	2.39119	4.94380	7.77301	10.90863	14.27024	17.66418
3.36E+03	0.00000	2.40733	4.97146	7.80365	10.93123	14.27348	17.63902
3.36E+03	0.00000	2.42301	4.99826	7.83319	10.95270	14.27581	17.61345
3.36E+03	0.00000	2.43824	5.02423	7.86165	10.97306	14.27726	17.58747
3.36E+03	0.00000	2.45301	5.04937	7.88905	10.99234	14.27786	17.56110
3.36E+03	0.00000	2.46735	5.07371	7.91541	11.01056	14.27763	17.53436
3.36E+03	0.00000	2.48125	5.09724	7.94075	11.02775	14.27660	17.50726
3.36E+03	0.00000	2.49472	5.11999	7.96510	11.04394	14.27478	17.47982
3.36E+03	0.00000	2.50778	5.14198	7.98847	11.05914	14.27220	17.45204
3.36E+03	0.00000	2.52042	5.16321	8.01089	11.07338	14.26888	17.42395
3.36E+03	0.00000	2.53266	5.18370	8.03237	11.08668	14.26483	17.39556
3.36E+03	0.00000	2.54449	5.20346	8.05293	11.09906	14.26009	17.36687
3.36E+03	0.00000	2.55594	5.22251	8.07260	11.11055	14.25467	17.33790
3.36E+03	0.00000	2.56700	5.24086	8.09139	11.12117	14.24858	17.30866
3.36E+03	0.00000	2.57769	5.25853	8.10931	11.13093	14.24184	17.27916
3.36E+03	0.00000	2.58800	5.27552	8.12640	11.13986	14.23448	17.24941
3.36E+03	0.00000	2.59796	5.29186	8.14265	11.14798	14.22651	17.21942
3.36E+03	0.00000	2.60755	5.30755	8.15811	11.15530	14.21795	17.18920
3.36E+03	0.00000	2.61680	5.32260	8.17277	11.16184	14.20881	17.15876
3.36E+03	0.00000	2.62570	5.33704	8.18666	11.16763	14.19911	17.12811
3.36E+03	0.00000	2.63426	5.35087	8.19980	11.17268	14.18886	17.09726
3.36E+03	0.00000	2.64250	5.36410	8.21219	11.17701	14.17808	17.06622
3.36E+03	0.00000	2.65041	5.37675	8.22387	11.18064	14.16679	17.03498
3.36E+03	0.00000	2.65800	5.38883	8.23483	11.18358	14.15499	17.00357
3.36E+03	0.00000	2.66528	5.40034	8.24510	11.18584	14.14271	16.97199
3.36E+03	0.00000	2.67226	5.41131	8.25470	11.18746	14.12995	16.94024
3.36E+03	0.00000	2.67894	5.42175	8.26364	11.18843	14.11673	16.90834
3.36E+03	0.00000	2.68533	5.43166	8.27193	11.18878	14.10306	16.87629
3.36E+03	0.00000	2.69143	5.44105	8.27959	11.18852	14.08896	16.84409
3.36E+03	0.00000	2.69725	5.44994	8.28663	11.18767	14.07443	16.81176
3.36E+03	0.00000	2.70279	5.45834	8.29306	11.18624	14.05948	16.77929
3.36E+03	0.00000	2.70807	5.46626	8.29891	11.18425	14.04414	16.74670
3.36E+03	0.00000	2.71308	5.47370	8.30418	11.18170	14.02841	16.71400
3.36E+03	0.00000	2.71783	5.48069	8.30888	11.17862	14.01230	16.68118
3.36E+03	0.00000	2.72234	5.48722	8.31304	11.17502	13.99582	16.64825
3.36E+03	0.00000	2.72659	5.49332	8.31665	11.17090	13.97898	16.61522
3.36E+03	0.00000	2.73060	5.49898	8.31974	11.16628	13.96180	16.58209
3.36E+03	0.00000	2.73438	5.50422	8.32232	11.16118	13.94427	16.54887
3.36E+03	0.00000	2.73793	5.50904	8.32440	11.15560	13.92642	16.51556
3.36E+03	0.00000	2.74125	5.51347	8.32598	11.14956	13.90825	16.48217
3.36E+03	0.00000	2.74434	5.51750	8.32709	11.14308	13.88978	16.44870
3.36E+03	0.00000	2.74722	5.52114	8.32773	11.13615	13.87100	16.41515
3.36E+03	0.00000	2.74989	5.52441	8.32791	11.12879	13.85193	16.38154
3.36E+03	0.00000	2.75236	5.52731	8.32765	11.12102	13.83258	16.34786
3.36E+03	0.00000	2.75462	5.52985	8.32695	11.11284	13.81295	16.31412
3.36E+03	0.00000	2.75668	5.53203	8.32583	11.10426	13.79305	16.28032
3.36E+03	0.00000	2.75854	5.53388	8.32429	11.09530	13.77290	16.24647
3.36E+03	0.00000	2.76022	5.53539	8.32235	11.08596	13.75250	16.21257
3.36E+03	0.00000	2.76172	5.53657	8.32002	11.07625	13.73185	16.17862
3.36E+03	0.00000	2.76303	5.53743	8.31729	11.06619	13.71097	16.14463
3.36E+03	0.00000	2.76417	5.53797	8.31420	11.05577	13.68986	16.11060
3.36E+03	0.00000	2.76513	5.53821	8.31073	11.04503	13.66852	16.07653
3.36E+03	0.00000	2.76593	5.53816	8.30691	11.03395	13.64697	16.04243
3.36E+03	0.00000	2.76656	5.53781	8.30274	11.02254	13.62522	16.00831
3.36E+03	0.00000	2.76703	5.53718	8.29823	11.01083	13.60326	15.97415

3.36E+03	0.00000	2.76734	5.53627	8.29338	10.99881	13.58110	15.93997
3.36E+03	0.00000	2.76750	5.53509	8.28821	10.98650	13.55876	15.90577
3.36E+03	0.00000	2.76751	5.53364	8.28273	10.97390	13.53624	15.87155
3.36E+03	0.00000	2.76737	5.53194	8.27694	10.96101	13.51353	15.83732
3.36E+03	0.00000	2.76709	5.52998	8.27084	10.94786	13.49066	15.80307
3.36E+03	0.00000	2.76667	5.52778	8.26446	10.93444	13.46762	15.76882
3.36E+03	0.00000	2.76611	5.52533	8.25779	10.92076	13.44442	15.73456
3.36E+03	0.00000	2.76542	5.52266	8.25084	10.90683	13.42107	15.70029
3.36E+03	0.00000	2.76460	5.51975	8.24362	10.89265	13.39757	15.66602
3.36E+03	0.00000	2.76366	5.51662	8.23614	10.87824	13.37392	15.63175
3.36E+03	0.00000	2.76259	5.51328	8.22840	10.86360	13.35014	15.59748
3.36E+03	0.00000	2.76140	5.50972	8.22040	10.84873	13.32622	15.56321
3.36E+03	0.00000	2.76009	5.50596	8.21217	10.83365	13.30217	15.52896
3.36E+03	0.00000	2.75867	5.50199	8.20370	10.81835	13.27799	15.49471
3.36E+03	0.00000	2.75713	5.49783	8.19499	10.80285	13.25370	15.46047
3.36E+03	0.00000	2.75549	5.49348	8.18606	10.78715	13.22929	15.42625
3.36E+03	0.00000	2.75374	5.48894	8.17691	10.77126	13.20477	15.39204
3.36E+03	0.00000	2.75189	5.48421	8.16755	10.75517	13.18015	15.35784
3.36E+03	0.00000	2.74993	5.47932	8.15798	10.73891	13.15542	15.32367
3.36E+03	0.00000	2.74788	5.47424	8.14820	10.72247	13.13059	15.28951
3.36E+03	0.00000	2.74572	5.46900	8.13823	10.70585	13.10567	15.25538
3.36E+03	0.00000	2.74348	5.46360	8.12807	10.68907	13.08066	15.22127
3.36E+03	0.00000	2.74114	5.45803	8.11773	10.67213	13.05556	15.18719
3.36E+03	0.00000	2.73872	5.45231	8.10720	10.65503	13.03038	15.15313
3.36E+03	0.00000	2.73621	5.44644	8.09649	10.63779	13.00512	15.11910
3.36E+03	0.00000	2.73361	5.44042	8.08562	10.62039	12.97979	15.08510
3.36E+03	0.00000	2.73093	5.43426	8.07457	10.60285	12.95438	15.05114
3.36E+03	0.00000	2.72817	5.42796	8.06337	10.58518	12.92890	15.01720
3.36E+03	0.00000	2.72533	5.42152	8.05201	10.56737	12.90336	14.98331
3.36E+03	0.00000	2.72242	5.41495	8.04050	10.54943	12.87776	14.94944
3.36E+03	0.00000	2.71943	5.40825	8.02884	10.53137	12.85209	14.91562
3.36E+03	0.00000	2.71637	5.40143	8.01703	10.51319	12.82637	14.88183
3.36E+03	0.00000	2.71324	5.39448	8.00509	10.49489	12.80060	14.84809
3.36E+03	0.00000	2.71004	5.38742	7.99301	10.47648	12.77478	14.81438
3.36E+03	0.00000	2.70677	5.38024	7.98080	10.45796	12.74891	14.78072
3.36E+03	0.00000	2.70344	5.37295	7.96846	10.43934	12.72300	14.74710
3.36E+03	0.00000	2.70005	5.36555	7.95599	10.42062	12.69704	14.71353
3.36E+03	0.00000	2.69659	5.35804	7.94341	10.40180	12.67105	14.68000
3.36E+03	0.00000	2.69308	5.35044	7.93071	10.38289	12.64502	14.64652
3.36E+03	0.00000	2.68951	5.34273	7.91790	10.36388	12.61896	14.61309
3.36E+03	0.00000	2.68588	5.33492	7.90498	10.34479	12.59286	14.57971
3.36E+03	0.00000	2.68220	5.32702	7.89196	10.32562	12.56674	14.54637
3.37E+03	0.00000	2.67846	5.31904	7.87883	10.30636	12.54059	14.51309
3.37E+03	0.00000	2.67467	5.31096	7.86560	10.28703	12.51442	14.47986
3.37E+03	0.00000	2.67083	5.30279	7.85228	10.26763	12.48822	14.44669
3.37E+03	0.00000	2.66694	5.29455	7.83887	10.24815	12.46201	14.41357
3.37E+03	0.00000	2.66301	5.28622	7.82536	10.22861	12.43578	14.38050
3.37E+03	0.00000	2.65903	5.27781	7.81177	10.20900	12.40954	14.34749
3.37E+03	0.00000	2.65501	5.26933	7.79810	10.18933	12.38328	14.31453
3.37E+03	0.00000	2.65094	5.26077	7.78435	10.16960	12.35701	14.28164
3.37E+03	0.00000	2.64683	5.25215	7.77052	10.14982	12.33073	14.24880
3.37E+03	0.00000	2.64268	5.24345	7.75661	10.12998	12.30445	14.21602
3.37E+03	0.00000	2.63849	5.23469	7.74263	10.11009	12.27816	14.18330
3.37E+03	0.00000	2.63426	5.22586	7.72858	10.09015	12.25186	14.15064
3.37E+03	0.00000	2.62999	5.21698	7.71447	10.07017	12.22557	14.11804
3.37E+03	0.00000	2.62569	5.20803	7.70029	10.05014	12.19928	14.08551

3.37E+03	0.00000	2.62136	5.19902	7.68605	10.03007	12.17299	14.05303
3.37E+03	0.00000	2.61699	5.18996	7.67175	10.00996	12.14670	14.02062
3.37E+03	0.00000	2.61259	5.18084	7.65739	9.98981	12.12042	13.98828
3.37E+03	0.00000	2.60815	5.17167	7.64297	9.96963	12.09414	13.95599
3.37E+03	0.00000	2.60369	5.16245	7.62851	9.94941	12.06788	13.92378
3.37E+03	0.00000	2.59920	5.15318	7.61399	9.92917	12.04162	13.89163
3.37E+03	0.00000	2.59467	5.14386	7.59943	9.90890	12.01538	13.85954
3.37E+03	0.00000	2.59013	5.13450	7.58482	9.88860	11.98914	13.82753
3.37E+03	0.00000	2.58555	5.12509	7.57017	9.86827	11.96293	13.79557
3.37E+03	0.00000	2.58095	5.11565	7.55547	9.84793	11.93673	13.76369
3.37E+03	0.00000	2.57632	5.10616	7.54073	9.82756	11.91054	13.73188
3.37E+03	0.00000	2.57168	5.09663	7.52596	9.80718	11.88438	13.70013
3.37E+03	0.00000	2.56700	5.08707	7.51115	9.78678	11.85823	13.66846
3.37E+03	0.00000	2.56231	5.07747	7.49630	9.76636	11.83211	13.63685
3.37E+03	0.00000	2.55759	5.06784	7.48143	9.74593	11.80601	13.60531
3.37E+03	0.00000	2.55286	5.05817	7.46652	9.72549	11.77993	13.57385
3.37E+03	0.00000	2.54810	5.04848	7.45158	9.70503	11.75388	13.54245
3.37E+03	0.00000	2.54333	5.03875	7.43661	9.68457	11.72785	13.51113
3.37E+03	0.00000	2.53854	5.02899	7.42162	9.66410	11.70185	13.47988
3.37E+03	0.00000	2.53373	5.01921	7.40661	9.64363	11.67588	13.44870
3.37E+03	0.00000	2.52891	5.00940	7.39157	9.62315	11.64994	13.41759
3.37E+03	0.00000	2.52407	4.99957	7.37651	9.60267	11.62402	13.38656
3.37E+03	0.00000	2.51921	4.98971	7.36143	9.58219	11.59814	13.35560
3.37E+03	0.00000	2.51434	4.97984	7.34634	9.56171	11.57229	13.32471
3.37E+03	0.00000	2.50945	4.96994	7.33123	9.54123	11.54648	13.29389
3.37E+03	0.00000	2.50456	4.96002	7.31610	9.52076	11.52069	13.26315
3.37E+03	0.00000	2.49965	4.95008	7.30096	9.50028	11.49495	13.23249
3.37E+03	0.00000	2.49473	4.94012	7.28580	9.47982	11.46923	13.20190
3.37E+03	0.00000	2.48979	4.93015	7.27063	9.45936	11.44356	13.17138
3.37E+03	0.00000	2.48485	4.92016	7.25546	9.43891	11.41792	13.14094
3.37E+03	0.00000	2.47990	4.91016	7.24027	9.41846	11.39232	13.11057
3.37E+03	0.00000	2.47493	4.90015	7.22508	9.39803	11.36676	13.08028
3.37E+03	0.00000	2.46996	4.89012	7.20988	9.37761	11.34124	13.05007
3.37E+03	0.00000	2.46498	4.88008	7.19468	9.35720	11.31576	13.01993
3.37E+03	0.00000	2.45999	4.87003	7.17947	9.33680	11.29032	12.98986
3.37E+03	0.00000	2.45500	4.85997	7.16426	9.31642	11.26492	12.95988
3.37E+03	0.00000	2.44999	4.84990	7.14905	9.29605	11.23957	12.92997
3.37E+03	0.00000	2.44499	4.83983	7.13383	9.27571	11.21426	12.90013
3.37E+03	0.00000	2.43997	4.82974	7.11862	9.25537	11.18899	12.87038
3.37E+03	0.00000	2.43495	4.81965	7.10341	9.23506	11.16377	12.84070
3.37E+03	0.00000	2.42993	4.80956	7.08820	9.21476	11.13859	12.81109
3.37E+03	0.00000	2.42490	4.79946	7.07299	9.19449	11.11346	12.78157
3.37E+03	0.00000	2.41986	4.78936	7.05779	9.17424	11.08837	12.75212
3.37E+03	0.00000	2.41483	4.77925	7.04259	9.15401	11.06333	12.72275
3.37E+03	0.00000	2.40979	4.76914	7.02740	9.13380	11.03834	12.69345
3.37E+03	0.00000	2.40474	4.75903	7.01221	9.11361	11.01340	12.66424
3.37E+03	0.00000	2.39970	4.74892	6.99703	9.09345	10.98850	12.63510
3.37E+03	0.00000	2.39465	4.73881	6.98186	9.07331	10.96366	12.60604
3.37E+03	0.00000	2.38960	4.72870	6.96670	9.05320	10.93886	12.57706
3.37E+03	0.00000	2.38455	4.71859	6.95155	9.03312	10.91411	12.54815
3.37E+03	0.00000	2.37950	4.70848	6.93641	9.01306	10.88942	12.51933
3.37E+03	0.00000	2.37445	4.69838	6.92128	8.99303	10.86477	12.49058
3.37E+03	0.00000	2.36940	4.68827	6.90617	8.97303	10.84018	12.46191
3.37E+03	0.00000	2.36434	4.67818	6.89107	8.95306	10.81564	12.43332
3.37E+03	0.00000	2.35929	4.66808	6.87598	8.93312	10.79115	12.40480
3.37E+03	0.00000	2.35424	4.65799	6.86090	8.91321	10.76671	12.37637

3.37E+03	0.00000	2.34919	4.64791	6.84584	8.89333	10.74233	12.34801
3.37E+03	0.00000	2.34415	4.63783	6.83080	8.87348	10.71799	12.31973
3.37E+03	0.00000	2.33910	4.62776	6.81577	8.85366	10.69372	12.29153
3.37E+03	0.00000	2.33406	4.61769	6.80076	8.83388	10.66949	12.26341
3.37E+03	0.00000	2.32901	4.60764	6.78576	8.81413	10.64532	12.23536
3.37E+03	0.00000	2.32397	4.59759	6.77079	8.79441	10.62121	12.20739
3.37E+03	0.00000	2.31894	4.58754	6.75583	8.77473	10.59715	12.17951
3.37E+03	0.00000	2.31390	4.57751	6.74089	8.75508	10.57314	12.15170
3.37E+03	0.00000	2.30888	4.56749	6.72597	8.73547	10.54919	12.12397
3.37E+03	0.00000	2.30385	4.55748	6.71107	8.71589	10.52529	12.09631
3.37E+03	0.00000	2.29883	4.54747	6.69619	8.69635	10.50146	12.06874
3.37E+03	0.00000	2.29381	4.53748	6.68134	8.67684	10.47767	12.04124
3.37E+03	0.00000	2.28880	4.52750	6.66650	8.65738	10.45395	12.01382
3.37E+03	0.00000	2.28379	4.51753	6.65169	8.63795	10.43028	11.98648
3.37E+03	0.00000	2.27878	4.50757	6.63690	8.61855	10.40666	11.95922
3.37E+03	0.00000	2.27378	4.49762	6.62213	8.59920	10.38311	11.93203
3.37E+03	0.00000	2.26879	4.48769	6.60739	8.57988	10.35961	11.90493
3.37E+03	0.00000	2.26380	4.47777	6.59267	8.56061	10.33617	11.87790
3.37E+03	0.00000	2.25882	4.46786	6.57797	8.54137	10.31279	11.85095
3.37E+03	0.00000	2.25384	4.45797	6.56330	8.52217	10.28946	11.82407
3.37E+03	0.00000	2.24887	4.44809	6.54865	8.50301	10.26619	11.79728
3.37E+03	0.00000	2.24390	4.43822	6.53403	8.48389	10.24298	11.77056
3.37E+03	0.00000	2.23895	4.42837	6.51944	8.46482	10.21983	11.74392
3.37E+03	0.00000	2.23399	4.41854	6.50487	8.44578	10.19674	11.71735
3.37E+03	0.00000	2.22905	4.40872	6.49033	8.42679	10.17370	11.69087
3.37E+03	0.00000	2.22411	4.39891	6.47581	8.40783	10.15073	11.66446
3.37E+03	0.00000	2.21918	4.38912	6.46132	8.38892	10.12781	11.63812
3.37E+03	0.00000	2.21426	4.37935	6.44686	8.37005	10.10495	11.61187
3.37E+03	0.00000	2.20934	4.36959	6.43243	8.35122	10.08215	11.58569
3.37E+03	0.00000	2.20443	4.35985	6.41803	8.33244	10.05942	11.55959
3.38E+03	0.00000	2.19953	4.35012	6.40365	8.31369	10.03673	11.53357
3.38E+03	0.00000	2.19464	4.34042	6.38930	8.29499	10.01411	11.50762
3.38E+03	0.00000	2.18975	4.33073	6.37498	8.27634	9.99155	11.48174
3.38E+03	0.00000	2.18487	4.32106	6.36069	8.25772	9.96905	11.45595
3.38E+03	0.00000	2.18000	4.31140	6.34643	8.23915	9.94661	11.43023
3.38E+03	0.00000	2.17514	4.30176	6.33220	8.22062	9.92422	11.40459
3.38E+03	0.00000	2.17029	4.29215	6.31800	8.20214	9.90190	11.37902
3.38E+03	0.00000	2.16545	4.28255	6.30383	8.18370	9.87964	11.35353
3.38E+03	0.00000	2.16061	4.27296	6.28969	8.16531	9.85743	11.32811
3.38E+03	0.00000	2.15579	4.26340	6.27558	8.14696	9.83529	11.30277
3.38E+03	0.00000	2.15097	4.25386	6.26150	8.12865	9.81320	11.27751
3.38E+03	0.00000	2.14616	4.24433	6.24745	8.11039	9.79118	11.25232
3.38E+03	0.00000	2.14136	4.23483	6.23343	8.09218	9.76921	11.22720
3.38E+03	0.00000	2.13657	4.22534	6.21945	8.07401	9.74731	11.20217
3.38E+03	0.00000	2.13179	4.21587	6.20549	8.05588	9.72546	11.17720
3.38E+03	0.00000	2.12702	4.20643	6.19157	8.03780	9.70368	11.15231
3.38E+03	0.00000	2.12226	4.19700	6.17768	8.01977	9.68196	11.12750
3.38E+03	0.00000	2.11751	4.18759	6.16382	8.00178	9.66029	11.10276
3.38E+03	0.00000	2.11277	4.17821	6.14999	7.98383	9.63869	11.07809
3.38E+03	0.00000	2.10803	4.16884	6.13620	7.96593	9.61714	11.05350
3.38E+03	0.00000	2.10331	4.15950	6.12244	7.94808	9.59566	11.02898
3.38E+03	0.00000	2.09860	4.15017	6.10871	7.93027	9.57423	11.00454
3.38E+03	0.00000	2.09390	4.14087	6.09501	7.91251	9.55286	10.98016
3.38E+03	0.00000	2.08920	4.13159	6.08135	7.89480	9.53156	10.95587
3.38E+03	0.00000	2.08452	4.12232	6.06771	7.87713	9.51031	10.93164
3.38E+03	0.00000	2.07985	4.11308	6.05412	7.85951	9.48913	10.90749

3.38E+03	0.00000	2.07519	4.10386	6.04055	7.84193	9.46800	10.88342
3.38E+03	0.00000	2.07054	4.09466	6.02702	7.82440	9.44694	10.85941
3.38E+03	0.00000	2.06590	4.08549	6.01352	7.80691	9.42593	10.83548
3.38E+03	0.00000	2.06127	4.07633	6.00006	7.78948	9.40498	10.81162
3.38E+03	0.00000	2.05665	4.06720	5.98663	7.77209	9.38410	10.78783
3.38E+03	0.00000	2.05204	4.05809	5.97323	7.75474	9.36327	10.76412
3.38E+03	0.00000	2.04744	4.04899	5.95987	7.73744	9.34250	10.74047
3.38E+03	0.00000	2.04285	4.03993	5.94654	7.72019	9.32179	10.71690
3.38E+03	0.00000	2.03827	4.03088	5.93324	7.70299	9.30114	10.69340
3.38E+03	0.00000	2.03371	4.02186	5.91998	7.68583	9.28055	10.66997
3.38E+03	0.00000	2.02915	4.01285	5.90675	7.66871	9.26002	10.64662
3.38E+03	0.00000	2.02461	4.00387	5.89356	7.65165	9.23955	10.62333
3.38E+03	0.00000	2.02007	3.99491	5.88040	7.63463	9.21914	10.60012
3.38E+03	0.00000	2.01555	3.98598	5.86727	7.61766	9.19879	10.57697
3.38E+03	0.00000	2.01104	3.97706	5.85418	7.60073	9.17849	10.55390
3.38E+03	0.00000	2.00654	3.96817	5.84113	7.58385	9.15826	10.53090
3.38E+03	0.00000	2.00205	3.95931	5.82810	7.56702	9.13808	10.50796
3.38E+03	0.00000	1.99757	3.95046	5.81512	7.55024	9.11796	10.48510
3.38E+03	0.00000	1.99310	3.94164	5.80216	7.53350	9.09790	10.46231
3.38E+03	0.00000	1.98864	3.93283	5.78924	7.51680	9.07790	10.43958
3.38E+03	0.00000	1.98420	3.92406	5.77636	7.50016	9.05796	10.41693
3.38E+03	0.00000	1.97976	3.91530	5.76351	7.48356	9.03808	10.39434
3.38E+03	0.00000	1.97534	3.90657	5.75069	7.46700	9.01825	10.37183
3.38E+03	0.00000	1.97093	3.89786	5.73791	7.45050	8.99848	10.34938
3.38E+03	0.00000	1.96653	3.88917	5.72516	7.43404	8.97878	10.32700
3.38E+03	0.00000	1.96214	3.88051	5.71245	7.41762	8.95912	10.30469
3.38E+03	0.00000	1.95776	3.87186	5.69977	7.40126	8.93953	10.28245
3.38E+03	0.00000	1.95340	3.86324	5.68713	7.38494	8.92000	10.26028
3.38E+03	0.00000	1.94904	3.85465	5.67452	7.36866	8.90052	10.23817
3.38E+03	0.00000	1.94470	3.84608	5.66195	7.35243	8.88110	10.21614
3.38E+03	0.00000	1.94037	3.83753	5.64941	7.33625	8.86174	10.19417
3.38E+03	0.00000	1.93605	3.82900	5.63691	7.32012	8.84243	10.17226
3.38E+03	0.00000	1.93174	3.82049	5.62444	7.30403	8.82318	10.15043
3.38E+03	0.00000	1.92744	3.81201	5.61200	7.28798	8.80399	10.12866
3.38E+03	0.00000	1.92315	3.80355	5.59960	7.27199	8.78486	10.10696
3.38E+03	0.00000	1.91888	3.79512	5.58723	7.25603	8.76578	10.08532
3.38E+03	0.00000	1.91461	3.78671	5.57490	7.24013	8.74676	10.06375
3.38E+03	0.00000	1.91036	3.77832	5.56261	7.22427	8.72780	10.04225
3.38E+03	0.00000	1.90612	3.76995	5.55034	7.20846	8.70889	10.02082
3.38E+03	0.00000	1.90189	3.76161	5.53812	7.19269	8.69004	9.99944
3.38E+03	0.00000	1.89767	3.75329	5.52592	7.17697	8.67124	9.97814
3.38E+03	0.00000	1.89347	3.74499	5.51376	7.16129	8.65251	9.95690
3.38E+03	0.00000	1.88927	3.73671	5.50164	7.14566	8.63382	9.93573
3.38E+03	0.00000	1.88509	3.72846	5.48955	7.13007	8.61520	9.91462
3.38E+03	0.00000	1.88092	3.72023	5.47749	7.11453	8.59663	9.89357
3.38E+03	0.00000	1.87676	3.71203	5.46547	7.09904	8.57811	9.87259
3.38E+03	0.00000	1.87261	3.70384	5.45348	7.08359	8.55965	9.85168
3.38E+03	0.00000	1.86847	3.69568	5.44153	7.06818	8.54125	9.83082
3.38E+03	0.00000	1.86435	3.68755	5.42961	7.05282	8.52290	9.81004
3.38E+03	0.00000	1.86023	3.67943	5.41773	7.03751	8.50461	9.78931
3.38E+03	0.00000	1.85613	3.67134	5.40587	7.02224	8.48637	9.76865
3.38E+03	0.00000	1.85204	3.66327	5.39406	7.00702	8.46818	9.74806
3.38E+03	0.00000	1.84796	3.65523	5.38228	6.99184	8.45005	9.72752
3.38E+03	0.00000	1.84389	3.64721	5.37053	6.97670	8.43198	9.70705
3.38E+03	0.00000	1.83983	3.63921	5.35881	6.96161	8.41396	9.68665
3.38E+03	0.00000	1.83579	3.63123	5.34713	6.94657	8.39599	9.66630

3.38E+03	0.00000	1.83175	3.62328	5.33549	6.93157	8.37808	9.64602
3.38E+03	0.00000	1.82773	3.61534	5.32387	6.91661	8.36022	9.62580
3.38E+03	0.00000	1.82372	3.60744	5.31229	6.90170	8.34242	9.60564
3.38E+03	0.00000	1.81972	3.59955	5.30075	6.88683	8.32467	9.58555
3.38E+03	0.00000	1.81573	3.59169	5.28924	6.87201	8.30697	9.56551
3.38E+03	0.00000	1.81175	3.58385	5.27776	6.85723	8.28933	9.54554
3.38E+03	0.00000	1.80779	3.57603	5.26631	6.84249	8.27174	9.52563
3.38E+03	0.00000	1.80383	3.56823	5.25490	6.82780	8.25420	9.50578
3.38E+03	0.00000	1.79989	3.56046	5.24353	6.81315	8.23672	9.48599
3.38E+03	0.00000	1.79596	3.55271	5.23218	6.79854	8.21929	9.46626
3.38E+03	0.00000	1.79204	3.54498	5.22087	6.78398	8.20191	9.44659
3.38E+03	0.00000	1.78813	3.53728	5.20959	6.76946	8.18459	9.42698
3.38E+03	0.00000	1.78423	3.52959	5.19835	6.75499	8.16731	9.40743
3.38E+03	0.00000	1.78034	3.52193	5.18714	6.74056	8.15009	9.38794
3.38E+03	0.00000	1.77647	3.51429	5.17596	6.72617	8.13292	9.36851
3.38E+03	0.00000	1.77260	3.50668	5.16481	6.71182	8.11581	9.34915
3.38E+03	0.00000	1.76875	3.49908	5.15370	6.69752	8.09874	9.32984
3.38E+03	0.00000	1.76491	3.49151	5.14262	6.68326	8.08173	9.31059
3.39E+03	0.00000	1.76108	3.48396	5.13157	6.66904	8.06477	9.29139
3.39E+03	0.00000	1.75726	3.47643	5.12056	6.65487	8.04786	9.27226
3.39E+03	0.00000	1.75345	3.46893	5.10958	6.64074	8.03100	9.25319
3.39E+03	0.00000	1.74965	3.46145	5.09863	6.62665	8.01419	9.23417
3.39E+03	0.00000	1.74587	3.45399	5.08771	6.61260	7.99744	9.21521
3.39E+03	0.00000	1.74209	3.44655	5.07683	6.59859	7.98073	9.19631
3.39E+03	0.00000	1.73833	3.43913	5.06598	6.58463	7.96407	9.17747
3.39E+03	0.00000	1.73458	3.43173	5.05516	6.57071	7.94747	9.15868
3.39E+03	0.00000	1.73083	3.42436	5.04437	6.55683	7.93091	9.13996
3.39E+03	0.00000	1.72710	3.41701	5.03362	6.54299	7.91441	9.12129
3.39E+03	0.00000	1.72338	3.40968	5.02289	6.52920	7.89796	9.10267
3.39E+03	0.00000	1.71967	3.40237	5.01220	6.51544	7.88155	9.08412
3.39E+03	0.00000	1.71598	3.39508	5.00154	6.50173	7.86520	9.06562
3.39E+03	0.00000	1.71229	3.38782	4.99092	6.48806	7.84889	9.04717
3.39E+03	0.00000	1.70861	3.38058	4.98032	6.47443	7.83264	9.02879
3.39E+03	0.00000	1.70495	3.37335	4.96976	6.46084	7.81643	9.01045
3.39E+03	0.00000	1.70129	3.36615	4.95922	6.44729	7.80027	8.99218
3.39E+03	0.00000	1.69765	3.35897	4.94872	6.43378	7.78417	8.97396
3.39E+03	0.00000	1.69402	3.35182	4.93825	6.42031	7.76811	8.95580
3.39E+03	0.00000	1.69040	3.34468	4.92782	6.40689	7.75210	8.93769
3.39E+03	0.00000	1.68679	3.33757	4.91741	6.39350	7.73613	8.91963
3.39E+03	0.00000	1.68318	3.33047	4.90703	6.38016	7.72022	8.90163
3.39E+03	0.00000	1.67960	3.32340	4.89669	6.36685	7.70436	8.88369
3.39E+03	0.00000	1.67602	3.31635	4.88638	6.35358	7.68854	8.86580
3.39E+03	0.00000	1.67245	3.30932	4.87610	6.34036	7.67277	8.84796
3.39E+03	0.00000	1.66889	3.30231	4.86584	6.32717	7.65705	8.83018
3.39E+03	0.00000	1.66534	3.29532	4.85562	6.31403	7.64137	8.81245
3.39E+03	0.00000	1.66181	3.28835	4.84543	6.30092	7.62575	8.79478
3.39E+03	0.00000	1.65828	3.28141	4.83527	6.28786	7.61017	8.77716
3.39E+03	0.00000	1.65476	3.27448	4.82515	6.27483	7.59464	8.75959
3.39E+03	0.00000	1.65126	3.26758	4.81505	6.26184	7.57915	8.74208
3.39E+03	0.00000	1.64777	3.26069	4.80498	6.24889	7.56371	8.72462
3.39E+03	0.00000	1.64428	3.25383	4.79494	6.23598	7.54832	8.70721
3.39E+03	0.00000	1.64081	3.24698	4.78493	6.22311	7.53298	8.68986
3.39E+03	0.00000	1.63734	3.24016	4.77496	6.21028	7.51768	8.67256
3.39E+03	0.00000	1.63389	3.23336	4.76501	6.19749	7.50243	8.65531
3.39E+03	0.00000	1.63045	3.22658	4.75509	6.18474	7.48722	8.63811
3.39E+03	0.00000	1.62702	3.21982	4.74521	6.17202	7.47206	8.62096

3.39E+03	0.00000	1.62360	3.21308	4.73535	6.15934	7.45695	8.60387
3.39E+03	0.00000	1.62018	3.20635	4.72552	6.14670	7.44188	8.58683
3.39E+03	0.00000	1.61678	3.19965	4.71572	6.13410	7.42686	8.56984
3.39E+03	0.00000	1.61339	3.19297	4.70595	6.12154	7.41188	8.55290
3.39E+03	0.00000	1.61001	3.18631	4.69621	6.10902	7.39695	8.53601
3.39E+03	0.00000	1.60664	3.17967	4.68650	6.09653	7.38206	8.51917
3.39E+03	0.00000	1.60328	3.17305	4.67682	6.08408	7.36722	8.50238
3.39E+03	0.00000	1.59993	3.16645	4.66717	6.07167	7.35242	8.48565
3.39E+03	0.00000	1.59659	3.15987	4.65755	6.05929	7.33767	8.46896
3.39E+03	0.00000	1.59326	3.15331	4.64796	6.04696	7.32296	8.45232
3.39E+03	0.00000	1.58994	3.14677	4.63839	6.03466	7.30830	8.43574
3.39E+03	0.00000	1.58663	3.14025	4.62886	6.02239	7.29368	8.41920
3.39E+03	0.00000	1.58333	3.13375	4.61935	6.01017	7.27910	8.40272
3.39E+03	0.00000	1.58004	3.12727	4.60987	5.99798	7.26457	8.38628
3.39E+03	0.00000	1.57676	3.12080	4.60042	5.98583	7.25008	8.36989
3.39E+03	0.00000	1.57348	3.11436	4.59100	5.97371	7.23564	8.35355
3.39E+03	0.00000	1.57022	3.10794	4.58161	5.96163	7.22124	8.33726
3.39E+03	0.00000	1.56697	3.10153	4.57224	5.94959	7.20688	8.32102
3.39E+03	0.00000	1.56373	3.09515	4.56291	5.93759	7.19256	8.30483
3.39E+03	0.00000	1.56050	3.08878	4.55360	5.92562	7.17829	8.28869
3.39E+03	0.00000	1.55728	3.08244	4.54432	5.91368	7.16406	8.27259
3.39E+03	0.00000	1.55407	3.07611	4.53507	5.90178	7.14988	8.25655
3.39E+03	0.00000	1.55086	3.06980	4.52584	5.88992	7.13574	8.24055
3.39E+03	0.00000	1.54767	3.06351	4.51665	5.87810	7.12164	8.22459
3.39E+03	0.00000	1.54449	3.05724	4.50748	5.86630	7.10758	8.20869
3.39E+03	0.00000	1.54131	3.05099	4.49834	5.85455	7.09356	8.19283
3.39E+03	0.00000	1.53815	3.04476	4.48922	5.84283	7.07959	8.17703
3.39E+03	0.00000	1.53500	3.03854	4.48014	5.83114	7.06566	8.16126
3.39E+03	0.00000	1.53185	3.03235	4.47108	5.81949	7.05177	8.14555
3.39E+03	0.00000	1.52872	3.02617	4.46205	5.80788	7.03792	8.12988
3.39E+03	0.00000	1.52559	3.02001	4.45304	5.79630	7.02411	8.11426
3.39E+03	0.00000	1.52247	3.01387	4.44407	5.78476	7.01034	8.09868
3.39E+03	0.00000	1.51937	3.00775	4.43512	5.77325	6.99662	8.08315
3.39E+03	0.00000	1.51627	3.00165	4.42619	5.76177	6.98293	8.06767
3.39E+03	0.00000	1.51318	2.99557	4.41730	5.75033	6.96929	8.05224
3.39E+03	0.00000	1.51010	2.98950	4.40843	5.73892	6.95569	8.03684
3.39E+03	0.00000	1.50703	2.98345	4.39958	5.72755	6.94213	8.02150
3.39E+03	0.00000	1.50397	2.97742	4.39077	5.71621	6.92861	8.00620
3.39E+03	0.00000	1.50092	2.97141	4.38198	5.70491	6.91513	7.99095
3.39E+03	0.00000	1.49788	2.96542	4.37321	5.69363	6.90169	7.97574
3.39E+03	0.00000	1.49484	2.95944	4.36448	5.68240	6.88829	7.96057
3.39E+03	0.00000	1.49182	2.95349	4.35576	5.67119	6.87493	7.94545
3.39E+03	0.00000	1.48880	2.94755	4.34708	5.66002	6.86161	7.93038
3.39E+03	0.00000	1.48580	2.94163	4.33842	5.64889	6.84832	7.91535
3.39E+03	0.00000	1.48280	2.93572	4.32979	5.63779	6.83508	7.90036
3.39E+03	0.00000	1.47981	2.92984	4.32118	5.62672	6.82188	7.88542
3.39E+03	0.00000	1.47683	2.92397	4.31260	5.61568	6.80872	7.87052
3.39E+03	0.00000	1.47386	2.91812	4.30405	5.60467	6.79560	7.85567
3.39E+03	0.00000	1.47090	2.91229	4.29552	5.59370	6.78251	7.84086
3.39E+03	0.00000	1.46795	2.90647	4.28701	5.58277	6.76947	7.82609
3.39E+03	0.00000	1.46501	2.90067	4.27853	5.57186	6.75646	7.81137
3.39E+03	0.00000	1.46207	2.89489	4.27008	5.56099	6.74349	7.79669
3.39E+03	0.00000	1.45915	2.88913	4.26165	5.55015	6.73056	7.78206
3.39E+03	0.00000	1.45623	2.88338	4.25325	5.53934	6.71767	7.76746
3.39E+03	0.00000	1.45332	2.87765	4.24487	5.52856	6.70481	7.75291
3.39E+03	0.00000	1.45042	2.87194	4.23652	5.51782	6.69200	7.73841

3.39E+03	0.00000	1.44753	2.86625	4.22819	5.50711	6.67922	7.72394
3.39E+03	0.00000	1.44465	2.86057	4.21989	5.49643	6.66648	7.70952
3.39E+03	0.00000	1.44178	2.85491	4.21161	5.48578	6.65378	7.69514
3.39E+03	0.00000	1.43891	2.84927	4.20336	5.47516	6.64112	7.68080
3.39E+03	0.00000	1.43606	2.84364	4.19513	5.46458	6.62849	7.66650
3.39E+03	0.00000	1.43321	2.83803	4.18693	5.45402	6.61590	7.65225

1.00E-12 m2 s-1

1 m2

1.00E-06 m2

1.00E-01 s

expanze času' =

1

7.00E-06	8.00E-06	9.00E-06	1.00E-05	1.10E-05	1.20E-05	1.30E-05	1.40E-05
0.00000	0.00000	100.00000	100.00000	100.00000	0.00000	0.00000	0.00000
0.00000	10.00000	90.00000	100.00000	90.00000	10.00000	0.00000	0.00000
1.00000	17.00000	83.00000	98.00000	83.00000	17.00000	1.00000	0.00000
2.50000	22.00000	77.90000	95.00000	77.90000	22.00000	2.50000	0.10000
4.21000	25.64000	74.02000	91.58000	74.02000	25.64000	4.21000	0.33000
5.96500	28.33500	70.93800	88.06800	70.93800	28.33500	5.96500	0.68600
7.67410	30.35830	68.39070	84.64200	68.39070	30.35830	7.67410	1.14940
9.29005	31.89312	66.21259	81.39174	66.21259	31.89312	9.29005	1.69708
10.79106	33.06476	64.29856	78.35591	64.29856	33.06476	10.79106	2.30633
12.16996	33.96077	62.58091	75.54444	62.58091	33.96077	12.16996	2.95701
13.42774	34.64370	61.01525	72.95173	61.01525	34.64370	13.42774	3.63225
14.56979	35.15926	59.57175	70.56444	59.57175	35.15926	14.56979	4.31844
15.60360	35.54156	58.22977	68.36590	58.22977	35.54156	15.60360	5.00491
16.53753	35.81659	56.97456	66.33867	56.97456	35.81659	16.53753	5.68350
17.38003	36.00448	55.79517	64.46585	55.79517	36.00448	17.38003	6.34810
18.13928	36.12110	54.68317	62.73171	54.68317	36.12110	18.13928	6.99428
18.82297	36.17913	53.63182	61.12201	53.63182	36.17913	18.82297	7.61893
19.43818	36.18878	52.63557	59.62397	52.63557	36.18878	19.43818	8.21998
19.99142	36.15840	51.68973	58.22629	51.68973	36.15840	19.99142	8.79616
20.48859	36.09483	50.79025	56.91898	50.79025	36.09483	20.48859	9.34681
20.93504	36.00375	49.93358	55.69323	49.93358	36.00375	20.93504	9.87175
21.33558	35.88986	49.11657	54.54130	49.11657	35.88986	21.33558	10.37116
21.69457	35.75711	48.33637	53.45635	48.33637	35.75711	21.69457	10.84546
22.01591	35.60878	47.59044	52.43236	47.59044	35.60878	22.01591	11.29528
22.30313	35.44766	46.87647	51.46397	46.87647	35.44766	22.30313	11.72138
22.55941	35.27609	46.19234	50.54647	46.19234	35.27609	22.55941	12.12460
22.78760	35.09604	45.53612	49.67565	45.53612	35.09604	22.78760	12.50585
22.99027	34.90921	44.90607	48.84774	44.90607	34.90921	22.99027	12.86606
23.16974	34.71700	44.30055	48.05941	44.30055	34.71700	23.16974	13.20618
23.32811	34.52063	43.71808	47.30764	43.71808	34.52063	23.32811	13.52717
23.46727	34.32112	43.15729	46.58972	43.15729	34.32112	23.46727	13.82994
23.58892	34.11935	42.61692	45.90324	42.61692	34.11935	23.58892	14.11542
23.69461	33.91607	42.09579	45.24597	42.09579	33.91607	23.69461	14.38449
23.78575	33.71189	41.59284	44.61594	41.59284	33.71189	23.78575	14.63800
23.86359	33.50737	41.10705	44.01132	41.10705	33.50737	23.86359	14.87677
23.92928	33.30296	40.63751	43.43046	40.63751	33.30296	23.92928	15.10158
23.98388	33.09905	40.18335	42.87187	40.18335	33.09905	23.98388	15.31317
24.02833	32.89596	39.74377	42.33417	39.74377	32.89596	24.02833	15.51227
24.06348	32.69398	39.31803	41.81609	39.31803	32.69398	24.06349	15.69955
24.09014	32.49334	38.90543	41.31648	38.90543	32.49334	24.09014	15.87565
24.10901	32.29423	38.50533	40.83427	38.50533	32.29423	24.10901	16.04117
24.12074	32.09681	38.11711	40.36848	38.11711	32.09682	24.12075	16.19669
24.12594	31.90124	37.74022	39.91821	37.74022	31.90124	24.12595	16.34275
24.12514	31.70760	37.37412	39.48261	37.37412	31.70761	24.12516	16.47986
24.11885	31.51601	37.01832	39.06091	37.01832	31.51601	24.11887	16.60852
24.10753	31.32653	36.67235	38.65239	36.67235	31.32653	24.10755	16.72917
24.09158	31.13921	36.33577	38.25638	36.33577	31.13921	24.09161	16.84225
24.07139	30.95410	36.00817	37.87226	36.00818	30.95411	24.07144	16.94817
24.04732	30.77124	35.68918	37.49944	35.68918	30.77125	24.04738	17.04730

24.01969	30.59064	35.37841	37.13739	35.37841	30.59065	24.01976	17.14001
23.98879	30.41232	35.07553	36.78559	35.07553	30.41234	23.98887	17.22665
23.95489	30.23629	34.78022	36.44358	34.78022	30.23631	23.95500	17.30753
23.91825	30.06254	34.49216	36.11091	34.49217	30.06257	23.91838	17.38295
23.87910	29.89108	34.21107	35.78716	34.21108	29.89111	23.87926	17.45321
23.83765	29.72188	33.93668	35.47194	33.93669	29.72192	23.83784	17.51857
23.79409	29.55494	33.66873	35.16489	33.66874	29.55499	23.79432	17.57929
23.74861	29.39023	33.40696	34.86566	33.40698	29.39030	23.74888	17.63561
23.70138	29.22774	33.15116	34.57392	33.15118	29.22783	23.70170	17.68776
23.65254	29.06745	32.90110	34.28937	32.90112	29.06755	23.65292	17.73595
23.60223	28.90932	32.65656	34.01172	32.65659	28.90944	23.60268	17.78038
23.55060	28.75334	32.41735	33.74069	32.41739	28.75348	23.55113	17.82126
23.49776	28.59946	32.18328	33.47603	32.18333	28.59964	23.49838	17.85874
23.44382	28.44768	31.95418	33.21748	31.95423	28.44788	23.44454	17.89302
23.38889	28.29794	31.72986	32.96483	31.72992	28.29818	23.38972	17.92425
23.33307	28.15023	31.51016	32.71784	31.51023	28.15051	23.33402	17.95258
23.27643	28.00450	31.29494	32.47631	31.29502	28.00483	23.27752	17.97815
23.21907	27.86074	31.08403	32.24004	31.08413	27.86112	23.22032	18.00112
23.16105	27.71890	30.87730	32.00885	30.87742	27.71934	23.16248	18.02160
23.10246	27.57896	30.67462	31.78255	30.67476	27.57946	23.10408	18.03972
23.04335	27.44087	30.47584	31.56098	30.47601	27.44145	23.04518	18.05559
22.98378	27.30462	30.28086	31.34397	30.28105	27.30528	22.98585	18.06933
22.92382	27.17016	30.08955	31.13137	30.08976	27.17091	22.92614	18.08104
22.86351	27.03746	29.90179	30.92302	29.90204	27.03832	22.86611	18.09082
22.80289	26.90650	29.71748	30.71880	29.71777	26.90747	22.80580	18.09876
22.74203	26.77724	29.53652	30.51857	29.53684	26.77833	22.74526	18.10496
22.68094	26.64964	29.35879	30.32219	29.35916	26.65088	22.68454	18.10949
22.61968	26.52369	29.18422	30.12955	29.18464	26.52507	22.62367	18.11244
22.55828	26.39934	29.01270	29.94052	29.01317	26.40089	22.56269	18.11389
22.49677	26.27657	28.84414	29.75501	28.84468	26.27830	22.50163	18.11391
22.43518	26.15535	28.67847	29.57289	28.67907	26.15727	22.44052	18.11256
22.37353	26.03564	28.51560	29.39406	28.51627	26.03777	22.37940	18.10992
22.31186	25.91743	28.35545	29.21844	28.35620	25.91979	22.31829	18.10604
22.25019	25.80067	28.19795	29.04592	28.19878	25.80328	22.25721	18.10098
22.18853	25.68535	28.04302	28.87641	28.04395	25.68822	22.19620	18.09481
22.12691	25.57144	27.89059	28.70982	27.89162	25.57459	22.13526	18.08757
22.06535	25.45890	27.74060	28.54608	27.74174	25.46236	22.07443	18.07932
22.00387	25.34772	27.59298	28.38510	27.59423	25.35151	22.01371	18.07010
21.94247	25.23786	27.44766	28.22680	27.44905	25.24200	21.95313	18.05997
21.88118	25.12930	27.30460	28.07111	27.30612	25.13382	21.89270	18.04895
21.82001	25.02202	27.16372	27.91796	27.16539	25.02694	21.83244	18.03711
21.75897	24.91599	27.02497	27.76728	27.02680	24.92133	21.77235	18.02447
21.69806	24.81118	26.88830	27.61900	26.89030	24.81698	21.71246	18.01108
21.63731	24.70758	26.75366	27.47306	26.75584	24.71386	21.65278	17.99697
21.57672	24.60516	26.62099	27.32940	26.62336	24.61195	21.59330	17.98218
21.51630	24.50390	26.49025	27.18795	26.49282	24.51123	21.53406	17.96674
21.45605	24.40378	26.36139	27.04867	26.36418	24.41167	21.47504	17.95068
21.39599	24.30476	26.23435	26.91149	26.23738	24.31326	21.41627	17.93404
21.33611	24.20685	26.10911	26.77637	26.11238	24.21597	21.35774	17.91683
21.27643	24.11000	25.98561	26.64324	25.98913	24.11979	21.29948	17.89910
21.21695	24.01420	25.86381	26.51207	25.86761	24.02469	21.24147	17.88085
21.15768	23.91944	25.74368	26.38280	25.74776	23.93066	21.18373	17.86213
21.09862	23.82569	25.62516	26.25538	25.62956	23.83768	21.12626	17.84295
21.03977	23.73293	25.50824	26.12978	25.51295	23.74572	21.06907	17.82334
20.98113	23.64114	25.39286	26.00594	25.39791	23.65478	21.01217	17.80332
20.92271	23.55031	25.27900	25.88383	25.28440	23.56483	20.95554	17.78291

20.86452	23.46042	25.16661	25.76340	25.17239	23.47586	20.89921	17.76213
20.80655	23.37145	25.05567	25.64462	25.06184	23.38785	20.84317	17.74100
20.74880	23.28338	24.94614	25.52745	24.95272	23.30078	20.78742	17.71953
20.69128	23.19620	24.83800	25.41185	24.84500	23.21464	20.73197	17.69775
20.63399	23.10989	24.73120	25.29778	24.73865	23.12941	20.67681	17.67567
20.57693	23.02443	24.62573	25.18521	24.63363	23.04507	20.62196	17.65331
20.52009	22.93981	24.52155	25.07410	24.52993	22.96162	20.56740	17.63069
20.46349	22.85601	24.41863	24.96443	24.42752	22.87903	20.51315	17.60781
20.40712	22.77302	24.31695	24.85616	24.32636	22.79729	20.45921	17.58469
20.35098	22.69082	24.21648	24.74926	24.22643	22.71639	20.40556	17.56134
20.29507	22.60940	24.11719	24.64370	24.12771	22.63631	20.35222	17.53779
20.23939	22.52875	24.01906	24.53945	24.03017	22.55704	20.29919	17.51403
20.18394	22.44885	23.92207	24.43648	23.93378	22.47857	20.24646	17.49009
20.12873	22.36968	23.82619	24.33477	23.83853	22.40088	20.19403	17.46597
20.07374	22.29123	23.73139	24.23429	23.74439	22.32396	20.14191	17.44168
20.01898	22.21350	23.63767	24.13501	23.65134	22.24780	20.09009	17.41724
19.96445	22.13646	23.54499	24.03691	23.55935	22.17238	20.03858	17.39265
19.91015	22.06012	23.45333	23.93996	23.46841	22.09770	19.98737	17.36793
19.85607	21.98444	23.36267	23.84414	23.37849	22.02374	19.93645	17.34308
19.80222	21.90943	23.27299	23.74943	23.28958	21.95048	19.88585	17.31811
19.74860	21.83506	23.18428	23.65580	23.20166	21.87793	19.83554	17.29303
19.69519	21.76134	23.09651	23.56323	23.11470	21.80606	19.78552	17.26784
19.64202	21.68824	23.00966	23.47171	23.02869	21.73487	19.73581	17.24257
19.58906	21.61576	22.92373	23.38120	22.94361	21.66435	19.68639	17.21720
19.53632	21.54389	22.83868	23.29170	22.85944	21.59448	19.63727	17.19176
19.48380	21.47261	22.75450	23.20317	22.77617	21.52525	19.58844	17.16624
19.43150	21.40192	22.67118	23.11560	22.69378	21.45666	19.53990	17.14065
19.37942	21.33180	22.58869	23.02898	22.61225	21.38870	19.49165	17.11501
19.32755	21.26225	22.50703	22.94328	22.53157	21.32135	19.44369	17.08930
19.27589	21.19326	22.42618	22.85848	22.45172	21.25461	19.39602	17.06355
19.22445	21.12482	22.34612	22.77457	22.37268	21.18846	19.34863	17.03776
19.17322	21.05691	22.26683	22.69154	22.29445	21.12290	19.30153	17.01192
19.12219	20.98953	22.18831	22.60936	22.21700	21.05792	19.25470	16.98605
19.07138	20.92268	22.11054	22.52802	22.14033	20.99350	19.20816	16.96015
19.02077	20.85633	22.03350	22.44750	22.06442	20.92965	19.16189	16.93423
18.97037	20.79049	21.95718	22.36779	21.98925	20.86635	19.11590	16.90829
18.92017	20.72515	21.88158	22.28888	21.91481	20.80360	19.07019	16.88233
18.87017	20.66029	21.80666	22.21074	21.84110	20.74138	19.02474	16.85635
18.82037	20.59592	21.73243	22.13337	21.76809	20.67969	18.97957	16.83037
18.77078	20.53202	21.65888	22.05675	21.69578	20.61851	18.93466	16.80439
18.72138	20.46858	21.58598	21.98086	21.62415	20.55785	18.89002	16.77840
18.67218	20.40560	21.51373	21.90570	21.55319	20.49770	18.84564	16.75241
18.62317	20.34307	21.44211	21.83125	21.48289	20.43804	18.80152	16.72643
18.57436	20.28098	21.37112	21.75750	21.41324	20.37888	18.75767	16.70046
18.52574	20.21933	21.30075	21.68444	21.34423	20.32019	18.71407	16.67450
18.47731	20.15812	21.23097	21.61205	21.27585	20.26198	18.67072	16.64855
18.42907	20.09732	21.16180	21.54032	21.20808	20.20424	18.62763	16.62262
18.38102	20.03694	21.09320	21.46925	21.14092	20.14697	18.58479	16.59671
18.33316	19.97698	21.02518	21.39881	21.07436	20.09014	18.54220	16.57082
18.28548	19.91742	20.95772	21.32900	21.00838	20.03377	18.49986	16.54495
18.23799	19.85825	20.89082	21.25981	20.94298	19.97784	18.45776	16.51911
18.19068	19.79948	20.82446	21.19123	20.87815	19.92235	18.41590	16.49330
18.14355	19.74110	20.75864	21.12324	20.81388	19.86728	18.37428	16.46751
18.09661	19.68310	20.69335	21.05585	20.75016	19.81264	18.33291	16.44176
18.04984	19.62548	20.62857	20.98903	20.68697	19.75842	18.29177	16.41604
18.00325	19.56822	20.56431	20.92278	20.62432	19.70461	18.25086	16.39036

17.95684	19.51133	20.50055	20.85709	20.56220	19.65121	18.21018	16.36472
17.91060	19.45480	20.43728	20.79194	20.50059	19.59820	18.16974	16.33911
17.86454	19.39863	20.37450	20.72734	20.43948	19.54560	18.12952	16.31355
17.81865	19.34281	20.31220	20.66327	20.37888	19.49338	18.08953	16.28802
17.77293	19.28733	20.25036	20.59972	20.31877	19.44154	18.04977	16.26254
17.72739	19.23219	20.18900	20.53669	20.25914	19.39009	18.01022	16.23710
17.68201	19.17739	20.12809	20.47417	20.19999	19.33901	17.97090	16.21171
17.63680	19.12292	20.06763	20.41214	20.14131	19.28829	17.93179	16.18637
17.59176	19.06878	20.00761	20.35061	20.08309	19.23795	17.89290	16.16107
17.54689	19.01496	19.94802	20.28956	20.02533	19.18796	17.85422	16.13582
17.50218	18.96146	19.88887	20.22898	19.96801	19.13832	17.81575	16.11063
17.45764	18.90827	19.83014	20.16887	19.91114	19.08903	17.77750	16.08548
17.41326	18.85540	19.77183	20.10923	19.85470	19.04009	17.73945	16.06038
17.36904	18.80283	19.71392	20.05003	19.79869	18.99149	17.70161	16.03534
17.32499	18.75056	19.65643	19.99129	19.74311	18.94322	17.66397	16.01035
17.28109	18.69859	19.59933	19.93299	19.68794	18.89528	17.62653	15.98541
17.23736	18.64691	19.54262	19.87511	19.63318	18.84767	17.58930	15.96053
17.19378	18.59553	19.48630	19.81767	19.57882	18.80039	17.55226	15.93571
17.15036	18.54443	19.43036	19.76065	19.52486	18.75342	17.51541	15.91094
17.10710	18.49362	19.37479	19.70404	19.47130	18.70676	17.47877	15.88622
17.06399	18.44308	19.31960	19.64784	19.41812	18.66042	17.44231	15.86157
17.02104	18.39283	19.26477	19.59205	19.36532	18.61438	17.40605	15.83697
16.97824	18.34284	19.21031	19.53665	19.31290	18.56864	17.36997	15.81243
16.93560	18.29313	19.15619	19.48164	19.26085	18.52320	17.33408	15.78794
16.89310	18.24368	19.10243	19.42701	19.20916	18.47805	17.29838	15.76352
16.85076	18.19450	19.04901	19.37277	19.15783	18.43319	17.26286	15.73915
16.80857	18.14558	18.99594	19.31890	19.10686	18.38863	17.22752	15.71485
16.76653	18.09691	18.94320	19.26540	19.05624	18.34434	17.19237	15.69060
16.72463	18.04850	18.89079	19.21226	19.00597	18.30033	17.15739	15.66642
16.68289	18.00034	18.83871	19.15949	18.95603	18.25660	17.12259	15.64229
16.64129	17.95243	18.78695	19.10706	18.90644	18.21314	17.08796	15.61823
16.59984	17.90477	18.73551	19.05499	18.85717	18.16995	17.05350	15.59423
16.55853	17.85735	18.68438	19.00326	18.80823	18.12703	17.01922	15.57028
16.51737	17.81017	18.63357	18.95187	18.75961	18.08437	16.98511	15.54640
16.47635	17.76323	18.58306	18.90081	18.71131	18.04197	16.95116	15.52258
16.43547	17.71653	18.53285	18.85009	18.66333	17.99982	16.91739	15.49882
16.39474	17.67005	18.48294	18.79969	18.61566	17.95793	16.88377	15.47513
16.35415	17.62381	18.43333	18.74961	18.56829	17.91629	16.85032	15.45149
16.31370	17.57780	18.38401	18.69985	18.52122	17.87489	16.81704	15.42792
16.27339	17.53201	18.33497	18.65040	18.47445	17.83374	16.78391	15.40440
16.23323	17.48644	18.28622	18.60126	18.42797	17.79283	16.75094	15.38095
16.19320	17.44110	18.23774	18.55243	18.38179	17.75215	16.71813	15.35757
16.15330	17.39597	18.18955	18.50390	18.33589	17.71171	16.68548	15.33424
16.11355	17.35106	18.14163	18.45566	18.29027	17.67151	16.65298	15.31097
16.07393	17.30637	18.09397	18.40772	18.24493	17.63153	16.62063	15.28777
16.03445	17.26189	18.04659	18.36007	18.19987	17.59178	16.58843	15.26463
15.99511	17.21761	17.99946	18.31270	18.15508	17.55226	16.55639	15.24155
15.95590	17.17355	17.95260	18.26561	18.11056	17.51295	16.52449	15.21853
15.91682	17.12969	17.90600	18.21881	18.06631	17.47387	16.49274	15.19557
15.87788	17.08603	17.85965	18.17228	18.02231	17.43500	16.46114	15.17268
15.83907	17.04258	17.81355	18.12602	17.97858	17.39634	16.42968	15.14984
15.80039	16.99932	17.76770	18.08003	17.93510	17.35790	16.39836	15.12707
15.76185	16.95627	17.72209	18.03430	17.89187	17.31967	16.36718	15.10436
15.72344	16.91341	17.67673	17.98884	17.84889	17.28164	16.33615	15.08171
15.68515	16.87074	17.63161	17.94363	17.80616	17.24381	16.30525	15.05912
15.64700	16.82827	17.58673	17.89868	17.76367	17.20619	16.27450	15.03659

15.60898	16.78599	17.54208	17.85399	17.72143	17.16877	16.24388	15.01412
15.57109	16.74390	17.49766	17.80954	17.67942	17.13155	16.21339	14.99171
15.53332	16.70199	17.45347	17.76534	17.63764	17.09452	16.18304	14.96936
15.49568	16.66027	17.40951	17.72138	17.59610	17.05768	16.15282	14.94707
15.45817	16.61874	17.36577	17.67767	17.55479	17.02104	16.12273	14.92485
15.42079	16.57738	17.32226	17.63419	17.51370	16.98458	16.09277	14.90268
15.38353	16.53621	17.27896	17.59095	17.47284	16.94831	16.06294	14.88057
15.34640	16.49522	17.23589	17.54794	17.43220	16.91223	16.03324	14.85852
15.30940	16.45440	17.19303	17.50516	17.39177	16.87633	16.00367	14.83653
15.27251	16.41377	17.15038	17.46261	17.35157	16.84061	15.97422	14.81460
15.23576	16.37330	17.10794	17.42028	17.31157	16.80506	15.94490	14.79273
15.19912	16.33301	17.06571	17.37818	17.27179	16.76970	15.91570	14.77091
15.16261	16.29289	17.02369	17.33629	17.23222	16.73451	15.88662	14.74916
15.12623	16.25294	16.98187	17.29462	17.19286	16.69949	15.85766	14.72746
15.08996	16.21316	16.94025	17.25317	17.15370	16.66464	15.82882	14.70582
15.05382	16.17355	16.89883	17.21193	17.11474	16.62997	15.80011	14.68424
15.01779	16.13411	16.85762	17.17090	17.07598	16.59546	15.77151	14.66271
14.98189	16.09483	16.81659	17.13008	17.03742	16.56112	15.74302	14.64125
14.94611	16.05571	16.77577	17.08947	16.99906	16.52694	15.71465	14.61984
14.91044	16.01676	16.73513	17.04906	16.96089	16.49292	15.68640	14.59848
14.87490	15.97796	16.69469	17.00885	16.92291	16.45907	15.65826	14.57719
14.83948	15.93933	16.65443	16.96884	16.88512	16.42537	15.63023	14.55595
14.80417	15.90085	16.61436	16.92902	16.84751	16.39183	15.60232	14.53476
14.76898	15.86254	16.57448	16.88941	16.81010	16.35845	15.57451	14.51364
14.73391	15.82437	16.53477	16.84998	16.77286	16.32522	15.54682	14.49256
14.69895	15.78637	16.49526	16.81075	16.73581	16.29214	15.51923	14.47155
14.66411	15.74851	16.45592	16.77171	16.69894	16.25922	15.49176	14.45058
14.62939	15.71081	16.41675	16.73285	16.66224	16.22644	15.46439	14.42968
14.59478	15.67327	16.37777	16.69418	16.62572	16.19382	15.43712	14.40882
14.56029	15.63587	16.33896	16.65569	16.58938	16.16134	15.40996	14.38802
14.52591	15.59862	16.30032	16.61739	16.55321	16.12901	15.38290	14.36728
14.49165	15.56152	16.26186	16.57926	16.51720	16.09682	15.35595	14.34659
14.45750	15.52457	16.22357	16.54132	16.48137	16.06477	15.32910	14.32595
14.42346	15.48776	16.18544	16.50355	16.44571	16.03286	15.30235	14.30537
14.38954	15.45110	16.14748	16.46595	16.41021	16.00110	15.27571	14.28484
14.35573	15.41458	16.10969	16.42853	16.37487	15.96947	15.24916	14.26436
14.32203	15.37821	16.07207	16.39128	16.33970	15.93798	15.22271	14.24394
14.28844	15.34198	16.03460	16.35420	16.30468	15.90662	15.19636	14.22357
14.25496	15.30588	15.99730	16.31729	16.26983	15.87540	15.17011	14.20325
14.22160	15.26993	15.96016	16.28054	16.23513	15.84431	15.14395	14.18298
14.18834	15.23412	15.92317	16.24396	16.20059	15.81336	15.11789	14.16276
14.15519	15.19845	15.88635	16.20755	16.16621	15.78254	15.09192	14.14260
14.12216	15.16291	15.84968	16.17129	16.13197	15.75184	15.06605	14.12248
14.08923	15.12751	15.81316	16.13520	16.09789	15.72128	15.04027	14.10242
14.05641	15.09225	15.77680	16.09927	16.06396	15.69084	15.01459	14.08241
14.02370	15.05712	15.74059	16.06349	16.03018	15.66052	14.98900	14.06245
13.99109	15.02213	15.70454	16.02787	15.99654	15.63034	14.96349	14.04254
13.95860	14.98726	15.66863	15.99240	15.96306	15.60027	14.93808	14.02267
13.92621	14.95253	15.63287	15.95709	15.92971	15.57033	14.91276	14.00286
13.89393	14.91793	15.59726	15.92193	15.89651	15.54051	14.88753	13.98310
13.86175	14.88347	15.56179	15.88692	15.86345	15.51081	14.86238	13.96339
13.82968	14.84913	15.52647	15.85206	15.83054	15.48124	14.83733	13.94372
13.79771	14.81492	15.49130	15.81735	15.79776	15.45177	14.81236	13.92411
13.76585	14.78083	15.45626	15.78279	15.76512	15.42243	14.78747	13.90454
13.73410	14.74688	15.42137	15.74837	15.73262	15.39320	14.76268	13.88502
13.70245	14.71305	15.38662	15.71409	15.70025	15.36409	14.73796	13.86555

13.67090	14.67935	15.35201	15.67996	15.66802	15.33510	14.71334	13.84613
13.63945	14.64577	15.31754	15.64597	15.63592	15.30621	14.68879	13.82675
13.60811	14.61231	15.28321	15.61212	15.60396	15.27744	14.66433	13.80743
13.57687	14.57898	15.24901	15.57842	15.57212	15.24878	14.63995	13.78815
13.54574	14.54578	15.21495	15.54485	15.54042	15.22023	14.61565	13.76891
13.51470	14.51269	15.18102	15.51141	15.50884	15.19179	14.59144	13.74972
13.48377	14.47972	15.14723	15.47812	15.47739	15.16346	14.56730	13.73058
13.45294	14.44688	15.11357	15.44496	15.44607	15.13524	14.54325	13.71149
13.42221	14.41415	15.08004	15.41193	15.41488	15.10712	14.51927	13.69244
13.39158	14.38155	15.04664	15.37903	15.38381	15.07911	14.49537	13.67344
13.36105	14.34906	15.01337	15.34627	15.35286	15.05121	14.47155	13.65448
13.33062	14.31669	14.98023	15.31364	15.32204	15.02341	14.44781	13.63557
13.30029	14.28444	14.94721	15.28114	15.29133	14.99571	14.42415	13.61670
13.27006	14.25230	14.91433	15.24877	15.26075	14.96812	14.40056	13.59788
13.23992	14.22028	14.88157	15.21652	15.23029	14.94062	14.37705	13.57911
13.20989	14.18837	14.84894	15.18440	15.19995	14.91323	14.35361	13.56037
13.17995	14.15658	14.81643	15.15241	15.16972	14.88594	14.33025	13.54169
13.15011	14.12490	14.78404	15.12054	15.13961	14.85875	14.30696	13.52304
13.12037	14.09334	14.75178	15.08880	15.10962	14.83166	14.28375	13.50444
13.09072	14.06188	14.71963	15.05718	15.07974	14.80466	14.26061	13.48589
13.06117	14.03054	14.68761	15.02568	15.04998	14.77777	14.23754	13.46737
13.03172	13.99931	14.65571	14.99430	15.02033	14.75096	14.21455	13.44891
13.00236	13.96819	14.62393	14.96305	14.99079	14.72426	14.19163	13.43048
12.97310	13.93718	14.59227	14.93191	14.96136	14.69765	14.16877	13.41210
12.94394	13.90629	14.56073	14.90089	14.93204	14.67113	14.14599	13.39375
12.91486	13.87549	14.52930	14.86999	14.90284	14.64471	14.12328	13.37546
12.88589	13.84481	14.49799	14.83921	14.87374	14.61838	14.10064	13.35720
12.85700	13.81424	14.46679	14.80854	14.84475	14.59214	14.07807	13.33899
12.82821	13.78377	14.43571	14.77798	14.81587	14.56600	14.05557	13.32082
12.79952	13.75341	14.40474	14.74754	14.78709	14.53994	14.03314	13.30268
12.77091	13.72315	14.37389	14.71722	14.75842	14.51398	14.01077	13.28460
12.74240	13.69300	14.34315	14.68701	14.72986	14.48810	13.98848	13.26655
12.71398	13.66296	14.31252	14.65691	14.70140	14.46231	13.96625	13.24854
12.68566	13.63302	14.28200	14.62692	14.67304	14.43662	13.94408	13.23058
12.65742	13.60318	14.25159	14.59704	14.64478	14.41100	13.92199	13.21265
12.62928	13.57344	14.22130	14.56727	14.61663	14.38548	13.89995	13.19477
12.60123	13.54381	14.19111	14.53761	14.58858	14.36004	13.87799	13.17693
12.57326	13.51428	14.16103	14.50805	14.56063	14.33469	13.85609	13.15912
12.54539	13.48486	14.13106	14.47861	14.53278	14.30942	13.83425	13.14136
12.51761	13.45553	14.10119	14.44927	14.50503	14.28424	13.81248	13.12364
12.48992	13.42630	14.07143	14.42004	14.47737	14.25914	13.79077	13.10596
12.46232	13.39718	14.04178	14.39091	14.44982	14.23413	13.76913	13.08831
12.43480	13.36815	14.01223	14.36189	14.42236	14.20920	13.74755	13.07071
12.40738	13.33923	13.98279	14.33297	14.39499	14.18435	13.72603	13.05314
12.38004	13.31040	13.95345	14.30415	14.36773	14.15958	13.70457	13.03562
12.35279	13.28167	13.92422	14.27544	14.34056	14.13490	13.68318	13.01813
12.32563	13.25304	13.89509	14.24683	14.31348	14.11029	13.66184	13.00068
12.29856	13.22450	13.86605	14.21832	14.28649	14.08576	13.64057	12.98327
12.27157	13.19606	13.83713	14.18991	14.25960	14.06132	13.61936	12.96590
12.24467	13.16772	13.80830	14.16160	14.23281	14.03695	13.59821	12.94857
12.21786	13.13947	13.77957	14.13339	14.20610	14.01266	13.57712	12.93128
12.19113	13.11132	13.75094	14.10528	14.17949	13.98845	13.55609	12.91402
12.16449	13.08326	13.72241	14.07727	14.15296	13.96432	13.53512	12.89680
12.13794	13.05530	13.69398	14.04935	14.12653	13.94026	13.51421	12.87962
12.11147	13.02743	13.66565	14.02153	14.10018	13.91628	13.49336	12.86248
12.08508	12.99966	13.63742	13.99381	14.07393	13.89238	13.47256	12.84537

12.05878	12.97198	13.60928	13.96618	14.04776	13.86855	13.45182	12.82830
12.03256	12.94439	13.58124	13.93865	14.02168	13.84480	13.43114	12.81127
12.00643	12.91689	13.55330	13.91121	13.99569	13.82112	13.41052	12.79428
11.98038	12.88949	13.52545	13.88387	13.96979	13.79752	13.38996	12.77732
11.95442	12.86217	13.49769	13.85662	13.94397	13.77399	13.36945	12.76040
11.92853	12.83495	13.47003	13.82946	13.91824	13.75054	13.34900	12.74351
11.90273	12.80782	13.44247	13.80240	13.89259	13.72715	13.32860	12.72667
11.87701	12.78077	13.41500	13.77542	13.86703	13.70384	13.30827	12.70985
11.85138	12.75382	13.38762	13.74854	13.84155	13.68060	13.28798	12.69308
11.82583	12.72695	13.36033	13.72175	13.81615	13.65743	13.26775	12.67634
11.80035	12.70018	13.33313	13.69505	13.79084	13.63434	13.24758	12.65964
11.77496	12.67349	13.30603	13.66843	13.76561	13.61131	13.22746	12.64297
11.74965	12.64689	13.27902	13.64191	13.74046	13.58836	13.20740	12.62634
11.72442	12.62038	13.25209	13.61548	13.71540	13.56547	13.18739	12.60974
11.69927	12.59396	13.22526	13.58913	13.69041	13.54266	13.16743	12.59318
11.67420	12.56762	13.19852	13.56287	13.66551	13.51991	13.14753	12.57665
11.64921	12.54137	13.17186	13.53670	13.64069	13.49723	13.12768	12.56016
11.62430	12.51520	13.14530	13.51062	13.61594	13.47462	13.10788	12.54370
11.59947	12.48912	13.11882	13.48462	13.59128	13.45208	13.08814	12.52728
11.57472	12.46313	13.09243	13.45870	13.56669	13.42960	13.06845	12.51089
11.55005	12.43722	13.06613	13.43287	13.54218	13.40720	13.04881	12.49454
11.52545	12.41139	13.03991	13.40713	13.51775	13.38486	13.02922	12.47822
11.50094	12.38565	13.01378	13.38147	13.49340	13.36258	13.00968	12.46194
11.47650	12.35999	12.98774	13.35589	13.46913	13.34037	12.99020	12.44569
11.45213	12.33442	12.96178	13.33040	13.44493	13.31823	12.97077	12.42948
11.42785	12.30892	12.93590	13.30499	13.42081	13.29616	12.95138	12.41330
11.40364	12.28351	12.91011	13.27966	13.39676	13.27414	12.93205	12.39715
11.37951	12.25819	12.88441	13.25442	13.37279	13.25220	12.91277	12.38104
11.35545	12.23294	12.85879	13.22926	13.34889	13.23031	12.89354	12.36496
11.33147	12.20778	12.83325	13.20417	13.32507	13.20849	12.87436	12.34891
11.30757	12.18269	12.80780	13.17917	13.30132	13.18674	12.85523	12.33290
11.28374	12.15769	12.78242	13.15425	13.27765	13.16505	12.83615	12.31692
11.25999	12.13277	12.75713	13.12941	13.25405	13.14342	12.81711	12.30097
11.23631	12.10793	12.73192	13.10464	13.23052	13.12185	12.79813	12.28506
11.21271	12.08317	12.70680	13.07996	13.20707	13.10034	12.77919	12.26918
11.18918	12.05848	12.68175	13.05535	13.18368	13.07890	12.76031	12.25333
11.16572	12.03388	12.65678	13.03083	13.16037	13.05752	12.74147	12.23752
11.14234	12.00935	12.63190	13.00638	13.13713	13.03620	12.72268	12.22174
11.11903	11.98491	12.60709	12.98200	13.11396	13.01494	12.70394	12.20599
11.09580	11.96054	12.58236	12.95771	13.09086	12.99374	12.68524	12.19027
11.07264	11.93625	12.55772	12.93349	13.06784	12.97261	12.66660	12.17459
11.04955	11.91203	12.53315	12.90935	13.04488	12.95153	12.64800	12.15894
11.02653	11.88790	12.50865	12.88528	13.02199	12.93051	12.62944	12.14332
11.00359	11.86384	12.48424	12.86129	12.99917	12.90955	12.61094	12.12773
10.98072	11.83985	12.45991	12.83737	12.97642	12.88865	12.59248	12.11218
10.95792	11.81594	12.43565	12.81353	12.95374	12.86781	12.57407	12.09666
10.93519	11.79211	12.41146	12.78976	12.93113	12.84703	12.55570	12.08117
10.91253	11.76835	12.38736	12.76607	12.90858	12.82631	12.53738	12.06571
10.88994	11.74467	12.36333	12.74245	12.88610	12.80564	12.51910	12.05028
10.86742	11.72106	12.33938	12.71890	12.86369	12.78503	12.50088	12.03488
10.84498	11.69753	12.31550	12.69543	12.84135	12.76448	12.48269	12.01952
10.82260	11.67407	12.29169	12.67203	12.81907	12.74399	12.46455	12.00418
10.80029	11.65069	12.26796	12.64870	12.79686	12.72355	12.44646	11.98888
10.77805	11.62738	12.24431	12.62544	12.77471	12.70318	12.42841	11.97361
10.75589	11.60414	12.22073	12.60225	12.75263	12.68285	12.41041	11.95837
10.73379	11.58097	12.19722	12.57914	12.73061	12.66259	12.39245	11.94316

10.71176	11.55788	12.17379	12.55610	12.70866	12.64238	12.37453	11.92799
10.68980	11.53486	12.15043	12.53312	12.68678	12.62222	12.35666	11.91284
10.66790	11.51191	12.12714	12.51022	12.66496	12.60212	12.33884	11.89773
10.64608	11.48903	12.10393	12.48738	12.64320	12.58208	12.32105	11.88264
10.62432	11.46622	12.08078	12.46462	12.62151	12.56209	12.30332	11.86759
10.60263	11.44349	12.05771	12.44192	12.59987	12.54215	12.28562	11.85256
10.58101	11.42083	12.03471	12.41930	12.57831	12.52227	12.26797	11.83757
10.55945	11.39823	12.01178	12.39674	12.55680	12.50244	12.25036	11.82261
10.53796	11.37571	11.98892	12.37425	12.53536	12.48267	12.23279	11.80767
10.51654	11.35326	11.96613	12.35183	12.51398	12.46295	12.21527	11.79277
10.49518	11.33087	11.94341	12.32947	12.49266	12.44329	12.19779	11.77790
10.47389	11.30856	11.92077	12.30719	12.47141	12.42367	12.18035	11.76306
10.45267	11.28631	11.89819	12.28497	12.45021	12.40411	12.16295	11.74825
10.43151	11.26413	11.87568	12.26281	12.42908	12.38461	12.14560	11.73346
10.41041	11.24203	11.85324	12.24073	12.40800	12.36515	12.12828	11.71871
10.38939	11.21999	11.83086	12.21870	12.38699	12.34575	12.11101	11.70399
10.36842	11.19801	11.80856	12.19675	12.36604	12.32640	12.09379	11.68930
10.34752	11.17611	11.78633	12.17486	12.34515	12.30710	12.07660	11.67463
10.32669	11.15427	11.76416	12.15303	12.32431	12.28786	12.05945	11.66000
10.30592	11.13250	11.74206	12.13127	12.30354	12.26866	12.04235	11.64539
10.28521	11.11080	11.72002	12.10958	12.28283	12.24952	12.02528	11.63082
10.26457	11.08916	11.69806	12.08795	12.26217	12.23043	12.00826	11.61627
10.24399	11.06759	11.67616	12.06638	12.24157	12.21138	11.99128	11.60176
10.22347	11.04609	11.65432	12.04488	12.22104	12.19239	11.97434	11.58727
10.20302	11.02465	11.63255	12.02344	12.20056	12.17345	11.95744	11.57281
10.18262	11.00328	11.61085	12.00206	12.18013	12.15456	11.94058	11.55838
10.16230	10.98197	11.58922	11.98075	12.15977	12.13572	11.92375	11.54399
10.14203	10.96073	11.56764	11.95950	12.13946	12.11693	11.90697	11.52961
10.12182	10.93955	11.54614	11.93831	12.11921	12.09819	11.89023	11.51527
10.10168	10.91843	11.52470	11.91718	12.09902	12.07949	11.87353	11.50096
10.08160	10.89739	11.50332	11.89612	12.07888	12.06085	11.85687	11.48667
10.06158	10.87640	11.48200	11.87511	12.05880	12.04225	11.84025	11.47242
10.04162	10.85548	11.46075	11.85417	12.03878	12.02371	11.82367	11.45819
10.02172	10.83462	11.43957	11.83329	12.01881	12.00521	11.80712	11.44399
10.00189	10.81383	11.41845	11.81247	11.99890	11.98676	11.79062	11.42982
9.98211	10.79309	11.39739	11.79171	11.97904	11.96836	11.77415	11.41568
9.96239	10.77242	11.37639	11.77101	11.95924	11.95001	11.75773	11.40157
9.94274	10.75182	11.35546	11.75037	11.93950	11.93170	11.74134	11.38748
9.92314	10.73127	11.33458	11.72979	11.91980	11.91345	11.72499	11.37343
9.90360	10.71079	11.31377	11.70927	11.90017	11.89524	11.70868	11.35940
9.88412	10.69037	11.29303	11.68881	11.88058	11.87707	11.69241	11.34540
9.86471	10.67001	11.27234	11.66841	11.86106	11.85896	11.67617	11.33142
9.84535	10.64971	11.25171	11.64807	11.84158	11.84089	11.65998	11.31748
9.82604	10.62948	11.23115	11.62778	11.82216	11.82287	11.64382	11.30356
9.80680	10.60930	11.21064	11.60756	11.80279	11.80489	11.62770	11.28967
9.78762	10.58918	11.19020	11.58739	11.78348	11.78696	11.61161	11.27581
9.76849	10.56913	11.16982	11.56728	11.76422	11.76908	11.59557	11.26198
9.74942	10.54913	11.14950	11.54723	11.74501	11.75124	11.57956	11.24817
9.73041	10.52920	11.12923	11.52723	11.72586	11.73345	11.56359	11.23440
9.71146	10.50932	11.10903	11.50730	11.70675	11.71571	11.54766	11.22065
9.69256	10.48951	11.08889	11.48741	11.68770	11.69801	11.53176	11.20692
9.67372	10.46975	11.06880	11.46759	11.66870	11.68035	11.51590	11.19323
9.65494	10.45005	11.04877	11.44782	11.64976	11.66274	11.50008	11.17956
9.63621	10.43041	11.02881	11.42811	11.63086	11.64518	11.48429	11.16592
9.61754	10.41083	11.00890	11.40846	11.61202	11.62766	11.46854	11.15230
9.59893	10.39131	10.98905	11.38886	11.59323	11.61018	11.45283	11.13872

9.58037	10.37185	10.96925	11.36931	11.57449	11.59275	11.43716	11.12516
9.56187	10.35244	10.94952	11.34982	11.55579	11.57537	11.42152	11.11163
9.54342	10.33309	10.92984	11.33039	11.53715	11.55802	11.40591	11.09812
9.52503	10.31380	10.91022	11.31101	11.51857	11.54073	11.39034	11.08464
9.50669	10.29456	10.89066	11.29169	11.50003	11.52347	11.37481	11.07119
9.48841	10.27539	10.87115	11.27242	11.48154	11.50626	11.35932	11.05777
9.47018	10.25626	10.85170	11.25320	11.46310	11.48909	11.34386	11.04437
9.45201	10.23720	10.83231	11.23404	11.44471	11.47197	11.32843	11.03100
9.43389	10.21819	10.81297	11.21494	11.42637	11.45489	11.31304	11.01766
9.41583	10.19924	10.79369	11.19588	11.40808	11.43785	11.29769	11.00434
9.39782	10.18034	10.77446	11.17688	11.38983	11.42086	11.28237	10.99105
9.37987	10.16150	10.75529	11.15794	11.37164	11.40391	11.26709	10.97779
9.36196	10.14272	10.73618	11.13904	11.35350	11.38700	11.25184	10.96455
9.34411	10.12399	10.71712	11.12020	11.33540	11.37013	11.23663	10.95134
9.32632	10.10532	10.69811	11.10141	11.31736	11.35331	11.22145	10.93815
9.30858	10.08670	10.67916	11.08268	11.29936	11.33653	11.20630	10.92499
9.29089	10.06813	10.66027	11.06399	11.28141	11.31979	11.19120	10.91186
9.27325	10.04962	10.64143	11.04536	11.26350	11.30309	11.17612	10.89876
9.25566	10.03116	10.62264	11.02678	11.24565	11.28643	11.16108	10.88568
9.23813	10.01276	10.60391	11.00826	11.22784	11.26982	11.14608	10.87263
9.22065	9.99441	10.58523	10.98978	11.21008	11.25325	11.13111	10.85960
9.20322	9.97612	10.56660	10.97135	11.19237	11.23672	11.11617	10.84660
9.18584	9.95788	10.54803	10.95298	11.17470	11.22023	11.10127	10.83362
9.16852	9.93969	10.52951	10.93466	11.15708	11.20378	11.08640	10.82067
9.15124	9.92155	10.51104	10.91638	11.13951	11.18737	11.07156	10.80775
9.13402	9.90347	10.49263	10.89816	11.12198	11.17100	11.05676	10.79485
9.11684	9.88544	10.47426	10.87999	11.10450	11.15468	11.04200	10.78198
9.09972	9.86746	10.45595	10.86187	11.08707	11.13839	11.02726	10.76914
9.08265	9.84954	10.43770	10.84380	11.06968	11.12215	11.01256	10.75632
9.06563	9.83167	10.41949	10.82578	11.05234	11.10594	10.99790	10.74352
9.04866	9.81384	10.40134	10.80780	11.03504	11.08978	10.98326	10.73076
9.03174	9.79607	10.38323	10.78988	11.01779	11.07365	10.96866	10.71801
9.01486	9.77836	10.36518	10.77201	11.00059	11.05757	10.95410	10.70530
8.99804	9.76069	10.34718	10.75418	10.98343	11.04152	10.93956	10.69260
8.98127	9.74307	10.32923	10.73641	10.96631	11.02552	10.92506	10.67994
8.96455	9.72551	10.31134	10.71868	10.94924	11.00955	10.91060	10.66730
8.94787	9.70800	10.29349	10.70100	10.93222	10.99363	10.89616	10.65468
8.93125	9.69053	10.27569	10.68337	10.91524	10.97774	10.88176	10.64209
8.91467	9.67312	10.25794	10.66579	10.89830	10.96189	10.86739	10.62953
8.89814	9.65576	10.24025	10.64826	10.88141	10.94608	10.85305	10.61699
8.88166	9.63845	10.22260	10.63077	10.86456	10.93031	10.83875	10.60447
8.86523	9.62118	10.20500	10.61333	10.84776	10.91458	10.82448	10.59198
8.84885	9.60397	10.18745	10.59594	10.83100	10.89889	10.81024	10.57952
8.83252	9.58681	10.16995	10.57860	10.81428	10.88323	10.79603	10.56708
8.81623	9.56969	10.15250	10.56130	10.79761	10.86762	10.78186	10.55467
8.79999	9.55263	10.13510	10.54405	10.78098	10.85204	10.76771	10.54228
8.78379	9.53561	10.11775	10.52685	10.76439	10.83650	10.75360	10.52991
8.76765	9.51864	10.10044	10.50969	10.74785	10.82100	10.73952	10.51757
8.75155	9.50172	10.08319	10.49258	10.73135	10.80554	10.72548	10.50526
8.73550	9.48485	10.06598	10.47552	10.71489	10.79011	10.71146	10.49297
8.71949	9.46803	10.04882	10.45850	10.69848	10.77473	10.69748	10.48070
8.70354	9.45126	10.03171	10.44153	10.68210	10.75938	10.68352	10.46846
8.68762	9.43453	10.01465	10.42461	10.66577	10.74406	10.66960	10.45625
8.67176	9.41785	9.99763	10.40773	10.64949	10.72879	10.65571	10.44406
8.65594	9.40122	9.98066	10.39089	10.63324	10.71355	10.64186	10.43189
8.64016	9.38464	9.96374	10.37411	10.61704	10.69835	10.62803	10.41975

8.62443	9.36810	9.94687	10.35736	10.60088	10.68319	10.61423	10.40763
8.60875	9.35161	9.93004	10.34066	10.58476	10.66806	10.60047	10.39554
8.59311	9.33517	9.91326	10.32401	10.56868	10.65297	10.58673	10.38347
8.57752	9.31877	9.89653	10.30740	10.55264	10.63792	10.57303	10.37143
8.56197	9.30242	9.87984	10.29084	10.53664	10.62290	10.55936	10.35941
8.54647	9.28612	9.86320	10.27432	10.52069	10.60792	10.54572	10.34741

1.50E-05	1.60E-05	1.70E-05	1.80E-05	1.90E-05	2.00E-05	2.10E-05	2.20E-05	2.30E-05
0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
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0.10150	0.00490	0.00010	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
0.19663	0.01408	0.00057	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
0.32842	0.03098	0.00187	0.00006	0.00000	0.00000	0.00000	0.00000	0.00000
0.49647	0.05782	0.00460	0.00024	0.00001	0.00000	0.00000	0.00000	0.00000
0.69866	0.09636	0.00948	0.00065	0.00003	0.00000	0.00000	0.00000	0.00000
0.93179	0.14790	0.01729	0.00147	0.00009	0.00000	0.00000	0.00000	0.00000
1.19206	0.21323	0.02877	0.00292	0.00022	0.00001	0.00000	0.00000	0.00000
1.47547	0.29267	0.04463	0.00523	0.00047	0.00003	0.00000	0.00000	0.00000
1.77799	0.38614	0.06549	0.00869	0.00090	0.00007	0.00000	0.00000	0.00000
2.09581	0.49326	0.09188	0.01359	0.00160	0.00015	0.00001	0.00000	0.00000
2.42541	0.61338	0.12419	0.02022	0.00265	0.00028	0.00002	0.00000	0.00000
2.76356	0.74566	0.16271	0.02886	0.00417	0.00049	0.00005	0.00000	0.00000
3.10741	0.88916	0.20762	0.03978	0.00627	0.00081	0.00009	0.00001	0.00000
3.45446	1.04283	0.25899	0.05321	0.00908	0.00129	0.00015	0.00001	0.00000
3.80253	1.20561	0.31680	0.06938	0.01271	0.00195	0.00025	0.00003	0.00000
4.14976	1.37642	0.38094	0.08845	0.01730	0.00286	0.00040	0.00005	0.00000
4.49457	1.55420	0.45124	0.11059	0.02297	0.00406	0.00061	0.00008	0.00001
4.83562	1.73794	0.52747	0.13589	0.02984	0.00560	0.00090	0.00012	0.00001
5.17182	1.92666	0.60936	0.16444	0.03802	0.00756	0.00129	0.00019	0.00002
5.50226	2.11945	0.69660	0.19629	0.04762	0.00998	0.00181	0.00028	0.00004
5.82621	2.31544	0.78885	0.23145	0.05872	0.01293	0.00247	0.00041	0.00006
6.14310	2.51386	0.88577	0.26992	0.07142	0.01646	0.00331	0.00058	0.00009
6.45247	2.71398	0.98699	0.31166	0.08577	0.02064	0.00435	0.00081	0.00013
6.75399	2.91513	1.09216	0.35660	0.10185	0.02553	0.00563	0.00109	0.00019
7.04742	3.11672	1.20090	0.40468	0.11969	0.03117	0.00716	0.00146	0.00026
7.33261	3.31821	1.31286	0.45580	0.13934	0.03762	0.00899	0.00191	0.00036
7.60945	3.51911	1.42769	0.50986	0.16081	0.04493	0.01115	0.00246	0.00048
7.87792	3.71900	1.54505	0.56674	0.18413	0.05314	0.01366	0.00313	0.00064
8.13803	3.91750	1.66461	0.62631	0.20929	0.06229	0.01655	0.00394	0.00084
8.38985	4.11426	1.78607	0.68844	0.23629	0.07242	0.01987	0.00489	0.00108
8.63347	4.30900	1.90913	0.75299	0.26512	0.08355	0.02362	0.00601	0.00138
8.86899	4.50146	2.03350	0.81981	0.29575	0.09571	0.02785	0.00730	0.00173
9.09657	4.69142	2.15893	0.88878	0.32815	0.10893	0.03258	0.00880	0.00215
9.31635	4.87868	2.28516	0.95973	0.36229	0.12322	0.03784	0.01051	0.00265
9.52851	5.06310	2.41197	1.03253	0.39813	0.13859	0.04365	0.01246	0.00323
9.73324	5.24453	2.53914	1.10703	0.43561	0.15505	0.05002	0.01466	0.00391
9.93071	5.42286	2.66647	1.18310	0.47470	0.17260	0.05699	0.01712	0.00469
10.12113	5.59801	2.79377	1.26060	0.51533	0.19125	0.06456	0.01986	0.00558
10.30469	5.76989	2.92088	1.33939	0.55745	0.21099	0.07276	0.02290	0.00659
10.48159	5.93847	3.04763	1.41934	0.60100	0.23181	0.08160	0.02626	0.00774
10.65204	6.10370	3.17389	1.50034	0.64591	0.25371	0.09109	0.02994	0.00902
10.81623	6.26555	3.29951	1.58225	0.69214	0.27667	0.10123	0.03396	0.01046
10.97435	6.42402	3.42439	1.66496	0.73960	0.30067	0.11205	0.03834	0.01206

11.12661	6.57909	3.54841	1.74837	0.78824	0.32570	0.12354	0.04308	0.01383
11.27320	6.73077	3.67147	1.83236	0.83800	0.35174	0.13571	0.04820	0.01579
11.41430	6.87909	3.79349	1.91684	0.88881	0.37876	0.14856	0.05371	0.01793
11.55010	7.02405	3.91439	2.00170	0.94061	0.40675	0.16210	0.05962	0.02027
11.68078	7.16569	4.03408	2.08686	0.99333	0.43567	0.17632	0.06593	0.02281
11.80652	7.30404	4.15252	2.17223	1.04692	0.46550	0.19121	0.07266	0.02557
11.92747	7.43913	4.26964	2.25773	1.10131	0.49621	0.20679	0.07981	0.02856
12.04382	7.57102	4.38540	2.34328	1.15644	0.52778	0.22303	0.08738	0.03178
12.15572	7.69974	4.49975	2.42881	1.21226	0.56017	0.23994	0.09538	0.03523
12.26333	7.82534	4.61265	2.51425	1.26870	0.59336	0.25751	0.10382	0.03894
12.36679	7.94787	4.72408	2.59953	1.32572	0.62731	0.27572	0.11270	0.04289
12.46626	8.06738	4.83401	2.68461	1.38326	0.66199	0.29458	0.12202	0.04710
12.56187	8.18393	4.94240	2.76941	1.44127	0.69738	0.31407	0.13179	0.05158
12.65376	8.29757	5.04926	2.85390	1.49969	0.73343	0.33417	0.14200	0.05633
12.74207	8.40836	5.15455	2.93801	1.55849	0.77013	0.35488	0.15265	0.06135
12.82692	8.51635	5.25828	3.02171	1.61761	0.80744	0.37618	0.16374	0.06665
12.90843	8.62160	5.36043	3.10496	1.67700	0.84533	0.39806	0.17528	0.07224
12.98672	8.72416	5.46100	3.18771	1.73663	0.88377	0.42051	0.18725	0.07811
13.06190	8.82410	5.55999	3.26993	1.79645	0.92273	0.44351	0.19966	0.08426
13.13409	8.92147	5.65739	3.35159	1.85643	0.96218	0.46705	0.21251	0.09071
13.20339	9.01633	5.75322	3.43265	1.91652	1.00209	0.49111	0.22578	0.09746
13.26990	9.10872	5.84747	3.51310	1.97669	1.04244	0.51567	0.23948	0.10450
13.33373	9.19872	5.94016	3.59289	2.03691	1.08319	0.54073	0.25360	0.11183
13.39496	9.28636	6.03129	3.67202	2.09713	1.12431	0.56626	0.26814	0.11947
13.45368	9.37171	6.12087	3.75046	2.15734	1.16579	0.59226	0.28308	0.12740
13.50999	9.45483	6.20891	3.82819	2.21750	1.20759	0.61869	0.29843	0.13563
13.56397	9.53575	6.29543	3.90519	2.27758	1.24969	0.64556	0.31418	0.14416
13.61570	9.61454	6.38044	3.98145	2.33755	1.29207	0.67283	0.33031	0.15299
13.66526	9.69125	6.46395	4.05696	2.39739	1.33469	0.70050	0.34683	0.16211
13.71272	9.76592	6.54598	4.13170	2.45708	1.37754	0.72856	0.36373	0.17153
13.75816	9.83861	6.62655	4.20567	2.51659	1.42060	0.75697	0.38099	0.18124
13.80165	9.90936	6.70567	4.27885	2.57590	1.46383	0.78574	0.39861	0.19125
13.84324	9.97822	6.78335	4.35124	2.63499	1.50723	0.81483	0.41659	0.20154
13.88302	10.04523	6.85963	4.42282	2.69384	1.55077	0.84425	0.43491	0.21213
13.92104	10.11045	6.93451	4.49360	2.75243	1.59442	0.87397	0.45357	0.22300
13.95736	10.17392	7.00801	4.56358	2.81074	1.63818	0.90397	0.47255	0.23415
13.99203	10.23567	7.08016	4.63274	2.86877	1.68201	0.93425	0.49185	0.24557
14.02513	10.29575	7.15097	4.70108	2.92649	1.72591	0.96479	0.51146	0.25728
14.05669	10.35421	7.22046	4.76861	2.98389	1.76986	0.99557	0.53138	0.26926
14.08677	10.41109	7.28865	4.83532	3.04096	1.81383	1.02658	0.55158	0.28150
14.11542	10.46641	7.35556	4.90122	3.09768	1.85782	1.05780	0.57208	0.29401
14.14269	10.52023	7.42121	4.96630	3.15405	1.90180	1.08923	0.59284	0.30679
14.16862	10.57257	7.48562	5.03057	3.21005	1.94577	1.12085	0.61388	0.31982
14.19326	10.62348	7.54881	5.09402	3.26568	1.98971	1.15265	0.63517	0.33310
14.21665	10.67299	7.61080	5.15667	3.32091	2.03360	1.18460	0.65671	0.34663
14.23884	10.72114	7.67160	5.21850	3.37576	2.07743	1.21671	0.67849	0.36040
14.25986	10.76796	7.73125	5.27954	3.43020	2.12119	1.24896	0.70050	0.37441
14.27975	10.81348	7.78975	5.33978	3.48423	2.16487	1.28134	0.72274	0.38866
14.29855	10.85773	7.84712	5.39922	3.53785	2.20845	1.31383	0.74519	0.40314
14.31630	10.90075	7.90339	5.45787	3.59105	2.25193	1.34643	0.76785	0.41784
14.33302	10.94257	7.95858	5.51574	3.64382	2.29529	1.37912	0.79071	0.43276
14.34876	10.98322	8.01269	5.57283	3.69616	2.33853	1.41190	0.81375	0.44790
14.36354	11.02272	8.06576	5.62915	3.74806	2.38163	1.44475	0.83698	0.46325
14.37740	11.06111	8.11779	5.68470	3.79953	2.42458	1.47766	0.86039	0.47881
14.39037	11.09840	8.16882	5.73950	3.85055	2.46739	1.51062	0.88396	0.49456
14.40247	11.13464	8.21884	5.79353	3.90113	2.51003	1.54363	0.90768	0.51051

14.41373	11.16984	8.26789	5.84682	3.95126	2.55250	1.57668	0.93156	0.52665
14.42418	11.20404	8.31598	5.89937	4.00094	2.59479	1.60975	0.95558	0.54298
14.43385	11.23725	8.36313	5.95119	4.05017	2.63690	1.64284	0.97974	0.55948
14.44276	11.26949	8.40934	6.00228	4.09894	2.67882	1.67593	1.00402	0.57617
14.45093	11.30081	8.45465	6.05265	4.14727	2.72054	1.70903	1.02843	0.59302
14.45839	11.33120	8.49907	6.10232	4.19513	2.76207	1.74212	1.05295	0.61004
14.46516	11.36071	8.54261	6.15127	4.24254	2.80338	1.77520	1.07757	0.62722
14.47127	11.38934	8.58528	6.19953	4.28950	2.84448	1.80825	1.10230	0.64455
14.47673	11.41713	8.62711	6.24710	4.33600	2.88536	1.84128	1.12712	0.66204
14.48157	11.44409	8.66811	6.29400	4.38205	2.92601	1.87427	1.15203	0.67967
14.48580	11.47024	8.70830	6.34021	4.42764	2.96644	1.90722	1.17702	0.69744
14.48944	11.49560	8.74769	6.38576	4.47278	3.00664	1.94012	1.20208	0.71535
14.49252	11.52019	8.78628	6.43066	4.51746	3.04660	1.97297	1.22721	0.73339
14.49504	11.54403	8.82411	6.47490	4.56169	3.08632	2.00576	1.25240	0.75156
14.49703	11.56714	8.86118	6.51850	4.60548	3.12581	2.03848	1.27766	0.76985
14.49851	11.58954	8.89751	6.56147	4.64881	3.16504	2.07113	1.30296	0.78825
14.49948	11.61123	8.93311	6.60381	4.69170	3.20403	2.10370	1.32830	0.80677
14.49998	11.63224	8.96799	6.64553	4.73414	3.24276	2.13620	1.35369	0.82540
14.50000	11.65259	9.00217	6.68663	4.77614	3.28124	2.16860	1.37911	0.84413
14.49957	11.67229	9.03566	6.72714	4.81770	3.31947	2.20092	1.40456	0.86297
14.49869	11.69135	9.06847	6.76705	4.85882	3.35744	2.23314	1.43004	0.88190
14.49739	11.70980	9.10062	6.80637	4.89951	3.39515	2.26526	1.45553	0.90091
14.49568	11.72764	9.13211	6.84511	4.93976	3.43259	2.29727	1.48104	0.92002
14.49356	11.74489	9.16296	6.88327	4.97958	3.46978	2.32918	1.50657	0.93921
14.49106	11.76157	9.19319	6.92087	5.01897	3.50670	2.36098	1.53209	0.95848
14.48818	11.77768	9.22279	6.95791	5.05793	3.54335	2.39266	1.55762	0.97782
14.48494	11.79324	9.25179	6.99440	5.09647	3.57974	2.42423	1.58314	0.99724
14.48134	11.80826	9.28020	7.03035	5.13459	3.61586	2.45567	1.60866	1.01672
14.47740	11.82276	9.30802	7.06576	5.17229	3.65172	2.48699	1.63417	1.03627
14.47312	11.83675	9.33527	7.10064	5.20958	3.68730	2.51818	1.65966	1.05587
14.46853	11.85024	9.36195	7.13499	5.24646	3.72262	2.54924	1.68513	1.07553
14.46362	11.86324	9.38809	7.16884	5.28293	3.75766	2.58017	1.71058	1.09525
14.45842	11.87576	9.41368	7.20217	5.31899	3.79244	2.61096	1.73601	1.11501
14.45291	11.88782	9.43874	7.23500	5.35466	3.82695	2.64161	1.76140	1.13482
14.44713	11.89942	9.46327	7.26734	5.38992	3.86118	2.67212	1.78677	1.15467
14.44107	11.91058	9.48729	7.29919	5.42479	3.89515	2.70249	1.81209	1.17456
14.43474	11.92130	9.51081	7.33056	5.45927	3.92885	2.73272	1.83738	1.19449
14.42815	11.93159	9.53384	7.36146	5.49335	3.96228	2.76280	1.86263	1.21445
14.42132	11.94147	9.55637	7.39188	5.52706	3.99544	2.79273	1.88783	1.23444
14.41424	11.95095	9.57843	7.42185	5.56038	4.02833	2.82251	1.91298	1.25445
14.40692	11.96003	9.60003	7.45136	5.59332	4.06095	2.85214	1.93808	1.27449
14.39938	11.96872	9.62116	7.48042	5.62589	4.09331	2.88161	1.96313	1.29455
14.39162	11.97703	9.64184	7.50904	5.65808	4.12540	2.91093	1.98812	1.31463
14.38364	11.98497	9.66208	7.53723	5.68991	4.15722	2.94010	2.01305	1.33472
14.37546	11.99255	9.68188	7.56498	5.72137	4.18878	2.96911	2.03792	1.35483
14.36707	11.99977	9.70126	7.59231	5.75247	4.22007	2.99795	2.06273	1.37494
14.35849	12.00665	9.72022	7.61922	5.78322	4.25110	3.02664	2.08747	1.39506
14.34972	12.01319	9.73876	7.64572	5.81361	4.28186	3.05517	2.11215	1.41519
14.34076	12.01940	9.75690	7.67181	5.84364	4.31237	3.08354	2.13676	1.43532
14.33163	12.02529	9.77464	7.69751	5.87333	4.34261	3.11174	2.16129	1.45544
14.32233	12.03086	9.79199	7.72280	5.90268	4.37260	3.13979	2.18575	1.47557
14.31286	12.03612	9.80896	7.74771	5.93168	4.40233	3.16766	2.21014	1.49569
14.30323	12.04108	9.82555	7.77223	5.96035	4.43179	3.19538	2.23444	1.51581
14.29344	12.04574	9.84177	7.79637	5.98868	4.46101	3.22293	2.25867	1.53591
14.28350	12.05011	9.85763	7.82014	6.01668	4.48997	3.25031	2.28282	1.55601
14.27342	12.05420	9.87313	7.84355	6.04436	4.51867	3.27753	2.30689	1.57609

14.26319	12.05802	9.88828	7.86659	6.07171	4.54713	3.30458	2.33087	1.59615
14.25283	12.06156	9.90308	7.88927	6.09874	4.57533	3.33146	2.35477	1.61620
14.24233	12.06484	9.91755	7.91160	6.12545	4.60328	3.35818	2.37858	1.63623
14.23170	12.06786	9.93168	7.93358	6.15185	4.63099	3.38473	2.40231	1.65624
14.22095	12.07063	9.94549	7.95521	6.17794	4.65845	3.41111	2.42594	1.67622
14.21008	12.07314	9.95898	7.97651	6.20371	4.68567	3.43733	2.44949	1.69618
14.19909	12.07542	9.97215	7.99748	6.22919	4.71264	3.46338	2.47294	1.71612
14.18798	12.07746	9.98501	8.01812	6.25436	4.73937	3.48926	2.49630	1.73603
14.17677	12.07927	9.99756	8.03843	6.27924	4.76586	3.51498	2.51957	1.75590
14.16545	12.08085	10.00982	8.05843	6.30382	4.79211	3.54052	2.54275	1.77575
14.15403	12.08220	10.02178	8.07810	6.32811	4.81812	3.56590	2.56582	1.79557
14.14250	12.08334	10.03346	8.09747	6.35211	4.84390	3.59112	2.58881	1.81535
14.13089	12.08427	10.04485	8.11653	6.37582	4.86944	3.61616	2.61169	1.83509
14.11917	12.08499	10.05596	8.13530	6.39926	4.89475	3.64104	2.63448	1.85480
14.10737	12.08551	10.06680	8.15376	6.42241	4.91983	3.66576	2.65717	1.87448
14.09548	12.08582	10.07736	8.17193	6.44529	4.94468	3.69031	2.67976	1.89411
14.08351	12.08594	10.08767	8.18981	6.46789	4.96930	3.71469	2.70225	1.91370
14.07146	12.08587	10.09771	8.20740	6.49022	4.99370	3.73891	2.72464	1.93325
14.05932	12.08561	10.10749	8.22471	6.51229	5.01787	3.76296	2.74693	1.95276
14.04711	12.08517	10.11703	8.24175	6.53409	5.04182	3.78685	2.76911	1.97223
14.03483	12.08455	10.12631	8.25851	6.55563	5.06555	3.81057	2.79120	1.99165
14.02248	12.08376	10.13536	8.27500	6.57691	5.08906	3.83413	2.81318	2.01102
14.01005	12.08279	10.14416	8.29123	6.59793	5.11235	3.85753	2.83506	2.03035
13.99756	12.08165	10.15273	8.30719	6.61871	5.13543	3.88077	2.85684	2.04963
13.98501	12.08035	10.16107	8.32290	6.63923	5.15829	3.90384	2.87851	2.06886
13.97240	12.07889	10.16918	8.33835	6.65950	5.18094	3.92675	2.90008	2.08804
13.95972	12.07727	10.17707	8.35355	6.67953	5.20338	3.94950	2.92154	2.10717
13.94699	12.07549	10.18474	8.36850	6.69932	5.22560	3.97209	2.94290	2.12625
13.93420	12.07357	10.19219	8.38320	6.71886	5.24762	3.99453	2.96415	2.14528
13.92136	12.07149	10.19943	8.39767	6.73817	5.26944	4.01680	2.98530	2.16425
13.90847	12.06927	10.20646	8.41189	6.75725	5.29105	4.03891	3.00635	2.18317
13.89552	12.06691	10.21328	8.42589	6.77609	5.31245	4.06087	3.02729	2.20204
13.88253	12.06441	10.21991	8.43965	6.79471	5.33366	4.08267	3.04812	2.22085
13.86949	12.06177	10.22633	8.45318	6.81310	5.35467	4.10431	3.06885	2.23961
13.85641	12.05900	10.23256	8.46649	6.83126	5.37547	4.12580	3.08947	2.25831
13.84329	12.05610	10.23860	8.47957	6.84921	5.39609	4.14714	3.10999	2.27695
13.83012	12.05307	10.24444	8.49244	6.86693	5.41650	4.16832	3.13040	2.29553
13.81692	12.04991	10.25010	8.50509	6.88444	5.43673	4.18934	3.15070	2.31406
13.80367	12.04663	10.25558	8.51752	6.90173	5.45676	4.21022	3.17090	2.33253
13.79039	12.04323	10.26088	8.52975	6.91881	5.47660	4.23094	3.19100	2.35094
13.77708	12.03971	10.26600	8.54177	6.93569	5.49626	4.25151	3.21099	2.36929
13.76373	12.03608	10.27095	8.55359	6.95235	5.51573	4.27193	3.23087	2.38758
13.75035	12.03233	10.27573	8.56520	6.96881	5.53501	4.29221	3.25065	2.40581
13.73693	12.02847	10.28033	8.57661	6.98507	5.55411	4.31233	3.27032	2.42398
13.72349	12.02450	10.28478	8.58783	7.00113	5.57303	4.33231	3.28989	2.44209
13.71002	12.02043	10.28905	8.59885	7.01699	5.59177	4.35214	3.30935	2.46014
13.69652	12.01625	10.29317	8.60969	7.03265	5.61033	4.37182	3.32871	2.47813
13.68300	12.01197	10.29713	8.62033	7.04812	5.62871	4.39136	3.34796	2.49605
13.66945	12.00759	10.30094	8.63079	7.06340	5.64691	4.41076	3.36711	2.51391
13.65588	12.00311	10.30459	8.64107	7.07849	5.66495	4.43001	3.38615	2.53171
13.64228	11.99853	10.30809	8.65116	7.09340	5.68281	4.44912	3.40510	2.54945
13.62866	11.99386	10.31144	8.66108	7.10811	5.70050	4.46808	3.42393	2.56712
13.61502	11.98910	10.31465	8.67082	7.12265	5.71802	4.48691	3.44267	2.58473
13.60136	11.98425	10.31771	8.68038	7.13700	5.73537	4.50560	3.46130	2.60227
13.58769	11.97931	10.32063	8.68978	7.15118	5.75256	4.52414	3.47982	2.61976
13.57399	11.97428	10.32341	8.69900	7.16518	5.76958	4.54255	3.49825	2.63717

13.56028	11.96916	10.32606	8.70806	7.17900	5.78643	4.56082	3.51657	2.65453
13.54655	11.96396	10.32857	8.71695	7.19265	5.80313	4.57896	3.53479	2.67182
13.53281	11.95868	10.33095	8.72569	7.20613	5.81966	4.59696	3.55291	2.68904
13.51905	11.95332	10.33319	8.73426	7.21944	5.83604	4.61483	3.57093	2.70620
13.50528	11.94788	10.33531	8.74267	7.23258	5.85226	4.63256	3.58885	2.72330
13.49150	11.94236	10.33731	8.75092	7.24556	5.86832	4.65016	3.60666	2.74033
13.47770	11.93677	10.33917	8.75902	7.25837	5.88423	4.66762	3.62438	2.75730
13.46390	11.93110	10.34092	8.76697	7.27102	5.89998	4.68496	3.64200	2.77420
13.45008	11.92537	10.34254	8.77477	7.28351	5.91558	4.70217	3.65951	2.79104
13.43625	11.91955	10.34405	8.78242	7.29585	5.93103	4.71924	3.67693	2.80781
13.42242	11.91367	10.34544	8.78993	7.30802	5.94634	4.73619	3.69425	2.82452
13.40857	11.90772	10.34671	8.79729	7.32004	5.96149	4.75301	3.71147	2.84116
13.39472	11.90171	10.34787	8.80451	7.33191	5.97650	4.76970	3.72859	2.85774
13.38086	11.89563	10.34892	8.81158	7.34363	5.99136	4.78627	3.74562	2.87426
13.36700	11.88948	10.34985	8.81852	7.35520	6.00608	4.80272	3.76255	2.89070
13.35313	11.88327	10.35068	8.82532	7.36662	6.02065	4.81904	3.77938	2.90709
13.33925	11.87700	10.35141	8.83199	7.37789	6.03509	4.83523	3.79612	2.92341
13.32538	11.87066	10.35202	8.83852	7.38902	6.04938	4.85131	3.81276	2.93966
13.31149	11.86427	10.35254	8.84492	7.40001	6.06354	4.86726	3.82930	2.95585
13.29760	11.85782	10.35295	8.85119	7.41085	6.07756	4.88309	3.84575	2.97198
13.28371	11.85131	10.35326	8.85733	7.42156	6.09144	4.89880	3.86211	2.98804
13.26982	11.84475	10.35347	8.86335	7.43212	6.10519	4.91440	3.87837	3.00403
13.25593	11.83813	10.35359	8.86924	7.44255	6.11880	4.92988	3.89454	3.01996
13.24203	11.83145	10.35361	8.87500	7.45285	6.13229	4.94523	3.91062	3.03583
13.22813	11.82472	10.35353	8.88065	7.46301	6.14564	4.96048	3.92660	3.05163
13.21423	11.81795	10.35336	8.88617	7.47303	6.15886	4.97561	3.94249	3.06737
13.20034	11.81112	10.35310	8.89158	7.48293	6.17195	4.99062	3.95829	3.08305
13.18644	11.80424	10.35275	8.89686	7.49270	6.18491	5.00552	3.97400	3.09866
13.17254	11.79731	10.35231	8.90204	7.50233	6.19775	5.02031	3.98962	3.11421
13.15865	11.79033	10.35178	8.90709	7.51185	6.21047	5.03498	4.00515	3.12969
13.14475	11.78331	10.35117	8.91204	7.52123	6.22306	5.04955	4.02058	3.14512
13.13086	11.77624	10.35047	8.91687	7.53050	6.23552	5.06400	4.03593	3.16047
13.11697	11.76912	10.34969	8.92159	7.53964	6.24787	5.07835	4.05119	3.17577
13.10309	11.76197	10.34882	8.92621	7.54866	6.26009	5.09258	4.06637	3.19100
13.08920	11.75476	10.34787	8.93071	7.55755	6.27220	5.10671	4.08145	3.20617
13.07532	11.74752	10.34685	8.93511	7.56633	6.28419	5.12074	4.09645	3.22128
13.06145	11.74023	10.34574	8.93941	7.57500	6.29606	5.13465	4.11136	3.23632
13.04757	11.73290	10.34456	8.94360	7.58354	6.30781	5.14846	4.12619	3.25131
13.03371	11.72554	10.34330	8.94769	7.59198	6.31945	5.16217	4.14093	3.26623
13.01984	11.71813	10.34196	8.95168	7.60030	6.33097	5.17577	4.15558	3.28109
13.00599	11.71068	10.34055	8.95557	7.60850	6.34239	5.18927	4.17015	3.29588
12.99213	11.70320	10.33906	8.95936	7.61660	6.35369	5.20267	4.18464	3.31062
12.97829	11.69568	10.33751	8.96305	7.62458	6.36488	5.21597	4.19904	3.32530
12.96445	11.68812	10.33588	8.96665	7.63246	6.37596	5.22917	4.21336	3.33991
12.95061	11.68053	10.33418	8.97016	7.64023	6.38693	5.24227	4.22759	3.35446
12.93678	11.67290	10.33241	8.97357	7.64789	6.39779	5.25526	4.24175	3.36896
12.92296	11.66524	10.33058	8.97688	7.65545	6.40855	5.26817	4.25582	3.38339
12.90915	11.65755	10.32867	8.98011	7.66290	6.41920	5.28097	4.26981	3.39776
12.89534	11.64982	10.32671	8.98324	7.67025	6.42975	5.29368	4.28372	3.41208
12.88154	11.64206	10.32467	8.98629	7.67750	6.44019	5.30629	4.29755	3.42633
12.86775	11.63427	10.32257	8.98925	7.68465	6.45053	5.31881	4.31130	3.44052
12.85396	11.62645	10.32041	8.99212	7.69170	6.46077	5.33123	4.32498	3.45466
12.84019	11.61860	10.31818	8.99491	7.69865	6.47091	5.34356	4.33857	3.46874
12.82642	11.61071	10.31590	8.99761	7.70550	6.48095	5.35579	4.35209	3.48275
12.81266	11.60280	10.31355	9.00023	7.71226	6.49089	5.36794	4.36552	3.49671
12.79891	11.59486	10.31114	9.00276	7.71892	6.50073	5.37999	4.37888	3.51061

12.78517	11.58690	10.30868	9.00522	7.72548	6.51047	5.39195	4.39217	3.52446
12.77144	11.57890	10.30615	9.00759	7.73195	6.52012	5.40383	4.40538	3.53824
12.75772	11.57088	10.30357	9.00988	7.73833	6.52968	5.41561	4.41851	3.55197
12.74400	11.56283	10.30093	9.01210	7.74462	6.53914	5.42731	4.43156	3.56564
12.73030	11.55476	10.29824	9.01423	7.75082	6.54850	5.43892	4.44455	3.57926
12.71661	11.54666	10.29549	9.01629	7.75693	6.55778	5.45044	4.45745	3.59281
12.70293	11.53854	10.29269	9.01828	7.76295	6.56696	5.46187	4.47029	3.60632
12.68925	11.53039	10.28983	9.02018	7.76888	6.57605	5.47322	4.48305	3.61976
12.67559	11.52222	10.28692	9.02202	7.77473	6.58505	5.48449	4.49574	3.63315
12.66194	11.51403	10.28396	9.02378	7.78049	6.59396	5.49567	4.50835	3.64648
12.64830	11.50581	10.28095	9.02547	7.78617	6.60279	5.50677	4.52090	3.65976
12.63467	11.49758	10.27789	9.02709	7.79176	6.61152	5.51778	4.53337	3.67299
12.62105	11.48932	10.27478	9.02864	7.79727	6.62017	5.52872	4.54577	3.68615
12.60744	11.48104	10.27162	9.03011	7.80270	6.62874	5.53957	4.55811	3.69927
12.59385	11.47274	10.26841	9.03152	7.80804	6.63721	5.55034	4.57037	3.71233
12.58026	11.46441	10.26515	9.03286	7.81331	6.64561	5.56103	4.58256	3.72533
12.56669	11.45607	10.26185	9.03414	7.81849	6.65392	5.57164	4.59469	3.73828
12.55313	11.44771	10.25850	9.03534	7.82360	6.66215	5.58217	4.60674	3.75118
12.53958	11.43933	10.25511	9.03648	7.82863	6.67030	5.59263	4.61873	3.76403
12.52604	11.43093	10.25167	9.03756	7.83358	6.67836	5.60300	4.63065	3.77682
12.51251	11.42252	10.24818	9.03857	7.83846	6.68635	5.61330	4.64250	3.78956
12.49900	11.41408	10.24466	9.03952	7.84326	6.69426	5.62353	4.65429	3.80225
12.48550	11.40563	10.24108	9.04041	7.84798	6.70208	5.63368	4.66601	3.81488
12.47201	11.39716	10.23747	9.04123	7.85264	6.70983	5.64375	4.67766	3.82746
12.45853	11.38868	10.23382	9.04200	7.85722	6.71751	5.65375	4.68925	3.83999
12.44507	11.38018	10.23012	9.04270	7.86172	6.72510	5.66368	4.70077	3.85247
12.43162	11.37166	10.22639	9.04335	7.86616	6.73262	5.67353	4.71223	3.86490
12.41818	11.36313	10.22261	9.04393	7.87052	6.74007	5.68331	4.72363	3.87728
12.40476	11.35458	10.21879	9.04446	7.87482	6.74744	5.69302	4.73496	3.88960
12.39135	11.34602	10.21494	9.04493	7.87904	6.75473	5.70265	4.74623	3.90188
12.37795	11.33745	10.21105	9.04534	7.88320	6.76196	5.71222	4.75744	3.91411
12.36456	11.32886	10.20712	9.04570	7.88729	6.76911	5.72171	4.76858	3.92628
12.35119	11.32025	10.20315	9.04600	7.89131	6.77619	5.73114	4.77967	3.93841
12.33783	11.31164	10.19914	9.04625	7.89527	6.78319	5.74050	4.79069	3.95049
12.32449	11.30301	10.19510	9.04644	7.89916	6.79013	5.74979	4.80165	3.96252
12.31116	11.29436	10.19103	9.04658	7.90298	6.79700	5.75901	4.81255	3.97450
12.29784	11.28571	10.18692	9.04666	7.90674	6.80380	5.76816	4.82339	3.98643
12.28453	11.27704	10.18277	9.04670	7.91044	6.81053	5.77725	4.83417	3.99831
12.27124	11.26836	10.17859	9.04668	7.91408	6.81719	5.78627	4.84489	4.01015
12.25797	11.25968	10.17438	9.04661	7.91765	6.82379	5.79522	4.85556	4.02193
12.24471	11.25097	10.17013	9.04649	7.92116	6.83032	5.80411	4.86616	4.03367
12.23146	11.24226	10.16585	9.04632	7.92461	6.83678	5.81294	4.87671	4.04537
12.21822	11.23354	10.16154	9.04610	7.92800	6.84318	5.82170	4.88720	4.05701
12.20500	11.22481	10.15719	9.04583	7.93132	6.84951	5.83040	4.89763	4.06861
12.19180	11.21607	10.15282	9.04552	7.93459	6.85578	5.83903	4.90800	4.08016
12.17861	11.20732	10.14841	9.04516	7.93781	6.86199	5.84760	4.91832	4.09167
12.16543	11.19855	10.14398	9.04475	7.94096	6.86813	5.85611	4.92858	4.10313
12.15227	11.18978	10.13951	9.04429	7.94406	6.87421	5.86456	4.93879	4.11454
12.13912	11.18101	10.13502	9.04379	7.94710	6.88023	5.87295	4.94894	4.12591
12.12599	11.17222	10.13049	9.04324	7.95008	6.88619	5.88128	4.95904	4.13724
12.11287	11.16342	10.12594	9.04265	7.95301	6.89209	5.88955	4.96909	4.14852
12.09977	11.15462	10.12136	9.04202	7.95588	6.89793	5.89775	4.97907	4.15975
12.08668	11.14581	10.11675	9.04134	7.95870	6.90370	5.90590	4.98901	4.17094
12.07360	11.13699	10.11212	9.04061	7.96146	6.90942	5.91399	4.99889	4.18208
12.06054	11.12816	10.10745	9.03985	7.96417	6.91508	5.92203	5.00872	4.19319
12.04750	11.11933	10.10276	9.03904	7.96683	6.92069	5.93000	5.01850	4.20424

12.03447	11.11049	10.09805	9.03819	7.96944	6.92623	5.93792	5.02822	4.21526
12.02145	11.10164	10.09331	9.03730	7.97199	6.93172	5.94578	5.03790	4.22623
12.00846	11.09279	10.08854	9.03637	7.97450	6.93716	5.95359	5.04752	4.23716
11.99547	11.08393	10.08375	9.03540	7.97695	6.94253	5.96134	5.05709	4.24804
11.98250	11.07507	10.07893	9.03439	7.97935	6.94786	5.96903	5.06661	4.25888
11.96955	11.06620	10.07409	9.03334	7.98171	6.95312	5.97667	5.07608	4.26968
11.95661	11.05732	10.06923	9.03225	7.98401	6.95834	5.98426	5.08550	4.28044
11.94369	11.04844	10.06434	9.03113	7.98627	6.96350	5.99179	5.09487	4.29116
11.93078	11.03956	10.05943	9.02996	7.98848	6.96860	5.99927	5.10419	4.30183
11.91789	11.03067	10.05449	9.02876	7.99064	6.97366	6.00669	5.11346	4.31247
11.90501	11.02177	10.04954	9.02752	7.99275	6.97866	6.01407	5.12269	4.32306
11.89215	11.01287	10.04456	9.02625	7.99482	6.98361	6.02139	5.13186	4.33361
11.87930	11.00397	10.03956	9.02494	7.99684	6.98851	6.02866	5.14099	4.34412
11.86647	10.99506	10.03454	9.02359	7.99882	6.99336	6.03588	5.15007	4.35459
11.85366	10.98615	10.02950	9.02221	8.00075	6.99815	6.04304	5.15910	4.36502
11.84086	10.97724	10.02443	9.02079	8.00264	7.00290	6.05016	5.16809	4.37541
11.82808	10.96832	10.01935	9.01934	8.00448	7.00760	6.05723	5.17703	4.38576
11.81531	10.95940	10.01424	9.01785	8.00628	7.01225	6.06424	5.18592	4.39607
11.80256	10.95047	10.00912	9.01633	8.00803	7.01685	6.07121	5.19477	4.40634
11.78982	10.94155	10.00398	9.01478	8.00974	7.02141	6.07813	5.20357	4.41658
11.77710	10.93262	9.99881	9.01320	8.01141	7.02591	6.08500	5.21233	4.42677
11.76440	10.92368	9.99363	9.01158	8.01304	7.03037	6.09183	5.22104	4.43692
11.75171	10.91475	9.98843	9.00993	8.01463	7.03478	6.09860	5.22971	4.44704
11.73904	10.90581	9.98321	9.00825	8.01618	7.03915	6.10533	5.23833	4.45712
11.72638	10.89688	9.97798	9.00654	8.01768	7.04347	6.11201	5.24691	4.46716
11.71374	10.88794	9.97272	9.00480	8.01915	7.04775	6.11865	5.25544	4.47716
11.70111	10.87900	9.96745	9.00303	8.02057	7.05198	6.12524	5.26394	4.48713
11.68851	10.87005	9.96216	9.00122	8.02196	7.05616	6.13178	5.27239	4.49705
11.67591	10.86111	9.95686	8.99939	8.02330	7.06030	6.13828	5.28079	4.50694
11.66334	10.85216	9.95154	8.99753	8.02461	7.06440	6.14473	5.28916	4.51680
11.65078	10.84322	9.94620	8.99564	8.02588	7.06846	6.15114	5.29748	4.52661
11.63823	10.83427	9.94085	8.99372	8.02712	7.07247	6.15751	5.30576	4.53639
11.62571	10.82533	9.93548	8.99177	8.02831	7.07644	6.16383	5.31400	4.54613
11.61319	10.81638	9.93009	8.98980	8.02947	7.08036	6.17011	5.32219	4.55584
11.60070	10.80743	9.92469	8.98779	8.03059	7.08425	6.17634	5.33035	4.56551
11.58822	10.79848	9.91927	8.98576	8.03168	7.08809	6.18253	5.33846	4.57515
11.57576	10.78954	9.91384	8.98370	8.03273	7.09189	6.18868	5.34654	4.58475
11.56331	10.78059	9.90840	8.98162	8.03374	7.09566	6.19479	5.35457	4.59431
11.55088	10.77164	9.90294	8.97951	8.03472	7.09938	6.20085	5.36257	4.60384
11.53847	10.76270	9.89747	8.97737	8.03567	7.10306	6.20688	5.37053	4.61334
11.52607	10.75375	9.89198	8.97521	8.03658	7.10670	6.21286	5.37844	4.62280
11.51369	10.74481	9.88648	8.97303	8.03745	7.11031	6.21880	5.38632	4.63222
11.50133	10.73586	9.88097	8.97081	8.03830	7.11387	6.22470	5.39416	4.64161
11.48898	10.72692	9.87544	8.96858	8.03910	7.11740	6.23057	5.40196	4.65097
11.47665	10.71798	9.86990	8.96632	8.03988	7.12088	6.23639	5.40972	4.66029
11.46434	10.70904	9.86435	8.96403	8.04062	7.12433	6.24217	5.41744	4.66958
11.45204	10.70010	9.85879	8.96172	8.04134	7.12775	6.24791	5.42513	4.67883
11.43976	10.69116	9.85321	8.95939	8.04202	7.13112	6.25362	5.43278	4.68805
11.42749	10.68223	9.84763	8.95704	8.04266	7.13446	6.25929	5.44039	4.69724
11.41524	10.67329	9.84203	8.95466	8.04328	7.13776	6.26491	5.44796	4.70640
11.40301	10.66436	9.83642	8.95226	8.04387	7.14103	6.27050	5.45550	4.71552
11.39080	10.65543	9.83080	8.94983	8.04442	7.14426	6.27606	5.46300	4.72461
11.37860	10.64651	9.82516	8.94739	8.04495	7.14746	6.28157	5.47047	4.73366
11.36642	10.63758	9.81952	8.94492	8.04544	7.15062	6.28705	5.47790	4.74269
11.35425	10.62866	9.81387	8.94243	8.04591	7.15374	6.29249	5.48529	4.75168
11.34211	10.61974	9.80820	8.93992	8.04634	7.15683	6.29790	5.49265	4.76064

11.32998	10.61082	9.80253	8.93739	8.04675	7.15989	6.30327	5.49998	4.76957
11.31786	10.60191	9.79684	8.93484	8.04713	7.16292	6.30860	5.50726	4.77847
11.30576	10.59300	9.79115	8.93227	8.04748	7.16591	6.31390	5.51452	4.78733
11.29368	10.58409	9.78545	8.92968	8.04780	7.16886	6.31916	5.52174	4.79616
11.28162	10.57518	9.77973	8.92707	8.04810	7.17179	6.32439	5.52892	4.80497
11.26957	10.56628	9.77401	8.92444	8.04836	7.17468	6.32958	5.53607	4.81374
11.25754	10.55738	9.76828	8.92179	8.04860	7.17754	6.33474	5.54319	4.82248
11.24553	10.54849	9.76254	8.91912	8.04881	7.18036	6.33986	5.55027	4.83119
11.23353	10.53960	9.75680	8.91643	8.04900	7.18316	6.34496	5.55732	4.83987
11.22155	10.53071	9.75104	8.91372	8.04916	7.18592	6.35001	5.56434	4.84852
11.20959	10.52183	9.74528	8.91100	8.04929	7.18865	6.35504	5.57133	4.85714
11.19765	10.51295	9.73950	8.90826	8.04940	7.19136	6.36003	5.57828	4.86572
11.18572	10.50408	9.73372	8.90549	8.04948	7.19403	6.36499	5.58520	4.87428
11.17381	10.49520	9.72794	8.90272	8.04954	7.19667	6.36991	5.59209	4.88281
11.16191	10.48634	9.72214	8.89992	8.04957	7.19928	6.37480	5.59894	4.89131
11.15003	10.47748	9.71634	8.89711	8.04957	7.20186	6.37967	5.60576	4.89978
11.13817	10.46862	9.71053	8.89428	8.04956	7.20441	6.38449	5.61256	4.90822
11.12633	10.45976	9.70471	8.89143	8.04951	7.20694	6.38929	5.61932	4.91664
11.11450	10.45092	9.69889	8.88857	8.04945	7.20943	6.39406	5.62605	4.92502
11.10269	10.44207	9.69306	8.88569	8.04936	7.21189	6.39879	5.63274	4.93337
11.09090	10.43323	9.68722	8.88279	8.04924	7.21433	6.40350	5.63941	4.94170
11.07913	10.42440	9.68138	8.87988	8.04911	7.21674	6.40817	5.64605	4.95000
11.06737	10.41557	9.67553	8.87695	8.04895	7.21912	6.41282	5.65266	4.95826
11.05563	10.40675	9.66968	8.87401	8.04877	7.22147	6.41743	5.65923	4.96650
11.04390	10.39793	9.66382	8.87105	8.04856	7.22380	6.42202	5.66578	4.97472
11.03220	10.38911	9.65795	8.86808	8.04833	7.22610	6.42657	5.67230	4.98290
11.02051	10.38031	9.65208	8.86509	8.04808	7.22837	6.43110	5.67879	4.99106
11.00884	10.37150	9.64621	8.86209	8.04781	7.23061	6.43559	5.68524	4.99919
10.99718	10.36271	9.64032	8.85907	8.04752	7.23283	6.44006	5.69167	5.00729
10.98554	10.35392	9.63444	8.85604	8.04721	7.23502	6.44450	5.69807	5.01536
10.97392	10.34513	9.62855	8.85300	8.04687	7.23719	6.44891	5.70444	5.02341
10.96232	10.33635	9.62265	8.84994	8.04652	7.23933	6.45329	5.71079	5.03143
10.95073	10.32758	9.61675	8.84687	8.04614	7.24144	6.45764	5.71710	5.03943
10.93916	10.31881	9.61084	8.84378	8.04574	7.24353	6.46197	5.72339	5.04739
10.92761	10.31005	9.60493	8.84069	8.04533	7.24560	6.46627	5.72965	5.05533
10.91608	10.30129	9.59902	8.83758	8.04489	7.24764	6.47054	5.73588	5.06325
10.90456	10.29254	9.59310	8.83445	8.04443	7.24965	6.47478	5.74208	5.07113
10.89306	10.28380	9.58718	8.83131	8.04396	7.25164	6.47900	5.74826	5.07899
10.88157	10.27507	9.58126	8.82817	8.04346	7.25361	6.48319	5.75440	5.08683
10.87011	10.26634	9.57533	8.82500	8.04295	7.25555	6.48735	5.76052	5.09464
10.85866	10.25761	9.56940	8.82183	8.04241	7.25747	6.49149	5.76662	5.10242
10.84723	10.24890	9.56346	8.81865	8.04186	7.25937	6.49560	5.77269	5.11018
10.83582	10.24019	9.55752	8.81545	8.04129	7.26124	6.49969	5.77873	5.11791
10.82442	10.23148	9.55158	8.81224	8.04070	7.26309	6.50375	5.78474	5.12562
10.81304	10.22279	9.54564	8.80902	8.04009	7.26492	6.50778	5.79073	5.13330
10.80168	10.21410	9.53969	8.80579	8.03947	7.26672	6.51179	5.79669	5.14095
10.79033	10.20541	9.53374	8.80255	8.03883	7.26850	6.51577	5.80263	5.14858
10.77901	10.19674	9.52779	8.79930	8.03817	7.27026	6.51973	5.80854	5.15619
10.76770	10.18807	9.52184	8.79603	8.03749	7.27200	6.52366	5.81442	5.16377
10.75640	10.17941	9.51588	8.79276	8.03679	7.27371	6.52757	5.82028	5.17133
10.74513	10.17076	9.50992	8.78947	8.03608	7.27541	6.53146	5.82611	5.17886
10.73387	10.16211	9.50396	8.78618	8.03535	7.27708	6.53532	5.83192	5.18636
10.72263	10.15347	9.49800	8.78287	8.03461	7.27873	6.53916	5.83771	5.19385
10.71141	10.14484	9.49203	8.77956	8.03385	7.28036	6.54297	5.84347	5.20131
10.70020	10.13621	9.48606	8.77624	8.03307	7.28197	6.54676	5.84920	5.20874
10.68901	10.12760	9.48010	8.77290	8.03228	7.28356	6.55052	5.85491	5.21615

10.67784	10.11899	9.47413	8.76956	8.03147	7.28513	6.55427	5.86060	5.22354
10.66669	10.11039	9.46816	8.76621	8.03064	7.28668	6.55798	5.86626	5.23090
10.65555	10.10180	9.46219	8.76285	8.02980	7.28820	6.56168	5.87189	5.23824
10.64443	10.09321	9.45621	8.75948	8.02895	7.28971	6.56535	5.87751	5.24556
10.63333	10.08463	9.45024	8.75610	8.02808	7.29120	6.56901	5.88310	5.25285
10.62225	10.07606	9.44426	8.75271	8.02719	7.29267	6.57263	5.88866	5.26012
10.61118	10.06750	9.43829	8.74931	8.02629	7.29412	6.57624	5.89421	5.26736
10.60013	10.05895	9.43231	8.74591	8.02537	7.29555	6.57982	5.89972	5.27459
10.58910	10.05040	9.42634	8.74249	8.02445	7.29696	6.58339	5.90522	5.28179
10.57809	10.04187	9.42036	8.73907	8.02350	7.29835	6.58693	5.91069	5.28896
10.56709	10.03334	9.41438	8.73564	8.02254	7.29972	6.59045	5.91614	5.29612
10.55611	10.02482	9.40840	8.73221	8.02157	7.30108	6.59394	5.92157	5.30325
10.54515	10.01630	9.40242	8.72876	8.02059	7.30241	6.59742	5.92698	5.31036
10.53420	10.00780	9.39645	8.72531	8.01959	7.30373	6.60087	5.93236	5.31745
10.52328	9.99931	9.39047	8.72185	8.01857	7.30503	6.60431	5.93772	5.32451
10.51237	9.99082	9.38449	8.71839	8.01755	7.30631	6.60772	5.94306	5.33155
10.50148	9.98234	9.37851	8.71491	8.01651	7.30758	6.61111	5.94837	5.33857
10.49060	9.97387	9.37254	8.71143	8.01545	7.30882	6.61449	5.95367	5.34557
10.47974	9.96541	9.36656	8.70795	8.01439	7.31005	6.61784	5.95894	5.35255
10.46890	9.95696	9.36058	8.70445	8.01331	7.31127	6.62117	5.96419	5.35950
10.45808	9.94852	9.35461	8.70095	8.01222	7.31246	6.62448	5.96942	5.36643
10.44728	9.94008	9.34863	8.69744	8.01112	7.31364	6.62777	5.97463	5.37335
10.43649	9.93166	9.34266	8.69393	8.01000	7.31480	6.63105	5.97981	5.38024
10.42572	9.92324	9.33669	8.69041	8.00887	7.31594	6.63430	5.98498	5.38710
10.41497	9.91483	9.33071	8.68688	8.00774	7.31707	6.63753	5.99012	5.39395
10.40423	9.90643	9.32474	8.68335	8.00658	7.31818	6.64074	5.99525	5.40078
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10.38281	9.88966	9.31280	8.67627	8.00425	7.32036	6.64711	6.00543	5.41436
10.37213	9.88129	9.30684	8.67272	8.00306	7.32142	6.65027	6.01049	5.42113
10.36147	9.87293	9.30087	8.66917	8.00186	7.32247	6.65341	6.01553	5.42787
10.35082	9.86458	9.29491	8.66561	8.00065	7.32351	6.65653	6.02055	5.43459
10.34019	9.85624	9.28894	8.66204	7.99943	7.32452	6.65963	6.02556	5.44129
10.32958	9.84790	9.28298	8.65847	7.99820	7.32552	6.66271	6.03054	5.44797
10.31898	9.83958	9.27702	8.65490	7.99696	7.32651	6.66577	6.03550	5.45463
10.30840	9.83126	9.27107	8.65131	7.99571	7.32748	6.66882	6.04044	5.46127
10.29784	9.82296	9.26511	8.64773	7.99445	7.32844	6.67185	6.04536	5.46789
10.28730	9.81466	9.25916	8.64414	7.99318	7.32938	6.67486	6.05026	5.47449
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10.26626	9.79810	9.24726	8.63695	7.99060	7.33122	6.68083	6.06001	5.48762
10.25577	9.78983	9.24131	8.63334	7.98930	7.33212	6.68378	6.06485	5.49416
10.24530	9.78157	9.23536	8.62973	7.98798	7.33300	6.68672	6.06967	5.50068
10.23485	9.77332	9.22942	8.62612	7.98666	7.33387	6.68965	6.07448	5.50718
10.22441	9.76509	9.22348	8.62251	7.98533	7.33473	6.69255	6.07927	5.51366
10.21399	9.75686	9.21755	8.61889	7.98399	7.33557	6.69544	6.08404	5.52012
10.20358	9.74864	9.21161	8.61526	7.98263	7.33640	6.69831	6.08878	5.52656
10.19320	9.74043	9.20568	8.61163	7.98127	7.33721	6.70117	6.09352	5.53298
10.18283	9.73223	9.19975	8.60800	7.97990	7.33802	6.70401	6.09823	5.53939
10.17248	9.72404	9.19382	8.60437	7.97852	7.33880	6.70683	6.10292	5.54577
10.16214	9.71586	9.18790	8.60073	7.97714	7.33958	6.70964	6.10760	5.55213
10.15183	9.70770	9.18198	8.59709	7.97574	7.34034	6.71243	6.11225	5.55848
10.14153	9.69954	9.17606	8.59344	7.97433	7.34109	6.71520	6.11689	5.56480
10.13125	9.69139	9.17015	8.58979	7.97292	7.34183	6.71796	6.12152	5.57111
10.12098	9.68325	9.16424	8.58614	7.97150	7.34255	6.72070	6.12612	5.57740
10.11074	9.67512	9.15833	8.58249	7.97007	7.34326	6.72343	6.13071	5.58367
10.10051	9.66700	9.15242	8.57883	7.96863	7.34396	6.72614	6.13527	5.58992
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10.08010	9.65080	9.14062	8.57150	7.96573	7.34532	6.73151	6.14436	5.60236
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0.00553	0.00158	0.00042	0.00010	0.00002	0.00001
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0.00731	0.00217	0.00060	0.00015	0.00004	0.00001
0.00835	0.00253	0.00071	0.00019	0.00005	0.00001
0.00949	0.00293	0.00084	0.00023	0.00006	0.00002
0.01074	0.00338	0.00099	0.00027	0.00007	0.00002
0.01211	0.00387	0.00116	0.00032	0.00008	0.00003
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0.01521	0.00503	0.00156	0.00045	0.00012	0.00004
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0.01885	0.00644	0.00206	0.00062	0.00018	0.00006
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0.02306	0.00812	0.00268	0.00083	0.00024	0.00008
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0.03636	0.01370	0.00485	0.00162	0.00052	0.00020
0.03953	0.01508	0.00542	0.00184	0.00060	0.00023
0.04288	0.01656	0.00602	0.00207	0.00068	0.00027
0.04641	0.01814	0.00668	0.00233	0.00078	0.00031
0.05012	0.01982	0.00739	0.00261	0.00089	0.00036
0.05403	0.02161	0.00816	0.00291	0.00101	0.00041
0.05812	0.02350	0.00898	0.00325	0.00114	0.00047
0.06241	0.02551	0.00986	0.00361	0.00128	0.00054
0.06690	0.02764	0.01080	0.00400	0.00144	0.00062
0.07158	0.02988	0.01180	0.00443	0.00162	0.00070
0.07646	0.03224	0.01287	0.00488	0.00180	0.00080
0.08155	0.03473	0.01401	0.00537	0.00201	0.00090
0.08684	0.03734	0.01522	0.00590	0.00224	0.00101
0.09233	0.04008	0.01650	0.00647	0.00248	0.00114
0.09802	0.04294	0.01785	0.00707	0.00275	0.00128
0.10393	0.04594	0.01928	0.00772	0.00303	0.00143
0.11003	0.04907	0.02079	0.00840	0.00334	0.00159
0.11635	0.05234	0.02238	0.00914	0.00367	0.00177
0.12287	0.05575	0.02405	0.00991	0.00403	0.00197
0.12960	0.05929	0.02581	0.01074	0.00441	0.00218
0.13653	0.06297	0.02765	0.01161	0.00482	0.00241
0.14368	0.06680	0.02958	0.01254	0.00526	0.00266
0.15102	0.07076	0.03160	0.01351	0.00573	0.00293
0.15857	0.07487	0.03371	0.01454	0.00623	0.00322
0.16633	0.07913	0.03591	0.01563	0.00676	0.00353
0.17428	0.08352	0.03820	0.01677	0.00732	0.00387
0.18244	0.08807	0.04059	0.01797	0.00792	0.00423
0.19080	0.09276	0.04307	0.01922	0.00856	0.00461
0.19936	0.09759	0.04566	0.02054	0.00923	0.00502
0.20811	0.10258	0.04834	0.02192	0.00994	0.00546
0.21706	0.10771	0.05112	0.02337	0.01069	0.00593
0.22620	0.11298	0.05400	0.02487	0.01148	0.00642
0.23554	0.11841	0.05699	0.02645	0.01231	0.00695
0.24506	0.12398	0.06008	0.02809	0.01319	0.00751
0.25477	0.12970	0.06327	0.02980	0.01411	0.00810
0.26467	0.13556	0.06656	0.03158	0.01508	0.00873
0.27475	0.14157	0.06997	0.03343	0.01610	0.00940

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0.30605	0.16048	0.08081	0.03941	0.01944	0.01162
0.31684	0.16707	0.08463	0.04155	0.02065	0.01244
0.32780	0.17380	0.08857	0.04377	0.02192	0.01331
0.33892	0.18068	0.09261	0.04606	0.02324	0.01421
0.35021	0.18769	0.09676	0.04844	0.02462	0.01517
0.36166	0.19485	0.10102	0.05089	0.02606	0.01616
0.37327	0.20215	0.10539	0.05342	0.02755	0.01721
0.38503	0.20959	0.10987	0.05603	0.02910	0.01830
0.39695	0.21716	0.11446	0.05872	0.03072	0.01945
0.40902	0.22487	0.11915	0.06149	0.03239	0.02064
0.42124	0.23271	0.12396	0.06435	0.03413	0.02189
0.43360	0.24069	0.12887	0.06729	0.03592	0.02319
0.44610	0.24880	0.13390	0.07031	0.03779	0.02454
0.45875	0.25704	0.13903	0.07342	0.03971	0.02595
0.47153	0.26541	0.14427	0.07661	0.04171	0.02741
0.48444	0.27391	0.14962	0.07988	0.04377	0.02894
0.49748	0.28253	0.15507	0.08325	0.04590	0.03052
0.51065	0.29128	0.16064	0.08669	0.04809	0.03216
0.52395	0.30015	0.16631	0.09023	0.05036	0.03387
0.53736	0.30915	0.17208	0.09385	0.05270	0.03563
0.55090	0.31826	0.17797	0.09756	0.05511	0.03746
0.56455	0.32750	0.18395	0.10135	0.05759	0.03936
0.57831	0.33685	0.19005	0.10524	0.06014	0.04132
0.59218	0.34631	0.19625	0.10921	0.06277	0.04334
0.60616	0.35589	0.20255	0.11327	0.06547	0.04543
0.62024	0.36559	0.20896	0.11742	0.06825	0.04759
0.63442	0.37539	0.21547	0.12165	0.07110	0.04982
0.64870	0.38530	0.22208	0.12598	0.07403	0.05212
0.66308	0.39532	0.22879	0.13039	0.07703	0.05449
0.67755	0.40544	0.23560	0.13490	0.08011	0.05693
0.69211	0.41567	0.24252	0.13949	0.08327	0.05945
0.70675	0.42600	0.24953	0.14417	0.08651	0.06204
0.72149	0.43643	0.25664	0.14894	0.08983	0.06470
0.73630	0.44695	0.26385	0.15380	0.09323	0.06743
0.75119	0.45758	0.27115	0.15875	0.09671	0.07025
0.76616	0.46830	0.27856	0.16378	0.10026	0.07313
0.78120	0.47911	0.28605	0.16891	0.10390	0.07610
0.79632	0.49001	0.29364	0.17412	0.10762	0.07914
0.81150	0.50101	0.30133	0.17942	0.11142	0.08226
0.82675	0.51209	0.30911	0.18481	0.11531	0.08546
0.84206	0.52325	0.31697	0.19029	0.11927	0.08874
0.85744	0.53451	0.32493	0.19586	0.12332	0.09210
0.87287	0.54584	0.33298	0.20151	0.12745	0.09554
0.88837	0.55726	0.34112	0.20725	0.13167	0.09906
0.90391	0.56876	0.34935	0.21308	0.13597	0.10266
0.91951	0.58033	0.35766	0.21900	0.14035	0.10635
0.93516	0.59198	0.36606	0.22500	0.14481	0.11012
0.95086	0.60371	0.37455	0.23109	0.14936	0.11396
0.96660	0.61551	0.38312	0.23726	0.15400	0.11790
0.98239	0.62738	0.39177	0.24352	0.15871	0.12191
0.99822	0.63932	0.40051	0.24986	0.16351	0.12601
1.01409	0.65133	0.40932	0.25629	0.16840	0.13020
1.02999	0.66340	0.41822	0.26281	0.17337	0.13447
1.04594	0.67554	0.42720	0.26940	0.17842	0.13882

1.06191	0.68775	0.43625	0.27609	0.18356	0.14326
1.07792	0.70002	0.44539	0.28285	0.18878	0.14778
1.09396	0.71234	0.45460	0.28970	0.19409	0.15239
1.11002	0.72473	0.46388	0.29663	0.19948	0.15709
1.12612	0.73717	0.47324	0.30364	0.20496	0.16187
1.14223	0.74968	0.48267	0.31073	0.21052	0.16674
1.15837	0.76223	0.49218	0.31790	0.21616	0.17169
1.17453	0.77484	0.50176	0.32516	0.22189	0.17673
1.19071	0.78750	0.51140	0.33249	0.22770	0.18185
1.20691	0.80021	0.52112	0.33990	0.23359	0.18706
1.22312	0.81297	0.53091	0.34739	0.23957	0.19236
1.23935	0.82578	0.54076	0.35496	0.24563	0.19775
1.25560	0.83864	0.55069	0.36261	0.25178	0.20322
1.27185	0.85154	0.56067	0.37033	0.25800	0.20877
1.28811	0.86448	0.57073	0.37813	0.26431	0.21442
1.30439	0.87747	0.58084	0.38601	0.27071	0.22015
1.32067	0.89050	0.59102	0.39396	0.27718	0.22596
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1.35325	0.91668	0.61157	0.41009	0.29037	0.23785
1.36954	0.92982	0.62193	0.41827	0.29709	0.24392
1.38584	0.94301	0.63235	0.42652	0.30389	0.25008
1.40214	0.95622	0.64284	0.43484	0.31078	0.25632
1.41843	0.96948	0.65337	0.44323	0.31774	0.26265
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1.45102	0.99608	0.67462	0.46023	0.33190	0.27557
1.46731	1.00943	0.68533	0.46884	0.33910	0.28215
1.48360	1.02281	0.69609	0.47751	0.34638	0.28882
1.49987	1.03621	0.70690	0.48626	0.35374	0.29557
1.51615	1.04965	0.71777	0.49507	0.36117	0.30241
1.53241	1.06311	0.72869	0.50395	0.36868	0.30932
1.54866	1.07660	0.73966	0.51290	0.37627	0.31633
1.56491	1.09011	0.75067	0.52191	0.38394	0.32341
1.58114	1.10365	0.76174	0.53099	0.39169	0.33058
1.59736	1.11721	0.77286	0.54013	0.39951	0.33783
1.61357	1.13079	0.78402	0.54934	0.40740	0.34516
1.62977	1.14439	0.79523	0.55862	0.41537	0.35258
1.64595	1.15801	0.80648	0.56795	0.42342	0.36007
1.66211	1.17165	0.81778	0.57735	0.43154	0.36765
1.67826	1.18531	0.82913	0.58681	0.43973	0.37531
1.69439	1.19899	0.84051	0.59634	0.44800	0.38304
1.71051	1.21268	0.85194	0.60592	0.45633	0.39086
1.72660	1.22639	0.86342	0.61556	0.46475	0.39875
1.74268	1.24011	0.87493	0.62527	0.47323	0.40673
1.75874	1.25385	0.88648	0.63503	0.48178	0.41478
1.77477	1.26760	0.89807	0.64485	0.49041	0.42291
1.79079	1.28137	0.90970	0.65473	0.49910	0.43112
1.80678	1.29514	0.92137	0.66466	0.50787	0.43940
1.82275	1.30893	0.93308	0.67465	0.51670	0.44776
1.83870	1.32273	0.94482	0.68470	0.52560	0.45620
1.85462	1.33653	0.95660	0.69480	0.53457	0.46472
1.87052	1.35035	0.96841	0.70496	0.54361	0.47330
1.88640	1.36417	0.98026	0.71517	0.55271	0.48197
1.90225	1.37800	0.99214	0.72543	0.56188	0.49070
1.91807	1.39184	1.00406	0.73575	0.57112	0.49951
1.93387	1.40569	1.01601	0.74612	0.58042	0.50840
1.94964	1.41954	1.02798	0.75654	0.58979	0.51735

1.96538	1.43339	1.04000	0.76701	0.59922	0.52638
1.98110	1.44725	1.05204	0.77753	0.60872	0.53548
1.99678	1.46111	1.06411	0.78810	0.61827	0.54465
2.01244	1.47498	1.07621	0.79872	0.62789	0.55389
2.02807	1.48885	1.08833	0.80938	0.63757	0.56320
2.04367	1.50272	1.10049	0.82010	0.64732	0.57258
2.05924	1.51659	1.11267	0.83086	0.65712	0.58203
2.07478	1.53047	1.12488	0.84167	0.66699	0.59154
2.09029	1.54434	1.13712	0.85252	0.67691	0.60113
2.10577	1.55821	1.14938	0.86342	0.68689	0.61078
2.12122	1.57209	1.16167	0.87436	0.69693	0.62050
2.13664	1.58596	1.17398	0.88535	0.70703	0.63028
2.15202	1.59983	1.18632	0.89638	0.71719	0.64013
2.16738	1.61370	1.19867	0.90746	0.72740	0.65004
2.18270	1.62756	1.21105	0.91857	0.73767	0.66002
2.19798	1.64142	1.22346	0.92973	0.74800	0.67006
2.21324	1.65528	1.23588	0.94093	0.75838	0.68017
2.22846	1.66914	1.24833	0.95217	0.76881	0.69033
2.24365	1.68299	1.26079	0.96345	0.77930	0.70056
2.25880	1.69684	1.27328	0.97477	0.78984	0.71085
2.27392	1.71068	1.28578	0.98613	0.80043	0.72120
2.28901	1.72451	1.29831	0.99752	0.81108	0.73161
2.30406	1.73834	1.31085	1.00896	0.82178	0.74208
2.31908	1.75216	1.32341	1.02043	0.83253	0.75261
2.33406	1.76598	1.33599	1.03194	0.84332	0.76320
2.34901	1.77979	1.34858	1.04348	0.85417	0.77384
2.36393	1.79359	1.36119	1.05506	0.86507	0.78454
2.37880	1.80738	1.37382	1.06667	0.87602	0.79530
2.39365	1.82117	1.38646	1.07832	0.88701	0.80611
2.40846	1.83495	1.39912	1.09000	0.89805	0.81698
2.42323	1.84871	1.41179	1.10172	0.90914	0.82791
2.43797	1.86247	1.42447	1.11347	0.92027	0.83889
2.45267	1.87622	1.43717	1.12525	0.93146	0.84992
2.46733	1.88996	1.44989	1.13706	0.94268	0.86100
2.48196	1.90369	1.46261	1.14891	0.95395	0.87214
2.49656	1.91741	1.47535	1.16078	0.96527	0.88333
2.51111	1.93112	1.48810	1.17269	0.97662	0.89457
2.52564	1.94482	1.50086	1.18462	0.98802	0.90586
2.54012	1.95850	1.51363	1.19659	0.99947	0.91720
2.55457	1.97218	1.52641	1.20858	1.01095	0.92859
2.56898	1.98584	1.53921	1.22060	1.02248	0.94003
2.58336	1.99949	1.55201	1.23265	1.03405	0.95151
2.59770	2.01313	1.56482	1.24472	1.04565	0.96305
2.61200	2.02676	1.57764	1.25683	1.05730	0.97463
2.62627	2.04037	1.59047	1.26896	1.06898	0.98626
2.64050	2.05397	1.60331	1.28111	1.08071	0.99793
2.65469	2.06756	1.61616	1.29329	1.09247	1.00965
2.66885	2.08113	1.62901	1.30549	1.10427	1.02141
2.68297	2.09469	1.64187	1.31772	1.11611	1.03322
2.69705	2.10823	1.65474	1.32998	1.12798	1.04507
2.71110	2.12177	1.66761	1.34225	1.13989	1.05697
2.72511	2.13528	1.68049	1.35455	1.15183	1.06890
2.73908	2.14879	1.69338	1.36687	1.16381	1.08088
2.75302	2.16228	1.70627	1.37922	1.17583	1.09290
2.76692	2.17575	1.71916	1.39158	1.18787	1.10496
2.78078	2.18921	1.73206	1.40397	1.19995	1.11706

2.79461	2.20265	1.74497	1.41638	1.21207	1.12921
2.80839	2.21608	1.75788	1.42881	1.22421	1.14139
2.82215	2.22949	1.77079	1.44125	1.23639	1.15360
2.83586	2.24288	1.78371	1.45372	1.24860	1.16586
2.84954	2.25627	1.79663	1.46621	1.26083	1.17815
2.86319	2.26963	1.80955	1.47871	1.27310	1.19048
2.87679	2.28298	1.82247	1.49123	1.28540	1.20285
2.89036	2.29631	1.83540	1.50377	1.29773	1.21525
2.90390	2.30962	1.84833	1.51633	1.31009	1.22769
2.91740	2.32292	1.86126	1.52891	1.32247	1.24017
2.93086	2.33620	1.87419	1.54150	1.33489	1.25267
2.94428	2.34947	1.88712	1.55411	1.34733	1.26521
2.95767	2.36271	1.90005	1.56673	1.35979	1.27779
2.97102	2.37594	1.91299	1.57937	1.37229	1.29039
2.98434	2.38916	1.92592	1.59202	1.38480	1.30303
2.99762	2.40235	1.93886	1.60469	1.39735	1.31570
3.01086	2.41553	1.95179	1.61737	1.40992	1.32840
3.02407	2.42869	1.96472	1.63007	1.42251	1.34114
3.03725	2.44183	1.97765	1.64278	1.43513	1.35390
3.05038	2.45495	1.99058	1.65550	1.44777	1.36669
3.06348	2.46806	2.00351	1.66824	1.46044	1.37951
3.07655	2.48115	2.01644	1.68098	1.47312	1.39236
3.08958	2.49422	2.02936	1.69374	1.48583	1.40524
3.10257	2.50727	2.04229	1.70651	1.49857	1.41814
3.11553	2.52030	2.05521	1.71930	1.51132	1.43108
3.12845	2.53331	2.06813	1.73209	1.52409	1.44404
3.14134	2.54631	2.08104	1.74489	1.53689	1.45702
3.15419	2.55929	2.09395	1.75771	1.54970	1.47003
3.16701	2.57224	2.10686	1.77053	1.56253	1.48307
3.17979	2.58518	2.11977	1.78336	1.57539	1.49613
3.19254	2.59810	2.13267	1.79621	1.58826	1.50921
3.20525	2.61100	2.14557	1.80906	1.60115	1.52232
3.21793	2.62388	2.15846	1.82192	1.61406	1.53545
3.23058	2.63675	2.17135	1.83479	1.62698	1.54861
3.24318	2.64959	2.18423	1.84766	1.63993	1.56179
3.25576	2.66241	2.19711	1.86055	1.65289	1.57499
3.26830	2.67522	2.20998	1.87344	1.66586	1.58821
3.28080	2.68800	2.22285	1.88633	1.67885	1.60145
3.29327	2.70077	2.23572	1.89924	1.69186	1.61471
3.30571	2.71351	2.24857	1.91215	1.70488	1.62799
3.31811	2.72624	2.26142	1.92506	1.71792	1.64130
3.33048	2.73894	2.27427	1.93799	1.73097	1.65462
3.34282	2.75163	2.28711	1.95091	1.74404	1.66796
3.35512	2.76430	2.29994	1.96384	1.75712	1.68132
3.36738	2.77694	2.31277	1.97678	1.77021	1.69470
3.37962	2.78957	2.32559	1.98972	1.78332	1.70809
3.39182	2.80218	2.33840	2.00267	1.79643	1.72150
3.40399	2.81476	2.35120	2.01562	1.80957	1.73493
3.41612	2.82733	2.36400	2.02857	1.82271	1.74838
3.42822	2.83987	2.37679	2.04153	1.83586	1.76184
3.44029	2.85240	2.38957	2.05449	1.84903	1.77532
3.45232	2.86491	2.40235	2.06745	1.86220	1.78881
3.46432	2.87739	2.41511	2.08041	1.87539	1.80232
3.47629	2.88986	2.42787	2.09338	1.88858	1.81584
3.48823	2.90230	2.44062	2.10635	1.90179	1.82938
3.50013	2.91473	2.45336	2.11932	1.91500	1.84293

3.51200	2.92713	2.46609	2.13229	1.92823	1.85649
3.52384	2.93951	2.47882	2.14527	1.94146	1.87006
3.53565	2.95188	2.49153	2.15824	1.95470	1.88365
3.54742	2.96422	2.50424	2.17122	1.96795	1.89725
3.55916	2.97654	2.51693	2.18419	1.98121	1.91086
3.57087	2.98884	2.52962	2.19717	1.99447	1.92449
3.58255	3.00112	2.54230	2.21014	2.00774	1.93812
3.59420	3.01338	2.55496	2.22312	2.02102	1.95177
3.60581	3.02562	2.56762	2.23609	2.03431	1.96542
3.61740	3.03784	2.58027	2.24907	2.04760	1.97909
3.62895	3.05004	2.59291	2.26204	2.06089	1.99276
3.64047	3.06222	2.60553	2.27501	2.07419	2.00645
3.65196	3.07437	2.61815	2.28798	2.08750	2.02014
3.66342	3.08651	2.63076	2.30095	2.10081	2.03384
3.67484	3.09862	2.64335	2.31392	2.11413	2.04755
3.68624	3.11072	2.65593	2.32688	2.12745	2.06127
3.69760	3.12279	2.66851	2.33984	2.14078	2.07500
3.70894	3.13485	2.68107	2.35280	2.15411	2.08873
3.72024	3.14688	2.69362	2.36576	2.16744	2.10247
3.73152	3.15889	2.70616	2.37871	2.18077	2.11622
3.74276	3.17088	2.71869	2.39166	2.19411	2.12997
3.75397	3.18285	2.73121	2.40461	2.20745	2.14373
3.76516	3.19480	2.74371	2.41756	2.22080	2.15749
3.77631	3.20672	2.75620	2.43050	2.23414	2.17126
3.78743	3.21863	2.76868	2.44343	2.24749	2.18504
3.79852	3.23052	2.78115	2.45636	2.26084	2.19882
3.80959	3.24238	2.79361	2.46929	2.27419	2.21260
3.82062	3.25422	2.80606	2.48221	2.28754	2.22639
3.83162	3.26605	2.81849	2.49513	2.30089	2.24018
3.84260	3.27785	2.83091	2.50804	2.31425	2.25398
3.85354	3.28963	2.84331	2.52095	2.32760	2.26778
3.86446	3.30139	2.85571	2.53385	2.34095	2.28158
3.87534	3.31313	2.86809	2.54675	2.35430	2.29538
3.88620	3.32485	2.88046	2.55964	2.36766	2.30919
3.89703	3.33654	2.89282	2.57252	2.38101	2.32300
3.90783	3.34822	2.90516	2.58540	2.39436	2.33681
3.91860	3.35987	2.91749	2.59827	2.40771	2.35062
3.92934	3.37151	2.92981	2.61114	2.42106	2.36444
3.94006	3.38312	2.94211	2.62400	2.43440	2.37825
3.95074	3.39471	2.95440	2.63685	2.44775	2.39207
3.96140	3.40629	2.96668	2.64969	2.46109	2.40589
3.97203	3.41784	2.97894	2.66253	2.47443	2.41970
3.98263	3.42936	2.99119	2.67536	2.48777	2.43352
3.99320	3.44087	3.00342	2.68818	2.50110	2.44733
4.00374	3.45236	3.01564	2.70100	2.51443	2.46115
4.01426	3.46383	3.02785	2.71381	2.52776	2.47497
4.02475	3.47527	3.04004	2.72661	2.54109	2.48878
4.03521	3.48670	3.05222	2.73940	2.55441	2.50259
4.04564	3.49810	3.06439	2.75218	2.56772	2.51640
4.05605	3.50948	3.07654	2.76496	2.58104	2.53021
4.06643	3.52085	3.08868	2.77772	2.59435	2.54402
4.07678	3.53219	3.10080	2.79048	2.60765	2.55783
4.08710	3.54351	3.11290	2.80323	2.62095	2.57163
4.09740	3.55481	3.12500	2.81597	2.63425	2.58543
4.10767	3.56608	3.13708	2.82870	2.64754	2.59923
4.11791	3.57734	3.14914	2.84142	2.66082	2.61302

4.12813	3.58858	3.16119	2.85413	2.67410	2.62681
4.13832	3.59979	3.17322	2.86684	2.68738	2.64060
4.14848	3.61099	3.18524	2.87953	2.70064	2.65438
4.15862	3.62216	3.19724	2.89221	2.71391	2.66816
4.16872	3.63332	3.20923	2.90488	2.72716	2.68194
4.17881	3.64445	3.22121	2.91755	2.74041	2.69571
4.18887	3.65556	3.23316	2.93020	2.75365	2.70947
4.19890	3.66665	3.24511	2.94284	2.76689	2.72323
4.20890	3.67772	3.25704	2.95547	2.78012	2.73699
4.21888	3.68877	3.26895	2.96809	2.79334	2.75074
4.22883	3.69980	3.28084	2.98070	2.80656	2.76449
4.23876	3.71081	3.29273	2.99330	2.81976	2.77823
4.24866	3.72179	3.30459	3.00589	2.83296	2.79196
4.25854	3.73276	3.31644	3.01847	2.84616	2.80569
4.26839	3.74371	3.32828	3.03104	2.85934	2.81941
4.27821	3.75463	3.34010	3.04359	2.87252	2.83312
4.28801	3.76554	3.35190	3.05613	2.88569	2.84683
4.29778	3.77642	3.36369	3.06866	2.89884	2.86054
4.30753	3.78728	3.37546	3.08118	2.91200	2.87423
4.31726	3.79812	3.38721	3.09369	2.92514	2.88792
4.32695	3.80895	3.39895	3.10619	2.93827	2.90160
4.33663	3.81975	3.41067	3.11867	2.95140	2.91527
4.34628	3.83053	3.42238	3.13115	2.96451	2.92894
4.35590	3.84129	3.43407	3.14361	2.97762	2.94259
4.36550	3.85203	3.44575	3.15605	2.99071	2.95624
4.37507	3.86275	3.45741	3.16849	3.00380	2.96988
4.38462	3.87345	3.46905	3.18091	3.01688	2.98352
4.39415	3.88412	3.48068	3.19332	3.02995	2.99714
4.40365	3.89478	3.49228	3.20572	3.04300	3.01076
4.41313	3.90542	3.50388	3.21810	3.05605	3.02436
4.42258	3.91604	3.51545	3.23048	3.06909	3.03796
4.43201	3.92663	3.52702	3.24284	3.08211	3.05155
4.44141	3.93721	3.53856	3.25518	3.09513	3.06513
4.45079	3.94776	3.55009	3.26751	3.10813	3.07870
4.46015	3.95830	3.56160	3.27983	3.12113	3.09226
4.46948	3.96881	3.57309	3.29214	3.13411	3.10581
4.47879	3.97931	3.58457	3.30443	3.14708	3.11935
4.48808	3.98978	3.59603	3.31671	3.16004	3.13288
4.49734	4.00024	3.60747	3.32898	3.17299	3.14640
4.50658	4.01067	3.61890	3.34123	3.18593	3.15991
4.51579	4.02108	3.63031	3.35346	3.19886	3.17341
4.52499	4.03148	3.64170	3.36569	3.21177	3.18689
4.53415	4.04185	3.65308	3.37790	3.22468	3.20037
4.54330	4.05220	3.66444	3.39009	3.23757	3.21384
4.55242	4.06254	3.67578	3.40228	3.25045	3.22729
4.56152	4.07285	3.68711	3.41444	3.26332	3.24074
4.57060	4.08314	3.69841	3.42660	3.27617	3.25417
4.57965	4.09341	3.70970	3.43874	3.28901	3.26759
4.58868	4.10367	3.72098	3.45086	3.30184	3.28100
4.59769	4.11390	3.73224	3.46297	3.31466	3.29440
4.60667	4.12411	3.74348	3.47507	3.32747	3.30779
4.61564	4.13430	3.75470	3.48715	3.34026	3.32116
4.62458	4.14448	3.76590	3.49921	3.35304	3.33452
4.63349	4.15463	3.77709	3.51126	3.36580	3.34787
4.64239	4.16476	3.78826	3.52330	3.37856	3.36121
4.65126	4.17487	3.79942	3.53532	3.39130	3.37453

4.66011	4.18497	3.81055	3.54733	3.40402	3.38785
4.66894	4.19504	3.82167	3.55932	3.41674	3.40115
4.67775	4.20509	3.83277	3.57130	3.42944	3.41443
4.68653	4.21513	3.84386	3.58326	3.44212	3.42771
4.69529	4.22514	3.85493	3.59521	3.45479	3.44097
4.70403	4.23513	3.86597	3.60714	3.46745	3.45422
4.71275	4.24511	3.87701	3.61905	3.48010	3.46745
4.72145	4.25506	3.88802	3.63095	3.49273	3.48067
4.73012	4.26500	3.89902	3.64284	3.50534	3.49388
4.73878	4.27491	3.91000	3.65471	3.51795	3.50707
4.74741	4.28481	3.92096	3.66656	3.53054	3.52026
4.75602	4.29468	3.93190	3.67840	3.54311	3.53342
4.76461	4.30454	3.94283	3.69022	3.55567	3.54658
4.77318	4.31437	3.95374	3.70203	3.56822	3.55971
4.78172	4.32419	3.96463	3.71382	3.58075	3.57284
4.79025	4.33399	3.97551	3.72559	3.59326	3.58595
4.79875	4.34377	3.98636	3.73735	3.60576	3.59905
4.80724	4.35353	3.99720	3.74909	3.61825	3.61213
4.81570	4.36326	4.00802	3.76082	3.63072	3.62520
4.82414	4.37298	4.01883	3.77253	3.64318	3.63825
4.83256	4.38268	4.02961	3.78422	3.65562	3.65129
4.84096	4.39236	4.04038	3.79590	3.66805	3.66431
4.84934	4.40203	4.05113	3.80757	3.68046	3.67732
4.85770	4.41167	4.06186	3.81921	3.69286	3.69032
4.86604	4.42129	4.07258	3.83084	3.70524	3.70330
4.87435	4.43089	4.08328	3.84246	3.71760	3.71626
4.88265	4.44048	4.09396	3.85405	3.72996	3.72921
4.89092	4.45004	4.10462	3.86563	3.74229	3.74214
4.89918	4.45959	4.11526	3.87720	3.75461	3.75506
4.90742	4.46912	4.12589	3.88875	3.76691	3.76796
4.91563	4.47862	4.13650	3.90028	3.77920	3.78085
4.92383	4.48811	4.14709	3.91179	3.79147	3.79373
4.93200	4.49758	4.15766	3.92329	3.80373	3.80658
4.94016	4.50703	4.16821	3.93477	3.81597	3.81942
4.94829	4.51646	4.17875	3.94623	3.82820	3.83225
4.95641	4.52587	4.18927	3.95768	3.84041	3.84506
4.96450	4.53527	4.19977	3.96911	3.85260	3.85785
4.97258	4.54464	4.21026	3.98053	3.86478	3.87063
4.98063	4.55400	4.22072	3.99193	3.87694	3.88339
4.98867	4.56333	4.23117	4.00331	3.88908	3.89614
4.99668	4.57265	4.24160	4.01467	3.90121	3.90887
5.00468	4.58195	4.25201	4.02602	3.91332	3.92158
5.01266	4.59123	4.26241	4.03735	3.92542	3.93428
5.02061	4.60049	4.27278	4.04866	3.93750	3.94696
5.02855	4.60973	4.28314	4.05996	3.94956	3.95962
5.03647	4.61895	4.29348	4.07123	3.96160	3.97227
5.04437	4.62816	4.30380	4.08250	3.97363	3.98490
5.05225	4.63734	4.31411	4.09374	3.98565	3.99751
5.06011	4.64651	4.32439	4.10497	3.99764	4.01011
5.06795	4.65566	4.33466	4.11618	4.00962	4.02269
5.07578	4.66479	4.34491	4.12737	4.02158	4.03526
5.08358	4.67390	4.35515	4.13855	4.03353	4.04780
5.09137	4.68299	4.36536	4.14970	4.04546	4.06033
5.09913	4.69207	4.37556	4.16085	4.05737	4.07285
5.10688	4.70112	4.38574	4.17197	4.06927	4.08534
5.11461	4.71016	4.39590	4.18308	4.08114	4.09782

5.12232	4.71918	4.40604	4.19417	4.09301	4.11029
5.13001	4.72818	4.41617	4.20524	4.10485	4.12273
5.13768	4.73716	4.42628	4.21629	4.11668	4.13516
5.14533	4.74612	4.43637	4.22733	4.12849	4.14757
5.15297	4.75507	4.44644	4.23835	4.14028	4.15996
5.16058	4.76400	4.45649	4.24935	4.15205	4.17234



















































