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FREE ENERGY AND ENTROPY FOR A CRYSTALLINE SOLID

Walter A. Stark and R. N. Kortzeborn

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HEAT CAPACITY, FREE ENERGY AND ENTROPY FOR A CRYSTALLINE SOLID.

Walter A. Stark and R. N. Kortzeborn

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ABSTRACT

The Debye integrals for the heat capacity, energy, free energy and entropy have been evaluated using a very fast and accurate numerical integration routine. The results are given as a function of T/θ_D , where T is absolute temperature and θ_D is the characteristic Debye temperature, in increments of 0.001 from 0.001 to 2.000 and in increments of 0.1 from 2.100 to 12.000.

By assuming that the density of modes of vibration for a solid medium is proportional to the square of the frequency of the vibration, Debye¹ obtained the following well known relations for the energy, heat capacity, free energy, and entropy of a crystalline solid:

$$\frac{E-E_0}{3RT} = 3 \left(\frac{T}{\theta_D} \right)^3 \int_0^{\theta_D/T} \frac{u^3 du}{e^u - 1}$$

$$C_V/3R = 3 \left(\frac{T}{\theta_D} \right)^3 \int_0^{\theta_D/T} \frac{4u^4 e^{-u} du}{(e^u - 1)^2}$$

$$\frac{-(A-E_0)}{3RT} = 3 \left(\frac{T}{\theta_D} \right)^3 \int_0^{\theta_D/T} u^2 \ln(1 - e^{-u}) du$$

$$\frac{S}{3R} = \frac{-(A-E)}{3RT}$$

The equations involving C_V and A may be transformed by integral manipulation to functions of the E integral only. This yields:

$$C_V/3R = 4 \left(\frac{E-E_0}{3RT} \right) - 3 \left\{ \frac{\theta_D/T}{e^{\theta_D/T} - 1} \right\} \quad (1)$$

$$\frac{A-E_0}{3RT} = \frac{1}{3} \left(\frac{E-E_0}{3RT} \right) - \ln(1 - e^{-\theta_D/T}) \quad (2)$$

And the entropy is:

$$\frac{S}{3R} = \frac{2}{3} \left(\frac{E-E_0}{3RT} \right) + \ln (1 - e^{-\theta_D/T}) \quad (3)$$

The program that was used to calculate the integrals is able to perform numerical integration of any analytic function by sixteen point Gaussian quadrature.² The integrals are broken into two regions and the limits of integration for a desired integral are given as two arguments of a subroutine call statement.

In practice, an infinite upper limit is handled by setting a parameter in the subroutine call statement. The integration is then performed from A (lower limit) to (A+D); D is an intermediate limit; and then (A+D) to infinity.

All integrals are first done over the entire range and then the range is halved and both halves done with sixteen points. The results for sixteen and thirty-two points are compared and if the percentage difference is larger than a preset value, the process is repeated with the lower half as starting range until success. The upper halves are added and stored to give the new comparison integral for the remaining range. This handles slow convergence due to a singularity at A which is particularly useful in the present calculation.

All of the integrals necessary for the calculation of the thermodynamic tables in this paper involve finite limits and are accurate to single precision computer round off error. A calculation of an average integral takes 20 milliseconds on the IBM 7040-7094.

Acknowledgment. - This work was performed under the auspices of the United States Atomic Energy Commission.

T / THETA	E(T)	A(T)	S(T)	CV(T)
0.001	0.00000	0.00000	0.00000	0.00000
0.002	0.00000	0.00000	0.00000	0.00000
0.003	0.00000	0.00000	0.00000	0.00000
0.004	0.00000	0.00000	0.00000	0.00000
0.005	0.00000	0.00000	0.00000	0.00001
0.006	0.00000	0.00000	0.00001	0.00002
0.007	0.00001	0.00000	0.00001	0.00003
0.008	0.00001	0.00000	0.00001	0.00004
0.009	0.00001	0.00000	0.00002	0.00006
0.010	0.00002	0.00001	0.00003	0.00008
0.011	0.00003	0.00001	0.00003	0.00010
0.012	0.00003	0.00001	0.00004	0.00013
0.013	0.00004	0.00001	0.00006	0.00017
0.014	0.00005	0.00002	0.00007	0.00021
0.015	0.00007	0.00002	0.00009	0.00026
0.016	0.00008	0.00003	0.00011	0.00032
0.017	0.00010	0.00003	0.00013	0.00038
0.018	0.00011	0.00004	0.00015	0.00045
0.019	0.00013	0.00004	0.00018	0.00053
0.020	0.00016	0.00005	0.00021	0.00062
0.021	0.00018	0.00006	0.00024	0.00072
0.022	0.00021	0.00007	0.00028	0.00083
0.023	0.00024	0.00008	0.00032	0.00095
0.024	0.00027	0.00009	0.00036	0.00108
0.025	0.00030	0.00010	0.00041	0.00122
0.026	0.00034	0.00011	0.00046	0.00137
0.027	0.00038	0.00013	0.00051	0.00153
0.028	0.00043	0.00014	0.00057	0.00171
0.029	0.00048	0.00016	0.00063	0.00190
0.030	0.00053	0.00018	0.00070	0.00210
0.031	0.00058	0.00019	0.00077	0.00232
0.032	0.00064	0.00021	0.00085	0.00255
0.033	0.00070	0.00023	0.00093	0.00280
0.034	0.00077	0.00026	0.00102	0.00306
0.035	0.00084	0.00028	0.00111	0.00334
0.036	0.00091	0.00030	0.00121	0.00364
0.037	0.00099	0.00033	0.00132	0.00395
0.038	0.00107	0.00036	0.00143	0.00428
0.039	0.00116	0.00039	0.00154	0.00462
0.040	0.00125	0.00042	0.00166	0.00499
0.041	0.00134	0.00045	0.00179	0.00537
0.042	0.00144	0.00048	0.00192	0.00577
0.043	0.00155	0.00052	0.00207	0.00620
0.044	0.00166	0.00055	0.00221	0.00664
0.045	0.00178	0.00059	0.00237	0.00710
0.046	0.00190	0.00063	0.00253	0.00759
0.047	0.00202	0.00067	0.00270	0.00809
0.048	0.00215	0.00072	0.00287	0.00862
0.049	0.00229	0.00076	0.00306	0.00917
0.050	0.00244	0.00081	0.00325	0.00974

T / THETA	E(T)	A(T)	S(T)	CV(T)
0.051	0.00258	0.00086	0.00345	0.01034
0.052	0.00274	0.00091	0.00365	0.01096
0.053	0.00290	0.00097	0.00387	0.01160
0.054	0.00307	0.00102	0.00409	0.01227
0.055	0.00324	0.00108	0.00432	0.01296
0.056	0.00342	0.00114	0.00456	0.01368
0.057	0.00361	0.00120	0.00481	0.01443
0.058	0.00380	0.00127	0.00507	0.01520
0.059	0.00400	0.00133	0.00533	0.01600
0.060	0.00421	0.00140	0.00561	0.01683
0.061	0.00442	0.00147	0.00590	0.01768
0.062	0.00464	0.00155	0.00619	0.01857
0.063	0.00487	0.00162	0.00649	0.01948
0.064	0.00511	0.00170	0.00681	0.02042
0.065	0.00535	0.00178	0.00713	0.02139
0.066	0.00560	0.00187	0.00747	0.02239
0.067	0.00586	0.00195	0.00781	0.02342
0.068	0.00612	0.00204	0.00817	0.02448
0.069	0.00640	0.00213	0.00853	0.02557
0.070	0.00668	0.00223	0.00891	0.02669
0.071	0.00697	0.00232	0.00929	0.02785
0.072	0.00727	0.00242	0.00969	0.02903
0.073	0.00757	0.00253	0.01010	0.03025
0.074	0.00789	0.00263	0.01052	0.03150
0.075	0.00821	0.00274	0.01095	0.03279
0.076	0.00854	0.00285	0.01139	0.03410
0.077	0.00889	0.00296	0.01185	0.03545
0.078	0.00923	0.00308	0.01232	0.03684
0.079	0.00959	0.00320	0.01279	0.03825
0.080	0.00996	0.00332	0.01328	0.03970
0.081	0.01034	0.00345	0.01379	0.04119
0.082	0.01072	0.00358	0.01430	0.04270
0.083	0.01112	0.00371	0.01483	0.04426
0.084	0.01152	0.00385	0.01537	0.04584
0.085	0.01193	0.00399	0.01592	0.04746
0.086	0.01236	0.00413	0.01648	0.04912
0.087	0.01279	0.00427	0.01706	0.05080
0.088	0.01323	0.00442	0.01765	0.05253
0.089	0.01368	0.00457	0.01826	0.05428
0.090	0.01414	0.00473	0.01887	0.05607
0.091	0.01461	0.00489	0.01950	0.05790
0.092	0.01509	0.00505	0.02014	0.05976
0.093	0.01558	0.00522	0.02080	0.06165
0.094	0.01608	0.00539	0.02147	0.06357
0.095	0.01660	0.00556	0.02215	0.06553
0.096	0.01712	0.00573	0.02285	0.06753
0.097	0.01765	0.00592	0.02356	0.06955
0.098	0.01819	0.00610	0.02428	0.07161
0.099	0.01874	0.00629	0.02502	0.07370
0.100	0.01930	0.00648	0.02577	0.07582

T / THETA	E(T)	A(T)	S(T)	CV(T)
0.101	0.01987	0.00667	0.02654	0.07798
0.102	0.02045	0.00687	0.02732	0.08016
0.103	0.02104	0.00707	0.02811	0.08238
0.104	0.02164	0.00728	0.02892	0.08463
0.105	0.02225	0.00749	0.02974	0.08690
0.106	0.02287	0.00770	0.03057	0.08921
0.107	0.02350	0.00792	0.03142	0.09155
0.108	0.02414	0.00814	0.03228	0.09392
0.109	0.02479	0.00837	0.03316	0.09632
0.110	0.02545	0.00860	0.03405	0.09874
0.111	0.02612	0.00883	0.03496	0.10119
0.112	0.02681	0.00907	0.03587	0.10367
0.113	0.02750	0.00931	0.03681	0.10618
0.114	0.02820	0.00955	0.03775	0.10871
0.115	0.02891	0.00980	0.03871	0.11127
0.116	0.02963	0.01006	0.03969	0.11386
0.117	0.03036	0.01031	0.04068	0.11647
0.118	0.03110	0.01058	0.04168	0.11910
0.119	0.03185	0.01084	0.04270	0.12176
0.120	0.03261	0.01111	0.04373	0.12445
0.121	0.03338	0.01139	0.04477	0.12715
0.122	0.03416	0.01166	0.04583	0.12988
0.123	0.03495	0.01195	0.04690	0.13263
0.124	0.03575	0.01223	0.04798	0.13540
0.125	0.03656	0.01252	0.04908	0.13819
0.126	0.03738	0.01282	0.05019	0.14100
0.127	0.03820	0.01312	0.05132	0.14383
0.128	0.03904	0.01342	0.05246	0.14668
0.129	0.03989	0.01373	0.05361	0.14954
0.130	0.04074	0.01404	0.05478	0.15243
0.131	0.04161	0.01435	0.05596	0.15533
0.132	0.04248	0.01467	0.05715	0.15825
0.133	0.04336	0.01500	0.05836	0.16119
0.134	0.04425	0.01532	0.05957	0.16414
0.135	0.04515	0.01566	0.06080	0.16710
0.136	0.04606	0.01599	0.06205	0.17008
0.137	0.04697	0.01633	0.06331	0.17308
0.138	0.04790	0.01668	0.06458	0.17608
0.139	0.04883	0.01703	0.06586	0.17910
0.140	0.04977	0.01738	0.06715	0.18213
0.141	0.05072	0.01774	0.06846	0.18518
0.142	0.05168	0.01810	0.06978	0.18823
0.143	0.05264	0.01847	0.07111	0.19129
0.144	0.05362	0.01884	0.07245	0.19437
0.145	0.05460	0.01921	0.07381	0.19745
0.146	0.05559	0.01959	0.07518	0.20054
0.147	0.05658	0.01997	0.07656	0.20365
0.148	0.05759	0.02036	0.07795	0.20675
0.149	0.05860	0.02075	0.07935	0.20987
0.150	0.05962	0.02115	0.08077	0.21299

T / THETA	E(T)	A(T)	S(T)	CV(T)
0.151	0.06065	0.02155	0.08219	0.21612
0.152	0.06162	0.02195	0.08363	0.21926
0.153	0.06272	0.02236	0.08508	0.22240
0.154	0.06377	0.02277	0.08654	0.22554
0.155	0.06482	0.02319	0.08801	0.22869
0.156	0.06588	0.02361	0.08949	0.23184
0.157	0.06695	0.02403	0.09098	0.23500
0.158	0.06802	0.02446	0.09248	0.23816
0.159	0.06910	0.02489	0.09399	0.24132
0.160	0.07019	0.02533	0.09552	0.24448
0.161	0.07128	0.02577	0.09705	0.24765
0.162	0.07238	0.02621	0.09859	0.25081
0.163	0.07348	0.02666	0.10014	0.25398
0.164	0.07459	0.02712	0.10171	0.25715
0.165	0.07571	0.02757	0.10328	0.26032
0.166	0.07683	0.02803	0.10486	0.26349
0.167	0.07796	0.02850	0.10645	0.26665
0.168	0.07909	0.02897	0.10805	0.26982
0.169	0.08023	0.02944	0.10967	0.27298
0.170	0.08137	0.02992	0.11129	0.27614
0.171	0.08252	0.03040	0.11292	0.27930
0.172	0.08367	0.03088	0.11455	0.28246
0.173	0.08483	0.03137	0.11620	0.28562
0.174	0.08599	0.03186	0.11786	0.28877
0.175	0.08716	0.03236	0.11952	0.29191
0.176	0.08833	0.03286	0.12119	0.29506
0.177	0.08951	0.03336	0.12287	0.29820
0.178	0.09069	0.03387	0.12456	0.30133
0.179	0.09188	0.03438	0.12626	0.30446
0.180	0.09307	0.03490	0.12796	0.30759
0.181	0.09426	0.03541	0.12968	0.31071
0.182	0.09546	0.03594	0.13140	0.31382
0.183	0.09666	0.03646	0.13312	0.31693
0.184	0.09787	0.03699	0.13486	0.32003
0.185	0.09908	0.03753	0.13660	0.32313
0.186	0.10029	0.03806	0.13835	0.32621
0.187	0.10150	0.03861	0.14011	0.32930
0.188	0.10272	0.03915	0.14187	0.33237
0.189	0.10395	0.03970	0.14365	0.33544
0.190	0.10517	0.04025	0.14542	0.33850
0.191	0.10640	0.04081	0.14721	0.34155
0.192	0.10764	0.04136	0.14900	0.34459
0.193	0.10887	0.04193	0.15080	0.34763
0.194	0.11011	0.04249	0.15260	0.35066
0.195	0.11135	0.04306	0.15441	0.35368
0.196	0.11260	0.04363	0.15623	0.35669
0.197	0.11384	0.04421	0.15805	0.35969
0.198	0.11509	0.04479	0.15988	0.36268
0.199	0.11634	0.04537	0.16172	0.36566
0.200	0.11760	0.04595	0.16356	0.36863

T / THETA	E(T)	A(T)	S(T)	CV(T)
0.201	0.11885	0.04655	0.16540	0.37160
0.202	0.12011	0.04714	0.16725	0.37455
0.203	0.12137	0.04774	0.16911	0.37750
0.204	0.12264	0.04834	0.17097	0.38043
0.205	0.12390	0.04894	0.17284	0.38335
0.206	0.12517	0.04955	0.17471	0.38627
0.207	0.12643	0.05016	0.17659	0.38917
0.208	0.12771	0.05077	0.17847	0.39206
0.209	0.12898	0.05138	0.18036	0.39494
0.210	0.13025	0.05200	0.18225	0.39782
0.211	0.13153	0.05262	0.18415	0.40068
0.212	0.13280	0.05325	0.18605	0.40352
0.213	0.13408	0.05388	0.18796	0.40636
0.214	0.13536	0.05451	0.18987	0.40919
0.215	0.13664	0.05514	0.19178	0.41201
0.216	0.13792	0.05578	0.19370	0.41481
0.217	0.13920	0.05642	0.19562	0.41760
0.218	0.14049	0.05706	0.19755	0.42038
0.219	0.14177	0.05771	0.19948	0.42315
0.220	0.14306	0.05836	0.20141	0.42591
0.221	0.14434	0.05901	0.20335	0.42866
0.222	0.14563	0.05966	0.20529	0.43139
0.223	0.14692	0.06032	0.20724	0.43412
0.224	0.14820	0.06098	0.20918	0.43683
0.225	0.14949	0.06164	0.21114	0.43953
0.226	0.15078	0.06231	0.21309	0.44222
0.227	0.15207	0.06298	0.21505	0.44489
0.228	0.15336	0.06365	0.21701	0.44756
0.229	0.15465	0.06432	0.21898	0.45021
0.230	0.15594	0.06500	0.22094	0.45285
0.231	0.15723	0.06568	0.22291	0.45547
0.232	0.15853	0.06636	0.22489	0.45809
0.233	0.15982	0.06705	0.22686	0.46069
0.234	0.16111	0.06773	0.22884	0.46328
0.235	0.16240	0.06842	0.23082	0.46586
0.236	0.16369	0.06912	0.23281	0.46843
0.237	0.16498	0.06981	0.23479	0.47098
0.238	0.16627	0.07051	0.23678	0.47352
0.239	0.16756	0.07121	0.23877	0.47605
0.240	0.16885	0.07191	0.24076	0.47857
0.241	0.17014	0.07261	0.24276	0.48107
0.242	0.17143	0.07332	0.24476	0.48356
0.243	0.17272	0.07403	0.24676	0.48604
0.244	0.17401	0.07474	0.24876	0.48851
0.245	0.17530	0.07545	0.25076	0.49097
0.246	0.17659	0.07617	0.25276	0.49341
0.247	0.17788	0.07689	0.25477	0.49584
0.248	0.17916	0.07761	0.25678	0.49826
0.249	0.18045	0.07834	0.25879	0.50066
0.250	0.18174	0.07906	0.26080	0.50306

T / THETA	E(T)	A(T)	S(T)	CV(T)
0.251	0.18302	0.07979	0.26281	0.50544
0.252	0.18431	0.08052	0.26483	0.50781
0.253	0.18559	0.08126	0.26684	0.51017
0.254	0.18687	0.08199	0.26886	0.51251
0.255	0.18815	0.08273	0.27088	0.51484
0.256	0.18943	0.08347	0.27290	0.51716
0.257	0.19071	0.08421	0.27492	0.51947
0.258	0.19199	0.08495	0.27694	0.52177
0.259	0.19327	0.08569	0.27896	0.52405
0.260	0.19455	0.08644	0.28099	0.52632
0.261	0.19582	0.08719	0.28301	0.52858
0.262	0.19710	0.08794	0.28504	0.53083
0.263	0.19837	0.08870	0.28707	0.53307
0.264	0.19964	0.08945	0.28909	0.53529
0.265	0.20091	0.09021	0.29112	0.53750
0.266	0.20218	0.09097	0.29315	0.53970
0.267	0.20345	0.09173	0.29518	0.54189
0.268	0.20472	0.09249	0.29721	0.54407
0.269	0.20598	0.09326	0.29924	0.54623
0.270	0.20725	0.09402	0.30127	0.54839
0.271	0.20851	0.09479	0.30330	0.55053
0.272	0.20977	0.09556	0.30533	0.55266
0.273	0.21103	0.09633	0.30736	0.55477
0.274	0.21229	0.09711	0.30940	0.55688
0.275	0.21355	0.09788	0.31143	0.55897
0.276	0.21480	0.09866	0.31346	0.56106
0.277	0.21606	0.09944	0.31549	0.56313
0.278	0.21731	0.10022	0.31753	0.56519
0.279	0.21856	0.10100	0.31956	0.56724
0.280	0.21981	0.10179	0.32159	0.56927
0.281	0.22105	0.10257	0.32363	0.57130
0.282	0.22230	0.10336	0.32566	0.57331
0.283	0.22354	0.10415	0.32769	0.57532
0.284	0.22479	0.10494	0.32973	0.57731
0.285	0.22603	0.10573	0.33176	0.57929
0.286	0.22726	0.10653	0.33379	0.58126
0.287	0.22850	0.10732	0.33582	0.58322
0.288	0.22974	0.10812	0.33786	0.58517
0.289	0.23097	0.10892	0.33989	0.58710
0.290	0.23220	0.10972	0.34192	0.58903
0.291	0.23343	0.11052	0.34395	0.59095
0.292	0.23466	0.11132	0.34598	0.59285
0.293	0.23589	0.11213	0.34801	0.59474
0.294	0.23711	0.11293	0.35004	0.59663
0.295	0.23833	0.11374	0.35207	0.59850
0.296	0.23955	0.11455	0.35410	0.60036
0.297	0.24077	0.11536	0.35613	0.60221
0.298	0.24198	0.11617	0.35815	0.60405
0.299	0.24320	0.11698	0.36018	0.60588
0.300	0.24441	0.11780	0.36221	0.60770

T / THETA	E(T)	A(T)	S(T)	CV(T)
0.301	0.24562	0.11851	0.36423	0.60951
0.302	0.24683	0.11943	0.36625	0.61131
0.303	0.24803	0.12025	0.36828	0.61310
0.304	0.24924	0.12106	0.37030	0.61488
0.305	0.25044	0.12189	0.37232	0.61665
0.306	0.25164	0.12271	0.37435	0.61840
0.307	0.25284	0.12353	0.37637	0.62015
0.308	0.25403	0.12435	0.37839	0.62189
0.309	0.25522	0.12518	0.38040	0.62362
0.310	0.25642	0.12601	0.38242	0.62534
0.311	0.25760	0.12683	0.38444	0.62705
0.312	0.25879	0.12766	0.38645	0.62875
0.313	0.25998	0.12849	0.38847	0.63044
0.314	0.26116	0.12932	0.39048	0.63212
0.315	0.26234	0.13016	0.39250	0.63378
0.316	0.26352	0.13099	0.39451	0.63545
0.317	0.26469	0.13182	0.39652	0.63710
0.318	0.26587	0.13266	0.39853	0.63874
0.319	0.26704	0.13350	0.40053	0.64037
0.320	0.26821	0.13433	0.40254	0.64199
0.321	0.26937	0.13517	0.40455	0.64361
0.322	0.27054	0.13601	0.40655	0.64521
0.323	0.27170	0.13685	0.40855	0.64680
0.324	0.27286	0.13769	0.41056	0.64839
0.325	0.27402	0.13854	0.41256	0.64997
0.326	0.27518	0.13938	0.41456	0.65153
0.327	0.27633	0.14023	0.41655	0.65309
0.328	0.27748	0.14107	0.41855	0.65464
0.329	0.27863	0.14192	0.42055	0.65618
0.330	0.27977	0.14276	0.42254	0.65771
0.331	0.28092	0.14361	0.42453	0.65924
0.332	0.28206	0.14446	0.42652	0.66075
0.333	0.28320	0.14531	0.42851	0.66226
0.334	0.28434	0.14616	0.43050	0.66375
0.335	0.28547	0.14701	0.43249	0.66524
0.336	0.28660	0.14787	0.43447	0.66672
0.337	0.28773	0.14872	0.43646	0.66819
0.338	0.28886	0.14957	0.43844	0.66966
0.339	0.28999	0.15043	0.44042	0.67111
0.340	0.29111	0.15129	0.44240	0.67256
0.341	0.29223	0.15214	0.44437	0.67400
0.342	0.29335	0.15300	0.44635	0.67543
0.343	0.29447	0.15386	0.44832	0.67685
0.344	0.29558	0.15472	0.45030	0.67826
0.345	0.29669	0.15558	0.45227	0.67967
0.346	0.29780	0.15644	0.45424	0.68106
0.347	0.29891	0.15730	0.45620	0.68245
0.348	0.30001	0.15816	0.45817	0.68383
0.349	0.30111	0.15902	0.46013	0.68521
0.350	0.30221	0.15988	0.46210	0.68657

T / THETA	E(T)	A(T)	S(T)	CV(T)
0.351	0.30331	0.16075	0.46406	0.68793
0.352	0.30440	0.16161	0.46602	0.68928
0.353	0.30550	0.16248	0.46797	0.69062
0.354	0.30659	0.16334	0.46993	0.69196
0.355	0.30767	0.16421	0.47188	0.69328
0.356	0.30876	0.16508	0.47383	0.69460
0.357	0.30984	0.16594	0.47579	0.69592
0.358	0.31092	0.16681	0.47773	0.69722
0.359	0.31200	0.16768	0.47968	0.69852
0.360	0.31307	0.16855	0.48162	0.69981
0.361	0.31415	0.16942	0.48357	0.70109
0.362	0.31522	0.17029	0.48551	0.70236
0.363	0.31629	0.17116	0.48745	0.70363
0.364	0.31735	0.17203	0.48939	0.70489
0.365	0.31842	0.17291	0.49132	0.70615
0.366	0.31948	0.17378	0.49326	0.70739
0.367	0.32053	0.17465	0.49519	0.70863
0.368	0.32159	0.17553	0.49712	0.70986
0.369	0.32264	0.17640	0.49904	0.71109
0.370	0.32370	0.17727	0.50097	0.71231
0.371	0.32475	0.17815	0.50290	0.71352
0.372	0.32579	0.17903	0.50482	0.71472
0.373	0.32684	0.17990	0.50674	0.71592
0.374	0.32788	0.18078	0.50866	0.71711
0.375	0.32892	0.18165	0.51057	0.71830
0.376	0.32996	0.18253	0.51249	0.71948
0.377	0.33099	0.18341	0.51440	0.72065
0.378	0.33202	0.18429	0.51631	0.72181
0.379	0.33305	0.18517	0.51822	0.72297
0.380	0.33408	0.18605	0.52013	0.72412
0.381	0.33511	0.18692	0.52203	0.72527
0.382	0.33613	0.18780	0.52393	0.72641
0.383	0.33715	0.18868	0.52583	0.72754
0.384	0.33817	0.18956	0.52773	0.72866
0.385	0.33918	0.19045	0.52963	0.72978
0.386	0.34020	0.19133	0.53152	0.73090
0.387	0.34121	0.19221	0.53342	0.73200
0.388	0.34222	0.19309	0.53531	0.73311
0.389	0.34322	0.19397	0.53719	0.73420
0.390	0.34423	0.19485	0.53908	0.73529
0.391	0.34523	0.19574	0.54096	0.73637
0.392	0.34623	0.19662	0.54285	0.73745
0.393	0.34722	0.19750	0.54473	0.73852
0.394	0.34822	0.19839	0.54661	0.73959
0.395	0.34921	0.19927	0.54848	0.74064
0.396	0.35020	0.20016	0.55036	0.74170
0.397	0.35119	0.20104	0.55223	0.74274
0.398	0.35217	0.20193	0.55410	0.74379
0.399	0.35315	0.20281	0.55597	0.74482
0.400	0.35414	0.20370	0.55783	0.74585

T / THETA	E(T)	A(T)	S(T)	CV(T)
0.401	0.35511	0.20458	0.55969	0.74688
0.402	0.35609	0.20547	0.56156	0.74790
0.403	0.35706	0.20635	0.56342	0.74891
0.404	0.35803	0.20724	0.56527	0.74992
0.405	0.35900	0.20812	0.56713	0.75092
0.406	0.35997	0.20901	0.56898	0.75191
0.407	0.36093	0.20990	0.57083	0.75291
0.408	0.36190	0.21078	0.57268	0.75389
0.409	0.36286	0.21167	0.57453	0.75487
0.410	0.36381	0.21256	0.57637	0.75585
0.411	0.36477	0.21345	0.57821	0.75682
0.412	0.36572	0.21433	0.58005	0.75778
0.413	0.36667	0.21522	0.58189	0.75874
0.414	0.36762	0.21611	0.58373	0.75969
0.415	0.36856	0.21700	0.58556	0.76064
0.416	0.36951	0.21789	0.58739	0.76159
0.417	0.37045	0.21877	0.58922	0.76252
0.418	0.37139	0.21966	0.59105	0.76346
0.419	0.37233	0.22055	0.59288	0.76439
0.420	0.37326	0.22144	0.59470	0.76531
0.421	0.37419	0.22233	0.59652	0.76623
0.422	0.37512	0.22322	0.59834	0.76714
0.423	0.37605	0.22411	0.60016	0.76805
0.424	0.37698	0.22500	0.60197	0.76895
0.425	0.37790	0.22588	0.60378	0.76985
0.426	0.37882	0.22677	0.60559	0.77074
0.427	0.37974	0.22766	0.60740	0.77163
0.428	0.38066	0.22855	0.60921	0.77252
0.429	0.38157	0.22944	0.61101	0.77340
0.430	0.38248	0.23033	0.61281	0.77427
0.431	0.38339	0.23122	0.61461	0.77514
0.432	0.38430	0.23211	0.61641	0.77601
0.433	0.38521	0.23300	0.61821	0.77687
0.434	0.38611	0.23389	0.62000	0.77772
0.435	0.38701	0.23478	0.62179	0.77858
0.436	0.38791	0.23567	0.62358	0.77942
0.437	0.38881	0.23656	0.62537	0.78026
0.438	0.38970	0.23745	0.62715	0.78110
0.439	0.39059	0.23834	0.62893	0.78194
0.440	0.39148	0.23923	0.63071	0.78277
0.441	0.39237	0.24012	0.63249	0.78359
0.442	0.39326	0.24101	0.63427	0.78441
0.443	0.39414	0.24190	0.63604	0.78523
0.444	0.39502	0.24279	0.63781	0.78604
0.445	0.39590	0.24368	0.63958	0.78685
0.446	0.39678	0.24457	0.64135	0.78765
0.447	0.39766	0.24546	0.64311	0.78845
0.448	0.39853	0.24635	0.64488	0.78924
0.449	0.39940	0.24724	0.64664	0.79004
0.450	0.40027	0.24812	0.64839	0.79082

T / THETA	E(T)	A(T)	S(T)	CV(T)
0.451	0.40114	0.24901	0.65015	0.79160
0.452	0.40200	0.24990	0.65191	0.79238
0.453	0.40286	0.25079	0.65366	0.79316
0.454	0.40372	0.25168	0.65541	0.79393
0.455	0.40458	0.25257	0.65715	0.79469
0.456	0.40544	0.25346	0.65890	0.79546
0.457	0.40629	0.25435	0.66064	0.79621
0.458	0.40715	0.25524	0.66238	0.79697
0.459	0.40800	0.25613	0.66412	0.79772
0.460	0.40884	0.25702	0.66586	0.79847
0.461	0.40969	0.25791	0.66760	0.79921
0.462	0.41053	0.25879	0.66933	0.79995
0.463	0.41138	0.25968	0.67106	0.80068
0.464	0.41222	0.26057	0.67279	0.80141
0.465	0.41305	0.26146	0.67451	0.80214
0.466	0.41389	0.26235	0.67624	0.80287
0.467	0.41472	0.26324	0.67796	0.80359
0.468	0.41555	0.26412	0.67968	0.80430
0.469	0.41638	0.26501	0.68140	0.80501
0.470	0.41721	0.26590	0.68311	0.80572
0.471	0.41804	0.26679	0.68482	0.80643
0.472	0.41886	0.26767	0.68654	0.80713
0.473	0.41968	0.26856	0.68824	0.80783
0.474	0.42050	0.26945	0.68995	0.80852
0.475	0.42132	0.27034	0.69166	0.80921
0.476	0.42214	0.27122	0.69336	0.80990
0.477	0.42295	0.27211	0.69506	0.81059
0.478	0.42376	0.27300	0.69676	0.81127
0.479	0.42457	0.27388	0.69845	0.81194
0.480	0.42538	0.27477	0.70015	0.81262
0.481	0.42618	0.27566	0.70184	0.81329
0.482	0.42699	0.27654	0.70353	0.81396
0.483	0.42779	0.27743	0.70522	0.81462
0.484	0.42859	0.27831	0.70690	0.81528
0.485	0.42939	0.27920	0.70859	0.81594
0.486	0.43018	0.28008	0.71027	0.81659
0.487	0.43098	0.28097	0.71195	0.81724
0.488	0.43177	0.28185	0.71362	0.81789
0.489	0.43256	0.28274	0.71530	0.81853
0.490	0.43335	0.28362	0.71697	0.81917
0.491	0.43413	0.28451	0.71864	0.81981
0.492	0.43492	0.28539	0.72031	0.82044
0.493	0.43570	0.28627	0.72198	0.82108
0.494	0.43648	0.28716	0.72364	0.82170
0.495	0.43726	0.28804	0.72530	0.82233
0.496	0.43804	0.28892	0.72696	0.82295
0.497	0.43881	0.28981	0.72862	0.82357
0.498	0.43959	0.29069	0.73028	0.82418
0.499	0.44036	0.29157	0.73193	0.82480
0.500	0.44113	0.29246	0.73358	0.82541

T / THETA	E(T)	A(T)	S(T)	CV(T)
0.501	0.44190	0.29334	0.73523	0.82601
0.502	0.44266	0.29422	0.73688	0.82662
0.503	0.44343	0.29510	0.73853	0.82722
0.504	0.44419	0.29598	0.74017	0.82782
0.505	0.44495	0.29686	0.74181	0.82841
0.506	0.44571	0.29774	0.74345	0.82900
0.507	0.44646	0.29863	0.74509	0.82959
0.508	0.44722	0.29951	0.74672	0.83018
0.509	0.44797	0.30039	0.74836	0.83076
0.510	0.44872	0.30127	0.74999	0.83134
0.511	0.44947	0.30215	0.75162	0.83192
0.512	0.45022	0.30303	0.75324	0.83249
0.513	0.45096	0.30390	0.75487	0.83306
0.514	0.45171	0.30478	0.75649	0.83363
0.515	0.45245	0.30566	0.75811	0.83420
0.516	0.45319	0.30654	0.75973	0.83476
0.517	0.45393	0.30742	0.76135	0.83532
0.518	0.45467	0.30830	0.76296	0.83588
0.519	0.45540	0.30917	0.76458	0.83644
0.520	0.45613	0.31005	0.76619	0.83699
0.521	0.45687	0.31093	0.76779	0.83754
0.522	0.45760	0.31181	0.76940	0.83809
0.523	0.45832	0.31268	0.77101	0.83863
0.524	0.45905	0.31356	0.77261	0.83918
0.525	0.45977	0.31443	0.77421	0.83972
0.526	0.46050	0.31531	0.77581	0.84025
0.527	0.46122	0.31618	0.77740	0.84079
0.528	0.46194	0.31706	0.77900	0.84132
0.529	0.46266	0.31793	0.78059	0.84185
0.530	0.46337	0.31881	0.78218	0.84238
0.531	0.46409	0.31968	0.78377	0.84290
0.532	0.46480	0.32056	0.78536	0.84342
0.533	0.46551	0.32143	0.78694	0.84394
0.534	0.46622	0.32230	0.78852	0.84446
0.535	0.46693	0.32318	0.79010	0.84497
0.536	0.46763	0.32405	0.79168	0.84548
0.537	0.46834	0.32492	0.79326	0.84599
0.538	0.46904	0.32579	0.79483	0.84650
0.539	0.46974	0.32667	0.79640	0.84701
0.540	0.47044	0.32754	0.79797	0.84751
0.541	0.47114	0.32841	0.79954	0.84801
0.542	0.47183	0.32928	0.80111	0.84851
0.543	0.47253	0.33015	0.80267	0.84900
0.544	0.47322	0.33102	0.80424	0.84950
0.545	0.47391	0.33189	0.80580	0.84999
0.546	0.47460	0.33276	0.80736	0.85047
0.547	0.47529	0.33363	0.80891	0.85096
0.548	0.47597	0.33450	0.81047	0.85144
0.549	0.47666	0.33536	0.81202	0.85193
0.550	0.47734	0.33623	0.81357	0.85241

T / THETA	E(T)	A(T)	S(T)	CV(T)
0.551	0.47802	0.33710	0.81512	0.85288
0.552	0.47870	0.33797	0.81667	0.85336
0.553	0.47938	0.33883	0.81821	0.85383
0.554	0.48005	0.33970	0.81975	0.85430
0.555	0.48073	0.34057	0.82130	0.85477
0.556	0.48140	0.34143	0.82283	0.85524
0.557	0.48207	0.34230	0.82437	0.85570
0.558	0.48274	0.34316	0.82591	0.85616
0.559	0.48341	0.34403	0.82744	0.85662
0.560	0.48408	0.34489	0.82897	0.85708
0.561	0.48474	0.34576	0.83050	0.85754
0.562	0.48541	0.34662	0.83203	0.85799
0.563	0.48607	0.34749	0.83355	0.85844
0.564	0.48673	0.34835	0.83508	0.85889
0.565	0.48739	0.34921	0.83660	0.85934
0.566	0.48805	0.35007	0.83812	0.85978
0.567	0.48870	0.35094	0.83964	0.86023
0.568	0.48936	0.35180	0.84115	0.86067
0.569	0.49001	0.35266	0.84267	0.86111
0.570	0.49066	0.35352	0.84418	0.86155
0.571	0.49131	0.35438	0.84569	0.86198
0.572	0.49196	0.35524	0.84720	0.86241
0.573	0.49261	0.35610	0.84871	0.86285
0.574	0.49325	0.35696	0.85021	0.86328
0.575	0.49390	0.35782	0.85172	0.86370
0.576	0.49454	0.35868	0.85322	0.86413
0.577	0.49518	0.35954	0.85472	0.86455
0.578	0.49582	0.36039	0.85621	0.86497
0.579	0.49646	0.36125	0.85771	0.86539
0.580	0.49709	0.36211	0.85920	0.86581
0.581	0.49773	0.36297	0.86069	0.86623
0.582	0.49836	0.36382	0.86218	0.86664
0.583	0.49899	0.36468	0.86367	0.86706
0.584	0.49962	0.36553	0.86515	0.86747
0.585	0.50025	0.36639	0.86664	0.86787
0.586	0.50088	0.36724	0.86813	0.86828
0.587	0.50151	0.36810	0.86961	0.86869
0.588	0.50213	0.36895	0.87109	0.86909
0.589	0.50276	0.36981	0.87256	0.86949
0.590	0.50338	0.37066	0.87404	0.86989
0.591	0.50400	0.37151	0.87551	0.87029
0.592	0.50462	0.37237	0.87698	0.87069
0.593	0.50523	0.37322	0.87845	0.87108
0.594	0.50585	0.37407	0.87992	0.87147
0.595	0.50647	0.37492	0.88139	0.87186
0.596	0.50708	0.37577	0.88285	0.87225
0.597	0.50769	0.37662	0.88431	0.87264
0.598	0.50830	0.37747	0.88577	0.87303
0.599	0.50891	0.37832	0.88723	0.87341
0.600	0.50952	0.37917	0.88869	0.87379

T / THETA	E(T)	A(T)	S(T)	CV(T)
0.601	0.51013	0.38002	0.89015	0.87418
0.602	0.51073	0.38087	0.89160	0.87455
0.603	0.51133	0.38172	0.89305	0.87493
0.604	0.51194	0.38257	0.89450	0.87531
0.605	0.51254	0.38341	0.89595	0.87568
0.606	0.51314	0.38426	0.89740	0.87606
0.607	0.51373	0.38511	0.89884	0.87643
0.608	0.51433	0.38595	0.90028	0.87680
0.609	0.51493	0.38680	0.90173	0.87716
0.610	0.51552	0.38764	0.90317	0.87753
0.611	0.51611	0.38849	0.90460	0.87789
0.612	0.51671	0.38933	0.90604	0.87826
0.613	0.51730	0.39018	0.90747	0.87862
0.614	0.51788	0.39102	0.90891	0.87898
0.615	0.51847	0.39186	0.91034	0.87934
0.616	0.51906	0.39271	0.91177	0.87970
0.617	0.51964	0.39355	0.91319	0.88005
0.618	0.52023	0.39439	0.91462	0.88040
0.619	0.52081	0.39523	0.91604	0.88076
0.620	0.52139	0.39607	0.91746	0.88111
0.621	0.52197	0.39692	0.91888	0.88146
0.622	0.52255	0.39776	0.92030	0.88181
0.623	0.52312	0.39860	0.92172	0.88215
0.624	0.52370	0.39944	0.92313	0.88250
0.625	0.52427	0.40027	0.92455	0.88284
0.626	0.52485	0.40111	0.92596	0.88318
0.627	0.52542	0.40195	0.92737	0.88352
0.628	0.52599	0.40279	0.92878	0.88386
0.629	0.52656	0.40363	0.93018	0.88420
0.630	0.52713	0.40446	0.93159	0.88454
0.631	0.52769	0.40530	0.93299	0.88487
0.632	0.52826	0.40614	0.93439	0.88520
0.633	0.52882	0.40697	0.93579	0.88554
0.634	0.52939	0.40781	0.93719	0.88587
0.635	0.52995	0.40864	0.93859	0.88620
0.636	0.53051	0.40948	0.93998	0.88652
0.637	0.53107	0.41031	0.94138	0.88685
0.638	0.53162	0.41114	0.94277	0.88718
0.639	0.53218	0.41198	0.94416	0.88750
0.640	0.53274	0.41281	0.94555	0.88782
0.641	0.53329	0.41364	0.94693	0.88814
0.642	0.53384	0.41447	0.94832	0.88846
0.643	0.53440	0.41530	0.94970	0.88878
0.644	0.53495	0.41613	0.95108	0.88910
0.645	0.53550	0.41697	0.95246	0.88942
0.646	0.53604	0.41780	0.95384	0.88973
0.647	0.53659	0.41862	0.95522	0.89004
0.648	0.53714	0.41945	0.95659	0.89035
0.649	0.53768	0.42028	0.95796	0.89067
0.650	0.53822	0.42111	0.95933	0.89097

T / THETA	E(T)	A(T)	S(T)	CV(T)
0.651	0.53877	0.42194	0.96070	0.89128
0.652	0.53931	0.42277	0.96207	0.89159
0.653	0.53985	0.42359	0.96344	0.89190
0.654	0.54039	0.42442	0.96480	0.89220
0.655	0.54092	0.42525	0.96617	0.89250
0.656	0.54146	0.42607	0.96753	0.89280
0.657	0.54199	0.42690	0.96889	0.89311
0.658	0.54253	0.42772	0.97025	0.89340
0.659	0.54306	0.42855	0.97161	0.89370
0.660	0.54359	0.42937	0.97296	0.89400
0.661	0.54412	0.43019	0.97431	0.89430
0.662	0.54465	0.43102	0.97567	0.89459
0.663	0.54518	0.43184	0.97702	0.89488
0.664	0.54571	0.43266	0.97837	0.89518
0.665	0.54623	0.43348	0.97971	0.89547
0.666	0.54676	0.43430	0.98106	0.89576
0.667	0.54728	0.43512	0.98240	0.89605
0.668	0.54780	0.43594	0.98375	0.89633
0.669	0.54832	0.43676	0.98509	0.89662
0.670	0.54884	0.43758	0.98643	0.89690
0.671	0.54936	0.43840	0.98776	0.89719
0.672	0.54988	0.43922	0.98910	0.89747
0.673	0.55040	0.44004	0.99044	0.89775
0.674	0.55091	0.44086	0.99177	0.89803
0.675	0.55143	0.44167	0.99310	0.89831
0.676	0.55194	0.44249	0.99443	0.89859
0.677	0.55245	0.44331	0.99576	0.89887
0.678	0.55296	0.44412	0.99709	0.89914
0.679	0.55347	0.44494	0.99841	0.89942
0.680	0.55398	0.44575	0.99973	0.89969
0.681	0.55449	0.44657	1.00106	0.89997
0.682	0.55500	0.44738	1.00238	0.90024
0.683	0.55550	0.44819	1.00370	0.90051
0.684	0.55601	0.44901	1.00501	0.90078
0.685	0.55651	0.44982	1.00633	0.90105
0.686	0.55701	0.45063	1.00765	0.90132
0.687	0.55751	0.45144	1.00896	0.90158
0.688	0.55802	0.45226	1.01027	0.90185
0.689	0.55851	0.45307	1.01158	0.90211
0.690	0.55901	0.45388	1.01289	0.90237
0.691	0.55951	0.45469	1.01420	0.90264
0.692	0.56001	0.45550	1.01550	0.90290
0.693	0.56050	0.45630	1.01681	0.90316
0.694	0.56099	0.45711	1.01811	0.90342
0.695	0.56149	0.45792	1.01941	0.90368
0.696	0.56198	0.45873	1.02071	0.90393
0.697	0.56247	0.45954	1.02201	0.90419
0.698	0.56296	0.46034	1.02330	0.90444
0.699	0.56345	0.46115	1.02460	0.90470
0.700	0.56394	0.46195	1.02589	0.90495

T / THETA	E(T)	A(T)	S(T)	CV(T)
0.701	0.56442	0.46276	1.02718	0.90520
0.702	0.56491	0.46357	1.02847	0.90546
0.703	0.56539	0.46437	1.02976	0.90571
0.704	0.56588	0.46517	1.03105	0.90596
0.705	0.56636	0.46598	1.03234	0.90620
0.706	0.56684	0.46678	1.03362	0.90645
0.707	0.56732	0.46758	1.03490	0.90670
0.708	0.56780	0.46839	1.03619	0.90694
0.709	0.56828	0.46919	1.03747	0.90719
0.710	0.56876	0.46999	1.03875	0.90743
0.711	0.56923	0.47079	1.04002	0.90767
0.712	0.56971	0.47159	1.04130	0.90792
0.713	0.57018	0.47239	1.04257	0.90816
0.714	0.57066	0.47319	1.04385	0.90840
0.715	0.57113	0.47399	1.04512	0.90864
0.716	0.57160	0.47479	1.04639	0.90887
0.717	0.57207	0.47559	1.04766	0.90911
0.718	0.57254	0.47638	1.04892	0.90935
0.719	0.57301	0.47718	1.05019	0.90958
0.720	0.57348	0.47798	1.05145	0.90982
0.721	0.57394	0.47877	1.05272	0.91005
0.722	0.57441	0.47957	1.05398	0.91028
0.723	0.57487	0.48036	1.05524	0.91052
0.724	0.57534	0.48116	1.05650	0.91075
0.725	0.57580	0.48195	1.05775	0.91098
0.726	0.57626	0.48275	1.05901	0.91121
0.727	0.57672	0.48354	1.06026	0.91143
0.728	0.57718	0.48433	1.06152	0.91166
0.729	0.57764	0.48513	1.06277	0.91189
0.730	0.57810	0.48592	1.06402	0.91211
0.731	0.57856	0.48671	1.06527	0.91234
0.732	0.57901	0.48750	1.06652	0.91256
0.733	0.57947	0.48829	1.06776	0.91279
0.734	0.57992	0.48908	1.06901	0.91301
0.735	0.58038	0.48987	1.07025	0.91323
0.736	0.58083	0.49066	1.07149	0.91345
0.737	0.58128	0.49145	1.07273	0.91367
0.738	0.58173	0.49224	1.07397	0.91389
0.739	0.58218	0.49303	1.07521	0.91411
0.740	0.58263	0.49381	1.07644	0.91433
0.741	0.58308	0.49460	1.07768	0.91454
0.742	0.58352	0.49539	1.07891	0.91476
0.743	0.58397	0.49617	1.08014	0.91497
0.744	0.58441	0.49696	1.08138	0.91519
0.745	0.58486	0.49775	1.08260	0.91540
0.746	0.58530	0.49853	1.08383	0.91562
0.747	0.58574	0.49932	1.08506	0.91583
0.748	0.58619	0.50010	1.08629	0.91604
0.749	0.58663	0.50088	1.08751	0.91625
0.750	0.58707	0.50167	1.08873	0.91646

T / THETA	E(T)	A(T)	S(T)	CV(T)
0.751	0.58750	0.50245	1.08995	0.91667
0.752	0.58794	0.50323	1.09117	0.91688
0.753	0.58838	0.50401	1.09239	0.91708
0.754	0.58882	0.50479	1.09361	0.91729
0.755	0.58925	0.50557	1.09482	0.91750
0.756	0.58969	0.50635	1.09604	0.91770
0.757	0.59012	0.50713	1.09725	0.91790
0.758	0.59055	0.50791	1.09846	0.91811
0.759	0.59098	0.50869	1.09967	0.91831
0.760	0.59141	0.50947	1.10088	0.91851
0.761	0.59184	0.51025	1.10209	0.91871
0.762	0.59227	0.51103	1.10330	0.91892
0.763	0.59270	0.51180	1.10450	0.91912
0.764	0.59313	0.51258	1.10571	0.91931
0.765	0.59356	0.51336	1.10691	0.91951
0.766	0.59398	0.51413	1.10811	0.91971
0.767	0.59441	0.51491	1.10931	0.91991
0.768	0.59483	0.51568	1.11051	0.92010
0.769	0.59525	0.51646	1.11171	0.92030
0.770	0.59567	0.51723	1.11290	0.92049
0.771	0.59610	0.51800	1.11410	0.92069
0.772	0.59652	0.51878	1.11529	0.92088
0.773	0.59694	0.51955	1.11648	0.92108
0.774	0.59736	0.52032	1.11768	0.92127
0.775	0.59777	0.52109	1.11886	0.92146
0.776	0.59819	0.52186	1.12005	0.92165
0.777	0.59861	0.52263	1.12124	0.92184
0.778	0.59902	0.52340	1.12243	0.92203
0.779	0.59944	0.52417	1.12361	0.92222
0.780	0.59985	0.52494	1.12479	0.92241
0.781	0.60026	0.52571	1.12598	0.92259
0.782	0.60068	0.52648	1.12716	0.92278
0.783	0.60109	0.52725	1.12834	0.92297
0.784	0.60150	0.52801	1.12951	0.92315
0.785	0.60191	0.52878	1.13069	0.92334
0.786	0.60232	0.52955	1.13187	0.92352
0.787	0.60273	0.53031	1.13304	0.92370
0.788	0.60313	0.53108	1.13421	0.92389
0.789	0.60354	0.53184	1.13539	0.92407
0.790	0.60395	0.53261	1.13656	0.92425
0.791	0.60435	0.53337	1.13773	0.92443
0.792	0.60476	0.53414	1.13889	0.92461
0.793	0.60516	0.53490	1.14006	0.92479
0.794	0.60556	0.53566	1.14123	0.92497
0.795	0.60596	0.53643	1.14239	0.92515
0.796	0.60636	0.53719	1.14355	0.92533
0.797	0.60677	0.53795	1.14472	0.92550
0.798	0.60716	0.53871	1.14588	0.92568
0.799	0.60756	0.53947	1.14704	0.92586
0.800	0.60796	0.54023	1.14819	0.92603

T / THETA	E(T)	A(T)	S(T)	CV(T)
0.801	0.60836	0.54099	1.14935	0.92621
0.802	0.60875	0.54175	1.15051	0.92638
0.803	0.60915	0.54251	1.15166	0.92655
0.804	0.60955	0.54327	1.15281	0.92673
0.805	0.60994	0.54403	1.15397	0.92690
0.806	0.61033	0.54478	1.15512	0.92707
0.807	0.61073	0.54554	1.15627	0.92724
0.808	0.61112	0.54630	1.15741	0.92741
0.809	0.61151	0.54705	1.15856	0.92758
0.810	0.61190	0.54781	1.15971	0.92775
0.811	0.61229	0.54856	1.16085	0.92792
0.812	0.61268	0.54932	1.16200	0.92809
0.813	0.61307	0.55007	1.16314	0.92826
0.814	0.61345	0.55083	1.16428	0.92842
0.815	0.61384	0.55158	1.16542	0.92859
0.816	0.61422	0.55233	1.16656	0.92876
0.817	0.61461	0.55309	1.16770	0.92892
0.818	0.61499	0.55384	1.16883	0.92909
0.819	0.61538	0.55459	1.16997	0.92925
0.820	0.61576	0.55534	1.17110	0.92941
0.821	0.61614	0.55609	1.17223	0.92958
0.822	0.61652	0.55684	1.17337	0.92974
0.823	0.61691	0.55759	1.17450	0.92990
0.824	0.61728	0.55834	1.17563	0.93006
0.825	0.61766	0.55909	1.17675	0.93022
0.826	0.61804	0.55984	1.17788	0.93038
0.827	0.61842	0.56059	1.17901	0.93054
0.828	0.61880	0.56133	1.18013	0.93070
0.829	0.61917	0.56208	1.18125	0.93086
0.830	0.61955	0.56283	1.18238	0.93102
0.831	0.61992	0.56357	1.18350	0.93118
0.832	0.62030	0.56432	1.18462	0.93133
0.833	0.62067	0.56506	1.18574	0.93149
0.834	0.62104	0.56581	1.18685	0.93165
0.835	0.62142	0.56655	1.18797	0.93180
0.836	0.62179	0.56730	1.18909	0.93196
0.837	0.62216	0.56804	1.19020	0.93211
0.838	0.62253	0.56878	1.19131	0.93227
0.839	0.62290	0.56953	1.19243	0.93242
0.840	0.62327	0.57027	1.19354	0.93257
0.841	0.62363	0.57101	1.19465	0.93272
0.842	0.62400	0.57175	1.19575	0.93288
0.843	0.62437	0.57249	1.19686	0.93303
0.844	0.62473	0.57323	1.19797	0.93318
0.845	0.62510	0.57397	1.19907	0.93333
0.846	0.62546	0.57471	1.20018	0.93348
0.847	0.62583	0.57545	1.20128	0.93363
0.848	0.62619	0.57619	1.20238	0.93378
0.849	0.62655	0.57693	1.20348	0.93393
0.850	0.62691	0.57767	1.20458	0.93407

T / THETA	E(T)	A(T)	S(T)	CV(T)
0.851	0.62728	0.57840	1.20568	0.93422
0.852	0.62764	0.57914	1.20678	0.93437
0.853	0.62800	0.57988	1.20787	0.93452
0.854	0.62835	0.58061	1.20897	0.93466
0.855	0.62871	0.58135	1.21006	0.93481
0.856	0.62907	0.58208	1.21115	0.93495
0.857	0.62943	0.58282	1.21225	0.93510
0.858	0.62978	0.58355	1.21334	0.93524
0.859	0.63014	0.58429	1.21443	0.93538
0.860	0.63049	0.58502	1.21552	0.93553
0.861	0.63085	0.58575	1.21660	0.93567
0.862	0.63120	0.58649	1.21769	0.93581
0.863	0.63156	0.58722	1.21877	0.93595
0.864	0.63191	0.58795	1.21986	0.93610
0.865	0.63226	0.58868	1.22094	0.93624
0.866	0.63261	0.58941	1.22202	0.93638
0.867	0.63296	0.59014	1.22310	0.93652
0.868	0.63331	0.59087	1.22418	0.93666
0.869	0.63366	0.59160	1.22526	0.93680
0.870	0.63401	0.59233	1.22634	0.93693
0.871	0.63436	0.59306	1.22742	0.93707
0.872	0.63470	0.59379	1.22849	0.93721
0.873	0.63505	0.59451	1.22956	0.93735
0.874	0.63540	0.59524	1.23064	0.93748
0.875	0.63574	0.59597	1.23171	0.93762
0.876	0.63609	0.59669	1.23278	0.93776
0.877	0.63643	0.59742	1.23385	0.93789
0.878	0.63677	0.59815	1.23492	0.93803
0.879	0.63712	0.59887	1.23599	0.93816
0.880	0.63746	0.59960	1.23705	0.93830
0.881	0.63780	0.60032	1.23812	0.93843
0.882	0.63814	0.60104	1.23918	0.93856
0.883	0.63848	0.60177	1.24025	0.93870
0.884	0.63882	0.60249	1.24131	0.93883
0.885	0.63916	0.60321	1.24237	0.93896
0.886	0.63950	0.60393	1.24343	0.93909
0.887	0.63984	0.60466	1.24449	0.93922
0.888	0.64017	0.60538	1.24555	0.93935
0.889	0.64051	0.60610	1.24661	0.93948
0.890	0.64085	0.60682	1.24766	0.93961
0.891	0.64118	0.60754	1.24872	0.93974
0.892	0.64152	0.60826	1.24977	0.93987
0.893	0.64185	0.60898	1.25083	0.94000
0.894	0.64218	0.60969	1.25188	0.94013
0.895	0.64252	0.61041	1.25293	0.94026
0.896	0.64285	0.61113	1.25398	0.94039
0.897	0.64318	0.61185	1.25503	0.94051
0.898	0.64351	0.61256	1.25608	0.94064
0.899	0.64384	0.61328	1.25712	0.94077
0.900	0.64417	0.61400	1.25817	0.94089

T / THETA	E(T)	A(T)	S(T)	CV(T)
0.901	0.64450	0.61471	1.25921	0.94102
0.902	0.64483	0.61543	1.26026	0.94114
0.903	0.64516	0.61614	1.26130	0.94127
0.904	0.64549	0.61686	1.26234	0.94139
0.905	0.64581	0.61757	1.26338	0.94152
0.906	0.64614	0.61828	1.26442	0.94164
0.907	0.64647	0.61900	1.26546	0.94176
0.908	0.64679	0.61971	1.26650	0.94188
0.909	0.64712	0.62042	1.26754	0.94201
0.910	0.64744	0.62113	1.26857	0.94213
0.911	0.64776	0.62184	1.26961	0.94225
0.912	0.64809	0.62255	1.27064	0.94237
0.913	0.64841	0.62327	1.27167	0.94249
0.914	0.64873	0.62398	1.27271	0.94261
0.915	0.64905	0.62468	1.27374	0.94273
0.916	0.64937	0.62539	1.27477	0.94285
0.917	0.64969	0.62610	1.27580	0.94297
0.918	0.65001	0.62681	1.27682	0.94309
0.919	0.65033	0.62752	1.27785	0.94321
0.920	0.65065	0.62823	1.27888	0.94333
0.921	0.65097	0.62893	1.27990	0.94345
0.922	0.65129	0.62964	1.28093	0.94356
0.923	0.65160	0.63035	1.28195	0.94368
0.924	0.65192	0.63105	1.28297	0.94380
0.925	0.65223	0.63176	1.28399	0.94392
0.926	0.65255	0.63246	1.28501	0.94403
0.927	0.65286	0.63317	1.28603	0.94415
0.928	0.65318	0.63387	1.28705	0.94426
0.929	0.65349	0.63457	1.28807	0.94438
0.930	0.65380	0.63528	1.28908	0.94449
0.931	0.65412	0.63598	1.29010	0.94461
0.932	0.65443	0.63668	1.29111	0.94472
0.933	0.65474	0.63733	1.29212	0.94483
0.934	0.65505	0.63809	1.29314	0.94495
0.935	0.65536	0.63879	1.29415	0.94506
0.936	0.65567	0.63949	1.29516	0.94517
0.937	0.65598	0.64019	1.29617	0.94529
0.938	0.65629	0.64089	1.29718	0.94540
0.939	0.65660	0.64159	1.29818	0.94551
0.940	0.65690	0.64229	1.29919	0.94562
0.941	0.65721	0.64299	1.30019	0.94573
0.942	0.65752	0.64368	1.30120	0.94584
0.943	0.65782	0.64438	1.30220	0.94595
0.944	0.65813	0.64508	1.30321	0.94606
0.945	0.65843	0.64578	1.30421	0.94617
0.946	0.65874	0.64647	1.30521	0.94628
0.947	0.65904	0.64717	1.30621	0.94639
0.948	0.65934	0.64786	1.30721	0.94650
0.949	0.65965	0.64856	1.30820	0.94661
0.950	0.65995	0.64925	1.30920	0.94672

T / THETA	E(T)	A(T)	S(T)	CV(T)
0.951	0.66025	0.64995	1.31020	0.94682
0.952	0.66055	0.65064	1.31119	0.94693
0.953	0.66085	0.65134	1.31219	0.94704
0.954	0.66115	0.65203	1.31318	0.94715
0.955	0.66145	0.65272	1.31417	0.94725
0.956	0.66175	0.65341	1.31516	0.94736
0.957	0.66205	0.65411	1.31615	0.94746
0.958	0.66235	0.65480	1.31714	0.94757
0.959	0.66264	0.65549	1.31813	0.94767
0.960	0.66294	0.65618	1.31912	0.94778
0.961	0.66324	0.65687	1.32011	0.94788
0.962	0.66353	0.65756	1.32109	0.94799
0.963	0.66383	0.65825	1.32208	0.94809
0.964	0.66412	0.65894	1.32306	0.94820
0.965	0.66442	0.65963	1.32405	0.94830
0.966	0.66471	0.66032	1.32503	0.94840
0.967	0.66500	0.66100	1.32601	0.94850
0.968	0.66530	0.66169	1.32699	0.94861
0.969	0.66559	0.66238	1.32797	0.94871
0.970	0.66588	0.66307	1.32895	0.94881
0.971	0.66617	0.66375	1.32992	0.94891
0.972	0.66646	0.66444	1.33090	0.94901
0.973	0.66675	0.66512	1.33188	0.94911
0.974	0.66704	0.66581	1.33285	0.94921
0.975	0.66733	0.66649	1.33383	0.94931
0.976	0.66762	0.66718	1.33480	0.94941
0.977	0.66791	0.66786	1.33577	0.94951
0.978	0.66820	0.66854	1.33674	0.94961
0.979	0.66849	0.66923	1.33771	0.94971
0.980	0.66877	0.66991	1.33868	0.94981
0.981	0.66906	0.67059	1.33965	0.94991
0.982	0.66935	0.67127	1.34062	0.95001
0.983	0.66963	0.67196	1.34159	0.95011
0.984	0.66992	0.67264	1.34255	0.95020
0.985	0.67020	0.67332	1.34352	0.95030
0.986	0.67049	0.67400	1.34448	0.95040
0.987	0.67077	0.67468	1.34545	0.95050
0.988	0.67105	0.67536	1.34641	0.95059
0.989	0.67134	0.67604	1.34737	0.95069
0.990	0.67162	0.67671	1.34833	0.95079
0.991	0.67190	0.67739	1.34929	0.95088
0.992	0.67218	0.67807	1.35025	0.95098
0.993	0.67246	0.67875	1.35121	0.95107
0.994	0.67274	0.67942	1.35217	0.95117
0.995	0.67302	0.68010	1.35312	0.95126
0.996	0.67330	0.68078	1.35408	0.95136
0.997	0.67358	0.68145	1.35503	0.95145
0.998	0.67386	0.68213	1.35599	0.95154
0.999	0.67414	0.68280	1.35694	0.95164
1.000	0.67441	0.68348	1.35789	0.95173

T / THETA	E(T)	A(T)	S(T)	CV(T)
1.001	0.67469	0.68415	1.35884	0.95182
1.002	0.67497	0.68483	1.35979	0.95192
1.003	0.67524	0.68550	1.36074	0.95201
1.004	0.67552	0.68617	1.36169	0.95210
1.005	0.67580	0.68685	1.36264	0.95219
1.006	0.67607	0.68752	1.36359	0.95228
1.007	0.67634	0.68819	1.36453	0.95238
1.008	0.67662	0.68886	1.36548	0.95247
1.009	0.67689	0.68953	1.36642	0.95256
1.010	0.67716	0.69020	1.36737	0.95265
1.011	0.67744	0.69087	1.36831	0.95274
1.012	0.67771	0.69154	1.36925	0.95283
1.013	0.67798	0.69221	1.37019	0.95292
1.014	0.67825	0.69288	1.37113	0.95301
1.015	0.67852	0.69355	1.37207	0.95310
1.016	0.67879	0.69422	1.37301	0.95319
1.017	0.67906	0.69489	1.37395	0.95328
1.018	0.67933	0.69555	1.37489	0.95337
1.019	0.67960	0.69622	1.37582	0.95345
1.020	0.67987	0.69689	1.37676	0.95354
1.021	0.68014	0.69755	1.37769	0.95363
1.022	0.68041	0.69822	1.37862	0.95372
1.023	0.68067	0.69888	1.37956	0.95380
1.024	0.68094	0.69955	1.38049	0.95389
1.025	0.68121	0.70021	1.38142	0.95398
1.026	0.68147	0.70088	1.38235	0.95407
1.027	0.68174	0.70154	1.38328	0.95415
1.028	0.68200	0.70221	1.38421	0.95424
1.029	0.68227	0.70287	1.38514	0.95432
1.030	0.68253	0.70353	1.38606	0.95441
1.031	0.68279	0.70420	1.38699	0.95450
1.032	0.68306	0.70486	1.38792	0.95458
1.033	0.68332	0.70552	1.38884	0.95467
1.034	0.68358	0.70618	1.38976	0.95475
1.035	0.68385	0.70684	1.39069	0.95484
1.036	0.68411	0.70750	1.39161	0.95492
1.037	0.68437	0.70816	1.39253	0.95500
1.038	0.68463	0.70882	1.39345	0.95509
1.039	0.68489	0.70948	1.39437	0.95517
1.040	0.68515	0.71014	1.39529	0.95525
1.041	0.68541	0.71080	1.39621	0.95534
1.042	0.68567	0.71146	1.39712	0.95542
1.043	0.68593	0.71211	1.39804	0.95550
1.044	0.68618	0.71277	1.39896	0.95559
1.045	0.68644	0.71343	1.39987	0.95567
1.046	0.68670	0.71409	1.40079	0.95575
1.047	0.68696	0.71474	1.40170	0.95583
1.048	0.68721	0.71540	1.40261	0.95591
1.049	0.68747	0.71605	1.40352	0.95599
1.050	0.68773	0.71671	1.40443	0.95608

T / THETA	E(T)	A(T)	S(T)	CV(T)
1.051	0.68798	0.71736	1.40534	0.95616
1.052	0.68824	0.71802	1.40625	0.95624
1.053	0.68849	0.71867	1.40716	0.95632
1.054	0.68874	0.71933	1.40807	0.95640
1.055	0.68900	0.71998	1.40898	0.95648
1.056	0.68925	0.72063	1.40988	0.95656
1.057	0.68950	0.72128	1.41079	0.95664
1.058	0.68976	0.72194	1.41169	0.95672
1.059	0.69001	0.72259	1.41260	0.95680
1.060	0.69026	0.72324	1.41350	0.95687
1.061	0.69051	0.72389	1.41440	0.95695
1.062	0.69076	0.72454	1.41530	0.95703
1.063	0.69101	0.72519	1.41621	0.95711
1.064	0.69126	0.72584	1.41711	0.95719
1.065	0.69151	0.72649	1.41800	0.95727
1.066	0.69176	0.72714	1.41890	0.95734
1.067	0.69201	0.72779	1.41980	0.95742
1.068	0.69226	0.72844	1.42070	0.95750
1.069	0.69251	0.72909	1.42159	0.95758
1.070	0.69276	0.72973	1.42249	0.95765
1.071	0.69300	0.73038	1.42338	0.95773
1.072	0.69325	0.73103	1.42428	0.95781
1.073	0.69350	0.73167	1.42517	0.95788
1.074	0.69374	0.73232	1.42606	0.95796
1.075	0.69399	0.73297	1.42695	0.95803
1.076	0.69423	0.73361	1.42785	0.95811
1.077	0.69448	0.73426	1.42874	0.95818
1.078	0.69472	0.73490	1.42962	0.95826
1.079	0.69497	0.73554	1.43051	0.95833
1.080	0.69521	0.73619	1.43140	0.95841
1.081	0.69546	0.73683	1.43229	0.95848
1.082	0.69570	0.73748	1.43317	0.95856
1.083	0.69594	0.73812	1.43406	0.95863
1.084	0.69618	0.73876	1.43494	0.95871
1.085	0.69643	0.73940	1.43583	0.95878
1.086	0.69667	0.74004	1.43671	0.95885
1.087	0.69691	0.74069	1.43759	0.95893
1.088	0.69715	0.74133	1.43848	0.95900
1.089	0.69739	0.74197	1.43936	0.95907
1.090	0.69763	0.74261	1.44024	0.95915
1.091	0.69787	0.74325	1.44112	0.95922
1.092	0.69811	0.74389	1.44200	0.95929
1.093	0.69835	0.74453	1.44287	0.95936
1.094	0.69859	0.74516	1.44375	0.95944
1.095	0.69883	0.74580	1.44463	0.95951
1.096	0.69906	0.74644	1.44550	0.95958
1.097	0.69930	0.74708	1.44638	0.95965
1.098	0.69954	0.74772	1.44725	0.95972
1.099	0.69977	0.74835	1.44813	0.95979
1.100	0.70001	0.74899	1.44900	0.95987

T / THETA	E(T)	A(T)	S(T)	CV(T)
1.101	0.70025	0.74963	1.44987	0.95994
1.102	0.70048	0.75026	1.45074	0.96001
1.103	0.70072	0.75090	1.45161	0.96008
1.104	0.70095	0.75153	1.45248	0.96015
1.105	0.70119	0.75217	1.45335	0.96022
1.106	0.70142	0.75280	1.45422	0.96029
1.107	0.70166	0.75343	1.45509	0.96036
1.108	0.70189	0.75407	1.45596	0.96043
1.109	0.70212	0.75470	1.45682	0.96050
1.110	0.70236	0.75533	1.45769	0.96056
1.111	0.70259	0.75597	1.45855	0.96063
1.112	0.70282	0.75660	1.45942	0.96070
1.113	0.70305	0.75723	1.46028	0.96077
1.114	0.70328	0.75786	1.46115	0.96084
1.115	0.70351	0.75849	1.46201	0.96091
1.116	0.70374	0.75912	1.46287	0.96098
1.117	0.70398	0.75975	1.46373	0.96104
1.118	0.70421	0.76038	1.46459	0.96111
1.119	0.70443	0.76101	1.46545	0.96118
1.120	0.70466	0.76164	1.46631	0.96125
1.121	0.70489	0.76227	1.46717	0.96131
1.122	0.70512	0.76290	1.46802	0.96138
1.123	0.70535	0.76353	1.46888	0.96145
1.124	0.70558	0.76416	1.46974	0.96151
1.125	0.70581	0.76479	1.47059	0.96158
1.126	0.70603	0.76541	1.47144	0.96165
1.127	0.70626	0.76604	1.47230	0.96171
1.128	0.70649	0.76667	1.47315	0.96178
1.129	0.70671	0.76729	1.47400	0.96184
1.130	0.70694	0.76792	1.47486	0.96191
1.131	0.70716	0.76854	1.47571	0.96198
1.132	0.70739	0.76917	1.47656	0.96204
1.133	0.70761	0.76979	1.47741	0.96211
1.134	0.70784	0.77042	1.47825	0.96217
1.135	0.70806	0.77104	1.47910	0.96224
1.136	0.70829	0.77167	1.47995	0.96230
1.137	0.70851	0.77229	1.48080	0.96236
1.138	0.70873	0.77291	1.48164	0.96243
1.139	0.70895	0.77353	1.48249	0.96249
1.140	0.70918	0.77416	1.48333	0.96256
1.141	0.70940	0.77478	1.48418	0.96262
1.142	0.70962	0.77540	1.48502	0.96268
1.143	0.70984	0.77602	1.48586	0.96275
1.144	0.71006	0.77664	1.48671	0.96281
1.145	0.71028	0.77726	1.48755	0.96287
1.146	0.71050	0.77788	1.48839	0.96294
1.147	0.71072	0.77850	1.48923	0.96300
1.148	0.71094	0.77912	1.49007	0.96306
1.149	0.71116	0.77974	1.49090	0.96313
1.150	0.71138	0.78036	1.49174	0.96319

T / THETA	E(T)	A(T)	S(T)	CV(T)
1.151	0.71160	0.78098	1.49258	0.96325
1.152	0.71182	0.78160	1.49342	0.96331
1.153	0.71204	0.78221	1.49425	0.96337
1.154	0.71226	0.78283	1.49509	0.96344
1.155	0.71247	0.78345	1.49592	0.96350
1.156	0.71269	0.78406	1.49676	0.96356
1.157	0.71291	0.78468	1.49759	0.96362
1.158	0.71312	0.78530	1.49842	0.96368
1.159	0.71334	0.78591	1.49925	0.96374
1.160	0.71356	0.78653	1.50008	0.96380
1.161	0.71377	0.78714	1.50091	0.96386
1.162	0.71399	0.78776	1.50174	0.96393
1.163	0.71420	0.78837	1.50257	0.96399
1.164	0.71442	0.78899	1.50340	0.96405
1.165	0.71463	0.78960	1.50423	0.96411
1.166	0.71485	0.79021	1.50506	0.96417
1.167	0.71506	0.79083	1.50588	0.96423
1.168	0.71527	0.79144	1.50671	0.96429
1.169	0.71549	0.79205	1.50754	0.96434
1.170	0.71570	0.79266	1.50836	0.96440
1.171	0.71591	0.79327	1.50918	0.96446
1.172	0.71612	0.79388	1.51001	0.96452
1.173	0.71633	0.79450	1.51083	0.96458
1.174	0.71655	0.79511	1.51165	0.96464
1.175	0.71676	0.79572	1.51247	0.96470
1.176	0.71697	0.79633	1.51329	0.96476
1.177	0.71718	0.79694	1.51411	0.96482
1.178	0.71739	0.79754	1.51493	0.96487
1.179	0.71760	0.79815	1.51575	0.96493
1.180	0.71781	0.79876	1.51657	0.96499
1.181	0.71802	0.79937	1.51739	0.96505
1.182	0.71823	0.79998	1.51820	0.96511
1.183	0.71844	0.80059	1.51902	0.96516
1.184	0.71864	0.80119	1.51984	0.96522
1.185	0.71885	0.80180	1.52065	0.96528
1.186	0.71906	0.80241	1.52147	0.96533
1.187	0.71927	0.80301	1.52228	0.96539
1.188	0.71947	0.80362	1.52309	0.96545
1.189	0.71968	0.80422	1.52390	0.96550
1.190	0.71989	0.80483	1.52472	0.96556
1.191	0.72009	0.80543	1.52553	0.96562
1.192	0.72030	0.80604	1.52634	0.96567
1.193	0.72051	0.80664	1.52715	0.96573
1.194	0.72071	0.80725	1.52796	0.96579
1.195	0.72092	0.80785	1.52877	0.96584
1.196	0.72112	0.80845	1.52957	0.96590
1.197	0.72133	0.80905	1.53038	0.96595
1.198	0.72153	0.80966	1.53119	0.96601
1.199	0.72173	0.81026	1.53199	0.96606
1.200	0.72194	0.81086	1.53280	0.96612

T / THETA	E(T)	A(T)	S(T)	CV(T)
1.201	0.72214	0.81146	1.53360	0.96617
1.202	0.72234	0.81206	1.53441	0.96623
1.203	0.72255	0.81266	1.53521	0.96628
1.204	0.72275	0.81326	1.53601	0.96634
1.205	0.72295	0.81387	1.53682	0.96639
1.206	0.72315	0.81446	1.53762	0.96645
1.207	0.72335	0.81506	1.53842	0.96650
1.208	0.72356	0.81566	1.53922	0.96656
1.209	0.72376	0.81626	1.54002	0.96661
1.210	0.72396	0.81686	1.54082	0.96666
1.211	0.72416	0.81746	1.54162	0.96672
1.212	0.72436	0.81806	1.54241	0.96677
1.213	0.72456	0.81865	1.54321	0.96682
1.214	0.72476	0.81925	1.54401	0.96688
1.215	0.72496	0.81985	1.54480	0.96693
1.216	0.72516	0.82044	1.54560	0.96698
1.217	0.72535	0.82104	1.54640	0.96704
1.218	0.72555	0.82164	1.54719	0.96709
1.219	0.72575	0.82223	1.54798	0.96714
1.220	0.72595	0.82283	1.54878	0.96719
1.221	0.72615	0.82342	1.54957	0.96725
1.222	0.72634	0.82402	1.55036	0.96730
1.223	0.72654	0.82461	1.55115	0.96735
1.224	0.72674	0.82520	1.55194	0.96740
1.225	0.72693	0.82580	1.55273	0.96746
1.226	0.72713	0.82639	1.55352	0.96751
1.227	0.72733	0.82698	1.55431	0.96756
1.228	0.72752	0.82758	1.55510	0.96761
1.229	0.72772	0.82817	1.55589	0.96766
1.230	0.72791	0.82876	1.55667	0.96771
1.231	0.72811	0.82935	1.55746	0.96776
1.232	0.72830	0.82994	1.55825	0.96782
1.233	0.72850	0.83054	1.55903	0.96787
1.234	0.72869	0.83113	1.55982	0.96792
1.235	0.72888	0.83172	1.56060	0.96797
1.236	0.72908	0.83231	1.56138	0.96802
1.237	0.72927	0.83290	1.56217	0.96807
1.238	0.72946	0.83349	1.56295	0.96812
1.239	0.72966	0.83407	1.56373	0.96817
1.240	0.72985	0.83466	1.56451	0.96822
1.241	0.73004	0.83525	1.56529	0.96827
1.242	0.73023	0.83584	1.56607	0.96832
1.243	0.73042	0.83643	1.56685	0.96837
1.244	0.73062	0.83702	1.56763	0.96842
1.245	0.73081	0.83760	1.56841	0.96847
1.246	0.73100	0.83819	1.56919	0.96852
1.247	0.73119	0.83878	1.56996	0.96857
1.248	0.73138	0.83936	1.57074	0.96862
1.249	0.73157	0.83995	1.57152	0.96867
1.250	0.73176	0.84053	1.57229	0.96872

T / THETA	E(T)	A(T)	S(T)	CV(T)
1.251	0.73195	0.84112	1.57307	0.96876
1.252	0.73214	0.84170	1.57384	0.96881
1.253	0.73232	0.84229	1.57461	0.96886
1.254	0.73251	0.84287	1.57539	0.96891
1.255	0.73270	0.84346	1.57616	0.96896
1.256	0.73289	0.84404	1.57693	0.96901
1.257	0.73308	0.84462	1.57770	0.96905
1.258	0.73327	0.84521	1.57847	0.96910
1.259	0.73345	0.84579	1.57924	0.96915
1.260	0.73364	0.84637	1.58001	0.96920
1.261	0.73383	0.84695	1.58078	0.96925
1.262	0.73401	0.84754	1.58155	0.96929
1.263	0.73420	0.84812	1.58232	0.96934
1.264	0.73439	0.84870	1.58309	0.96939
1.265	0.73457	0.84928	1.58385	0.96944
1.266	0.73476	0.84986	1.58462	0.96948
1.267	0.73494	0.85044	1.58538	0.96953
1.268	0.73513	0.85102	1.58615	0.96958
1.269	0.73531	0.85160	1.58691	0.96962
1.270	0.73550	0.85218	1.58767	0.96967
1.271	0.73568	0.85276	1.58844	0.96972
1.272	0.73586	0.85334	1.58920	0.96976
1.273	0.73605	0.85391	1.58996	0.96981
1.274	0.73623	0.85449	1.59072	0.96986
1.275	0.73642	0.85507	1.59149	0.96990
1.276	0.73660	0.85565	1.59225	0.96995
1.277	0.73678	0.85622	1.59301	0.97000
1.278	0.73696	0.85680	1.59377	0.97004
1.279	0.73715	0.85738	1.59452	0.97009
1.280	0.73733	0.85795	1.59528	0.97013
1.281	0.73751	0.85853	1.59604	0.97018
1.282	0.73769	0.85911	1.59680	0.97022
1.283	0.73787	0.85968	1.59755	0.97027
1.284	0.73805	0.86026	1.59831	0.97032
1.285	0.73823	0.86083	1.59906	0.97036
1.286	0.73841	0.86140	1.59982	0.97041
1.287	0.73859	0.86198	1.60057	0.97045
1.288	0.73877	0.86255	1.60133	0.97050
1.289	0.73895	0.86313	1.60208	0.97054
1.290	0.73913	0.86370	1.60283	0.97058
1.291	0.73931	0.86427	1.60359	0.97063
1.292	0.73949	0.86484	1.60434	0.97067
1.293	0.73967	0.86542	1.60509	0.97072
1.294	0.73985	0.86599	1.60584	0.97076
1.295	0.74003	0.86656	1.60659	0.97081
1.296	0.74021	0.86713	1.60734	0.97085
1.297	0.74038	0.86770	1.60809	0.97089
1.298	0.74056	0.86827	1.60884	0.97094
1.299	0.74074	0.86884	1.60953	0.97098
1.300	0.74092	0.86941	1.61033	0.97103

T / THETA	E(T)	A(T)	S(T)	CV(T)
1.301	0.74109	0.86998	1.61108	0.97107
1.302	0.74127	0.87055	1.61182	0.97111
1.303	0.74145	0.87112	1.61257	0.97116
1.304	0.74162	0.87169	1.61331	0.97120
1.305	0.74180	0.87226	1.61406	0.97124
1.306	0.74197	0.87283	1.61480	0.97129
1.307	0.74215	0.87340	1.61555	0.97133
1.308	0.74232	0.87396	1.61629	0.97137
1.309	0.74250	0.87453	1.61703	0.97141
1.310	0.74267	0.87510	1.61777	0.97146
1.311	0.74285	0.87566	1.61851	0.97150
1.312	0.74302	0.87623	1.61925	0.97154
1.313	0.74320	0.87680	1.61999	0.97159
1.314	0.74337	0.87736	1.62073	0.97163
1.315	0.74354	0.87793	1.62147	0.97167
1.316	0.74372	0.87849	1.62221	0.97171
1.317	0.74389	0.87906	1.62295	0.97175
1.318	0.74406	0.87962	1.62369	0.97180
1.319	0.74424	0.88019	1.62443	0.97184
1.320	0.74441	0.88075	1.62516	0.97188
1.321	0.74458	0.88132	1.62590	0.97192
1.322	0.74475	0.88188	1.62663	0.97196
1.323	0.74493	0.88244	1.62737	0.97200
1.324	0.74510	0.88301	1.62810	0.97205
1.325	0.74527	0.88357	1.62884	0.97209
1.326	0.74544	0.88413	1.62957	0.97213
1.327	0.74561	0.88469	1.63030	0.97217
1.328	0.74578	0.88525	1.63104	0.97221
1.329	0.74595	0.88582	1.63177	0.97225
1.330	0.74612	0.88638	1.63250	0.97229
1.331	0.74629	0.88694	1.63323	0.97233
1.332	0.74646	0.88750	1.63396	0.97237
1.333	0.74663	0.88806	1.63469	0.97241
1.334	0.74680	0.88862	1.63542	0.97246
1.335	0.74697	0.88918	1.63615	0.97250
1.336	0.74714	0.88974	1.63688	0.97254
1.337	0.74731	0.89030	1.63760	0.97258
1.338	0.74747	0.89086	1.63833	0.97262
1.339	0.74764	0.89141	1.63906	0.97266
1.340	0.74781	0.89197	1.63979	0.97270
1.341	0.74798	0.89253	1.64051	0.97274
1.342	0.74815	0.89309	1.64123	0.97278
1.343	0.74831	0.89365	1.64196	0.97282
1.344	0.74848	0.89420	1.64268	0.97286
1.345	0.74865	0.89476	1.64341	0.97290
1.346	0.74881	0.89532	1.64413	0.97293
1.347	0.74898	0.89587	1.64485	0.97297
1.348	0.74915	0.89643	1.64557	0.97301
1.349	0.74931	0.89698	1.64630	0.97305
1.350	0.74948	0.89754	1.64702	0.97309

T / THETA	E(T)	A(T)	S(T)	CV(T)
1.351	0.74964	0.89809	1.64774	0.97313
1.352	0.74981	0.89865	1.64846	0.97317
1.353	0.74997	0.89920	1.64918	0.97321
1.354	0.75014	0.89976	1.64990	0.97325
1.355	0.75030	0.90031	1.65061	0.97329
1.356	0.75047	0.90086	1.65133	0.97332
1.357	0.75063	0.90142	1.65205	0.97336
1.358	0.75080	0.90197	1.65277	0.97340
1.359	0.75096	0.90252	1.65348	0.97344
1.360	0.75112	0.90308	1.65420	0.97348
1.361	0.75129	0.90363	1.65491	0.97352
1.362	0.75145	0.90418	1.65563	0.97355
1.363	0.75161	0.90473	1.65634	0.97359
1.364	0.75178	0.90528	1.65706	0.97363
1.365	0.75194	0.90583	1.65777	0.97367
1.366	0.75210	0.90638	1.65848	0.97371
1.367	0.75226	0.90693	1.65920	0.97374
1.368	0.75242	0.90748	1.65991	0.97378
1.369	0.75259	0.90803	1.66062	0.97382
1.370	0.75275	0.90858	1.66133	0.97386
1.371	0.75291	0.90913	1.66204	0.97389
1.372	0.75307	0.90968	1.66275	0.97393
1.373	0.75323	0.91023	1.66346	0.97397
1.374	0.75339	0.91078	1.66417	0.97401
1.375	0.75355	0.91133	1.66488	0.97404
1.376	0.75371	0.91188	1.66559	0.97408
1.377	0.75387	0.91242	1.66630	0.97412
1.378	0.75403	0.91297	1.66700	0.97415
1.379	0.75419	0.91352	1.66771	0.97419
1.380	0.75435	0.91406	1.66842	0.97423
1.381	0.75451	0.91461	1.66912	0.97426
1.382	0.75467	0.91516	1.66983	0.97430
1.383	0.75483	0.91570	1.67053	0.97434
1.384	0.75499	0.91625	1.67124	0.97437
1.385	0.75515	0.91679	1.67194	0.97441
1.386	0.75530	0.91734	1.67264	0.97445
1.387	0.75546	0.91788	1.67335	0.97448
1.388	0.75562	0.91843	1.67405	0.97452
1.389	0.75578	0.91897	1.67475	0.97455
1.390	0.75593	0.91952	1.67545	0.97459
1.391	0.75609	0.92006	1.67615	0.97463
1.392	0.75625	0.92060	1.67685	0.97466
1.393	0.75641	0.92115	1.67755	0.97470
1.394	0.75656	0.92169	1.67825	0.97473
1.395	0.75672	0.92223	1.67895	0.97477
1.396	0.75687	0.92277	1.67965	0.97480
1.397	0.75703	0.92332	1.68035	0.97484
1.398	0.75719	0.92386	1.68105	0.97487
1.399	0.75734	0.92440	1.68174	0.97491
1.400	0.75750	0.92494	1.68244	0.97495

T / THETA	E(T)	A(T)	S(T)	CV(T)
1.401	0.75765	0.92548	1.68314	0.97498
1.402	0.75781	0.92602	1.68383	0.97502
1.403	0.75796	0.92656	1.68453	0.97505
1.404	0.75812	0.92710	1.68522	0.97509
1.405	0.75827	0.92764	1.68592	0.97512
1.406	0.75843	0.92818	1.68661	0.97515
1.407	0.75858	0.92872	1.68730	0.97519
1.408	0.75873	0.92926	1.68800	0.97522
1.409	0.75889	0.92980	1.68869	0.97526
1.410	0.75904	0.93034	1.68938	0.97529
1.411	0.75919	0.93088	1.69007	0.97533
1.412	0.75935	0.93141	1.69076	0.97536
1.413	0.75950	0.93195	1.69145	0.97540
1.414	0.75965	0.93249	1.69214	0.97543
1.415	0.75981	0.93303	1.69283	0.97546
1.416	0.75996	0.93356	1.69352	0.97550
1.417	0.76011	0.93410	1.69421	0.97553
1.418	0.76026	0.93464	1.69490	0.97557
1.419	0.76041	0.93517	1.69559	0.97560
1.420	0.76057	0.93571	1.69627	0.97563
1.421	0.76072	0.93624	1.69696	0.97567
1.422	0.76087	0.93678	1.69765	0.97570
1.423	0.76102	0.93731	1.69833	0.97573
1.424	0.76117	0.93785	1.69902	0.97577
1.425	0.76132	0.93838	1.69970	0.97580
1.426	0.76147	0.93892	1.70039	0.97583
1.427	0.76162	0.93945	1.70107	0.97587
1.428	0.76177	0.93998	1.70175	0.97590
1.429	0.76192	0.94052	1.70244	0.97593
1.430	0.76207	0.94105	1.70312	0.97597
1.431	0.76222	0.94158	1.70380	0.97600
1.432	0.76237	0.94212	1.70448	0.97603
1.433	0.76252	0.94265	1.70517	0.97607
1.434	0.76267	0.94318	1.70585	0.97610
1.435	0.76282	0.94371	1.70653	0.97613
1.436	0.76296	0.94424	1.70721	0.97616
1.437	0.76311	0.94477	1.70789	0.97620
1.438	0.76326	0.94531	1.70857	0.97623
1.439	0.76341	0.94584	1.70925	0.97626
1.440	0.76356	0.94637	1.70992	0.97629
1.441	0.76370	0.94690	1.71060	0.97633
1.442	0.76385	0.94743	1.71128	0.97636
1.443	0.76400	0.94796	1.71196	0.97639
1.444	0.76415	0.94849	1.71263	0.97642
1.445	0.76429	0.94901	1.71331	0.97646
1.446	0.76444	0.94954	1.71398	0.97649
1.447	0.76459	0.95007	1.71466	0.97652
1.448	0.76473	0.95060	1.71533	0.97655
1.449	0.76488	0.95113	1.71601	0.97658
1.450	0.76503	0.95166	1.71668	0.97661

T / THETA	E(T)	A(T)	S(T)	CV(T)
1.451	0.76517	0.95213	1.71735	0.97665
1.452	0.76532	0.95271	1.71803	0.97668
1.453	0.76546	0.95324	1.71870	0.97671
1.454	0.76561	0.95376	1.71937	0.97674
1.455	0.76575	0.95429	1.72004	0.97677
1.456	0.76590	0.95482	1.72071	0.97680
1.457	0.76604	0.95534	1.72138	0.97684
1.458	0.76619	0.95587	1.72205	0.97687
1.459	0.76633	0.95639	1.72272	0.97690
1.460	0.76648	0.95692	1.72339	0.97693
1.461	0.76662	0.95744	1.72405	0.97696
1.462	0.76676	0.95797	1.72473	0.97699
1.463	0.76691	0.95849	1.72540	0.97702
1.464	0.76705	0.95902	1.72607	0.97705
1.465	0.76719	0.95954	1.72673	0.97708
1.466	0.76734	0.96006	1.72740	0.97711
1.467	0.76748	0.96059	1.72807	0.97714
1.468	0.76762	0.96111	1.72873	0.97718
1.469	0.76777	0.96163	1.72940	0.97721
1.470	0.76791	0.96216	1.73006	0.97724
1.471	0.76805	0.96268	1.73073	0.97727
1.472	0.76819	0.96320	1.73139	0.97730
1.473	0.76833	0.96372	1.73206	0.97733
1.474	0.76848	0.96424	1.73272	0.97736
1.475	0.76862	0.96476	1.73338	0.97739
1.476	0.76876	0.96528	1.73404	0.97742
1.477	0.76890	0.96581	1.73471	0.97745
1.478	0.76904	0.96633	1.73537	0.97748
1.479	0.76918	0.96685	1.73603	0.97751
1.480	0.76932	0.96737	1.73669	0.97754
1.481	0.76946	0.96789	1.73735	0.97757
1.482	0.76960	0.96841	1.73801	0.97760
1.483	0.76974	0.96892	1.73867	0.97763
1.484	0.76989	0.96944	1.73933	0.97766
1.485	0.77002	0.96996	1.73999	0.97769
1.486	0.77016	0.97048	1.74065	0.97772
1.487	0.77030	0.97100	1.74130	0.97775
1.488	0.77044	0.97152	1.74196	0.97777
1.489	0.77058	0.97203	1.74262	0.97780
1.490	0.77072	0.97255	1.74327	0.97783
1.491	0.77086	0.97307	1.74393	0.97786
1.492	0.77100	0.97359	1.74459	0.97789
1.493	0.77114	0.97410	1.74524	0.97792
1.494	0.77128	0.97462	1.74590	0.97795
1.495	0.77141	0.97513	1.74655	0.97798
1.496	0.77155	0.97565	1.74720	0.97801
1.497	0.77169	0.97617	1.74785	0.97804
1.498	0.77183	0.97668	1.74851	0.97807
1.499	0.77197	0.97720	1.74916	0.97809
1.500	0.77210	0.97771	1.74982	0.97812

T / THETA	E(T)	A(T)	S(T)	CV(T)
1.501	0.77224	0.97823	1.75047	0.97815
1.502	0.77238	0.97874	1.75112	0.97818
1.503	0.77252	0.97925	1.75177	0.97821
1.504	0.77265	0.97977	1.75242	0.97824
1.505	0.77279	0.98028	1.75307	0.97827
1.506	0.77292	0.98080	1.75372	0.97829
1.507	0.77306	0.98131	1.75437	0.97832
1.508	0.77320	0.98182	1.75502	0.97835
1.509	0.77333	0.98233	1.75567	0.97838
1.510	0.77347	0.98285	1.75632	0.97841
1.511	0.77360	0.98336	1.75696	0.97844
1.512	0.77374	0.98387	1.75761	0.97846
1.513	0.77388	0.98438	1.75826	0.97849
1.514	0.77401	0.98489	1.75890	0.97852
1.515	0.77415	0.98540	1.75955	0.97855
1.516	0.77428	0.98592	1.76020	0.97858
1.517	0.77442	0.98643	1.76084	0.97860
1.518	0.77455	0.98694	1.76149	0.97863
1.519	0.77468	0.98745	1.76213	0.97866
1.520	0.77482	0.98796	1.76277	0.97869
1.521	0.77495	0.98847	1.76342	0.97871
1.522	0.77509	0.98897	1.76406	0.97874
1.523	0.77522	0.98948	1.76470	0.97877
1.524	0.77535	0.98999	1.76535	0.97880
1.525	0.77549	0.99050	1.76599	0.97882
1.526	0.77562	0.99101	1.76663	0.97885
1.527	0.77575	0.99152	1.76727	0.97888
1.528	0.77589	0.99203	1.76791	0.97891
1.529	0.77602	0.99253	1.76855	0.97893
1.530	0.77615	0.99304	1.76919	0.97896
1.531	0.77628	0.99355	1.76983	0.97899
1.532	0.77642	0.99406	1.77047	0.97901
1.533	0.77655	0.99456	1.77111	0.97904
1.534	0.77668	0.99507	1.77175	0.97907
1.535	0.77681	0.99557	1.77239	0.97909
1.536	0.77694	0.99608	1.77302	0.97912
1.537	0.77708	0.99659	1.77366	0.97915
1.538	0.77721	0.99709	1.77430	0.97918
1.539	0.77734	0.99760	1.77494	0.97920
1.540	0.77747	0.99810	1.77557	0.97923
1.541	0.77760	0.99861	1.77621	0.97925
1.542	0.77773	0.99911	1.77684	0.97928
1.543	0.77786	0.99962	1.77748	0.97931
1.544	0.77799	1.00012	1.77811	0.97933
1.545	0.77812	1.00062	1.77875	0.97936
1.546	0.77825	1.00113	1.77938	0.97939
1.547	0.77838	1.00163	1.78001	0.97941
1.548	0.77851	1.00213	1.78065	0.97944
1.549	0.77864	1.00264	1.78128	0.97947
1.550	0.77877	1.00314	1.78191	0.97949

T / THETA	E(T)	A(T)	S(T)	CV(T)
1.551	0.77890	1.00364	1.78254	0.97952
1.552	0.77903	1.00414	1.78317	0.97954
1.553	0.77916	1.00464	1.78380	0.97957
1.554	0.77929	1.00515	1.78443	0.97960
1.555	0.77942	1.00565	1.78506	0.97962
1.556	0.77955	1.00615	1.78569	0.97965
1.557	0.77967	1.00665	1.78632	0.97967
1.558	0.77980	1.00715	1.78695	0.97970
1.559	0.77993	1.00765	1.78758	0.97972
1.560	0.78006	1.00815	1.78821	0.97975
1.561	0.78019	1.00865	1.78884	0.97978
1.562	0.78032	1.00915	1.78947	0.97980
1.563	0.78044	1.00965	1.79009	0.97983
1.564	0.78057	1.01015	1.79072	0.97985
1.565	0.78070	1.01065	1.79135	0.97988
1.566	0.78082	1.01115	1.79197	0.97990
1.567	0.78095	1.01164	1.79260	0.97993
1.568	0.78108	1.01214	1.79322	0.97995
1.569	0.78121	1.01264	1.79385	0.97998
1.570	0.78133	1.01314	1.79447	0.98000
1.571	0.78146	1.01364	1.79510	0.98003
1.572	0.78158	1.01413	1.79572	0.98005
1.573	0.78171	1.01463	1.79634	0.98008
1.574	0.78184	1.01513	1.79696	0.98010
1.575	0.78196	1.01562	1.79759	0.98013
1.576	0.78209	1.01612	1.79821	0.98015
1.577	0.78221	1.01662	1.79883	0.98018
1.578	0.78234	1.01711	1.79945	0.98020
1.579	0.78247	1.01761	1.80007	0.98023
1.580	0.78259	1.01810	1.80069	0.98025
1.581	0.78272	1.01860	1.80131	0.98028
1.582	0.78284	1.01909	1.80193	0.98030
1.583	0.78297	1.01959	1.80255	0.98033
1.584	0.78309	1.02008	1.80317	0.98035
1.585	0.78321	1.02058	1.80379	0.98037
1.586	0.78334	1.02107	1.80441	0.98040
1.587	0.78346	1.02157	1.80503	0.98042
1.588	0.78359	1.02206	1.80565	0.98045
1.589	0.78371	1.02255	1.80626	0.98047
1.590	0.78383	1.02305	1.80688	0.98050
1.591	0.78396	1.02354	1.80750	0.98052
1.592	0.78408	1.02403	1.80811	0.98054
1.593	0.78420	1.02452	1.80873	0.98057
1.594	0.78433	1.02502	1.80934	0.98059
1.595	0.78445	1.02551	1.80996	0.98062
1.596	0.78457	1.02600	1.81057	0.98064
1.597	0.78470	1.02649	1.81119	0.98066
1.598	0.78482	1.02698	1.81180	0.98069
1.599	0.78494	1.02747	1.81241	0.98071
1.600	0.78506	1.02796	1.81303	0.98074

T / THETA	E(T)	A(T)	S(T)	CV(T)
1.601	0.78519	1.02845	1.81364	0.98076
1.602	0.78531	1.02894	1.81425	0.98078
1.603	0.78543	1.02943	1.81486	0.98081
1.604	0.78555	1.02992	1.81548	0.98083
1.605	0.78567	1.03041	1.81609	0.98085
1.606	0.78580	1.03090	1.81670	0.98088
1.607	0.78592	1.03139	1.81731	0.98090
1.608	0.78604	1.03188	1.81792	0.98092
1.609	0.78616	1.03237	1.81853	0.98095
1.610	0.78628	1.03286	1.81914	0.98097
1.611	0.78640	1.03335	1.81975	0.98099
1.612	0.78652	1.03383	1.82036	0.98102
1.613	0.78664	1.03432	1.82096	0.98104
1.614	0.78676	1.03481	1.82157	0.98106
1.615	0.78688	1.03530	1.82218	0.98109
1.616	0.78700	1.03578	1.82279	0.98111
1.617	0.78712	1.03627	1.82339	0.98113
1.618	0.78724	1.03676	1.82400	0.98116
1.619	0.78736	1.03724	1.82461	0.98118
1.620	0.78748	1.03773	1.82521	0.98120
1.621	0.78760	1.03822	1.82582	0.98122
1.622	0.78772	1.03870	1.82642	0.98125
1.623	0.78784	1.03919	1.82703	0.98127
1.624	0.78796	1.03967	1.82763	0.98129
1.625	0.78808	1.04016	1.82824	0.98132
1.626	0.78820	1.04064	1.82884	0.98134
1.627	0.78832	1.04113	1.82944	0.98136
1.628	0.78844	1.04161	1.83005	0.98138
1.629	0.78855	1.04210	1.83065	0.98141
1.630	0.78867	1.04258	1.83125	0.98143
1.631	0.78879	1.04306	1.83185	0.98145
1.632	0.78891	1.04355	1.83246	0.98147
1.633	0.78903	1.04403	1.83306	0.98150
1.634	0.78914	1.04451	1.83366	0.98152
1.635	0.78926	1.04500	1.83426	0.98154
1.636	0.78938	1.04548	1.83486	0.98156
1.637	0.78950	1.04596	1.83546	0.98159
1.638	0.78961	1.04644	1.83606	0.98161
1.639	0.78973	1.04693	1.83666	0.98163
1.640	0.78985	1.04741	1.83726	0.98165
1.641	0.78996	1.04789	1.83785	0.98167
1.642	0.79008	1.04837	1.83845	0.98170
1.643	0.79020	1.04885	1.83905	0.98172
1.644	0.79031	1.04933	1.83965	0.98174
1.645	0.79043	1.04981	1.84024	0.98176
1.646	0.79055	1.05029	1.84084	0.98178
1.647	0.79066	1.05077	1.84144	0.98181
1.648	0.79078	1.05125	1.84203	0.98183
1.649	0.79090	1.05173	1.84263	0.98185
1.650	0.79101	1.05221	1.84322	0.98187

T / THETA	E(T)	A(T)	S(T)	CV(T)
1.651	0.79113	1.05269	1.84382	0.98189
1.652	0.79124	1.05317	1.84441	0.98191
1.653	0.79136	1.05365	1.84501	0.98194
1.654	0.79147	1.05413	1.84560	0.98196
1.655	0.79159	1.05461	1.84619	0.98198
1.656	0.79170	1.05509	1.84679	0.98200
1.657	0.79182	1.05556	1.84738	0.98202
1.658	0.79193	1.05604	1.84797	0.98204
1.659	0.79205	1.05652	1.84857	0.98206
1.660	0.79216	1.05700	1.84916	0.98209
1.661	0.79228	1.05747	1.84975	0.98211
1.662	0.79239	1.05795	1.85034	0.98213
1.663	0.79250	1.05843	1.85093	0.98215
1.664	0.79262	1.05890	1.85152	0.98217
1.665	0.79273	1.05938	1.85211	0.98219
1.666	0.79285	1.05986	1.85270	0.98221
1.667	0.79296	1.06033	1.85329	0.98223
1.668	0.79307	1.06081	1.85388	0.98225
1.669	0.79319	1.06128	1.85447	0.98228
1.670	0.79330	1.06176	1.85506	0.98230
1.671	0.79341	1.06223	1.85564	0.98232
1.672	0.79353	1.06271	1.85623	0.98234
1.673	0.79364	1.06318	1.85682	0.98236
1.674	0.79375	1.06366	1.85741	0.98238
1.675	0.79386	1.06413	1.85799	0.98240
1.676	0.79398	1.06460	1.85858	0.98242
1.677	0.79409	1.06508	1.85917	0.98244
1.678	0.79420	1.06555	1.85975	0.98246
1.679	0.79431	1.06602	1.86034	0.98248
1.680	0.79443	1.06650	1.86092	0.98250
1.681	0.79454	1.06697	1.86151	0.98252
1.682	0.79465	1.06744	1.86209	0.98255
1.683	0.79476	1.06791	1.86267	0.98257
1.684	0.79487	1.06839	1.86326	0.98259
1.685	0.79498	1.06886	1.86384	0.98261
1.686	0.79509	1.06933	1.86442	0.98263
1.687	0.79521	1.06980	1.86501	0.98265
1.688	0.79532	1.07027	1.86559	0.98267
1.689	0.79543	1.07074	1.86617	0.98269
1.690	0.79554	1.07121	1.86675	0.98271
1.691	0.79565	1.07168	1.86733	0.98273
1.692	0.79576	1.07216	1.86792	0.98275
1.693	0.79587	1.07263	1.86850	0.98277
1.694	0.79598	1.07310	1.86908	0.98279
1.695	0.79609	1.07357	1.86966	0.98281
1.696	0.79620	1.07403	1.87024	0.98283
1.697	0.79631	1.07450	1.87082	0.98285
1.698	0.79642	1.07497	1.87139	0.98287
1.699	0.79653	1.07544	1.87197	0.98289
1.700	0.79664	1.07591	1.87255	0.98291

T / THETA	E(T)	A(T)	S(T)	CV(T)
1.701	0.79675	1.07638	1.87313	0.98293
1.702	0.79686	1.07685	1.87371	0.98295
1.703	0.79697	1.07732	1.87428	0.98297
1.704	0.79708	1.07778	1.87486	0.98299
1.705	0.79719	1.07825	1.87544	0.98301
1.706	0.79730	1.07872	1.87601	0.98303
1.707	0.79740	1.07919	1.87659	0.98305
1.708	0.79751	1.07965	1.87717	0.98307
1.709	0.79762	1.08012	1.87774	0.98309
1.710	0.79773	1.08059	1.87832	0.98311
1.711	0.79784	1.08105	1.87889	0.98312
1.712	0.79795	1.08152	1.87947	0.98314
1.713	0.79805	1.08199	1.88004	0.98316
1.714	0.79816	1.08245	1.88061	0.98318
1.715	0.79827	1.08292	1.88119	0.98320
1.716	0.79838	1.08338	1.88176	0.98322
1.717	0.79849	1.08385	1.88233	0.98324
1.718	0.79859	1.08431	1.88291	0.98326
1.719	0.79870	1.08478	1.88348	0.98328
1.720	0.79881	1.08524	1.88405	0.98330
1.721	0.79892	1.08571	1.88462	0.98332
1.722	0.79902	1.08617	1.88519	0.98334
1.723	0.79913	1.08663	1.88576	0.98336
1.724	0.79924	1.08710	1.88633	0.98337
1.725	0.79934	1.08756	1.88690	0.98339
1.726	0.79945	1.08802	1.88747	0.98341
1.727	0.79956	1.08849	1.88804	0.98343
1.728	0.79966	1.08895	1.88861	0.98345
1.729	0.79977	1.08941	1.88918	0.98347
1.730	0.79988	1.08988	1.88975	0.98349
1.731	0.79998	1.09034	1.89032	0.98351
1.732	0.80009	1.09080	1.89089	0.98353
1.733	0.80019	1.09126	1.89145	0.98355
1.734	0.80030	1.09172	1.89202	0.98356
1.735	0.80040	1.09218	1.89259	0.98358
1.736	0.80051	1.09265	1.89316	0.98360
1.737	0.80062	1.09311	1.89372	0.98362
1.738	0.80072	1.09357	1.89429	0.98364
1.739	0.80083	1.09403	1.89485	0.98366
1.740	0.80093	1.09449	1.89542	0.98368
1.741	0.80104	1.09495	1.89598	0.98369
1.742	0.80114	1.09541	1.89655	0.98371
1.743	0.80125	1.09587	1.89711	0.98373
1.744	0.80135	1.09633	1.89768	0.98375
1.745	0.80145	1.09679	1.89824	0.98377
1.746	0.80156	1.09725	1.89881	0.98379
1.747	0.80166	1.09771	1.89937	0.98380
1.748	0.80177	1.09816	1.89993	0.98382
1.749	0.80187	1.09862	1.90049	0.98384
1.750	0.80198	1.09908	1.90105	0.98386

T / THETA	E(T)	A(T)	S(T)	CV(T)
1.751	0.80208	1.09954	1.90162	0.98388
1.752	0.80218	1.10000	1.90218	0.98390
1.753	0.80229	1.10046	1.90274	0.98391
1.754	0.80239	1.10091	1.90330	0.98393
1.755	0.80249	1.10137	1.90386	0.98395
1.756	0.80260	1.10183	1.90442	0.98397
1.757	0.80270	1.10228	1.90498	0.98399
1.758	0.80280	1.10274	1.90554	0.98400
1.759	0.80291	1.10320	1.90610	0.98402
1.760	0.80301	1.10365	1.90666	0.98404
1.761	0.80311	1.10411	1.90722	0.98406
1.762	0.80322	1.10457	1.90778	0.98408
1.763	0.80332	1.10502	1.90834	0.98409
1.764	0.80342	1.10548	1.90890	0.98411
1.765	0.80352	1.10593	1.90946	0.98413
1.766	0.80363	1.10639	1.91001	0.98415
1.767	0.80373	1.10684	1.91057	0.98417
1.768	0.80383	1.10730	1.91113	0.98418
1.769	0.80393	1.10775	1.91168	0.98420
1.770	0.80403	1.10821	1.91224	0.98422
1.771	0.80413	1.10866	1.91280	0.98424
1.772	0.80424	1.10911	1.91335	0.98425
1.773	0.80434	1.10957	1.91391	0.98427
1.774	0.80444	1.11002	1.91446	0.98429
1.775	0.80454	1.11048	1.91502	0.98431
1.776	0.80464	1.11093	1.91557	0.98432
1.777	0.80474	1.11138	1.91612	0.98434
1.778	0.80484	1.11183	1.91668	0.98436
1.779	0.80495	1.11229	1.91723	0.98438
1.780	0.80505	1.11274	1.91778	0.98439
1.781	0.80515	1.11319	1.91834	0.98441
1.782	0.80525	1.11364	1.91889	0.98443
1.783	0.80535	1.11409	1.91944	0.98444
1.784	0.80545	1.11455	1.91999	0.98446
1.785	0.80555	1.11500	1.92055	0.98448
1.786	0.80565	1.11545	1.92110	0.98450
1.787	0.80575	1.11590	1.92165	0.98451
1.788	0.80585	1.11635	1.92220	0.98453
1.789	0.80595	1.11680	1.92275	0.98455
1.790	0.80605	1.11725	1.92330	0.98456
1.791	0.80615	1.11770	1.92385	0.98458
1.792	0.80625	1.11815	1.92440	0.98460
1.793	0.80635	1.11860	1.92495	0.98462
1.794	0.80645	1.11905	1.92550	0.98463
1.795	0.80655	1.11950	1.92605	0.98465
1.796	0.80664	1.11995	1.92659	0.98467
1.797	0.80674	1.12040	1.92714	0.98468
1.798	0.80684	1.12085	1.92769	0.98470
1.799	0.80694	1.12130	1.92824	0.98472
1.800	0.80704	1.12175	1.92879	0.98473

T / THETA	E(T)	A(T)	S(T)	CV(T)
1.801	0.80714	1.12219	1.92933	0.98475
1.802	0.80724	1.12264	1.92988	0.98477
1.803	0.80734	1.12309	1.93043	0.98478
1.804	0.80743	1.12354	1.93097	0.98480
1.805	0.80753	1.12398	1.93152	0.98482
1.806	0.80763	1.12443	1.93206	0.98483
1.807	0.80773	1.12488	1.93261	0.98485
1.808	0.80783	1.12533	1.93315	0.98487
1.809	0.80792	1.12577	1.93370	0.98488
1.810	0.80802	1.12622	1.93424	0.98490
1.811	0.80812	1.12667	1.93479	0.98492
1.812	0.80822	1.12711	1.93533	0.98493
1.813	0.80832	1.12756	1.93587	0.98495
1.814	0.80841	1.12800	1.93642	0.98497
1.815	0.80851	1.12845	1.93696	0.98498
1.816	0.80861	1.12889	1.93750	0.98500
1.817	0.80870	1.12934	1.93804	0.98502
1.818	0.80880	1.12978	1.93859	0.98503
1.819	0.80890	1.13023	1.93913	0.98505
1.820	0.80899	1.13067	1.93967	0.98506
1.821	0.80909	1.13112	1.94021	0.98508
1.822	0.80919	1.13156	1.94075	0.98510
1.823	0.80928	1.13201	1.94129	0.98511
1.824	0.80938	1.13245	1.94183	0.98513
1.825	0.80948	1.13289	1.94237	0.98514
1.826	0.80957	1.13334	1.94291	0.98516
1.827	0.80967	1.13378	1.94345	0.98518
1.828	0.80977	1.13422	1.94399	0.98519
1.829	0.80986	1.13467	1.94453	0.98521
1.830	0.80996	1.13511	1.94507	0.98523
1.831	0.81005	1.13555	1.94560	0.98524
1.832	0.81015	1.13599	1.94614	0.98526
1.833	0.81024	1.13644	1.94668	0.98527
1.834	0.81034	1.13688	1.94722	0.98529
1.835	0.81044	1.13732	1.94775	0.98530
1.836	0.81053	1.13776	1.94829	0.98532
1.837	0.81063	1.13820	1.94883	0.98534
1.838	0.81072	1.13864	1.94936	0.98535
1.839	0.81082	1.13908	1.94990	0.98537
1.840	0.81091	1.13953	1.95044	0.98538
1.841	0.81101	1.13997	1.95097	0.98540
1.842	0.81110	1.14041	1.95151	0.98541
1.843	0.81119	1.14085	1.95204	0.98543
1.844	0.81129	1.14129	1.95258	0.98545
1.845	0.81138	1.14173	1.95311	0.98546
1.846	0.81148	1.14217	1.95364	0.98548
1.847	0.81157	1.14261	1.95418	0.98549
1.848	0.81167	1.14305	1.95471	0.98551
1.849	0.81176	1.14348	1.95524	0.98552
1.850	0.81185	1.14392	1.95578	0.98554

T / THETA	E(T)	A(T)	S(T)	CV(T)
1.851	0.81195	1.14436	1.95631	0.98555
1.852	0.81204	1.14480	1.95684	0.98557
1.853	0.81214	1.14524	1.95737	0.98559
1.854	0.81223	1.14568	1.95791	0.98560
1.855	0.81232	1.14612	1.95844	0.98562
1.856	0.81242	1.14655	1.95897	0.98563
1.857	0.81251	1.14699	1.95950	0.98565
1.858	0.81260	1.14743	1.96003	0.98566
1.859	0.81270	1.14787	1.96056	0.98568
1.860	0.81279	1.14830	1.96109	0.98569
1.861	0.81288	1.14874	1.96162	0.98571
1.862	0.81297	1.14918	1.96215	0.98572
1.863	0.81307	1.14961	1.96268	0.98574
1.864	0.81316	1.15005	1.96321	0.98575
1.865	0.81325	1.15048	1.96374	0.98577
1.866	0.81334	1.15092	1.96427	0.98578
1.867	0.81344	1.15136	1.96479	0.98580
1.868	0.81353	1.15179	1.96532	0.98581
1.869	0.81362	1.15223	1.96585	0.98583
1.870	0.81371	1.15266	1.96638	0.98584
1.871	0.81381	1.15310	1.96690	0.98586
1.872	0.81390	1.15353	1.96743	0.98587
1.873	0.81399	1.15397	1.96796	0.98589
1.874	0.81408	1.15440	1.96848	0.98590
1.875	0.81417	1.15484	1.96901	0.98592
1.876	0.81426	1.15527	1.96953	0.98593
1.877	0.81436	1.15570	1.97006	0.98595
1.878	0.81445	1.15614	1.97059	0.98596
1.879	0.81454	1.15657	1.97111	0.98598
1.880	0.81463	1.15701	1.97163	0.98599
1.881	0.81472	1.15744	1.97216	0.98601
1.882	0.81481	1.15787	1.97268	0.98602
1.883	0.81490	1.15830	1.97321	0.98604
1.884	0.81499	1.15874	1.97373	0.98605
1.885	0.81508	1.15917	1.97425	0.98607
1.886	0.81517	1.15960	1.97478	0.98608
1.887	0.81527	1.16003	1.97530	0.98610
1.888	0.81536	1.16047	1.97582	0.98611
1.889	0.81545	1.16090	1.97634	0.98612
1.890	0.81554	1.16133	1.97687	0.98614
1.891	0.81563	1.16176	1.97739	0.98615
1.892	0.81572	1.16219	1.97791	0.98617
1.893	0.81581	1.16262	1.97843	0.98618
1.894	0.81590	1.16305	1.97895	0.98620
1.895	0.81599	1.16348	1.97947	0.98621
1.896	0.81608	1.16391	1.97999	0.98623
1.897	0.81617	1.16435	1.98051	0.98624
1.898	0.81626	1.16478	1.98103	0.98625
1.899	0.81635	1.16521	1.98155	0.98627
1.900	0.81643	1.16564	1.98207	0.98628

T / THETA	E(T)	A(T)	S(T)	CV(T)
1.901	0.81652	1.16606	1.98259	0.98630
1.902	0.81661	1.16649	1.98311	0.98631
1.903	0.81670	1.16692	1.98363	0.98633
1.904	0.81679	1.16735	1.98414	0.98634
1.905	0.81688	1.16778	1.98466	0.98635
1.906	0.81697	1.16821	1.98518	0.98637
1.907	0.81706	1.16864	1.98570	0.98638
1.908	0.81715	1.16907	1.98621	0.98640
1.909	0.81724	1.16950	1.98673	0.98641
1.910	0.81732	1.16992	1.98725	0.98642
1.911	0.81741	1.17035	1.98776	0.98644
1.912	0.81750	1.17078	1.98828	0.98645
1.913	0.81759	1.17121	1.98880	0.98647
1.914	0.81768	1.17163	1.98931	0.98648
1.915	0.81777	1.17206	1.98983	0.98649
1.916	0.81785	1.17249	1.99034	0.98651
1.917	0.81794	1.17291	1.99086	0.98652
1.918	0.81803	1.17334	1.99137	0.98654
1.919	0.81812	1.17377	1.99188	0.98655
1.920	0.81821	1.17419	1.99240	0.98656
1.921	0.81829	1.17462	1.99291	0.98658
1.922	0.81838	1.17505	1.99343	0.98659
1.923	0.81847	1.17547	1.99394	0.98661
1.924	0.81856	1.17590	1.99445	0.98662
1.925	0.81864	1.17632	1.99496	0.98663
1.926	0.81873	1.17675	1.99548	0.98665
1.927	0.81882	1.17717	1.99599	0.98666
1.928	0.81890	1.17760	1.99650	0.98667
1.929	0.81899	1.17802	1.99701	0.98669
1.930	0.81908	1.17845	1.99752	0.98670
1.931	0.81916	1.17887	1.99804	0.98672
1.932	0.81925	1.17929	1.99855	0.98673
1.933	0.81934	1.17972	1.99906	0.98674
1.934	0.81942	1.18014	1.99957	0.98676
1.935	0.81951	1.18057	2.00008	0.98677
1.936	0.81960	1.18099	2.00059	0.98678
1.937	0.81968	1.18141	2.00110	0.98680
1.938	0.81977	1.18184	2.00161	0.98681
1.939	0.81986	1.18226	2.00212	0.98682
1.940	0.81994	1.18268	2.00262	0.98684
1.941	0.82003	1.18310	2.00313	0.98685
1.942	0.82011	1.18353	2.00364	0.98686
1.943	0.82020	1.18395	2.00415	0.98688
1.944	0.82029	1.18437	2.00466	0.98689
1.945	0.82037	1.18479	2.00516	0.98690
1.946	0.82046	1.18521	2.00567	0.98692
1.947	0.82054	1.18564	2.00618	0.98693
1.948	0.82063	1.18606	2.00669	0.98694
1.949	0.82071	1.18648	2.00719	0.98696
1.950	0.82080	1.18690	2.00770	0.98697

T / THETA	E(T)	A(T)	S(T)	CV(T)
1.951	0.82088	1.18732	2.00320	0.98698
1.952	0.82097	1.18774	2.00871	0.98700
1.953	0.82105	1.18816	2.00922	0.98701
1.954	0.82114	1.18858	2.00972	0.98702
1.955	0.82122	1.18900	2.01023	0.98704
1.956	0.82131	1.18942	2.01073	0.98705
1.957	0.82139	1.18984	2.01123	0.98706
1.958	0.82148	1.19026	2.01174	0.98708
1.959	0.82156	1.19068	2.01224	0.98709
1.960	0.82165	1.19110	2.01275	0.98710
1.961	0.82173	1.19152	2.01325	0.98712
1.962	0.82182	1.19194	2.01375	0.98713
1.963	0.82190	1.19236	2.01426	0.98714
1.964	0.82198	1.19278	2.01476	0.98715
1.965	0.82207	1.19319	2.01526	0.98717
1.966	0.82215	1.19361	2.01576	0.98718
1.967	0.82224	1.19403	2.01627	0.98719
1.968	0.82232	1.19445	2.01677	0.98721
1.969	0.82240	1.19487	2.01727	0.98722
1.970	0.82249	1.19528	2.01777	0.98723
1.971	0.82257	1.19570	2.01827	0.98724
1.972	0.82265	1.19612	2.01877	0.98726
1.973	0.82274	1.19654	2.01927	0.98727
1.974	0.82282	1.19695	2.01977	0.98728
1.975	0.82290	1.19737	2.02027	0.98730
1.976	0.82299	1.19779	2.02077	0.98731
1.977	0.82307	1.19820	2.02127	0.98732
1.978	0.82315	1.19862	2.02177	0.98733
1.979	0.82324	1.19903	2.02227	0.98735
1.980	0.82332	1.19945	2.02277	0.98736
1.981	0.82340	1.19987	2.02327	0.98737
1.982	0.82348	1.20028	2.02377	0.98738
1.983	0.82357	1.20070	2.02426	0.98740
1.984	0.82365	1.20111	2.02476	0.98741
1.985	0.82373	1.20153	2.02526	0.98742
1.986	0.82382	1.20194	2.02576	0.98743
1.987	0.82390	1.20236	2.02625	0.98745
1.988	0.82398	1.20277	2.02675	0.98746
1.989	0.82406	1.20319	2.02725	0.98747
1.990	0.82414	1.20360	2.02774	0.98748
1.991	0.82423	1.20401	2.02824	0.98750
1.992	0.82431	1.20443	2.02874	0.98751
1.993	0.82439	1.20484	2.02923	0.98752
1.994	0.82447	1.20526	2.02973	0.98753
1.995	0.82455	1.20567	2.03022	0.98755
1.996	0.82464	1.20608	2.03072	0.98756
1.997	0.82472	1.20649	2.03121	0.98757
1.998	0.82480	1.20691	2.03171	0.98758
1.999	0.82488	1.20732	2.03220	0.98760
2.000	0.82496	1.20773	2.03269	0.98761

T / THETA	E(T)	A(T)	S(T)	CV(T)
2.100	0.83273	1.24817	2.08091	0.98875
2.200	0.83985	1.28708	2.12693	0.98974
2.300	0.84639	1.32456	2.17094	0.99061
2.400	0.85241	1.36071	2.21312	0.99137
2.500	0.85798	1.39562	2.25361	0.99204
2.600	0.86315	1.42937	2.29253	0.99264
2.700	0.86796	1.46204	2.33000	0.99317
2.800	0.87244	1.49369	2.36613	0.99365
2.900	0.87663	1.52438	2.40100	0.99408
3.000	0.88055	1.55416	2.43471	0.99446
3.100	0.88423	1.58310	2.46733	0.99481
3.200	0.88769	1.61123	2.49892	0.99513
3.300	0.89095	1.63859	2.52954	0.99542
3.400	0.89403	1.66524	2.55926	0.99569
3.500	0.89693	1.69119	2.58813	0.99593
3.600	0.89969	1.71650	2.61619	0.99615
3.700	0.90230	1.74119	2.64348	0.99635
3.800	0.90477	1.76528	2.67006	0.99654
3.900	0.90713	1.78882	2.69595	0.99672
4.000	0.90937	1.81181	2.72118	0.99688
4.100	0.91151	1.83429	2.74580	0.99703
4.200	0.91355	1.85623	2.76983	0.99717
4.300	0.91549	1.87780	2.79329	0.99730
4.400	0.91735	1.89887	2.81622	0.99742
4.500	0.91913	1.91951	2.83864	0.99753
4.600	0.92084	1.93973	2.86057	0.99764
4.700	0.92247	1.95955	2.88202	0.99774
4.800	0.92404	1.97899	2.90303	0.99783
4.900	0.92555	1.99805	2.92360	0.99792
5.000	0.92700	2.01677	2.94377	0.99800
5.100	0.92839	2.03514	2.96353	0.99808
5.200	0.92973	2.05313	2.98291	0.99815
5.300	0.93102	2.07090	3.00193	0.99822
5.400	0.93227	2.08832	3.02059	0.99828
5.500	0.93347	2.10543	3.03890	0.99835
5.600	0.93463	2.12226	3.05689	0.99840
5.700	0.93575	2.13882	3.07456	0.99846
5.800	0.93683	2.15510	3.09193	0.99851
5.900	0.93788	2.17112	3.10900	0.99856
6.000	0.93889	2.18690	3.12578	0.99861
6.100	0.93987	2.20242	3.14229	0.99865
6.200	0.94082	2.21771	3.15853	0.99870
6.300	0.94173	2.23277	3.17451	0.99874
6.400	0.94263	2.24761	3.19024	0.99878
6.500	0.94349	2.26223	3.20572	0.99881
6.600	0.94433	2.27664	3.22097	0.99885
6.700	0.94514	2.29085	3.23599	0.99888
6.800	0.94593	2.30486	3.25079	0.99892
6.900	0.94670	2.31867	3.26538	0.99895
7.000	0.94745	2.33230	3.27975	0.99898

T / .THETA	E(T)	A(T)	S(T)	CV(T)
7.100	0.94817	2.34575	3.29392	0.99901
7.200	0.94888	2.35901	3.30789	0.99903
7.300	0.94957	2.37211	3.32167	0.99906
7.400	0.95024	2.38503	3.33527	0.99908
7.500	0.95089	2.39779	3.34868	0.99911
7.600	0.95152	2.41039	3.36191	0.99913
7.700	0.95214	2.42283	3.37497	0.99915
7.800	0.95274	2.43512	3.38786	0.99918
7.900	0.95333	2.44726	3.40059	0.99920
8.000	0.95391	2.45926	3.41316	0.99922
8.100	0.95446	2.47111	3.42558	0.99924
8.200	0.95501	2.48283	3.43784	0.99925
8.300	0.95554	2.49440	3.44995	0.99927
8.400	0.95606	2.50585	3.46192	0.99929
8.500	0.95657	2.51717	3.47374	0.99931
8.600	0.95707	2.52836	3.48543	0.99932
8.700	0.95756	2.53943	3.49698	0.99934
8.800	0.95803	2.55037	3.50840	0.99935
8.900	0.95850	2.56120	3.51970	0.99937
9.000	0.95895	2.57191	3.53086	0.99938
9.100	0.95939	2.58251	3.54191	0.99939
9.200	0.95983	2.59300	3.55283	0.99941
9.300	0.96025	2.60338	3.56363	0.99942
9.400	0.96067	2.61365	3.57432	0.99943
9.500	0.96108	2.62382	3.58490	0.99944
9.600	0.96148	2.63389	3.59536	0.99945
9.700	0.96187	2.64385	3.60572	0.99947
9.800	0.96225	2.65372	3.61597	0.99948
9.900	0.96263	2.66349	3.62612	0.99949
10.000	0.96300	2.67317	3.63617	0.99950
10.100	0.96336	2.68275	3.64611	0.99951
10.200	0.96372	2.69224	3.65596	0.99952
10.300	0.96406	2.70165	3.66571	0.99953
10.400	0.96440	2.71095	3.67537	0.99954
10.500	0.96474	2.72019	3.68493	0.99954
10.600	0.96507	2.72934	3.69441	0.99955
10.700	0.96539	2.73840	3.70379	0.99956
10.800	0.96571	2.74739	3.71309	0.99957
10.900	0.96602	2.75629	3.72230	0.99958
11.000	0.96632	2.76511	3.73143	0.99958
11.100	0.96662	2.77386	3.74048	0.99959
11.200	0.96692	2.78253	3.74944	0.99960
11.300	0.96720	2.79112	3.75833	0.99961
11.400	0.96749	2.79965	3.76714	0.99961
11.500	0.96777	2.80810	3.77587	0.99962
11.600	0.96804	2.81643	3.78452	0.99963
11.700	0.96831	2.82479	3.79310	0.99963
11.800	0.96858	2.83303	3.80161	0.99964
11.900	0.96884	2.84121	3.81005	0.99964
12.000	0.96910	2.84931	3.81841	0.99965

References

1. P. Debye, Ann. Physik, (4) 39, 789 (1912).
2. A Fortran IV program written by R. N. K. (available on request).

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