Various cosmological distances in Hubble-Hawking universe

U.V.S. Seshavatharam[1][*] and S. Lakshminarayana[2][+]
[1]Honorary faculty, I-SERVE, Survey no-42, Hitech city, Hyderabad-84,Telangana, India
[2]Dept. of Nuclear Physics, Andhra University, Visakhapatnam-03, A.P, India
Emails: *Seshavatharam.uvs@gmail.com (and) [+]Lnsrirama@gmail.com

Abstract: With reference to our recently proposed light speed expanding Hubble-Hawking universe, in this contribution, up to $(1+z) = 1100$, with a marginal error, we make an attempt to fit light travel distances, comoving distances and luminosity distances with very simple relations. Key point to be understood is that, red shift can also be defined as the ratio of increase in photon wavelength to observed photon wave length. Mathematically, if $z_{new} \cong \dfrac{\lambda_{\text{Observed}} - \lambda_{\text{Lab}}}{\lambda_{\text{Observed}}} \cong \dfrac{z}{1+z}$, Light Travel Distance can be approximated with, $LTD \cong z_{new}\left(\dfrac{c}{H_0}\right)$, Comoving Distance can be approximated with, $CD \cong \exp(z_{new}) * LTD$ and Luminosity Distance can be approximated with, $LD \cong \dfrac{CD}{1 - z_{new}}$. With further research, Lambda cosmology and Hubble-Hawking cosmology can be studied in a unified manner.

Authors' short biographies

U.V.S. Seshavatharam is a honorary member of I-SERVE,(Institute of Scientific Research in Vedas) Hyderabad, Telangana, India. He is having 100+ publications in numerous peer-reviewed physics journals and availing the kind guidance of retired Prof. S. Lakshminarayana associated with Dept. of Nuclear Physics, Andhra University, Visakhapatnam, A.P, India. His current theoretical interests include Nuclear quantum gravity, Quantum cosmology and Cold nuclear fusion. Under the kind guidance of Dr. Eugene Terry Tatum, he is working on 'Flat Space Cosmology' associated with light speed growing black hole universe. He is working on developing a theory for preparing gold- like costly elements with Tungsten like heavy metals via cold nuclear fusion. Extending cold nuclear fusion technology to Nuclear Fission, he is working on converting high level nuclear radioactive waste into stable and safe elements.

S. Lakshminarayana is a retired Professor in Nuclear Physics from Andhra University, Visakhapatnam, Andhra Pradesh, India. He was the former Head of the Department and Chairman, Post Graduate Board of Studies in Nuclear Physics, Andhra university. He was also a member of the advisory committees of Nuclear Physics Symposium for several years organized by Department of Atomic Energy, BARC, Government of India. He has published 100+ research publications in National and International Journals of high repute. His fields of research include experimental Nuclear Physics, Nuclear Spectroscopy, Theoretical Nuclear and Particle Physics and Quantum cosmology.
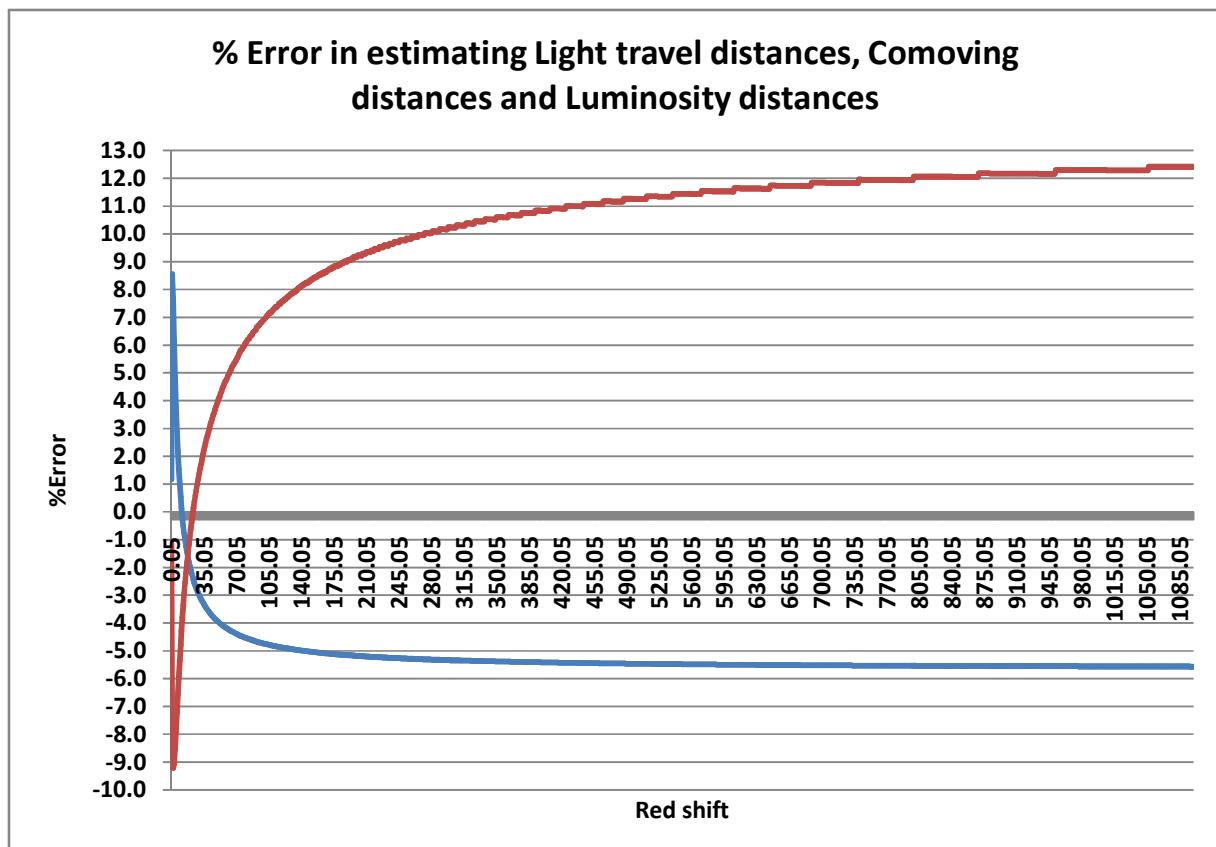
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Table Details

Column-1: Red shift, z
Column-2: Modified Red shift, $z/(1+z)$
Column-3: Light travel distance as per Lambda Cosmology, (LTD_LC)
Column-4: Light travel distance in Hubble-Hawking Cosmology, (LTD_HHC)
Column-5: % error in Light travel distance (Blue curve in the graph), (% Error)
Column-6: Comoving distance as per Lambda Cosmology, (CD_LC)
Column-7: Comoving distance in Hubble-Hawking Cosmology, (CD_HHC)
Column-8: % error in Comoving distance (Red curve in the graph), (% Error)
Column-9: Luminosity distance as per Lambda Cosmology, (LD_LC)
Column-10: Luminosity distance in Hubble-Hawking Cosmology, (LD_HHC)
Column-11: % error in Luminosity distance (Red curve in the graph), (% Error)

Data values:
H_0 = 66.89 km/sec/Mpc
Matter density %= 0.32%
Dark energy density %= 0.68%

% Error in estimating Light travel distances, Comoving distances and Luminosity distances

C++ program for estimating various cosmic distances

```cpp
#include <stdio.h>

#include <math.h>

#include <conio.h>

#include <iostream.h>

#define c 299792.458

int main()

{

  float z=0.05-1.0;

  do{

   z=z+1;

   float H0 = 66.893;          // Hubble constant (km/s/Mpc) - adjust according to taste

   float OM = 0.32;         // Omega(matter) - adjust according to taste

   float OL = 0.68;         // Omega(lambda) - adjust according to taste

   float OR = 0.42/(H0*H0);    // Omega(radiation) - this is the usual textbook value

   long i;

   long n=10000;          // Number of steps in the integral

   float OK = 1-OM-OR-OL;     // Omega(k) defined as 1-OM-OR-OL

   float HD = 3.2616*c/H0/1000;  // Hubble distance (billions of light years).
   See section 2 of Hogg

   float a, adot;        // Redshift "z", Scale Factor "a", and its derivative "adot"

   float DC, DCC=0, DT, DTT=0, DA, DL, DM;

   float age, size;         // The age and size of the universe
```

```
for(i=n; i>=1; i--) {          // This loop is the numerical integration
  a = (i-0.5)/n;               // Steadily decrease the scale factor
                    // Comoving formula (See section 4 of Hogg, but I've added a radiation term too):
  adot = a*sqrt(OM*pow(1/a,3)+OK*pow(1/a,2)+OL+OR*pow(1/a,4));   // Note that "a" is
equivalent to 1/(1+z)
  DCC = DCC + 1/(a*adot)/n;    // Running total of the comoving distance
  DTT = DTT + 1/adot/n;        // Running total of the light travel time (see section 10 of Hogg)
  if (a>=1/(1+z)) {            // Collect DC and DT until the correct scale is reached
    DC = DCC;                  // Comoving distance DC
    DT = DTT;                  // Light travel time DT
  }
}
                    // Transverse comoving distance DM from section 5 of Hogg:
if (OK>0.0001) DM=(1/sqrt(OK))*sinh(sqrt(OK)*DC);
else if (OK<-0.0001) DM=(1/sqrt(fabs(OK)))*sin(sqrt(fabs(OK))*DC);
else DM=DC;
age = HD*DTT;               // Age of the universe (billions of years)
size = HD*DCC;              // Comoving radius of the observable universe
DC = HD*DC;                 // Comoving distance
DA = HD*DM/(1+z);           // Angular diameter distance (section 6 of Hogg)
DL = HD*DM*(1+z);           // Luminosity distance (section 7 of Hogg)
DT = HD*DT;                 // Light travel distance
float dt,zn,cd,ld;
```

```cpp
    zn=(z/(z+1));

    dt=zn*HD;

    cd=exp(zn)*dt;

    ld=cd/(1-zn);

      cout<<z<<","<<zn<<","<<DT<<","<<dt<<","<<((DT-
dt)/DT)*100<<","<<DC<<","<<cd<<","<<((DC-
cd)/DC)*100<<","<<DL<<","<<ld<<","<<((DL-ld)/DL)*100<<endl;

    } while (z<=1100.0);

}
```

z	z/(1+z)	LTD_LC	LTD_HHC	%Error	CD_LC	CD_HHC	%Error	LD_LC	LD_HHC	%Error
0.05	0.048	0.704	0.696	1.174	0.722	0.730	-1.149	0.76	0.767	-1.149
1.05	0.512	8.188	7.487	8.558	11.545	12.495	-8.233	23.67	25.616	-8.233
2.05	0.672	10.643	9.825	7.685	17.618	19.241	-9.211	53.74	58.685	-9.211
3.05	0.753	11.735	11.008	6.197	21.435	23.376	-9.059	86.81	94.674	-9.059
4.05	0.802	12.324	11.723	4.875	24.085	26.142	-8.537	121.63	132.014	-8.537
5.05	0.835	12.681	12.201	3.784	26.056	28.114	-7.898	157.64	170.088	-7.898
6.05	0.858	12.918	12.544	2.894	27.599	29.589	-7.210	194.57	208.602	-7.210
7.05	0.876	13.083	12.802	2.152	28.842	30.733	-6.556	232.18	247.403	-6.556
8.05	0.890	13.204	13.002	1.528	29.873	31.646	-5.936	270.35	286.400	-5.936
9.05	0.900	13.296	13.163	1.000	30.748	32.392	-5.344	309.02	325.537	-5.344
10.05	0.910	13.367	13.295	0.545	31.501	33.012	-4.794	348.09	364.778	-4.794
11.05	0.917	13.424	13.404	0.149	32.158	33.535	-4.283	387.50	404.098	-4.283
12.05	0.923	13.471	13.497	-0.196	32.742	33.983	-3.790	427.28	443.479	-3.790
13.05	0.929	13.509	13.577	-0.505	33.254	34.371	-3.357	467.22	482.909	-3.357
14.05	0.934	13.541	13.646	-0.775	33.726	34.710	-2.916	507.58	522.378	-2.916
15.05	0.938	13.568	13.707	-1.022	34.143	35.008	-2.535	547.99	561.879	-2.535
16.05	0.941	13.591	13.760	-1.245	34.520	35.273	-2.182	588.57	601.407	-2.182
17.05	0.945	13.611	13.808	-1.443	34.876	35.510	-1.818	629.51	640.957	-1.818
18.05	0.948	13.629	13.850	-1.626	35.198	35.723	-1.493	670.52	680.526	-1.493
19.05	0.950	13.644	13.888	-1.794	35.494	35.916	-1.189	711.65	720.111	-1.189
20.05	0.952	13.657	13.923	-1.946	35.774	36.091	-0.886	753.04	759.711	-0.886
21.05	0.955	13.669	13.955	-2.089	36.025	36.250	-0.626	794.35	799.321	-0.626
22.05	0.957	13.680	13.983	-2.218	36.269	36.397	-0.351	836.01	838.943	-0.351
23.05	0.958	13.689	14.010	-2.340	36.494	36.531	-0.101	877.69	878.574	-0.101
24.05	0.960	13.698	14.034	-2.451	36.711	36.655	0.152	919.61	918.213	0.152
25.05	0.962	13.706	14.056	-2.557	36.906	36.770	0.369	961.41	957.859	0.369
26.05	0.963	13.713	14.077	-2.656	37.092	36.877	0.580	1003.33	997.511	0.580
27.05	0.964	13.719	14.096	-2.749	37.267	36.976	0.782	1045.35	1037.170	0.782
28.05	0.966	13.726	14.114	-2.832	37.446	37.068	1.009	1087.81	1076.830	1.009
29.05	0.967	13.731	14.131	-2.915	37.600	37.155	1.184	1129.87	1116.500	1.184
30.05	0.968	13.736	14.147	-2.991	37.756	37.236	1.378	1172.33	1156.170	1.378
31.05	0.969	13.740	14.161	-3.064	37.901	37.312	1.553	1214.71	1195.850	1.553
32.05	0.970	13.744	14.175	-3.134	38.033	37.384	1.706	1256.98	1235.530	1.706
33.05	0.971	13.748	14.188	-3.198	38.167	37.451	1.874	1299.57	1275.210	1.874
34.05	0.971	13.752	14.200	-3.258	38.303	37.515	2.056	1342.50	1314.900	2.056
35.05	0.972	13.756	14.212	-3.316	38.425	37.575	2.212	1385.23	1354.590	2.212
36.05	0.973	13.759	14.223	-3.373	38.534	37.632	2.340	1427.69	1394.280	2.340
37.05	0.974	13.762	14.233	-3.426	38.644	37.686	2.479	1470.41	1433.970	2.479
38.05	0.974	13.765	14.243	-3.476	38.756	37.738	2.627	1513.42	1473.660	2.627
39.05	0.975	13.767	14.252	-3.525	38.853	37.787	2.744	1556.05	1513.360	2.744
40.05	0.976	13.770	14.261	-3.572	38.951	37.833	2.869	1598.93	1553.060	2.869

z	z/(1+z)	LTD_LC	LTD_HHC	%Error	CD_LC	CD_HHC	%Error	LD_LC	LD_HHC	%Error
41.05	0.976	13.772	14.270	-3.615	39.050	37.878	3.002	1642.06	1592.760	3.002
42.05	0.977	13.774	14.278	-3.656	39.151	37.920	3.143	1685.44	1632.460	3.143
43.05	0.977	13.776	14.286	-3.698	39.235	37.961	3.249	1728.32	1672.160	3.249
44.05	0.978	13.778	14.293	-3.737	39.321	37.999	3.361	1771.41	1711.870	3.361
45.05	0.978	13.780	14.300	-3.773	39.408	38.036	3.480	1814.72	1751.580	3.480
46.05	0.979	13.782	14.307	-3.811	39.478	38.072	3.561	1857.43	1791.280	3.561
47.05	0.979	13.783	14.313	-3.844	39.566	38.106	3.690	1901.15	1830.990	3.691
48.05	0.980	13.785	14.319	-3.878	39.638	38.139	3.782	1944.23	1870.700	3.782
49.05	0.980	13.786	14.325	-3.910	39.710	38.170	3.878	1987.48	1910.410	3.878
50.05	0.980	13.788	14.331	-3.941	39.783	38.200	3.978	2030.91	1950.120	3.978
51.05	0.981	13.789	14.337	-3.970	39.856	38.229	4.082	2074.53	1989.830	4.083
52.05	0.981	13.790	14.342	-4.000	39.912	38.257	4.146	2117.34	2029.550	4.146
53.05	0.981	13.792	14.347	-4.026	39.987	38.284	4.259	2161.31	2069.260	4.259
54.05	0.982	13.793	14.352	-4.054	40.044	38.310	4.330	2204.42	2108.980	4.329
55.05	0.982	13.794	14.357	-4.078	40.120	38.335	4.449	2248.75	2148.690	4.449
56.05	0.982	13.795	14.361	-4.104	40.178	38.360	4.527	2292.17	2188.410	4.527
57.05	0.983	13.796	14.366	-4.128	40.237	38.383	4.607	2335.73	2228.130	4.607
58.05	0.983	13.797	14.370	-4.151	40.296	38.405	4.690	2379.45	2267.840	4.690
59.05	0.983	13.798	14.374	-4.176	40.335	38.427	4.730	2422.12	2307.560	4.729
60.05	0.984	13.799	14.378	-4.198	40.395	38.448	4.818	2466.10	2347.280	4.818
61.05	0.984	13.800	14.382	-4.218	40.455	38.469	4.909	2510.23	2387.000	4.909
62.05	0.984	13.800	14.386	-4.240	40.496	38.489	4.955	2553.24	2426.710	4.955
63.05	0.984	13.801	14.389	-4.259	40.557	38.508	5.051	2597.66	2466.440	5.051
64.05	0.985	13.802	14.393	-4.280	40.598	38.527	5.102	2640.89	2506.150	5.102
65.05	0.985	13.803	14.396	-4.297	40.660	38.545	5.202	2685.59	2545.870	5.202
66.05	0.985	13.804	14.399	-4.317	40.702	38.562	5.257	2729.05	2585.600	5.256
67.05	0.985	13.804	14.403	-4.335	40.744	38.579	5.313	2772.62	2625.320	5.312
68.05	0.986	13.805	14.406	-4.353	40.786	38.596	5.370	2816.29	2665.040	5.370
69.05	0.986	13.805	14.409	-4.370	40.829	38.612	5.430	2860.06	2704.770	5.430
70.05	0.986	13.806	14.412	-4.387	40.872	38.628	5.491	2903.94	2744.480	5.491
71.05	0.986	13.807	14.415	-4.403	40.915	38.643	5.554	2947.92	2784.210	5.554
72.05	0.986	13.807	14.417	-4.419	40.959	38.658	5.618	2992.02	2823.930	5.618
73.05	0.986	13.808	14.420	-4.434	41.002	38.672	5.684	3036.22	2863.650	5.684
74.05	0.987	13.808	14.423	-4.448	41.047	38.686	5.751	3080.54	2903.380	5.751
75.05	0.987	13.809	14.425	-4.462	41.091	38.700	5.820	3124.97	2943.100	5.820
76.05	0.987	13.809	14.428	-4.478	41.113	38.713	5.839	3167.79	2982.820	5.839
77.05	0.987	13.810	14.430	-4.491	41.158	38.726	5.910	3212.41	3022.550	5.910
78.05	0.987	13.810	14.433	-4.506	41.181	38.739	5.931	3255.36	3062.280	5.931
79.05	0.988	13.811	14.435	-4.519	41.227	38.751	6.005	3300.18	3102.000	6.005
80.05	0.988	13.811	14.437	-4.531	41.272	38.763	6.081	3345.13	3141.730	6.080
81.05	0.988	13.812	14.439	-4.544	41.296	38.775	6.105	3388.29	3181.440	6.105

z	z/(1+z)	LTD_LC	LTD_HHC	%Error	CD_LC	CD_HHC	%Error	LD_LC	LD_HHC	%Error
82.05	0.988	13.812	14.441	-4.556	41.342	38.786	6.182	3433.44	3221.180	6.182
83.05	0.988	13.812	14.444	-4.569	41.365	38.797	6.208	3476.75	3260.900	6.208
84.05	0.988	13.813	14.446	-4.582	41.389	38.808	6.235	3520.11	3300.630	6.235
85.05	0.988	13.813	14.448	-4.592	41.436	38.819	6.316	3565.56	3340.350	6.316
86.05	0.989	13.814	14.450	-4.604	41.460	38.829	6.345	3609.06	3380.080	6.345
87.05	0.989	13.814	14.451	-4.616	41.484	38.839	6.374	3652.62	3419.810	6.374
88.05	0.989	13.814	14.453	-4.625	41.532	38.849	6.458	3698.38	3459.540	6.458
89.05	0.989	13.815	14.455	-4.636	41.556	38.859	6.489	3742.08	3499.260	6.489
90.05	0.989	13.815	14.457	-4.647	41.580	38.869	6.521	3785.85	3538.980	6.521
91.05	0.989	13.815	14.459	-4.658	41.604	38.878	6.553	3829.67	3578.710	6.553
92.05	0.989	13.816	14.460	-4.666	41.653	38.887	6.641	3875.84	3618.450	6.641
93.05	0.989	13.816	14.462	-4.676	41.678	38.896	6.675	3919.82	3658.170	6.675
94.05	0.989	13.816	14.464	-4.686	41.703	38.905	6.710	3963.85	3697.910	6.709
95.05	0.990	13.817	14.465	-4.696	41.728	38.913	6.745	4007.95	3737.620	6.745
96.05	0.990	13.817	14.467	-4.705	41.753	38.922	6.781	4052.11	3777.350	6.781
97.05	0.990	13.817	14.468	-4.714	41.778	38.930	6.817	4096.33	3817.080	6.817
98.05	0.990	13.817	14.470	-4.723	41.803	38.938	6.854	4140.61	3856.820	6.854
99.05	0.990	13.818	14.471	-4.732	41.829	38.946	6.892	4184.96	3896.550	6.892
100.05	0.990	13.818	14.473	-4.740	41.854	38.954	6.930	4229.37	3936.260	6.930
101.05	0.990	13.818	14.474	-4.749	41.880	38.961	6.969	4273.84	3975.990	6.969
102.05	0.990	13.818	14.476	-4.757	41.906	38.969	7.008	4318.38	4015.710	7.009
103.05	0.990	13.819	14.477	-4.765	41.932	38.976	7.049	4362.98	4055.450	7.049
104.05	0.990	13.819	14.478	-4.773	41.958	38.983	7.089	4407.65	4095.180	7.089
105.05	0.991	13.819	14.480	-4.780	41.984	38.990	7.130	4452.38	4134.910	7.130
106.05	0.991	13.819	14.481	-4.788	42.010	38.997	7.172	4497.18	4174.640	7.172
107.05	0.991	13.819	14.482	-4.797	42.010	39.004	7.156	4539.19	4214.360	7.156
108.05	0.991	13.820	14.483	-4.804	42.037	39.011	7.199	4584.08	4254.090	7.199
109.05	0.991	13.820	14.485	-4.811	42.063	39.017	7.242	4629.05	4293.820	7.242
110.05	0.991	13.820	14.486	-4.818	42.090	39.024	7.285	4674.08	4333.560	7.285
111.05	0.991	13.820	14.487	-4.824	42.117	39.030	7.330	4719.18	4373.280	7.330
112.05	0.991	13.821	14.488	-4.831	42.144	39.036	7.374	4764.35	4413.020	7.374
113.05	0.991	13.821	14.489	-4.839	42.144	39.042	7.360	4806.50	4452.750	7.360
114.05	0.991	13.821	14.490	-4.845	42.171	39.048	7.405	4851.77	4492.490	7.405
115.05	0.991	13.821	14.492	-4.851	42.198	39.054	7.451	4897.11	4532.200	7.451
116.05	0.991	13.821	14.493	-4.857	42.226	39.060	7.498	4942.52	4571.930	7.498
117.05	0.992	13.821	14.494	-4.865	42.226	39.065	7.485	4984.75	4611.650	7.485
118.05	0.992	13.821	14.495	-4.871	42.253	39.071	7.532	5030.26	4651.390	7.532
119.05	0.992	13.822	14.496	-4.877	42.281	39.076	7.580	5075.85	4691.120	7.580
120.05	0.992	13.822	14.497	-4.884	42.281	39.082	7.567	5118.14	4730.870	7.567
121.05	0.992	13.822	14.498	-4.889	42.309	39.087	7.615	5163.83	4770.580	7.615
122.05	0.992	13.822	14.499	-4.895	42.337	39.092	7.664	5209.60	4810.310	7.665

z	z/(1+z)	LTD_LC	LTD_HHC	%Error	CD_LC	CD_HHC	%Error	LD_LC	LD_HHC	%Error
123.05	0.992	13.822	14.500	-4.901	42.337	39.098	7.652	5251.94	4850.030	7.653
124.05	0.992	13.822	14.501	-4.907	42.366	39.103	7.702	5297.81	4889.780	7.702
125.05	0.992	13.823	14.502	-4.912	42.394	39.108	7.752	5343.76	4929.500	7.752
126.05	0.992	13.823	14.502	-4.918	42.394	39.113	7.741	5386.16	4969.240	7.741
127.05	0.992	13.823	14.503	-4.923	42.423	39.117	7.791	5432.22	5008.960	7.792
128.05	0.992	13.823	14.504	-4.928	42.451	39.122	7.843	5478.36	5048.680	7.843
129.05	0.992	13.823	14.505	-4.934	42.451	39.127	7.832	5520.81	5088.430	7.832
130.05	0.992	13.823	14.506	-4.938	42.480	39.131	7.884	5567.06	5128.180	7.884
131.05	0.992	13.823	14.507	-4.945	42.480	39.136	7.873	5609.54	5167.890	7.873
132.05	0.992	13.823	14.508	-4.949	42.510	39.140	7.926	5655.90	5207.620	7.926
133.05	0.993	13.823	14.508	-4.955	42.510	39.145	7.916	5698.41	5247.370	7.915
134.05	0.993	13.824	14.509	-4.959	42.539	39.149	7.969	5744.89	5287.070	7.969
135.05	0.993	13.824	14.510	-4.965	42.539	39.153	7.959	5787.43	5326.800	7.959
136.05	0.993	13.824	14.511	-4.969	42.569	39.158	8.013	5834.02	5366.540	8.013
137.05	0.993	13.824	14.512	-4.973	42.598	39.162	8.067	5880.69	5406.280	8.067
138.05	0.993	13.824	14.512	-4.978	42.598	39.166	8.058	5923.29	5446.010	8.058
139.05	0.993	13.824	14.513	-4.982	42.628	39.170	8.113	5970.08	5485.760	8.112
140.05	0.993	13.824	14.514	-4.987	42.628	39.174	8.104	6012.71	5525.480	8.103
141.05	0.993	13.825	14.515	-4.991	42.658	39.178	8.159	6059.62	5565.190	8.159
142.05	0.993	13.825	14.515	-4.996	42.658	39.182	8.150	6102.28	5604.940	8.150
143.05	0.993	13.825	14.516	-5.000	42.689	39.186	8.207	6149.31	5644.670	8.207
144.05	0.993	13.825	14.517	-5.005	42.689	39.189	8.198	6192.00	5684.400	8.198
145.05	0.993	13.825	14.517	-5.008	42.719	39.193	8.255	6239.16	5724.130	8.255
146.05	0.993	13.825	14.518	-5.013	42.719	39.197	8.246	6281.88	5763.860	8.246
147.05	0.993	13.825	14.519	-5.018	42.719	39.200	8.238	6324.60	5803.610	8.238
148.05	0.993	13.825	14.519	-5.021	42.750	39.204	8.296	6371.90	5843.320	8.296
149.05	0.993	13.825	14.520	-5.026	42.750	39.207	8.287	6414.65	5883.050	8.287
150.05	0.993	13.825	14.521	-5.029	42.781	39.211	8.346	6462.09	5922.770	8.346
151.05	0.993	13.825	14.521	-5.034	42.781	39.214	8.338	6504.87	5962.520	8.338
152.05	0.993	13.826	14.522	-5.037	42.812	39.218	8.397	6552.43	6002.260	8.396
153.05	0.994	13.826	14.523	-5.041	42.812	39.221	8.389	6595.24	6041.960	8.389
154.05	0.994	13.826	14.523	-5.044	42.844	39.224	8.448	6642.94	6081.720	8.448
155.05	0.994	13.826	14.524	-5.048	42.844	39.228	8.441	6685.78	6121.430	8.441
156.05	0.994	13.826	14.524	-5.053	42.844	39.231	8.433	6728.62	6161.190	8.433
157.05	0.994	13.826	14.525	-5.055	42.876	39.234	8.494	6776.48	6200.930	8.493
158.05	0.994	13.826	14.526	-5.060	42.876	39.237	8.486	6819.35	6240.640	8.486
159.05	0.994	13.826	14.526	-5.062	42.908	39.240	8.547	6867.34	6280.360	8.547
160.05	0.994	13.826	14.527	-5.066	42.908	39.243	8.540	6910.25	6320.100	8.540
161.05	0.994	13.826	14.527	-5.070	42.908	39.246	8.533	6953.16	6359.840	8.533
162.05	0.994	13.826	14.528	-5.073	42.940	39.249	8.595	7001.31	6399.580	8.595
163.05	0.994	13.826	14.528	-5.077	42.940	39.252	8.588	7044.25	6439.300	8.588

z	z/(1+z)	LTD_LC	LTD_HHC	%Error	CD_LC	CD_HHC	%Error	LD_LC	LD_HHC	%Error
164.05	0.994	13.826	14.529	-5.081	42.940	39.255	8.581	7087.19	6479.050	8.581
165.05	0.994	13.827	14.529	-5.083	42.972	39.258	8.643	7135.52	6518.770	8.643
166.05	0.994	13.827	14.530	-5.087	42.972	39.261	8.637	7178.49	6558.520	8.637
167.05	0.994	13.827	14.530	-5.091	42.972	39.264	8.630	7221.46	6598.210	8.631
168.05	0.994	13.827	14.531	-5.093	43.005	39.266	8.693	7269.96	6637.970	8.693
169.05	0.994	13.827	14.532	-5.097	43.005	39.269	8.687	7312.97	6677.730	8.687
170.05	0.994	13.827	14.532	-5.099	43.038	39.272	8.751	7361.61	6717.400	8.751
171.05	0.994	13.827	14.533	-5.102	43.038	39.274	8.744	7404.65	6757.130	8.745
172.05	0.994	13.827	14.533	-5.106	43.038	39.277	8.738	7447.69	6796.900	8.738
173.05	0.994	13.827	14.533	-5.108	43.071	39.280	8.803	7496.51	6836.630	8.803
174.05	0.994	13.827	14.534	-5.112	43.071	39.282	8.797	7539.58	6876.390	8.796
175.05	0.994	13.827	14.534	-5.115	43.071	39.285	8.791	7582.65	6916.090	8.791
176.05	0.994	13.827	14.535	-5.117	43.105	39.287	8.856	7631.66	6955.800	8.856
177.05	0.994	13.827	14.535	-5.120	43.105	39.290	8.850	7674.76	6995.520	8.850
178.05	0.994	13.827	14.536	-5.124	43.105	39.292	8.844	7717.87	7035.310	8.844
179.05	0.994	13.827	14.536	-5.127	43.105	39.295	8.839	7760.97	7075.010	8.839
180.05	0.994	13.828	14.537	-5.129	43.138	39.297	8.904	7810.20	7114.760	8.904
181.05	0.995	13.828	14.537	-5.132	43.138	39.300	8.899	7853.34	7154.500	8.899
182.05	0.995	13.828	14.538	-5.135	43.138	39.302	8.893	7896.47	7194.190	8.894
183.05	0.995	13.828	14.538	-5.137	43.172	39.304	8.960	7945.89	7233.930	8.960
184.05	0.995	13.828	14.538	-5.140	43.172	39.307	8.955	7989.06	7273.690	8.954
185.05	0.995	13.828	14.539	-5.143	43.172	39.309	8.949	8032.23	7313.400	8.949
186.05	0.995	13.828	14.539	-5.145	43.207	39.311	9.016	8081.84	7353.120	9.017
187.05	0.995	13.828	14.540	-5.148	43.207	39.313	9.011	8125.05	7392.860	9.012
188.05	0.995	13.828	14.540	-5.151	43.207	39.316	9.006	8168.25	7432.600	9.006
189.05	0.995	13.828	14.541	-5.153	43.207	39.318	9.001	8211.46	7472.330	9.001
190.05	0.995	13.828	14.541	-5.155	43.242	39.320	9.069	8261.30	7512.060	9.069
191.05	0.995	13.828	14.541	-5.158	43.242	39.322	9.064	8304.54	7551.770	9.065
192.05	0.995	13.828	14.542	-5.161	43.242	39.324	9.059	8347.78	7591.550	9.059
193.05	0.995	13.828	14.542	-5.164	43.242	39.326	9.054	8391.02	7631.290	9.054
194.05	0.995	13.828	14.543	-5.165	43.277	39.328	9.123	8441.10	7671.000	9.123
195.05	0.995	13.828	14.543	-5.168	43.277	39.331	9.118	8484.37	7710.760	9.118
196.05	0.995	13.828	14.543	-5.170	43.277	39.333	9.114	8527.65	7750.460	9.114
197.05	0.995	13.828	14.544	-5.172	43.312	39.335	9.183	8577.93	7790.210	9.183
198.05	0.995	13.828	14.544	-5.175	43.312	39.337	9.179	8621.24	7829.980	9.178
199.05	0.995	13.828	14.544	-5.177	43.312	39.339	9.174	8664.55	7869.680	9.174
200.05	0.995	13.828	14.545	-5.180	43.312	39.341	9.169	8707.86	7909.400	9.169
201.05	0.995	13.829	14.545	-5.181	43.348	39.342	9.240	8758.39	7949.130	9.240
202.05	0.995	13.829	14.545	-5.184	43.348	39.344	9.235	8801.73	7988.870	9.235
203.05	0.995	13.829	14.546	-5.186	43.348	39.346	9.231	8845.08	8028.610	9.231
204.05	0.995	13.829	14.546	-5.189	43.348	39.348	9.227	8888.43	8068.350	9.226

z	z/(1+z)	LTD_LC	LTD_HHC	%Error	CD_LC	CD_HHC	%Error	LD_LC	LD_HHC	%Error
205.05	0.995	13.829	14.547	-5.191	43.348	39.350	9.222	8931.78	8108.070	9.222
206.05	0.995	13.829	14.547	-5.192	43.384	39.352	9.293	8982.58	8147.780	9.294
207.05	0.995	13.829	14.547	-5.195	43.384	39.354	9.289	9025.97	8187.560	9.289
208.05	0.995	13.829	14.548	-5.197	43.384	39.356	9.285	9069.35	8227.220	9.285
209.05	0.995	13.829	14.548	-5.200	43.384	39.357	9.281	9112.73	8267.050	9.280
210.05	0.995	13.829	14.548	-5.201	43.420	39.359	9.353	9163.80	8306.730	9.353
211.05	0.995	13.829	14.549	-5.203	43.420	39.361	9.349	9207.22	8346.480	9.349
212.05	0.995	13.829	14.549	-5.205	43.420	39.363	9.345	9250.64	8386.170	9.345
213.05	0.995	13.829	14.549	-5.208	43.420	39.364	9.341	9294.06	8425.920	9.341
214.05	0.995	13.829	14.549	-5.210	43.420	39.366	9.337	9337.48	8465.710	9.336
215.05	0.995	13.829	14.550	-5.211	43.457	39.368	9.410	9388.84	8505.430	9.409
216.05	0.995	13.829	14.550	-5.213	43.457	39.369	9.406	9432.30	8545.080	9.406
217.05	0.995	13.829	14.550	-5.216	43.457	39.371	9.402	9475.75	8584.870	9.402
218.05	0.995	13.829	14.551	-5.218	43.457	39.373	9.398	9519.21	8624.570	9.398
219.05	0.995	13.829	14.551	-5.219	43.494	39.374	9.472	9570.84	8664.300	9.472
220.05	0.995	13.829	14.551	-5.221	43.494	39.376	9.468	9614.33	8704.040	9.468
221.05	0.995	13.829	14.552	-5.223	43.494	39.378	9.464	9657.82	8743.800	9.464
222.05	0.996	13.829	14.552	-5.225	43.494	39.379	9.460	9701.32	8783.560	9.460
223.05	0.996	13.829	14.552	-5.227	43.494	39.381	9.457	9744.81	8823.210	9.457
224.05	0.996	13.830	14.553	-5.228	43.531	39.382	9.531	9796.75	8862.970	9.531
225.05	0.996	13.830	14.553	-5.230	43.531	39.384	9.528	9840.28	8902.730	9.528
226.05	0.996	13.830	14.553	-5.232	43.531	39.385	9.524	9883.81	8942.480	9.524
227.05	0.996	13.830	14.553	-5.234	43.531	39.387	9.521	9927.34	8982.210	9.521
228.05	0.996	13.830	14.554	-5.236	43.531	39.389	9.517	9970.88	9021.920	9.517
229.05	0.996	13.830	14.554	-5.237	43.569	39.390	9.593	10023.10	9061.600	9.593
230.05	0.996	13.830	14.554	-5.239	43.569	39.391	9.589	10066.70	9101.380	9.589
231.05	0.996	13.830	14.554	-5.241	43.569	39.393	9.586	10110.30	9141.120	9.586
232.05	0.996	13.830	14.555	-5.243	43.569	39.394	9.582	10153.80	9180.830	9.583
233.05	0.996	13.830	14.555	-5.245	43.569	39.396	9.579	10197.40	9220.620	9.579
234.05	0.996	13.830	14.555	-5.247	43.569	39.397	9.576	10241.00	9260.350	9.575
235.05	0.996	13.830	14.556	-5.247	43.608	39.399	9.652	10293.60	9300.040	9.652
236.05	0.996	13.830	14.556	-5.249	43.608	39.400	9.649	10337.20	9339.790	9.649
237.05	0.996	13.830	14.556	-5.251	43.608	39.402	9.646	10380.80	9379.480	9.646
238.05	0.996	13.830	14.556	-5.253	43.608	39.403	9.642	10424.40	9419.240	9.643
239.05	0.996	13.830	14.557	-5.255	43.608	39.404	9.639	10468.00	9458.920	9.640
240.05	0.996	13.830	14.557	-5.255	43.647	39.406	9.716	10521.00	9498.660	9.717
241.05	0.996	13.830	14.557	-5.257	43.647	39.407	9.713	10564.60	9538.460	9.713
242.05	0.996	13.830	14.557	-5.259	43.647	39.408	9.710	10608.30	9578.170	9.710
243.05	0.996	13.830	14.558	-5.261	43.647	39.410	9.707	10651.90	9617.920	9.707
244.05	0.996	13.830	14.558	-5.263	43.647	39.411	9.704	10695.60	9657.720	9.703
245.05	0.996	13.830	14.558	-5.264	43.647	39.412	9.701	10739.20	9697.420	9.701

z	z/(1+z)	LTD_LC	LTD_HHC	%Error	CD_LC	CD_HHC	%Error	LD_LC	LD_HHC	%Error
246.05	0.996	13.830	14.558	-5.265	43.686	39.414	9.779	10792.50	9737.150	9.779
247.05	0.996	13.830	14.559	-5.267	43.686	39.415	9.776	10836.20	9776.920	9.776
248.05	0.996	13.830	14.559	-5.268	43.686	39.416	9.773	10879.90	9816.570	9.774
249.05	0.996	13.830	14.559	-5.270	43.686	39.417	9.770	10923.60	9856.390	9.770
250.05	0.996	13.830	14.559	-5.272	43.686	39.419	9.768	10967.30	9896.080	9.767
251.05	0.996	13.830	14.559	-5.273	43.686	39.420	9.765	11011.00	9935.800	9.765
252.05	0.996	13.830	14.560	-5.275	43.686	39.421	9.762	11054.70	9975.520	9.762
253.05	0.996	13.830	14.560	-5.276	43.725	39.422	9.841	11108.40	10015.300	9.841
254.05	0.996	13.830	14.560	-5.277	43.725	39.424	9.838	11152.10	10055.000	9.838
255.05	0.996	13.830	14.560	-5.279	43.725	39.425	9.835	11195.90	10094.800	9.835
256.05	0.996	13.830	14.561	-5.280	43.725	39.426	9.833	11239.60	10134.500	9.832
257.05	0.996	13.830	14.561	-5.282	43.725	39.427	9.830	11283.30	10174.200	9.829
258.05	0.996	13.830	14.561	-5.284	43.725	39.428	9.827	11327.00	10214.000	9.827
259.05	0.996	13.830	14.561	-5.284	43.766	39.430	9.907	11381.20	10253.700	9.907
260.05	0.996	13.830	14.561	-5.285	43.766	39.431	9.905	11425.00	10293.400	9.904
261.05	0.996	13.830	14.562	-5.287	43.766	39.432	9.902	11468.70	10333.100	9.902
262.05	0.996	13.830	14.562	-5.289	43.766	39.433	9.899	11512.50	10372.800	9.900
263.05	0.996	13.830	14.562	-5.290	43.766	39.434	9.897	11556.30	10412.600	9.897
264.05	0.996	13.830	14.562	-5.292	43.766	39.435	9.894	11600.00	10452.400	9.894
265.05	0.996	13.830	14.563	-5.293	43.766	39.436	9.892	11643.80	10492.100	9.891
266.05	0.996	13.831	14.563	-5.293	43.806	39.438	9.973	11698.40	10531.800	9.972
267.05	0.996	13.831	14.563	-5.295	43.806	39.439	9.970	11742.20	10571.500	9.970
268.05	0.996	13.831	14.563	-5.296	43.806	39.440	9.968	11786.00	10611.300	9.967
269.05	0.996	13.831	14.563	-5.298	43.806	39.441	9.965	11829.80	10651.000	9.965
270.05	0.996	13.831	14.564	-5.299	43.806	39.442	9.963	11873.60	10690.700	9.962
271.05	0.996	13.831	14.564	-5.301	43.806	39.443	9.960	11917.50	10730.400	9.961
272.05	0.996	13.831	14.564	-5.302	43.806	39.444	9.958	11961.30	10770.100	9.958
273.05	0.996	13.831	14.564	-5.302	43.847	39.445	10.040	12016.30	10809.800	10.041
274.05	0.996	13.831	14.564	-5.304	43.847	39.446	10.037	12060.20	10849.700	10.038
275.05	0.996	13.831	14.565	-5.305	43.847	39.447	10.035	12104.00	10889.400	10.035
276.05	0.996	13.831	14.565	-5.307	43.847	39.448	10.033	12147.90	10929.100	10.033
277.05	0.996	13.831	14.565	-5.308	43.847	39.449	10.030	12191.70	10968.800	10.031
278.05	0.996	13.831	14.565	-5.309	43.847	39.450	10.028	12235.60	11008.500	10.029
279.05	0.996	13.831	14.565	-5.311	43.847	39.451	10.026	12279.40	11048.300	10.026
280.05	0.996	13.831	14.565	-5.312	43.847	39.452	10.023	12323.30	11088.000	10.024
281.05	0.996	13.831	14.566	-5.312	43.889	39.453	10.107	12378.90	11127.800	10.106
282.05	0.996	13.831	14.566	-5.314	43.889	39.454	10.104	12422.80	11167.500	10.104
283.05	0.996	13.831	14.566	-5.315	43.889	39.455	10.102	12466.70	11207.300	10.102
284.05	0.996	13.831	14.566	-5.316	43.889	39.456	10.100	12510.50	11247.000	10.100
285.05	0.997	13.831	14.566	-5.317	43.889	39.457	10.098	12554.40	11286.800	10.097
286.05	0.997	13.831	14.567	-5.319	43.889	39.458	10.096	12598.30	11326.500	10.096

z	z/(1+z)	LTD_LC	LTD_HHC	%Error	CD_LC	CD_HHC	%Error	LD_LC	LD_HHC	%Error
287.05	0.997	13.831	14.567	-5.320	43.889	39.459	10.093	12642.20	11366.200	10.093
288.05	0.997	13.831	14.567	-5.321	43.889	39.460	10.091	12686.10	11405.900	10.092
289.05	0.997	13.831	14.567	-5.321	43.931	39.461	10.175	12742.20	11445.800	10.175
290.05	0.997	13.831	14.567	-5.323	43.931	39.462	10.173	12786.20	11485.300	10.174
291.05	0.997	13.831	14.567	-5.324	43.931	39.463	10.171	12830.10	11525.200	10.171
292.05	0.997	13.831	14.568	-5.325	43.931	39.464	10.169	12874.00	11564.900	10.169
293.05	0.997	13.831	14.568	-5.326	43.931	39.465	10.167	12918.00	11604.500	10.168
294.05	0.997	13.831	14.568	-5.328	43.931	39.466	10.165	12961.90	11644.400	10.165
295.05	0.997	13.831	14.568	-5.329	43.931	39.467	10.163	13005.80	11684.100	10.163
296.05	0.997	13.831	14.568	-5.330	43.931	39.467	10.161	13049.80	11723.900	10.160
297.05	0.997	13.831	14.568	-5.331	43.931	39.468	10.159	13093.70	11763.500	10.159
298.05	0.997	13.831	14.569	-5.331	43.974	39.469	10.244	13150.40	11803.200	10.245
299.05	0.997	13.831	14.569	-5.332	43.974	39.470	10.242	13194.40	11842.900	10.243
300.05	0.997	13.831	14.569	-5.334	43.974	39.471	10.240	13238.40	11882.700	10.240
301.05	0.997	13.831	14.569	-5.335	43.974	39.472	10.238	13282.30	11922.400	10.239
302.05	0.997	13.831	14.569	-5.336	43.974	39.473	10.236	13326.30	11962.200	10.236
303.05	0.997	13.831	14.569	-5.337	43.974	39.474	10.234	13370.30	12002.000	10.234
304.05	0.997	13.831	14.570	-5.338	43.974	39.474	10.232	13414.30	12041.700	10.232
305.05	0.997	13.831	14.570	-5.339	43.974	39.475	10.231	13458.20	12081.300	10.231
306.05	0.997	13.831	14.570	-5.341	43.974	39.476	10.229	13502.20	12121.100	10.229
307.05	0.997	13.831	14.570	-5.341	44.017	39.477	10.315	13559.60	12160.800	10.316
308.05	0.997	13.831	14.570	-5.342	44.017	39.478	10.313	13603.60	12200.700	10.313
309.05	0.997	13.831	14.570	-5.343	44.017	39.479	10.311	13647.60	12240.400	10.311
310.05	0.997	13.831	14.570	-5.344	44.017	39.479	10.310	13691.60	12280.100	10.309
311.05	0.997	13.831	14.571	-5.345	44.017	39.480	10.308	13735.60	12319.700	10.309
312.05	0.997	13.831	14.571	-5.346	44.017	39.481	10.306	13779.60	12359.500	10.306
313.05	0.997	13.831	14.571	-5.347	44.017	39.482	10.304	13823.70	12399.300	10.304
314.05	0.997	13.831	14.571	-5.348	44.017	39.483	10.302	13867.70	12438.900	10.303
315.05	0.997	13.831	14.571	-5.349	44.017	39.483	10.300	13911.70	12478.700	10.300
316.05	0.997	13.831	14.571	-5.350	44.017	39.484	10.299	13955.70	12518.400	10.299
317.05	0.997	13.831	14.572	-5.350	44.061	39.485	10.387	14013.70	12558.300	10.386
318.05	0.997	13.831	14.572	-5.351	44.061	39.486	10.385	14057.80	12597.900	10.385
319.05	0.997	13.831	14.572	-5.352	44.061	39.487	10.383	14101.90	12637.600	10.384
320.05	0.997	13.831	14.572	-5.353	44.061	39.487	10.381	14145.90	12677.500	10.381
321.05	0.997	13.831	14.572	-5.354	44.061	39.488	10.380	14190.00	12717.200	10.379
322.05	0.997	13.831	14.572	-5.355	44.061	39.489	10.378	14234.00	12756.800	10.378
323.05	0.997	13.831	14.572	-5.356	44.061	39.490	10.376	14278.10	12796.500	10.377
324.05	0.997	13.831	14.573	-5.357	44.061	39.490	10.374	14322.20	12836.400	10.374
325.05	0.997	13.831	14.573	-5.358	44.061	39.491	10.373	14366.20	12876.100	10.373
326.05	0.997	13.831	14.573	-5.359	44.061	39.492	10.371	14410.30	12915.700	10.372
327.05	0.997	13.832	14.573	-5.359	44.106	39.493	10.460	14469.00	12955.600	10.460

z	z/(1+z)	LTD_LC	LTD_HHC	%Error	CD_LC	CD_HHC	%Error	LD_LC	LD_HHC	%Error
328.05	0.997	13.832	14.573	-5.360	44.106	39.493	10.458	14513.10	12995.200	10.459
329.05	0.997	13.832	14.573	-5.361	44.106	39.494	10.457	14557.20	13035.100	10.456
330.05	0.997	13.832	14.573	-5.362	44.106	39.495	10.455	14601.30	13074.700	10.456
331.05	0.997	13.832	14.573	-5.363	44.106	39.496	10.454	14645.40	13114.500	10.453
332.05	0.997	13.832	14.574	-5.364	44.106	39.496	10.452	14689.50	13154.300	10.451
333.05	0.997	13.832	14.574	-5.365	44.106	39.497	10.450	14733.70	13193.900	10.451
334.05	0.997	13.832	14.574	-5.366	44.106	39.498	10.449	14777.80	13233.600	10.449
335.05	0.997	13.832	14.574	-5.367	44.106	39.498	10.447	14821.90	13273.300	10.448
336.05	0.997	13.832	14.574	-5.368	44.106	39.499	10.446	14866.00	13313.000	10.446
337.05	0.997	13.832	14.574	-5.369	44.106	39.500	10.444	14910.10	13353.000	10.443
338.05	0.997	13.832	14.574	-5.369	44.152	39.500	10.534	14969.60	13392.600	10.534
339.05	0.997	13.832	14.574	-5.370	44.152	39.501	10.533	15013.70	13432.500	10.532
340.05	0.997	13.832	14.575	-5.371	44.152	39.502	10.531	15057.90	13472.000	10.532
341.05	0.997	13.832	14.575	-5.372	44.152	39.502	10.530	15102.00	13511.800	10.530
342.05	0.997	13.832	14.575	-5.372	44.152	39.503	10.528	15146.20	13551.600	10.528
343.05	0.997	13.832	14.575	-5.373	44.152	39.504	10.527	15190.30	13591.200	10.527
344.05	0.997	13.832	14.575	-5.374	44.152	39.505	10.525	15234.50	13630.900	10.526
345.05	0.997	13.832	14.575	-5.375	44.152	39.505	10.524	15278.60	13670.800	10.524
346.05	0.997	13.832	14.575	-5.376	44.152	39.506	10.522	15322.80	13710.600	10.522
347.05	0.997	13.832	14.575	-5.377	44.152	39.506	10.521	15366.90	13750.300	10.520
348.05	0.997	13.832	14.576	-5.378	44.152	39.507	10.519	15411.10	13790.100	10.519
349.05	0.997	13.832	14.576	-5.379	44.152	39.508	10.518	15455.20	13829.700	10.518
350.05	0.997	13.832	14.576	-5.378	44.198	39.508	10.610	15515.60	13869.300	10.611
351.05	0.997	13.832	14.576	-5.379	44.198	39.509	10.608	15559.80	13909.100	10.609
352.05	0.997	13.832	14.576	-5.380	44.198	39.510	10.607	15604.00	13948.800	10.607
353.05	0.997	13.832	14.576	-5.381	44.198	39.510	10.605	15648.20	13988.500	10.606
354.05	0.997	13.832	14.576	-5.382	44.198	39.511	10.604	15692.40	14028.400	10.604
355.05	0.997	13.832	14.576	-5.383	44.198	39.512	10.603	15736.60	14068.200	10.602
356.05	0.997	13.832	14.577	-5.384	44.198	39.512	10.601	15780.70	14107.900	10.600
357.05	0.997	13.832	14.577	-5.384	44.198	39.513	10.600	15824.90	14147.600	10.599
358.05	0.997	13.832	14.577	-5.385	44.198	39.513	10.598	15869.10	14187.200	10.599
359.05	0.997	13.832	14.577	-5.386	44.198	39.514	10.597	15913.30	14227.000	10.597
360.05	0.997	13.832	14.577	-5.387	44.198	39.515	10.596	15957.50	14266.700	10.596
361.05	0.997	13.832	14.577	-5.388	44.198	39.515	10.594	16001.70	14306.300	10.595
362.05	0.997	13.832	14.577	-5.388	44.198	39.516	10.593	16045.90	14346.200	10.593
363.05	0.997	13.832	14.577	-5.388	44.244	39.516	10.686	16107.20	14385.900	10.686
364.05	0.997	13.832	14.577	-5.389	44.244	39.517	10.685	16151.40	14425.600	10.685
365.05	0.997	13.832	14.578	-5.390	44.244	39.518	10.683	16195.70	14465.500	10.683
366.05	0.997	13.832	14.578	-5.391	44.244	39.518	10.682	16239.90	14505.200	10.682
367.05	0.997	13.832	14.578	-5.391	44.244	39.519	10.681	16284.20	14544.900	10.681
368.05	0.997	13.832	14.578	-5.392	44.244	39.519	10.679	16328.40	14584.500	10.680

z	z/(1+z)	LTD_LC	LTD_HHC	%Error	CD_LC	CD_HHC	%Error	LD_LC	LD_HHC	%Error
369.05	0.997	13.832	14.578	-5.393	44.244	39.520	10.678	16372.70	14624.300	10.679
370.05	0.997	13.832	14.578	-5.394	44.244	39.521	10.677	16416.90	14663.900	10.678
371.05	0.997	13.832	14.578	-5.394	44.244	39.521	10.676	16461.10	14703.800	10.676
372.05	0.997	13.832	14.578	-5.395	44.244	39.522	10.674	16505.40	14743.600	10.674
373.05	0.997	13.832	14.578	-5.396	44.244	39.522	10.673	16549.60	14783.300	10.673
374.05	0.997	13.832	14.578	-5.397	44.244	39.523	10.672	16593.90	14823.100	10.671
375.05	0.997	13.832	14.579	-5.398	44.244	39.523	10.670	16638.10	14862.900	10.670
376.05	0.997	13.832	14.579	-5.398	44.244	39.524	10.669	16682.40	14902.500	10.669
377.05	0.997	13.832	14.579	-5.398	44.292	39.525	10.764	16744.60	14942.300	10.763
378.05	0.997	13.832	14.579	-5.399	44.292	39.525	10.763	16788.90	14982.000	10.762
379.05	0.997	13.832	14.579	-5.399	44.292	39.526	10.762	16833.20	15021.600	10.762
380.05	0.997	13.832	14.579	-5.400	44.292	39.526	10.760	16877.50	15061.400	10.760
381.05	0.997	13.832	14.579	-5.401	44.292	39.527	10.759	16921.80	15101.000	10.760
382.05	0.997	13.832	14.579	-5.402	44.292	39.527	10.758	16966.10	15140.900	10.758
383.05	0.997	13.832	14.579	-5.402	44.292	39.528	10.757	17010.40	15180.600	10.757
384.05	0.997	13.832	14.580	-5.403	44.292	39.528	10.755	17054.70	15220.200	10.756
385.05	0.997	13.832	14.580	-5.404	44.292	39.529	10.754	17098.90	15260.000	10.755
386.05	0.997	13.832	14.580	-5.405	44.292	39.529	10.753	17143.20	15300.000	10.752
387.05	0.997	13.832	14.580	-5.405	44.292	39.530	10.752	17187.50	15339.500	10.753
388.05	0.997	13.832	14.580	-5.406	44.292	39.530	10.751	17231.80	15379.100	10.752
389.05	0.997	13.832	14.580	-5.407	44.292	39.531	10.749	17276.10	15419.000	10.749
390.05	0.997	13.832	14.580	-5.407	44.292	39.531	10.748	17320.40	15458.800	10.748
391.05	0.997	13.832	14.580	-5.408	44.292	39.532	10.747	17364.70	15498.300	10.748
392.05	0.997	13.832	14.580	-5.408	44.341	39.533	10.844	17428.00	15538.100	10.844
393.05	0.997	13.832	14.580	-5.408	44.341	39.533	10.842	17472.40	15578.100	10.842
394.05	0.997	13.832	14.580	-5.409	44.341	39.534	10.841	17516.70	15617.600	10.842
395.05	0.997	13.832	14.581	-5.410	44.341	39.534	10.840	17561.10	15657.600	10.839
396.05	0.997	13.832	14.581	-5.410	44.341	39.535	10.839	17605.40	15697.000	10.840
397.05	0.997	13.832	14.581	-5.411	44.341	39.535	10.838	17649.70	15736.700	10.839
398.05	0.997	13.832	14.581	-5.412	44.341	39.536	10.837	17694.10	15776.600	10.837
399.05	0.998	13.832	14.581	-5.412	44.341	39.536	10.836	17738.40	15816.300	10.836
400.05	0.998	13.832	14.581	-5.413	44.341	39.537	10.834	17782.80	15856.200	10.834
401.05	0.998	13.832	14.581	-5.414	44.341	39.537	10.833	17827.10	15895.900	10.833
402.05	0.998	13.832	14.581	-5.414	44.341	39.538	10.832	17871.40	15935.400	10.833
403.05	0.998	13.832	14.581	-5.415	44.341	39.538	10.831	17915.80	15975.200	10.832
404.05	0.998	13.832	14.581	-5.416	44.341	39.538	10.830	17960.10	16015.100	10.830
405.05	0.998	13.832	14.581	-5.416	44.341	39.539	10.829	18004.50	16054.800	10.829
406.05	0.998	13.832	14.582	-5.417	44.341	39.539	10.828	18048.80	16094.400	10.829
407.05	0.998	13.832	14.582	-5.418	44.341	39.540	10.827	18093.10	16134.100	10.828
408.05	0.998	13.832	14.582	-5.417	44.390	39.540	10.925	18157.70	16174.000	10.925
409.05	0.998	13.832	14.582	-5.418	44.390	39.541	10.924	18202.10	16213.700	10.924

z	z/(1+z)	LTD_LC	LTD_HHC	%Error	CD_LC	CD_HHC	%Error	LD_LC	LD_HHC	%Error
410.05	0.998	13.832	14.582	-5.419	44.390	39.541	10.923	18246.40	16253.300	10.924
411.05	0.998	13.832	14.582	-5.419	44.390	39.542	10.922	18290.80	16293.400	10.921
412.05	0.998	13.832	14.582	-5.420	44.390	39.542	10.921	18335.20	16332.900	10.921
413.05	0.998	13.832	14.582	-5.420	44.390	39.543	10.920	18379.60	16372.600	10.920
414.05	0.998	13.832	14.582	-5.421	44.390	39.543	10.919	18424.00	16412.400	10.918
415.05	0.998	13.832	14.582	-5.422	44.390	39.544	10.918	18468.40	16452.100	10.918
416.05	0.998	13.832	14.582	-5.422	44.390	39.544	10.916	18512.80	16492.000	10.916
417.05	0.998	13.832	14.583	-5.423	44.390	39.545	10.915	18557.20	16531.600	10.915
418.05	0.998	13.832	14.583	-5.424	44.390	39.545	10.914	18601.60	16571.400	10.914
419.05	0.998	13.832	14.583	-5.424	44.390	39.545	10.913	18646.00	16611.100	10.913
420.05	0.998	13.832	14.583	-5.425	44.390	39.546	10.912	18690.30	16650.800	10.912
421.05	0.998	13.832	14.583	-5.425	44.390	39.546	10.911	18734.70	16690.400	10.912
422.05	0.998	13.832	14.583	-5.426	44.390	39.547	10.910	18779.10	16730.200	10.911
423.05	0.998	13.832	14.583	-5.426	44.390	39.547	10.909	18823.50	16770.100	10.909
424.05	0.998	13.832	14.583	-5.427	44.390	39.548	10.908	18867.90	16809.800	10.908
425.05	0.998	13.833	14.583	-5.427	44.440	39.548	11.008	18933.70	16849.200	11.009
426.05	0.998	13.833	14.583	-5.427	44.440	39.549	11.007	18978.10	16889.300	11.007
427.05	0.998	13.833	14.583	-5.428	44.440	39.549	11.006	19022.60	16928.700	11.007
428.05	0.998	13.833	14.583	-5.428	44.440	39.549	11.005	19067.00	16968.700	11.005
429.05	0.998	13.833	14.583	-5.429	44.440	39.550	11.004	19111.50	17008.500	11.004
430.05	0.998	13.833	14.584	-5.430	44.440	39.550	11.003	19155.90	17048.000	11.004
431.05	0.998	13.833	14.584	-5.430	44.440	39.551	11.002	19200.30	17087.700	11.003
432.05	0.998	13.833	14.584	-5.431	44.440	39.551	11.001	19244.80	17127.600	11.001
433.05	0.998	13.833	14.584	-5.431	44.440	39.552	11.001	19289.20	17167.200	11.001
434.05	0.998	13.833	14.584	-5.432	44.440	39.552	11.000	19333.70	17207.000	11.000
435.05	0.998	13.833	14.584	-5.432	44.440	39.552	10.999	19378.10	17247.000	10.998
436.05	0.998	13.833	14.584	-5.433	44.440	39.553	10.998	19422.60	17286.700	10.997
437.05	0.998	13.833	14.584	-5.434	44.440	39.553	10.997	19467.00	17326.200	10.997
438.05	0.998	13.833	14.584	-5.434	44.440	39.554	10.996	19511.40	17365.800	10.997
439.05	0.998	13.833	14.584	-5.435	44.440	39.554	10.995	19555.90	17405.600	10.996
440.05	0.998	13.833	14.584	-5.435	44.440	39.554	10.994	19600.30	17445.600	10.993
441.05	0.998	13.833	14.584	-5.436	44.440	39.555	10.993	19644.80	17485.300	10.993
442.05	0.998	13.833	14.584	-5.436	44.440	39.555	10.992	19689.20	17524.700	10.993
443.05	0.998	13.833	14.585	-5.437	44.440	39.556	10.991	19733.60	17564.800	10.991
444.05	0.998	13.833	14.585	-5.436	44.491	39.556	11.093	19800.90	17604.600	11.092
445.05	0.998	13.833	14.585	-5.437	44.491	39.556	11.092	19845.40	17644.100	11.092
446.05	0.998	13.833	14.585	-5.438	44.491	39.557	11.091	19889.90	17683.700	11.092
447.05	0.998	13.833	14.585	-5.438	44.491	39.557	11.090	19934.30	17723.600	11.090
448.05	0.998	13.833	14.585	-5.439	44.491	39.558	11.089	19978.80	17763.100	11.090
449.05	0.998	13.833	14.585	-5.439	44.491	39.558	11.088	20023.30	17802.900	11.089
450.05	0.998	13.833	14.585	-5.440	44.491	39.558	11.088	20067.80	17842.800	11.088

z	z/(1+z)	LTD_LC	LTD_HHC	%Error	CD_LC	CD_HHC	%Error	LD_LC	LD_HHC	%Error
451.05	0.998	13.833	14.585	-5.440	44.491	39.559	11.087	20112.30	17882.400	11.088
452.05	0.998	13.833	14.585	-5.441	44.491	39.559	11.086	20156.80	17922.100	11.086
453.05	0.998	13.833	14.585	-5.441	44.491	39.560	11.085	20201.30	17962.100	11.085
454.05	0.998	13.833	14.585	-5.442	44.491	39.560	11.084	20245.80	18001.700	11.084
455.05	0.998	13.833	14.585	-5.442	44.491	39.560	11.083	20290.30	18041.500	11.083
456.05	0.998	13.833	14.585	-5.443	44.491	39.561	11.082	20334.80	18081.000	11.083
457.05	0.998	13.833	14.586	-5.443	44.491	39.561	11.081	20379.30	18121.200	11.080
458.05	0.998	13.833	14.586	-5.444	44.491	39.561	11.081	20423.80	18160.500	11.081
459.05	0.998	13.833	14.586	-5.444	44.491	39.562	11.080	20468.20	18200.500	11.079
460.05	0.998	13.833	14.586	-5.445	44.491	39.562	11.079	20512.70	18240.200	11.079
461.05	0.998	13.833	14.586	-5.445	44.491	39.563	11.078	20557.20	18280.100	11.077
462.05	0.998	13.833	14.586	-5.446	44.491	39.563	11.077	20601.70	18319.600	11.077
463.05	0.998	13.833	14.586	-5.446	44.491	39.563	11.076	20646.20	18359.300	11.077
464.05	0.998	13.833	14.586	-5.447	44.491	39.564	11.076	20690.70	18399.200	11.075
465.05	0.998	13.833	14.586	-5.446	44.544	39.564	11.179	20759.60	18438.700	11.180
466.05	0.998	13.833	14.586	-5.447	44.544	39.564	11.178	20804.10	18478.400	11.179
467.05	0.998	13.833	14.586	-5.447	44.544	39.565	11.178	20848.60	18518.200	11.178
468.05	0.998	13.833	14.586	-5.448	44.544	39.565	11.177	20893.20	18557.800	11.178
469.05	0.998	13.833	14.586	-5.448	44.544	39.566	11.176	20937.70	18598.000	11.175
470.05	0.998	13.833	14.586	-5.449	44.544	39.566	11.175	20982.30	18637.300	11.176
471.05	0.998	13.833	14.587	-5.449	44.544	39.566	11.174	21026.80	18677.300	11.174
472.05	0.998	13.833	14.587	-5.450	44.544	39.567	11.174	21071.40	18717.000	11.173
473.05	0.998	13.833	14.587	-5.450	44.544	39.567	11.173	21115.90	18756.800	11.172
474.05	0.998	13.833	14.587	-5.451	44.544	39.567	11.172	21160.40	18796.300	11.173
475.05	0.998	13.833	14.587	-5.451	44.544	39.568	11.171	21205.00	18835.900	11.172
476.05	0.998	13.833	14.587	-5.452	44.544	39.568	11.170	21249.50	18875.700	11.171
477.05	0.998	13.833	14.587	-5.452	44.544	39.568	11.170	21294.10	18915.700	11.169
478.05	0.998	13.833	14.587	-5.452	44.544	39.569	11.169	21338.60	18955.300	11.169
479.05	0.998	13.833	14.587	-5.453	44.544	39.569	11.168	21383.20	18995.000	11.168
480.05	0.998	13.833	14.587	-5.453	44.544	39.569	11.167	21427.70	19035.000	11.167
481.05	0.998	13.833	14.587	-5.454	44.544	39.570	11.167	21472.30	19074.500	11.167
482.05	0.998	13.833	14.587	-5.454	44.544	39.570	11.166	21516.80	19114.200	11.166
483.05	0.998	13.833	14.587	-5.455	44.544	39.570	11.165	21561.30	19154.100	11.165
484.05	0.998	13.833	14.587	-5.455	44.544	39.571	11.164	21605.90	19193.600	11.165
485.05	0.998	13.833	14.587	-5.456	44.544	39.571	11.163	21650.40	19233.800	11.162
486.05	0.998	13.833	14.587	-5.456	44.544	39.571	11.163	21695.00	19273.000	11.164
487.05	0.998	13.833	14.588	-5.456	44.597	39.572	11.268	21765.60	19313.000	11.268
488.05	0.998	13.833	14.588	-5.456	44.597	39.572	11.268	21810.20	19352.500	11.268
489.05	0.998	13.833	14.588	-5.457	44.597	39.572	11.267	21854.80	19392.300	11.268
490.05	0.998	13.833	14.588	-5.457	44.597	39.573	11.266	21899.40	19432.200	11.266
491.05	0.998	13.833	14.588	-5.457	44.597	39.573	11.265	21944.00	19471.700	11.266

z	z/(1+z)	LTD_LC	LTD_HHC	%Error	CD_LC	CD_HHC	%Error	LD_LC	LD_HHC	%Error
492.05	0.998	13.833	14.588	-5.458	44.597	39.573	11.265	21988.60	19511.900	11.264
493.05	0.998	13.833	14.588	-5.458	44.597	39.574	11.264	22033.20	19551.100	11.265
494.05	0.998	13.833	14.588	-5.459	44.597	39.574	11.263	22077.70	19591.100	11.263
495.05	0.998	13.833	14.588	-5.459	44.597	39.574	11.262	22122.30	19630.600	11.263
496.05	0.998	13.833	14.588	-5.460	44.597	39.575	11.262	22166.90	19670.300	11.263
497.05	0.998	13.833	14.588	-5.460	44.597	39.575	11.261	22211.50	19710.200	11.262
498.05	0.998	13.833	14.588	-5.460	44.597	39.575	11.260	22256.10	19750.200	11.259
499.05	0.998	13.833	14.588	-5.461	44.597	39.576	11.260	22300.70	19789.800	11.259
500.05	0.998	13.833	14.588	-5.461	44.597	39.576	11.259	22345.30	19829.600	11.259
501.05	0.998	13.833	14.588	-5.462	44.597	39.576	11.258	22389.90	19869.500	11.257
502.05	0.998	13.833	14.588	-5.462	44.597	39.577	11.257	22434.50	19909.000	11.257
503.05	0.998	13.833	14.588	-5.463	44.597	39.577	11.257	22479.10	19948.600	11.257
504.05	0.998	13.833	14.589	-5.463	44.597	39.577	11.256	22523.70	19988.400	11.256
505.05	0.998	13.833	14.589	-5.463	44.597	39.578	11.255	22568.30	20028.300	11.255
506.05	0.998	13.833	14.589	-5.464	44.597	39.578	11.255	22612.90	20067.800	11.255
507.05	0.998	13.833	14.589	-5.464	44.597	39.578	11.254	22657.50	20107.500	11.255
508.05	0.998	13.833	14.589	-5.465	44.597	39.578	11.253	22702.10	20147.300	11.254
509.05	0.998	13.833	14.589	-5.465	44.597	39.579	11.253	22746.70	20187.300	11.252
510.05	0.998	13.833	14.589	-5.465	44.597	39.579	11.252	22791.30	20226.800	11.252
511.05	0.998	13.833	14.589	-5.466	44.597	39.579	11.251	22835.90	20266.500	11.252
512.05	0.998	13.833	14.589	-5.465	44.652	39.580	11.359	22908.50	20306.300	11.359
513.05	0.998	13.833	14.589	-5.466	44.652	39.580	11.358	22953.10	20346.200	11.357
514.05	0.998	13.833	14.589	-5.466	44.652	39.580	11.358	22997.80	20385.800	11.358
515.05	0.998	13.833	14.589	-5.467	44.652	39.581	11.357	23042.40	20425.400	11.357
516.05	0.998	13.833	14.589	-5.467	44.652	39.581	11.356	23087.10	20465.200	11.356
517.05	0.998	13.833	14.589	-5.467	44.652	39.581	11.356	23131.70	20505.200	11.355
518.05	0.998	13.833	14.589	-5.468	44.652	39.581	11.355	23176.40	20544.700	11.355
519.05	0.998	13.833	14.589	-5.468	44.652	39.582	11.354	23221.00	20584.300	11.355
520.05	0.998	13.833	14.589	-5.469	44.652	39.582	11.354	23265.70	20624.100	11.354
521.05	0.998	13.833	14.589	-5.469	44.652	39.582	11.353	23310.30	20664.000	11.353
522.05	0.998	13.833	14.590	-5.469	44.652	39.583	11.352	23355.00	20703.500	11.353
523.05	0.998	13.833	14.590	-5.470	44.652	39.583	11.352	23399.70	20743.100	11.353
524.05	0.998	13.833	14.590	-5.470	44.652	39.583	11.351	23444.30	20782.800	11.352
525.05	0.998	13.833	14.590	-5.471	44.652	39.583	11.350	23489.00	20822.700	11.351
526.05	0.998	13.833	14.590	-5.471	44.652	39.584	11.350	23533.60	20862.800	11.349
527.05	0.998	13.833	14.590	-5.471	44.652	39.584	11.349	23578.30	20902.300	11.349
528.05	0.998	13.833	14.590	-5.472	44.652	39.584	11.349	23622.90	20942.000	11.349
529.05	0.998	13.833	14.590	-5.472	44.652	39.585	11.348	23667.60	20981.900	11.348
530.05	0.998	13.833	14.590	-5.472	44.652	39.585	11.347	23712.20	21021.200	11.349
531.05	0.998	13.833	14.590	-5.473	44.652	39.585	11.347	23756.90	21061.400	11.346
532.05	0.998	13.833	14.590	-5.473	44.652	39.585	11.346	23801.50	21101.000	11.346

z	z/(1+z)	LTD_LC	LTD_HHC	%Error	CD_LC	CD_HHC	%Error	LD_LC	LD_HHC	%Error
533.05	0.998	13.833	14.590	-5.474	44.652	39.586	11.345	23846.20	21140.800	11.345
534.05	0.998	13.833	14.590	-5.474	44.652	39.586	11.345	23890.80	21180.700	11.344
535.05	0.998	13.833	14.590	-5.474	44.652	39.586	11.344	23935.50	21220.100	11.345
536.05	0.998	13.833	14.590	-5.475	44.652	39.587	11.344	23980.10	21259.600	11.345
537.05	0.998	13.833	14.590	-5.475	44.652	39.587	11.343	24024.80	21299.300	11.344
538.05	0.998	13.833	14.590	-5.475	44.652	39.587	11.342	24069.40	21339.200	11.343
539.05	0.998	13.833	14.590	-5.476	44.652	39.587	11.342	24114.10	21379.200	11.342
540.05	0.998	13.833	14.590	-5.475	44.707	39.588	11.452	24188.90	21418.600	11.453
541.05	0.998	13.833	14.591	-5.476	44.707	39.588	11.451	24233.60	21458.900	11.450
542.05	0.998	13.833	14.591	-5.476	44.707	39.588	11.451	24278.30	21498.600	11.449
543.05	0.998	13.833	14.591	-5.476	44.707	39.588	11.450	24323.00	21537.800	11.451
544.05	0.998	13.833	14.591	-5.477	44.707	39.589	11.449	24367.80	21577.800	11.449
545.05	0.998	13.833	14.591	-5.477	44.707	39.589	11.449	24412.50	21617.300	11.450
546.05	0.998	13.833	14.591	-5.477	44.707	39.589	11.448	24457.20	21656.900	11.450
547.05	0.998	13.833	14.591	-5.478	44.707	39.590	11.448	24501.90	21696.700	11.449
548.05	0.998	13.833	14.591	-5.478	44.707	39.590	11.447	24546.60	21736.600	11.448
549.05	0.998	13.833	14.591	-5.478	44.707	39.590	11.446	24591.30	21776.700	11.446
550.05	0.998	13.833	14.591	-5.479	44.707	39.590	11.446	24636.00	21816.100	11.446
551.05	0.998	13.833	14.591	-5.479	44.707	39.591	11.445	24680.70	21855.800	11.446
552.05	0.998	13.833	14.591	-5.480	44.707	39.591	11.445	24725.40	21895.500	11.445
553.05	0.998	13.833	14.591	-5.480	44.707	39.591	11.444	24770.10	21935.400	11.444
554.05	0.998	13.833	14.591	-5.480	44.707	39.591	11.444	24814.80	21975.500	11.442
555.05	0.998	13.833	14.591	-5.481	44.707	39.592	11.443	24859.50	22015.000	11.443
556.05	0.998	13.833	14.591	-5.481	44.707	39.592	11.442	24904.20	22054.600	11.442
557.05	0.998	13.833	14.591	-5.481	44.707	39.592	11.442	24949.00	22094.300	11.442
558.05	0.998	13.833	14.591	-5.482	44.707	39.592	11.441	24993.70	22134.200	11.441
559.05	0.998	13.833	14.591	-5.482	44.707	39.593	11.441	25038.40	22173.500	11.442
560.05	0.998	13.833	14.591	-5.482	44.707	39.593	11.440	25083.10	22213.700	11.439
561.05	0.998	13.833	14.591	-5.483	44.707	39.593	11.440	25127.80	22253.300	11.439
562.05	0.998	13.833	14.592	-5.483	44.707	39.593	11.439	25172.50	22293.000	11.439
563.05	0.998	13.833	14.592	-5.483	44.707	39.594	11.438	25217.20	22332.900	11.438
564.05	0.998	13.833	14.592	-5.484	44.707	39.594	11.438	25261.90	22372.200	11.439
565.05	0.998	13.833	14.592	-5.484	44.707	39.594	11.437	25306.60	22412.300	11.437
566.05	0.998	13.833	14.592	-5.484	44.707	39.594	11.437	25351.30	22451.800	11.437
567.05	0.998	13.833	14.592	-5.485	44.707	39.595	11.436	25396.00	22491.500	11.437
568.05	0.998	13.833	14.592	-5.485	44.707	39.595	11.436	25440.70	22531.300	11.436
569.05	0.998	13.833	14.592	-5.485	44.707	39.595	11.435	25485.40	22571.300	11.435
570.05	0.998	13.833	14.592	-5.486	44.707	39.595	11.435	25530.10	22610.600	11.436
571.05	0.998	13.833	14.592	-5.485	44.765	39.596	11.547	25607.60	22650.800	11.546
572.05	0.998	13.833	14.592	-5.485	44.765	39.596	11.547	25652.30	22690.400	11.546
573.05	0.998	13.833	14.592	-5.486	44.765	39.596	11.546	25697.10	22730.100	11.546

z	z/(1+z)	LTD_LC	LTD_HHC	%Error	CD_LC	CD_HHC	%Error	LD_LC	LD_HHC	%Error
574.05	0.998	13.833	14.592	-5.486	44.765	39.596	11.546	25741.90	22770.000	11.545
575.05	0.998	13.833	14.592	-5.486	44.765	39.597	11.545	25786.60	22809.200	11.546
576.05	0.998	13.833	14.592	-5.487	44.765	39.597	11.544	25831.40	22849.400	11.544
577.05	0.998	13.833	14.592	-5.487	44.765	39.597	11.544	25876.10	22888.900	11.545
578.05	0.998	13.833	14.592	-5.487	44.765	39.597	11.543	25920.90	22928.500	11.544
579.05	0.998	13.833	14.592	-5.488	44.765	39.597	11.543	25965.70	22968.300	11.544
580.05	0.998	13.833	14.592	-5.488	44.765	39.598	11.542	26010.40	23008.200	11.542
581.05	0.998	13.833	14.592	-5.488	44.765	39.598	11.542	26055.20	23048.200	11.541
582.05	0.998	13.833	14.592	-5.489	44.765	39.598	11.541	26100.00	23087.600	11.542
583.05	0.998	13.833	14.592	-5.489	44.765	39.598	11.541	26144.70	23127.200	11.542
584.05	0.998	13.833	14.592	-5.489	44.765	39.599	11.540	26189.50	23166.800	11.542
585.05	0.998	13.833	14.593	-5.490	44.765	39.599	11.540	26234.30	23206.600	11.541
586.05	0.998	13.833	14.593	-5.490	44.765	39.599	11.539	26279.00	23246.500	11.540
587.05	0.998	13.833	14.593	-5.490	44.765	39.599	11.539	26323.80	23286.600	11.538
588.05	0.998	13.833	14.593	-5.490	44.765	39.600	11.538	26368.60	23326.000	11.539
589.05	0.998	13.833	14.593	-5.491	44.765	39.600	11.538	26413.30	23365.500	11.539
590.05	0.998	13.833	14.593	-5.491	44.765	39.600	11.537	26458.10	23405.900	11.536
591.05	0.998	13.833	14.593	-5.491	44.765	39.600	11.537	26502.80	23445.700	11.535
592.05	0.998	13.833	14.593	-5.492	44.765	39.600	11.536	26547.60	23484.800	11.537
593.05	0.998	13.833	14.593	-5.492	44.765	39.601	11.536	26592.40	23524.900	11.535
594.05	0.998	13.833	14.593	-5.492	44.765	39.601	11.535	26637.10	23564.200	11.536
595.05	0.998	13.833	14.593	-5.493	44.765	39.601	11.535	26681.90	23604.500	11.534
596.05	0.998	13.833	14.593	-5.493	44.765	39.601	11.534	26726.70	23644.100	11.534
597.05	0.998	13.833	14.593	-5.493	44.765	39.602	11.534	26771.40	23683.900	11.533
598.05	0.998	13.833	14.593	-5.493	44.765	39.602	11.533	26816.20	23723.800	11.532
599.05	0.998	13.833	14.593	-5.494	44.765	39.602	11.533	26861.00	23762.900	11.534
600.05	0.998	13.833	14.593	-5.494	44.765	39.602	11.532	26905.70	23803.100	11.532
601.05	0.998	13.833	14.593	-5.494	44.765	39.602	11.532	26950.50	23842.500	11.532
602.05	0.998	13.833	14.593	-5.495	44.765	39.603	11.531	26995.30	23882.000	11.533
603.05	0.998	13.833	14.593	-5.495	44.765	39.603	11.531	27040.00	23921.700	11.532
604.05	0.998	13.833	14.593	-5.495	44.765	39.603	11.530	27084.80	23961.500	11.531
605.05	0.998	13.833	14.593	-5.495	44.765	39.603	11.530	27129.60	24001.500	11.530
606.05	0.998	13.833	14.593	-5.495	44.823	39.604	11.645	27209.90	24041.600	11.644
607.05	0.998	13.833	14.593	-5.495	44.823	39.604	11.645	27254.70	24080.900	11.645
608.05	0.998	13.833	14.593	-5.496	44.823	39.604	11.644	27299.50	24120.400	11.646
609.05	0.998	13.833	14.594	-5.496	44.823	39.604	11.644	27344.40	24160.900	11.642
610.05	0.998	13.833	14.594	-5.496	44.823	39.604	11.643	27389.20	24200.600	11.642
611.05	0.998	13.833	14.594	-5.496	44.823	39.605	11.643	27434.00	24239.600	11.644
612.05	0.998	13.833	14.594	-5.497	44.823	39.605	11.642	27478.80	24279.500	11.643
613.05	0.998	13.833	14.594	-5.497	44.823	39.605	11.642	27523.70	24319.700	11.641
614.05	0.998	13.833	14.594	-5.497	44.823	39.605	11.641	27568.50	24359.000	11.642

z	z/(1+z)	LTD_LC	LTD_HHC	%Error	CD_LC	CD_HHC	%Error	LD_LC	LD_HHC	%Error
615.05	0.998	13.833	14.594	-5.498	44.823	39.605	11.641	27613.30	24398.500	11.642
616.05	0.998	13.833	14.594	-5.498	44.823	39.606	11.640	27658.10	24439.000	11.639
617.05	0.998	13.833	14.594	-5.498	44.823	39.606	11.640	27703.00	24478.800	11.639
618.05	0.998	13.833	14.594	-5.498	44.823	39.606	11.639	27747.80	24517.700	11.641
619.05	0.998	13.833	14.594	-5.499	44.823	39.606	11.639	27792.60	24557.700	11.639
620.05	0.998	13.833	14.594	-5.499	44.823	39.607	11.638	27837.40	24597.800	11.638
621.05	0.998	13.833	14.594	-5.499	44.823	39.607	11.638	27882.20	24637.200	11.638
622.05	0.998	13.833	14.594	-5.499	44.823	39.607	11.638	27927.10	24676.700	11.639
623.05	0.998	13.833	14.594	-5.500	44.823	39.607	11.637	27971.90	24717.200	11.636
624.05	0.998	13.833	14.594	-5.500	44.823	39.607	11.637	28016.70	24756.900	11.635
625.05	0.998	13.833	14.594	-5.500	44.823	39.608	11.636	28061.50	24795.800	11.638
626.05	0.998	13.833	14.594	-5.501	44.823	39.608	11.636	28106.40	24835.800	11.636
627.05	0.998	13.833	14.594	-5.501	44.823	39.608	11.635	28151.20	24875.900	11.635
628.05	0.998	13.833	14.594	-5.501	44.823	39.608	11.635	28196.00	24915.200	11.636
629.05	0.998	13.833	14.594	-5.501	44.823	39.608	11.634	28240.80	24955.600	11.633
630.05	0.998	13.833	14.594	-5.502	44.823	39.609	11.634	28285.70	24995.100	11.633
631.05	0.998	13.833	14.594	-5.502	44.823	39.609	11.633	28330.50	25034.800	11.633
632.05	0.998	13.833	14.594	-5.502	44.823	39.609	11.633	28375.30	25074.600	11.632
633.05	0.998	13.833	14.594	-5.502	44.823	39.609	11.633	28420.10	25114.500	11.631
634.05	0.998	13.833	14.594	-5.503	44.823	39.609	11.632	28465.00	25153.600	11.633
635.05	0.998	13.833	14.594	-5.503	44.823	39.610	11.632	28509.80	25193.800	11.631
636.05	0.998	13.833	14.595	-5.503	44.823	39.610	11.631	28554.60	25233.100	11.632
637.05	0.998	13.833	14.595	-5.503	44.823	39.610	11.631	28599.40	25272.600	11.632
638.05	0.998	13.833	14.595	-5.504	44.823	39.610	11.630	28644.20	25313.200	11.629
639.05	0.998	13.833	14.595	-5.504	44.823	39.610	11.630	28689.10	25352.900	11.629
640.05	0.998	13.833	14.595	-5.504	44.823	39.610	11.630	28733.90	25392.700	11.628
641.05	0.998	13.833	14.595	-5.505	44.823	39.611	11.629	28778.70	25431.700	11.630
642.05	0.998	13.833	14.595	-5.505	44.823	39.611	11.629	28823.50	25471.800	11.628
643.05	0.998	13.833	14.595	-5.505	44.823	39.611	11.628	28868.40	25511.000	11.630
644.05	0.998	13.833	14.595	-5.505	44.823	39.611	11.628	28913.20	25551.400	11.627
645.05	0.998	13.833	14.595	-5.505	44.883	39.611	11.746	28996.90	25590.900	11.746
646.05	0.998	13.833	14.595	-5.505	44.883	39.612	11.746	29041.80	25630.500	11.746
647.05	0.998	13.833	14.595	-5.505	44.883	39.612	11.745	29086.70	25670.200	11.746
648.05	0.998	13.833	14.595	-5.506	44.883	39.612	11.745	29131.50	25710.000	11.745
649.05	0.998	13.833	14.595	-5.506	44.883	39.612	11.744	29176.40	25750.000	11.744
650.05	0.998	13.833	14.595	-5.506	44.883	39.612	11.744	29221.30	25790.100	11.742
651.05	0.998	13.833	14.595	-5.506	44.883	39.613	11.743	29266.20	25829.300	11.744
652.05	0.998	13.833	14.595	-5.507	44.883	39.613	11.743	29311.10	25868.600	11.745
653.05	0.998	13.833	14.595	-5.507	44.883	39.613	11.743	29356.00	25909.100	11.742
654.05	0.998	13.833	14.595	-5.507	44.883	39.613	11.742	29400.80	25948.700	11.742
655.05	0.998	13.833	14.595	-5.507	44.883	39.613	11.742	29445.70	25988.400	11.742

z	z/(1+z)	LTD_LC	LTD_HHC	%Error	CD_LC	CD_HHC	%Error	LD_LC	LD_HHC	%Error
656.05	0.998	13.833	14.595	-5.508	44.883	39.614	11.741	29490.60	26028.200	11.741
657.05	0.998	13.833	14.595	-5.508	44.883	39.614	11.741	29535.50	26068.100	11.740
658.05	0.998	13.833	14.595	-5.508	44.883	39.614	11.741	29580.40	26107.100	11.742
659.05	0.998	13.833	14.595	-5.508	44.883	39.614	11.740	29625.30	26147.300	11.740
660.05	0.998	13.833	14.595	-5.509	44.883	39.614	11.740	29670.10	26186.600	11.741
661.05	0.998	13.833	14.595	-5.509	44.883	39.614	11.739	29715.00	26227.000	11.738
662.05	0.998	13.833	14.595	-5.509	44.883	39.615	11.739	29759.90	26266.500	11.739
663.05	0.998	13.833	14.595	-5.509	44.883	39.615	11.739	29804.80	26306.200	11.739
664.05	0.998	13.833	14.595	-5.509	44.883	39.615	11.738	29849.70	26345.900	11.738
665.05	0.998	13.833	14.596	-5.510	44.883	39.615	11.738	29894.60	26385.800	11.737
666.05	0.999	13.833	14.596	-5.510	44.883	39.615	11.737	29939.40	26425.700	11.736
667.05	0.999	13.833	14.596	-5.510	44.883	39.615	11.737	29984.30	26464.800	11.738
668.05	0.999	13.833	14.596	-5.510	44.883	39.616	11.737	30029.20	26505.000	11.736
669.05	0.999	13.833	14.596	-5.511	44.883	39.616	11.736	30074.10	26544.300	11.737
670.05	0.999	13.833	14.596	-5.511	44.883	39.616	11.736	30119.00	26584.800	11.734
671.05	0.999	13.833	14.596	-5.511	44.883	39.616	11.735	30163.90	26624.300	11.735
672.05	0.999	13.833	14.596	-5.511	44.883	39.616	11.735	30208.70	26663.900	11.734
673.05	0.999	13.833	14.596	-5.512	44.883	39.617	11.735	30253.60	26703.700	11.734
674.05	0.999	13.833	14.596	-5.512	44.883	39.617	11.734	30298.50	26743.600	11.733
675.05	0.999	13.833	14.596	-5.512	44.883	39.617	11.734	30343.40	26782.500	11.735
676.05	0.999	13.833	14.596	-5.512	44.883	39.617	11.733	30388.30	26822.600	11.734
677.05	0.999	13.833	14.596	-5.513	44.883	39.617	11.733	30433.20	26862.800	11.732
678.05	0.999	13.833	14.596	-5.513	44.883	39.617	11.733	30478.00	26902.100	11.733
679.05	0.999	13.833	14.596	-5.513	44.883	39.618	11.732	30522.90	26941.400	11.734
680.05	0.999	13.833	14.596	-5.513	44.883	39.618	11.732	30567.80	26982.000	11.731
681.05	0.999	13.833	14.596	-5.513	44.883	39.618	11.731	30612.70	27021.600	11.731
682.05	0.999	13.833	14.596	-5.514	44.883	39.618	11.731	30657.60	27061.300	11.730
683.05	0.999	13.833	14.596	-5.514	44.883	39.618	11.731	30702.50	27101.200	11.730
684.05	0.999	13.833	14.596	-5.514	44.883	39.618	11.730	30747.30	27141.100	11.729
685.05	0.999	13.833	14.596	-5.514	44.883	39.619	11.730	30792.20	27180.100	11.731
686.05	0.999	13.833	14.596	-5.515	44.883	39.619	11.730	30837.10	27220.300	11.729
687.05	0.999	13.833	14.596	-5.515	44.883	39.619	11.729	30882.00	27259.500	11.730
688.05	0.999	13.833	14.596	-5.515	44.883	39.619	11.729	30926.90	27299.900	11.728
689.05	0.999	13.833	14.596	-5.515	44.945	39.619	11.850	31014.50	27339.300	11.850
690.05	0.999	13.833	14.596	-5.515	44.945	39.619	11.850	31059.40	27378.800	11.850
691.05	0.999	13.833	14.596	-5.515	44.945	39.620	11.849	31104.40	27418.500	11.850
692.05	0.999	13.833	14.596	-5.515	44.945	39.620	11.849	31149.30	27458.200	11.850
693.05	0.999	13.833	14.596	-5.515	44.945	39.620	11.849	31194.20	27498.100	11.849
694.05	0.999	13.833	14.596	-5.516	44.945	39.620	11.848	31239.20	27538.100	11.848
695.05	0.999	13.833	14.596	-5.516	44.945	39.620	11.848	31284.10	27578.200	11.846
696.05	0.999	13.833	14.596	-5.516	44.945	39.620	11.847	31329.10	27617.300	11.848

z	z/(1+z)	LTD_LC	LTD_HHC	%Error	CD_LC	CD_HHC	%Error	LD_LC	LD_HHC	%Error
697.05	0.999	13.833	14.597	-5.516	44.945	39.621	11.847	31374.00	27657.600	11.846
698.05	0.999	13.833	14.597	-5.517	44.945	39.621	11.847	31419.00	27696.900	11.847
699.05	0.999	13.833	14.597	-5.517	44.945	39.621	11.846	31463.90	27736.300	11.847
700.05	0.999	13.833	14.597	-5.517	44.945	39.621	11.846	31508.90	27775.800	11.848
701.05	0.999	13.833	14.597	-5.517	44.945	39.621	11.846	31553.80	27816.600	11.844
702.05	0.999	13.833	14.597	-5.517	44.945	39.621	11.845	31598.80	27856.300	11.844
703.05	0.999	13.833	14.597	-5.518	44.945	39.622	11.845	31643.70	27895.000	11.847
704.05	0.999	13.833	14.597	-5.518	44.945	39.622	11.845	31688.60	27935.000	11.845
705.05	0.999	13.833	14.597	-5.518	44.945	39.622	11.844	31733.60	27975.100	11.844
706.05	0.999	13.833	14.597	-5.518	44.945	39.622	11.844	31778.50	28015.300	11.842
707.05	0.999	13.833	14.597	-5.518	44.945	39.622	11.844	31823.50	28054.400	11.844
708.05	0.999	13.833	14.597	-5.519	44.945	39.622	11.843	31868.40	28093.700	11.845
709.05	0.999	13.833	14.597	-5.519	44.945	39.623	11.843	31913.40	28134.200	11.842
710.05	0.999	13.833	14.597	-5.519	44.945	39.623	11.842	31958.30	28173.700	11.843
711.05	0.999	13.833	14.597	-5.519	44.945	39.623	11.842	32003.30	28213.200	11.843
712.05	0.999	13.833	14.597	-5.520	44.945	39.623	11.842	32048.20	28252.900	11.843
713.05	0.999	13.833	14.597	-5.520	44.945	39.623	11.841	32093.10	28292.700	11.842
714.05	0.999	13.833	14.597	-5.520	44.945	39.623	11.841	32138.10	28332.600	11.841
715.05	0.999	13.833	14.597	-5.520	44.945	39.623	11.841	32183.00	28372.600	11.840
716.05	0.999	13.833	14.597	-5.520	44.945	39.624	11.840	32228.00	28411.500	11.842
717.05	0.999	13.833	14.597	-5.521	44.945	39.624	11.840	32272.90	28451.800	11.840
718.05	0.999	13.833	14.597	-5.521	44.945	39.624	11.840	32317.90	28492.100	11.838
719.05	0.999	13.833	14.597	-5.521	44.945	39.624	11.839	32362.80	28531.400	11.839
720.05	0.999	13.833	14.597	-5.521	44.945	39.624	11.839	32407.80	28570.700	11.840
721.05	0.999	13.833	14.597	-5.521	44.945	39.624	11.839	32452.70	28610.200	11.840
722.05	0.999	13.833	14.597	-5.522	44.945	39.625	11.838	32497.70	28651.000	11.837
723.05	0.999	13.833	14.597	-5.522	44.945	39.625	11.838	32542.60	28690.600	11.837
724.05	0.999	13.833	14.597	-5.522	44.945	39.625	11.838	32587.50	28730.400	11.836
725.05	0.999	13.833	14.597	-5.522	44.945	39.625	11.837	32632.50	28769.100	11.839
726.05	0.999	13.833	14.597	-5.522	44.945	39.625	11.837	32677.40	28809.100	11.838
727.05	0.999	13.833	14.597	-5.523	44.945	39.625	11.837	32722.40	28849.200	11.837
728.05	0.999	13.833	14.597	-5.523	44.945	39.625	11.836	32767.30	28889.400	11.835
729.05	0.999	13.833	14.597	-5.523	44.945	39.626	11.836	32812.30	28928.500	11.836
730.05	0.999	13.833	14.597	-5.523	44.945	39.626	11.836	32857.20	28969.000	11.834
731.05	0.999	13.833	14.598	-5.523	44.945	39.626	11.835	32902.20	29008.200	11.835
732.05	0.999	13.833	14.598	-5.524	44.945	39.626	11.835	32947.10	29047.600	11.836
733.05	0.999	13.833	14.598	-5.524	44.945	39.626	11.835	32992.10	29087.200	11.836
734.05	0.999	13.833	14.598	-5.524	44.945	39.626	11.834	33037.00	29126.800	11.836
735.05	0.999	13.833	14.598	-5.524	44.945	39.626	11.834	33081.90	29166.500	11.836
736.05	0.999	13.833	14.598	-5.524	44.945	39.627	11.834	33126.90	29206.300	11.835
737.05	0.999	13.833	14.598	-5.525	44.945	39.627	11.833	33171.80	29246.200	11.834

z	z/(1+z)	LTD_LC	LTD_HHC	%Error	CD_LC	CD_HHC	%Error	LD_LC	LD_HHC	%Error
738.05	0.999	13.833	14.598	-5.525	44.945	39.627	11.833	33216.80	29286.300	11.833
739.05	0.999	13.833	14.598	-5.525	44.945	39.627	11.833	33261.70	29326.500	11.831
740.05	0.999	13.834	14.598	-5.524	45.009	39.627	11.957	33353.90	29365.400	11.958
741.05	0.999	13.834	14.598	-5.525	45.009	39.627	11.957	33398.90	29405.800	11.956
742.05	0.999	13.834	14.598	-5.525	45.009	39.627	11.957	33443.90	29445.000	11.957
743.05	0.999	13.834	14.598	-5.525	45.009	39.628	11.956	33488.90	29484.200	11.958
744.05	0.999	13.834	14.598	-5.525	45.009	39.628	11.956	33533.90	29524.900	11.955
745.05	0.999	13.834	14.598	-5.525	45.009	39.628	11.956	33578.90	29564.400	11.955
746.05	0.999	13.834	14.598	-5.526	45.009	39.628	11.955	33624.00	29604.000	11.956
747.05	0.999	13.834	14.598	-5.526	45.009	39.628	11.955	33669.00	29643.700	11.955
748.05	0.999	13.834	14.598	-5.526	45.009	39.628	11.955	33714.00	29683.600	11.955
749.05	0.999	13.834	14.598	-5.526	45.009	39.628	11.954	33759.00	29723.500	11.954
750.05	0.999	13.834	14.598	-5.526	45.009	39.629	11.954	33804.00	29763.500	11.953
751.05	0.999	13.834	14.598	-5.527	45.009	39.629	11.954	33849.00	29802.300	11.955
752.05	0.999	13.834	14.598	-5.527	45.009	39.629	11.954	33894.00	29842.500	11.953
753.05	0.999	13.834	14.598	-5.527	45.009	39.629	11.953	33939.00	29882.900	11.951
754.05	0.999	13.834	14.598	-5.527	45.009	39.629	11.953	33984.00	29922.000	11.953
755.05	0.999	13.834	14.598	-5.527	45.009	39.629	11.953	34029.00	29961.200	11.954
756.05	0.999	13.834	14.598	-5.527	45.009	39.629	11.952	34074.00	30001.900	11.951
757.05	0.999	13.834	14.598	-5.528	45.009	39.630	11.952	34119.10	30041.300	11.952
758.05	0.999	13.834	14.598	-5.528	45.009	39.630	11.952	34164.10	30080.800	11.952
759.05	0.999	13.834	14.598	-5.528	45.009	39.630	11.951	34209.10	30120.400	11.952
760.05	0.999	13.834	14.598	-5.528	45.009	39.630	11.951	34254.10	30160.100	11.952
761.05	0.999	13.834	14.598	-5.528	45.009	39.630	11.951	34299.10	30200.000	11.951
762.05	0.999	13.834	14.598	-5.529	45.009	39.630	11.950	34344.10	30239.900	11.950
763.05	0.999	13.834	14.598	-5.529	45.009	39.630	11.950	34389.10	30279.900	11.949
764.05	0.999	13.834	14.598	-5.529	45.009	39.631	11.950	34434.10	30318.700	11.952
765.05	0.999	13.834	14.598	-5.529	45.009	39.631	11.950	34479.10	30359.000	11.950
766.05	0.999	13.834	14.598	-5.529	45.009	39.631	11.949	34524.10	30399.300	11.948
767.05	0.999	13.834	14.598	-5.529	45.009	39.631	11.949	34569.10	30438.400	11.949
768.05	0.999	13.834	14.598	-5.530	45.009	39.631	11.949	34614.20	30477.600	11.951
769.05	0.999	13.834	14.598	-5.530	45.009	39.631	11.948	34659.20	30518.200	11.948
770.05	0.999	13.834	14.599	-5.530	45.009	39.631	11.948	34704.20	30557.600	11.948
771.05	0.999	13.834	14.599	-5.530	45.009	39.631	11.948	34749.20	30597.100	11.949
772.05	0.999	13.834	14.599	-5.530	45.009	39.632	11.947	34794.20	30636.700	11.949
773.05	0.999	13.834	14.599	-5.531	45.009	39.632	11.947	34839.20	30676.300	11.949
774.05	0.999	13.834	14.599	-5.531	45.009	39.632	11.947	34884.20	30716.100	11.948
775.05	0.999	13.834	14.599	-5.531	45.009	39.632	11.947	34929.20	30756.000	11.948
776.05	0.999	13.834	14.599	-5.531	45.009	39.632	11.946	34974.20	30796.000	11.947
777.05	0.999	13.834	14.599	-5.531	45.009	39.632	11.946	35019.20	30836.100	11.945
778.05	0.999	13.834	14.599	-5.531	45.009	39.632	11.946	35064.20	30876.300	11.944

z	z/(1+z)	LTD_LC	LTD_HHC	%Error	CD_LC	CD_HHC	%Error	LD_LC	LD_HHC	%Error
779.05	0.999	13.834	14.599	-5.532	45.009	39.633	11.945	35109.30	30915.100	11.946
780.05	0.999	13.834	14.599	-5.532	45.009	39.633	11.945	35154.30	30955.500	11.944
781.05	0.999	13.834	14.599	-5.532	45.009	39.633	11.945	35199.30	30994.600	11.945
782.05	0.999	13.834	14.599	-5.532	45.009	39.633	11.945	35244.30	31035.200	11.943
783.05	0.999	13.834	14.599	-5.532	45.009	39.633	11.944	35289.30	31074.500	11.944
784.05	0.999	13.834	14.599	-5.532	45.009	39.633	11.944	35334.30	31113.800	11.944
785.05	0.999	13.834	14.599	-5.533	45.009	39.633	11.944	35379.30	31153.300	11.945
786.05	0.999	13.834	14.599	-5.533	45.009	39.633	11.943	35424.30	31192.800	11.945
787.05	0.999	13.834	14.599	-5.533	45.009	39.634	11.943	35469.30	31232.500	11.945
788.05	0.999	13.834	14.599	-5.533	45.009	39.634	11.943	35514.30	31272.300	11.945
789.05	0.999	13.834	14.599	-5.533	45.009	39.634	11.943	35559.30	31312.100	11.944
790.05	0.999	13.834	14.599	-5.533	45.009	39.634	11.942	35604.40	31352.100	11.943
791.05	0.999	13.834	14.599	-5.534	45.009	39.634	11.942	35649.40	31392.200	11.942
792.05	0.999	13.834	14.599	-5.534	45.009	39.634	11.942	35694.40	31432.300	11.940
793.05	0.999	13.834	14.599	-5.534	45.009	39.634	11.941	35739.40	31471.100	11.943
794.05	0.999	13.834	14.599	-5.534	45.009	39.634	11.941	35784.40	31511.500	11.941
795.05	0.999	13.834	14.599	-5.534	45.009	39.635	11.941	35829.40	31550.400	11.943
796.05	0.999	13.834	14.599	-5.534	45.009	39.635	11.941	35874.40	31591.000	11.940
797.05	0.999	13.834	14.599	-5.535	45.009	39.635	11.940	35919.40	31630.200	11.941
798.05	0.999	13.834	14.599	-5.535	45.009	39.635	11.940	35964.40	31671.000	11.938
799.05	0.999	13.834	14.599	-5.534	45.075	39.635	12.068	36062.10	31710.300	12.067
800.05	0.999	13.834	14.599	-5.535	45.075	39.635	12.068	36107.10	31749.800	12.068
801.05	0.999	13.834	14.599	-5.535	45.075	39.635	12.068	36152.20	31789.400	12.068
802.05	0.999	13.834	14.599	-5.535	45.075	39.635	12.067	36197.30	31829.000	12.068
803.05	0.999	13.834	14.599	-5.535	45.075	39.636	12.067	36242.40	31868.800	12.068
804.05	0.999	13.834	14.599	-5.535	45.075	39.636	12.067	36287.40	31908.600	12.067
805.05	0.999	13.834	14.599	-5.535	45.075	39.636	12.067	36332.50	31948.600	12.066
806.05	0.999	13.834	14.599	-5.535	45.075	39.636	12.066	36377.60	31988.600	12.065
807.05	0.999	13.834	14.599	-5.536	45.075	39.636	12.066	36422.70	32027.300	12.068
808.05	0.999	13.834	14.599	-5.536	45.075	39.636	12.066	36467.70	32067.500	12.066
809.05	0.999	13.834	14.599	-5.536	45.075	39.636	12.066	36512.80	32107.900	12.064
810.05	0.999	13.834	14.599	-5.536	45.075	39.636	12.065	36557.90	32146.800	12.066
811.05	0.999	13.834	14.599	-5.536	45.075	39.637	12.065	36603.00	32187.300	12.064
812.05	0.999	13.834	14.599	-5.536	45.075	39.637	12.065	36648.00	32226.400	12.065
813.05	0.999	13.834	14.600	-5.537	45.075	39.637	12.065	36693.10	32265.600	12.066
814.05	0.999	13.834	14.600	-5.537	45.075	39.637	12.064	36738.20	32306.500	12.063
815.05	0.999	13.834	14.600	-5.537	45.075	39.637	12.064	36783.30	32345.800	12.064
816.05	0.999	13.834	14.600	-5.537	45.075	39.637	12.064	36828.30	32385.300	12.064
817.05	0.999	13.834	14.600	-5.537	45.075	39.637	12.063	36873.40	32424.900	12.064
818.05	0.999	13.834	14.600	-5.537	45.075	39.637	12.063	36918.50	32464.600	12.064
819.05	0.999	13.834	14.600	-5.538	45.075	39.637	12.063	36963.60	32504.300	12.064

z	z/(1+z)	LTD_LC	LTD_HHC	%Error	CD_LC	CD_HHC	%Error	LD_LC	LD_HHC	%Error
820.05	0.999	13.834	14.600	-5.538	45.075	39.638	12.063	37008.60	32544.200	12.063
821.05	0.999	13.834	14.600	-5.538	45.075	39.638	12.062	37053.70	32584.200	12.062
822.05	0.999	13.834	14.600	-5.538	45.075	39.638	12.062	37098.80	32624.200	12.061
823.05	0.999	13.834	14.600	-5.538	45.075	39.638	12.062	37143.90	32664.400	12.060
824.05	0.999	13.834	14.600	-5.538	45.075	39.638	12.062	37188.90	32703.000	12.063
825.05	0.999	13.834	14.600	-5.538	45.075	39.638	12.061	37234.00	32743.400	12.061
826.05	0.999	13.834	14.600	-5.539	45.075	39.638	12.061	37279.10	32782.200	12.063
827.05	0.999	13.834	14.600	-5.539	45.075	39.638	12.061	37324.20	32822.800	12.060
828.05	0.999	13.834	14.600	-5.539	45.075	39.639	12.061	37369.20	32861.800	12.062
829.05	0.999	13.834	14.600	-5.539	45.075	39.639	12.060	37414.30	32902.500	12.059
830.05	0.999	13.834	14.600	-5.539	45.075	39.639	12.060	37459.40	32941.700	12.060
831.05	0.999	13.834	14.600	-5.539	45.075	39.639	12.060	37504.50	32981.000	12.061
832.05	0.999	13.834	14.600	-5.540	45.075	39.639	12.060	37549.50	33020.400	12.062
833.05	0.999	13.834	14.600	-5.540	45.075	39.639	12.059	37594.60	33061.600	12.058
834.05	0.999	13.834	14.600	-5.540	45.075	39.639	12.059	37639.70	33101.100	12.058
835.05	0.999	13.834	14.600	-5.540	45.075	39.639	12.059	37684.80	33140.800	12.058
836.05	0.999	13.834	14.600	-5.540	45.075	39.639	12.059	37729.80	33180.600	12.057
837.05	0.999	13.834	14.600	-5.540	45.075	39.640	12.058	37774.90	33220.500	12.057
838.05	0.999	13.834	14.600	-5.540	45.075	39.640	12.058	37820.00	33260.500	12.056
839.05	0.999	13.834	14.600	-5.541	45.075	39.640	12.058	37865.10	33298.900	12.059
840.05	0.999	13.834	14.600	-5.541	45.075	39.640	12.058	37910.10	33339.000	12.058
841.05	0.999	13.834	14.600	-5.541	45.075	39.640	12.057	37955.20	33379.300	12.056
842.05	0.999	13.834	14.600	-5.541	45.075	39.640	12.057	38000.30	33417.900	12.059
843.05	0.999	13.834	14.600	-5.541	45.075	39.640	12.057	38045.30	33458.400	12.057
844.05	0.999	13.834	14.600	-5.541	45.075	39.640	12.057	38090.40	33497.200	12.059
845.05	0.999	13.834	14.600	-5.542	45.075	39.640	12.056	38135.50	33537.900	12.056
846.05	0.999	13.834	14.600	-5.542	45.075	39.641	12.056	38180.60	33576.900	12.058
847.05	0.999	13.834	14.600	-5.542	45.075	39.641	12.056	38225.60	33617.700	12.055
848.05	0.999	13.834	14.600	-5.542	45.075	39.641	12.056	38270.70	33657.000	12.056
849.05	0.999	13.834	14.600	-5.542	45.075	39.641	12.055	38315.80	33696.300	12.057
850.05	0.999	13.834	14.600	-5.542	45.075	39.641	12.055	38360.90	33735.700	12.057
851.05	0.999	13.834	14.600	-5.542	45.075	39.641	12.055	38405.90	33776.900	12.053
852.05	0.999	13.834	14.600	-5.543	45.075	39.641	12.055	38451.00	33816.500	12.053
853.05	0.999	13.834	14.600	-5.543	45.075	39.641	12.054	38496.10	33856.200	12.053
854.05	0.999	13.834	14.600	-5.543	45.075	39.641	12.054	38541.20	33896.000	12.053
855.05	0.999	13.834	14.600	-5.543	45.075	39.642	12.054	38586.20	33935.800	12.052
856.05	0.999	13.834	14.600	-5.543	45.075	39.642	12.054	38631.30	33974.100	12.056
857.05	0.999	13.834	14.600	-5.543	45.075	39.642	12.053	38676.40	34014.100	12.055
858.05	0.999	13.834	14.600	-5.543	45.075	39.642	12.053	38721.50	34054.300	12.053
859.05	0.999	13.834	14.600	-5.544	45.075	39.642	12.053	38766.50	34094.500	12.052
860.05	0.999	13.834	14.600	-5.544	45.075	39.642	12.053	38811.60	34133.100	12.055

z	z/(1+z)	LTD_LC	LTD_HHC	%Error	CD_LC	CD_HHC	%Error	LD_LC	LD_HHC	%Error
861.05	0.999	13.834	14.601	-5.544	45.075	39.642	12.052	38856.70	34173.500	12.052
862.05	0.999	13.834	14.601	-5.544	45.075	39.642	12.052	38901.80	34214.100	12.050
863.05	0.999	13.834	14.601	-5.544	45.075	39.642	12.052	38946.80	34252.900	12.052
864.05	0.999	13.834	14.601	-5.544	45.075	39.643	12.052	38991.90	34291.900	12.054
865.05	0.999	13.834	14.601	-5.544	45.075	39.643	12.052	39037.00	34332.700	12.051
866.05	0.999	13.834	14.601	-5.545	45.075	39.643	12.051	39082.10	34371.800	12.052
867.05	0.999	13.834	14.601	-5.545	45.075	39.643	12.051	39127.10	34412.800	12.049
868.05	0.999	13.834	14.601	-5.545	45.075	39.643	12.051	39172.20	34452.100	12.050
869.05	0.999	13.834	14.601	-5.544	45.143	39.643	12.183	39276.50	34491.500	12.183
870.05	0.999	13.834	14.601	-5.545	45.143	39.643	12.183	39321.60	34531.000	12.183
871.05	0.999	13.834	14.601	-5.545	45.143	39.643	12.183	39366.80	34570.500	12.183
872.05	0.999	13.834	14.601	-5.545	45.143	39.643	12.182	39411.90	34610.200	12.183
873.05	0.999	13.834	14.601	-5.545	45.143	39.643	12.182	39457.00	34650.000	12.183
874.05	0.999	13.834	14.601	-5.545	45.143	39.644	12.182	39502.20	34689.800	12.183
875.05	0.999	13.834	14.601	-5.545	45.143	39.644	12.182	39547.30	34729.800	12.182
876.05	0.999	13.834	14.601	-5.545	45.143	39.644	12.181	39592.50	34769.800	12.181
877.05	0.999	13.834	14.601	-5.545	45.143	39.644	12.181	39637.60	34809.900	12.180
878.05	0.999	13.834	14.601	-5.546	45.143	39.644	12.181	39682.80	34848.300	12.183
879.05	0.999	13.834	14.601	-5.546	45.143	39.644	12.181	39727.90	34888.600	12.181
880.05	0.999	13.834	14.601	-5.546	45.143	39.644	12.181	39773.00	34929.000	12.179
881.05	0.999	13.834	14.601	-5.546	45.143	39.644	12.180	39818.20	34967.700	12.182
882.05	0.999	13.834	14.601	-5.546	45.143	39.644	12.180	39863.30	35008.300	12.179
883.05	0.999	13.834	14.601	-5.546	45.143	39.645	12.180	39908.50	35047.100	12.181
884.05	0.999	13.834	14.601	-5.546	45.143	39.645	12.180	39953.60	35087.800	12.179
885.05	0.999	13.834	14.601	-5.547	45.143	39.645	12.179	39998.80	35126.900	12.180
886.05	0.999	13.834	14.601	-5.547	45.143	39.645	12.179	40043.90	35167.800	12.177
887.05	0.999	13.834	14.601	-5.547	45.143	39.645	12.179	40089.00	35207.000	12.178
888.05	0.999	13.834	14.601	-5.547	45.143	39.645	12.179	40134.20	35246.300	12.179
889.05	0.999	13.834	14.601	-5.547	45.143	39.645	12.179	40179.30	35285.600	12.180
890.05	0.999	13.834	14.601	-5.547	45.143	39.645	12.178	40224.50	35325.100	12.180
891.05	0.999	13.834	14.601	-5.547	45.143	39.645	12.178	40269.60	35366.500	12.176
892.05	0.999	13.834	14.601	-5.547	45.143	39.645	12.178	40314.80	35406.100	12.176
893.05	0.999	13.834	14.601	-5.548	45.143	39.646	12.178	40359.90	35445.800	12.176
894.05	0.999	13.834	14.601	-5.548	45.143	39.646	12.177	40405.00	35485.600	12.175
895.05	0.999	13.834	14.601	-5.548	45.143	39.646	12.177	40450.20	35523.600	12.179
896.05	0.999	13.834	14.601	-5.548	45.143	39.646	12.177	40495.30	35563.600	12.179
897.05	0.999	13.834	14.601	-5.548	45.143	39.646	12.177	40540.50	35603.600	12.178
898.05	0.999	13.834	14.601	-5.548	45.143	39.646	12.177	40585.60	35643.800	12.176
899.05	0.999	13.834	14.601	-5.548	45.143	39.646	12.176	40630.80	35684.000	12.175
900.05	0.999	13.834	14.601	-5.549	45.143	39.646	12.176	40675.90	35722.400	12.178
901.05	0.999	13.834	14.601	-5.549	45.143	39.646	12.176	40721.00	35762.900	12.176

z	z/(1+z)	LTD_LC	LTD_HHC	%Error	CD_LC	CD_HHC	%Error	LD_LC	LD_HHC	%Error
902.05	0.999	13.834	14.601	-5.549	45.143	39.646	12.176	40766.20	35803.400	12.174
903.05	0.999	13.834	14.601	-5.549	45.143	39.646	12.176	40811.30	35842.100	12.176
904.05	0.999	13.834	14.601	-5.549	45.143	39.647	12.175	40856.50	35882.800	12.174
905.05	0.999	13.834	14.601	-5.549	45.143	39.647	12.175	40901.60	35921.600	12.176
906.05	0.999	13.834	14.601	-5.549	45.143	39.647	12.175	40946.80	35962.500	12.173
907.05	0.999	13.834	14.601	-5.549	45.143	39.647	12.175	40991.90	36001.500	12.174
908.05	0.999	13.834	14.601	-5.550	45.143	39.647	12.174	41037.00	36040.600	12.176
909.05	0.999	13.834	14.601	-5.550	45.143	39.647	12.174	41082.20	36081.700	12.172
910.05	0.999	13.834	14.601	-5.550	45.143	39.647	12.174	41127.30	36121.000	12.173
911.05	0.999	13.834	14.601	-5.550	45.143	39.647	12.174	41172.50	36160.400	12.173
912.05	0.999	13.834	14.601	-5.550	45.143	39.647	12.174	41217.60	36199.800	12.174
913.05	0.999	13.834	14.601	-5.550	45.143	39.647	12.173	41262.80	36239.300	12.174
914.05	0.999	13.834	14.601	-5.550	45.143	39.648	12.173	41307.90	36278.900	12.174
915.05	0.999	13.834	14.602	-5.550	45.143	39.648	12.173	41353.00	36318.700	12.174
916.05	0.999	13.834	14.602	-5.551	45.143	39.648	12.173	41398.20	36358.400	12.174
917.05	0.999	13.834	14.602	-5.551	45.143	39.648	12.173	41443.30	36398.300	12.173
918.05	0.999	13.834	14.602	-5.551	45.143	39.648	12.172	41488.50	36438.300	12.173
919.05	0.999	13.834	14.602	-5.551	45.143	39.648	12.172	41533.60	36478.300	12.172
920.05	0.999	13.834	14.602	-5.551	45.143	39.648	12.172	41578.80	36518.500	12.170
921.05	0.999	13.834	14.602	-5.551	45.143	39.648	12.172	41623.90	36556.700	12.174
922.05	0.999	13.834	14.602	-5.551	45.143	39.648	12.172	41669.00	36597.000	12.172
923.05	0.999	13.834	14.602	-5.551	45.143	39.648	12.171	41714.20	36637.400	12.170
924.05	0.999	13.834	14.602	-5.552	45.143	39.648	12.171	41759.30	36675.900	12.173
925.05	0.999	13.834	14.602	-5.552	45.143	39.649	12.171	41804.50	36716.400	12.171
926.05	0.999	13.834	14.602	-5.552	45.143	39.649	12.171	41849.60	36757.100	12.169
927.05	0.999	13.834	14.602	-5.552	45.143	39.649	12.170	41894.80	36795.800	12.171
928.05	0.999	13.834	14.602	-5.552	45.143	39.649	12.170	41939.90	36836.700	12.168
929.05	0.999	13.834	14.602	-5.552	45.143	39.649	12.170	41985.00	36875.500	12.170
930.05	0.999	13.834	14.602	-5.552	45.143	39.649	12.170	42030.20	36914.500	12.171
931.05	0.999	13.834	14.602	-5.552	45.143	39.649	12.170	42075.30	36955.600	12.168
932.05	0.999	13.834	14.602	-5.553	45.143	39.649	12.169	42120.50	36994.800	12.169
933.05	0.999	13.834	14.602	-5.553	45.143	39.649	12.169	42165.60	37034.000	12.170
934.05	0.999	13.834	14.602	-5.553	45.143	39.649	12.169	42210.80	37073.300	12.171
935.05	0.999	13.834	14.602	-5.553	45.143	39.649	12.169	42255.90	37114.700	12.167
936.05	0.999	13.834	14.602	-5.553	45.143	39.650	12.169	42301.00	37154.200	12.167
937.05	0.999	13.834	14.602	-5.553	45.143	39.650	12.168	42346.20	37193.800	12.167
938.05	0.999	13.834	14.602	-5.553	45.143	39.650	12.168	42391.30	37233.400	12.167
939.05	0.999	13.834	14.602	-5.553	45.143	39.650	12.168	42436.50	37273.100	12.167
940.05	0.999	13.834	14.602	-5.554	45.143	39.650	12.168	42481.60	37312.900	12.167
941.05	0.999	13.834	14.602	-5.554	45.143	39.650	12.168	42526.80	37352.800	12.166
942.05	0.999	13.834	14.602	-5.554	45.143	39.650	12.167	42571.90	37392.800	12.166

z	z/(1+z)	LTD_LC	LTD_HHC	%Error	CD_LC	CD_HHC	%Error	LD_LC	LD_HHC	%Error
943.05	0.999	13.834	14.602	-5.554	45.143	39.650	12.167	42617.00	37430.700	12.170
944.05	0.999	13.834	14.602	-5.554	45.143	39.650	12.167	42662.20	37470.900	12.168
945.05	0.999	13.834	14.602	-5.554	45.143	39.650	12.167	42707.30	37511.100	12.167
946.05	0.999	13.834	14.602	-5.554	45.143	39.650	12.167	42752.50	37551.400	12.165
947.05	0.999	13.834	14.602	-5.554	45.143	39.651	12.166	42797.60	37589.700	12.169
948.05	0.999	13.834	14.602	-5.554	45.143	39.651	12.166	42842.80	37630.200	12.167
949.05	0.999	13.834	14.602	-5.555	45.143	39.651	12.166	42887.90	37670.800	12.165
950.05	0.999	13.834	14.602	-5.555	45.143	39.651	12.166	42933.00	37709.300	12.167
951.05	0.999	13.834	14.602	-5.555	45.143	39.651	12.166	42978.20	37750.000	12.165
952.05	0.999	13.834	14.602	-5.554	45.213	39.651	12.302	43090.50	37788.700	12.304
953.05	0.999	13.834	14.602	-5.554	45.213	39.651	12.302	43135.70	37829.600	12.301
954.05	0.999	13.834	14.602	-5.555	45.213	39.651	12.302	43180.90	37868.500	12.303
955.05	0.999	13.834	14.602	-5.555	45.213	39.651	12.302	43226.20	37909.600	12.300
956.05	0.999	13.834	14.602	-5.555	45.213	39.651	12.302	43271.40	37948.600	12.301
957.05	0.999	13.834	14.602	-5.555	45.213	39.651	12.302	43316.60	37987.700	12.302
958.05	0.999	13.834	14.602	-5.555	45.213	39.652	12.301	43361.80	38026.800	12.303
959.05	0.999	13.834	14.602	-5.555	45.213	39.652	12.301	43407.00	38068.300	12.299
960.05	0.999	13.834	14.602	-5.555	45.213	39.652	12.301	43452.20	38107.600	12.300
961.05	0.999	13.834	14.602	-5.555	45.213	39.652	12.301	43497.40	38147.000	12.301
962.05	0.999	13.834	14.602	-5.556	45.213	39.652	12.301	43542.60	38186.500	12.301
963.05	0.999	13.834	14.602	-5.556	45.213	39.652	12.300	43587.90	38226.100	12.301
964.05	0.999	13.834	14.602	-5.556	45.213	39.652	12.300	43633.10	38265.700	12.301
965.05	0.999	13.834	14.602	-5.556	45.213	39.652	12.300	43678.30	38305.500	12.301
966.05	0.999	13.834	14.602	-5.556	45.213	39.652	12.300	43723.50	38345.300	12.301
967.05	0.999	13.834	14.602	-5.556	45.213	39.652	12.300	43768.70	38385.200	12.300
968.05	0.999	13.834	14.602	-5.556	45.213	39.652	12.299	43813.90	38425.200	12.299
969.05	0.999	13.834	14.602	-5.556	45.213	39.652	12.299	43859.10	38465.300	12.298
970.05	0.999	13.834	14.602	-5.556	45.213	39.653	12.299	43904.40	38505.400	12.297
971.05	0.999	13.834	14.602	-5.557	45.213	39.653	12.299	43949.60	38543.400	12.301
972.05	0.999	13.834	14.602	-5.557	45.213	39.653	12.299	43994.80	38583.800	12.299
973.05	0.999	13.834	14.602	-5.557	45.213	39.653	12.299	44040.00	38624.200	12.298
974.05	0.999	13.834	14.602	-5.557	45.213	39.653	12.298	44085.20	38662.400	12.301
975.05	0.999	13.834	14.602	-5.557	45.213	39.653	12.298	44130.40	38703.000	12.299
976.05	0.999	13.834	14.603	-5.557	45.213	39.653	12.298	44175.60	38743.600	12.296
977.05	0.999	13.834	14.603	-5.557	45.213	39.653	12.298	44220.80	38782.100	12.299
978.05	0.999	13.834	14.603	-5.557	45.213	39.653	12.298	44266.10	38822.900	12.296
979.05	0.999	13.834	14.603	-5.557	45.213	39.653	12.297	44311.30	38861.600	12.299
980.05	0.999	13.834	14.603	-5.558	45.213	39.653	12.297	44356.50	38902.500	12.296
981.05	0.999	13.834	14.603	-5.558	45.213	39.653	12.297	44401.70	38941.300	12.298
982.05	0.999	13.834	14.603	-5.558	45.213	39.654	12.297	44446.90	38982.500	12.294
983.05	0.999	13.834	14.603	-5.558	45.213	39.654	12.297	44492.10	39021.400	12.296

z	z/(1+z)	LTD_LC	LTD_HHC	%Error	CD_LC	CD_HHC	%Error	LD_LC	LD_HHC	%Error
984.05	0.999	13.834	14.603	-5.558	45.213	39.654	12.296	44537.30	39060.500	12.297
985.05	0.999	13.834	14.603	-5.558	45.213	39.654	12.296	44582.60	39099.600	12.299
986.05	0.999	13.834	14.603	-5.558	45.213	39.654	12.296	44627.80	39141.100	12.294
987.05	0.999	13.834	14.603	-5.558	45.213	39.654	12.296	44673.00	39180.300	12.295
988.05	0.999	13.834	14.603	-5.558	45.213	39.654	12.296	44718.20	39219.700	12.296
989.05	0.999	13.834	14.603	-5.559	45.213	39.654	12.296	44763.40	39259.100	12.296
990.05	0.999	13.834	14.603	-5.559	45.213	39.654	12.295	44808.60	39298.600	12.297
991.05	0.999	13.834	14.603	-5.559	45.213	39.654	12.295	44853.80	39338.200	12.297
992.05	0.999	13.834	14.603	-5.559	45.213	39.654	12.295	44899.00	39377.800	12.297
993.05	0.999	13.834	14.603	-5.559	45.213	39.654	12.295	44944.30	39417.600	12.297
994.05	0.999	13.834	14.603	-5.559	45.213	39.655	12.295	44989.50	39457.400	12.296
995.05	0.999	13.834	14.603	-5.559	45.213	39.655	12.295	45034.70	39497.300	12.296
996.05	0.999	13.834	14.603	-5.559	45.213	39.655	12.294	45079.90	39537.300	12.295
997.05	0.999	13.834	14.603	-5.559	45.213	39.655	12.294	45125.10	39577.400	12.294
998.05	0.999	13.834	14.603	-5.559	45.213	39.655	12.294	45170.30	39617.500	12.293
999.05	0.999	13.834	14.603	-5.560	45.213	39.655	12.294	45215.50	39657.700	12.292
1000.05	0.999	13.834	14.603	-5.560	45.213	39.655	12.294	45260.80	39695.700	12.296
1001.05	0.999	13.834	14.603	-5.560	45.213	39.655	12.293	45306.00	39736.100	12.294
1002.05	0.999	13.834	14.603	-5.560	45.213	39.655	12.293	45351.20	39776.500	12.292
1003.05	0.999	13.834	14.603	-5.560	45.213	39.655	12.293	45396.40	39814.700	12.296
1004.05	0.999	13.834	14.603	-5.560	45.213	39.655	12.293	45441.60	39855.300	12.293
1005.05	0.999	13.834	14.603	-5.560	45.213	39.655	12.293	45486.80	39896.000	12.291
1006.05	0.999	13.834	14.603	-5.560	45.213	39.655	12.293	45532.00	39934.400	12.294
1007.05	0.999	13.834	14.603	-5.560	45.213	39.656	12.292	45577.20	39975.300	12.291
1008.05	0.999	13.834	14.603	-5.561	45.213	39.656	12.292	45622.50	40013.800	12.294
1009.05	0.999	13.834	14.603	-5.561	45.213	39.656	12.292	45667.70	40054.900	12.291
1010.05	0.999	13.834	14.603	-5.561	45.213	39.656	12.292	45712.90	40093.600	12.293
1011.05	0.999	13.834	14.603	-5.561	45.213	39.656	12.292	45758.10	40134.800	12.289
1012.05	0.999	13.834	14.603	-5.561	45.213	39.656	12.292	45803.30	40173.600	12.291
1013.05	0.999	13.834	14.603	-5.561	45.213	39.656	12.291	45848.50	40212.500	12.293
1014.05	0.999	13.834	14.603	-5.561	45.213	39.656	12.291	45893.70	40254.000	12.289
1015.05	0.999	13.834	14.603	-5.561	45.213	39.656	12.291	45939.00	40293.100	12.290
1016.05	0.999	13.834	14.603	-5.561	45.213	39.656	12.291	45984.20	40332.200	12.291
1017.05	0.999	13.834	14.603	-5.561	45.213	39.656	12.291	46029.40	40371.500	12.292
1018.05	0.999	13.834	14.603	-5.562	45.213	39.656	12.291	46074.60	40410.800	12.293
1019.05	0.999	13.834	14.603	-5.562	45.213	39.656	12.290	46119.80	40452.600	12.288
1020.05	0.999	13.834	14.603	-5.562	45.213	39.657	12.290	46165.00	40492.100	12.288
1021.05	0.999	13.834	14.603	-5.562	45.213	39.657	12.290	46210.20	40531.600	12.289
1022.05	0.999	13.834	14.603	-5.562	45.213	39.657	12.290	46255.40	40571.300	12.289
1023.05	0.999	13.834	14.603	-5.562	45.213	39.657	12.290	46300.70	40611.000	12.289
1024.05	0.999	13.834	14.603	-5.562	45.213	39.657	12.290	46345.90	40650.700	12.288

z	z/(1+z)	LTD_LC	LTD_HHC	%Error	CD_LC	CD_HHC	%Error	LD_LC	LD_HHC	%Error
1025.05	0.999	13.834	14.603	-5.562	45.213	39.657	12.289	46391.10	40690.600	12.288
1026.05	0.999	13.834	14.603	-5.562	45.213	39.657	12.289	46436.30	40730.500	12.287
1027.05	0.999	13.834	14.603	-5.562	45.213	39.657	12.289	46481.50	40770.500	12.287
1028.05	0.999	13.834	14.603	-5.563	45.213	39.657	12.289	46526.70	40808.100	12.291
1029.05	0.999	13.834	14.603	-5.563	45.213	39.657	12.289	46571.90	40848.300	12.290
1030.05	0.999	13.834	14.603	-5.563	45.213	39.657	12.289	46617.20	40888.500	12.289
1031.05	0.999	13.834	14.603	-5.563	45.213	39.657	12.288	46662.40	40928.900	12.287
1032.05	0.999	13.834	14.603	-5.563	45.213	39.657	12.288	46707.60	40969.300	12.286
1033.05	0.999	13.834	14.603	-5.563	45.213	39.658	12.288	46752.80	41007.200	12.289
1034.05	0.999	13.834	14.603	-5.563	45.213	39.658	12.288	46798.00	41047.800	12.287
1035.05	0.999	13.834	14.603	-5.563	45.213	39.658	12.288	46843.20	41088.400	12.285
1036.05	0.999	13.834	14.603	-5.563	45.213	39.658	12.288	46888.40	41126.600	12.289
1037.05	0.999	13.834	14.603	-5.563	45.213	39.658	12.287	46933.60	41167.400	12.286
1038.05	0.999	13.834	14.603	-5.564	45.213	39.658	12.287	46978.90	41205.700	12.289
1039.05	0.999	13.834	14.603	-5.564	45.213	39.658	12.287	47024.10	41246.600	12.286
1040.05	0.999	13.834	14.603	-5.564	45.213	39.658	12.287	47069.30	41285.100	12.289
1041.05	0.999	13.834	14.603	-5.564	45.213	39.658	12.287	47114.50	41326.200	12.286
1042.05	0.999	13.834	14.603	-5.564	45.213	39.658	12.287	47159.70	41364.800	12.288
1043.05	0.999	13.834	14.603	-5.564	45.213	39.658	12.286	47204.90	41406.100	12.284
1044.05	0.999	13.834	14.603	-5.564	45.213	39.658	12.286	47250.10	41444.800	12.286
1045.05	0.999	13.834	14.603	-5.564	45.213	39.658	12.286	47295.40	41483.700	12.288
1046.05	0.999	13.834	14.604	-5.564	45.213	39.658	12.286	47340.60	41525.200	12.284
1047.05	0.999	13.834	14.604	-5.564	45.213	39.659	12.286	47385.80	41564.200	12.286
1048.05	0.999	13.834	14.604	-5.565	45.213	39.659	12.286	47431.00	41603.200	12.287
1049.05	0.999	13.834	14.604	-5.565	45.213	39.659	12.285	47476.20	41642.400	12.288
1050.05	0.999	13.834	14.604	-5.565	45.213	39.659	12.285	47521.40	41684.200	12.283
1051.05	0.999	13.834	14.604	-5.565	45.213	39.659	12.285	47566.60	41723.500	12.284
1052.05	0.999	13.834	14.604	-5.564	45.287	39.659	12.427	47689.00	41762.800	12.427
1053.05	0.999	13.834	14.604	-5.564	45.287	39.659	12.427	47734.30	41802.200	12.427
1054.05	0.999	13.834	14.604	-5.565	45.287	39.659	12.427	47779.60	41841.800	12.428
1055.05	0.999	13.834	14.604	-5.565	45.287	39.659	12.426	47824.90	41881.300	12.428
1056.05	0.999	13.834	14.604	-5.565	45.287	39.659	12.426	47870.20	41921.000	12.428
1057.05	0.999	13.834	14.604	-5.565	45.287	39.659	12.426	47915.40	41960.700	12.428
1058.05	0.999	13.834	14.604	-5.565	45.287	39.659	12.426	47960.70	42000.500	12.427
1059.05	0.999	13.834	14.604	-5.565	45.287	39.659	12.426	48006.00	42040.400	12.427
1060.05	0.999	13.834	14.604	-5.565	45.287	39.659	12.426	48051.30	42080.400	12.426
1061.05	0.999	13.834	14.604	-5.565	45.287	39.660	12.426	48096.60	42120.400	12.425
1062.05	0.999	13.834	14.604	-5.565	45.287	39.660	12.425	48141.90	42160.500	12.425
1063.05	0.999	13.834	14.604	-5.565	45.287	39.660	12.425	48187.20	42200.700	12.423
1064.05	0.999	13.834	14.604	-5.566	45.287	39.660	12.425	48232.50	42238.300	12.428
1065.05	0.999	13.834	14.604	-5.566	45.287	39.660	12.425	48277.70	42278.600	12.426

z	z/(1+z)	LTD_LC	LTD_HHC	%Error	CD_LC	CD_HHC	%Error	LD_LC	LD_HHC	%Error
1066.05	0.999	13.834	14.604	-5.566	45.287	39.660	12.425	48323.00	42319.000	12.425
1067.05	0.999	13.834	14.604	-5.566	45.287	39.660	12.425	48368.30	42359.500	12.423
1068.05	0.999	13.834	14.604	-5.566	45.287	39.660	12.424	48413.60	42397.400	12.427
1069.05	0.999	13.834	14.604	-5.566	45.287	39.660	12.424	48458.90	42438.000	12.425
1070.05	0.999	13.834	14.604	-5.566	45.287	39.660	12.424	48504.20	42478.700	12.423
1071.05	0.999	13.834	14.604	-5.566	45.287	39.660	12.424	48549.50	42516.800	12.426
1072.05	0.999	13.834	14.604	-5.566	45.287	39.660	12.424	48594.80	42557.600	12.423
1073.05	0.999	13.834	14.604	-5.566	45.287	39.660	12.424	48640.00	42595.900	12.426
1074.05	0.999	13.834	14.604	-5.566	45.287	39.660	12.424	48685.30	42636.900	12.424
1075.05	0.999	13.834	14.604	-5.567	45.287	39.661	12.423	48730.60	42678.000	12.421
1076.05	0.999	13.834	14.604	-5.567	45.287	39.661	12.423	48775.90	42716.400	12.423
1077.05	0.999	13.834	14.604	-5.567	45.287	39.661	12.423	48821.20	42754.900	12.426
1078.05	0.999	13.834	14.604	-5.567	45.287	39.661	12.423	48866.50	42796.200	12.422
1079.05	0.999	13.834	14.604	-5.567	45.287	39.661	12.423	48911.80	42834.900	12.424
1080.05	0.999	13.834	14.604	-5.567	45.287	39.661	12.423	48957.00	42876.300	12.421
1081.05	0.999	13.834	14.604	-5.567	45.287	39.661	12.422	49002.30	42915.100	12.422
1082.05	0.999	13.834	14.604	-5.567	45.287	39.661	12.422	49047.60	42954.000	12.424
1083.05	0.999	13.834	14.604	-5.567	45.287	39.661	12.422	49092.90	42995.700	12.420
1084.05	0.999	13.834	14.604	-5.567	45.287	39.661	12.422	49138.20	43034.700	12.421
1085.05	0.999	13.834	14.604	-5.567	45.287	39.661	12.422	49183.50	43073.800	12.422
1086.05	0.999	13.834	14.604	-5.568	45.287	39.661	12.422	49228.80	43112.900	12.423
1087.05	0.999	13.834	14.604	-5.568	45.287	39.661	12.422	49274.00	43152.100	12.424
1088.05	0.999	13.834	14.604	-5.568	45.287	39.661	12.421	49319.30	43194.200	12.419
1089.05	0.999	13.834	14.604	-5.568	45.287	39.661	12.421	49364.60	43233.600	12.420
1090.05	0.999	13.834	14.604	-5.568	45.287	39.662	12.421	49409.90	43273.000	12.420
1091.05	0.999	13.834	14.604	-5.568	45.287	39.662	12.421	49455.20	43312.500	12.421
1092.05	0.999	13.834	14.604	-5.568	45.287	39.662	12.421	49500.50	43352.100	12.421
1093.05	0.999	13.834	14.604	-5.568	45.287	39.662	12.421	49545.80	43391.800	12.421
1094.05	0.999	13.834	14.604	-5.568	45.287	39.662	12.421	49591.10	43431.500	12.421
1095.05	0.999	13.834	14.604	-5.568	45.287	39.662	12.420	49636.30	43471.300	12.421
1096.05	0.999	13.834	14.604	-5.568	45.287	39.662	12.420	49681.60	43511.100	12.420
1097.05	0.999	13.834	14.604	-5.568	45.287	39.662	12.420	49726.90	43551.100	12.420
1098.05	0.999	13.834	14.604	-5.569	45.287	39.662	12.420	49772.20	43591.100	12.419
1099.05	0.999	13.834	14.604	-5.569	45.287	39.662	12.420	49817.50	43631.200	12.418
1100.05	0.999	13.834	14.604	-5.569	45.287	39.662	12.420	49862.80	43671.300	12.417