

APPENDIX E

CONTINUOUS-FLOW, CONTINUOUS-COMPOUNDING INTEREST FACTORS

CONTINUOUS-FLOW, CONTINUOUS-COMPOUNDING INTEREST FACTORS

A-91

Effective interest rate of 5%; $r = 4.879\%$

N	($\bar{A}/P, 4.879, N$)	($P/\bar{A}, 4.879, N$)	($\bar{A}/F, 4.879, N$)	($F/\bar{A}, 4.879, N$)	N	($\bar{A}/P, 4.879, N$)	($P/\bar{A}, 4.879, N$)	($\bar{A}/F, 4.879, N$)	($F/\bar{A}, 4.879, N$)
1	1.02459	0.97600	0.97580	1.02480	1	1.02459	0.97600	0.97580	1.02480
2	0.52479	1.90552	0.47600	2.10083	2	0.52479	1.90552	0.47600	2.10083
3	0.35832	2.79078	0.30953	3.23067	3	0.35832	2.79078	0.30953	3.23067
4	0.27519	3.63388	0.22640	4.41700	4	0.27519	3.63388	0.22640	4.41700
5	0.22539	4.43684	0.17660	5.66265	5	0.22539	4.43684	0.17660	5.66265
6	0.19225	5.20155	0.14346	6.97057	6	0.19225	5.20155	0.14346	6.97057
7	0.16864	5.92986	0.11985	8.34390	7	0.16864	5.92986	0.11985	8.34390
8	0.15098	6.62348	0.10219	9.78589	8	0.15098	6.62348	0.10219	9.78589
9	0.13729	7.28408	0.08850	11.29998	9	0.13729	7.28408	0.08850	11.29998
10	0.12637	7.91321	0.07758	12.88977	10	0.12637	7.91321	0.07758	12.88977
11	0.11748	8.51239	0.06869	14.55905	11	0.11748	8.51239	0.06869	14.55905
12	0.11010	9.08304	0.06131	16.31180	12	0.11010	9.08304	0.06131	16.31180
13	0.10388	9.62651	0.05509	18.15219	13	0.10388	9.62651	0.05509	18.15219
14	0.09858	10.14411	0.04979	20.08459	14	0.09858	10.14411	0.04979	20.08459
15	0.09401	10.63705	0.04522	22.11361	15	0.09401	10.63705	0.04522	22.11361
16	0.09004	11.10652	0.04125	24.24408	16	0.09004	11.10652	0.04125	24.24408
17	0.08655	11.55364	0.03776	26.48108	17	0.08655	11.55364	0.03776	26.48108
18	0.08348	11.97947	0.03469	28.82993	18	0.08348	11.97947	0.03469	28.82993
19	0.08074	12.38501	0.03195	31.29621	19	0.08074	12.38501	0.03195	31.29621
20	0.07830	12.77125	0.02951	33.88582	20	0.07830	12.77125	0.02951	33.88582
21	0.07611	13.13909	0.02732	36.60490	21	0.07611	13.13909	0.02732	36.60490
22	0.07413	13.48942	0.02534	39.45993	22	0.07413	13.48942	0.02534	39.45993
23	0.07234	13.82307	0.02355	42.45772	23	0.07234	13.82307	0.02355	42.45772
24	0.07072	14.14083	0.02193	45.60540	24	0.07072	14.14083	0.02193	45.60540
25	0.06924	14.44345	0.02045	48.91045	25	0.06924	14.44345	0.02045	48.91045
26	0.06788	14.73167	0.01909	52.38076	26	0.06788	14.73167	0.01909	52.38076
27	0.06664	15.00616	0.01785	56.02459	27	0.06664	15.00616	0.01785	56.02459
28	0.06550	15.26758	0.01671	59.85061	28	0.06550	15.26758	0.01671	59.85061
29	0.06445	15.51655	0.01566	63.86792	29	0.06445	15.51655	0.01566	63.86792
30	0.06348	15.75367	0.01469	68.08611	30	0.06348	15.75367	0.01469	68.08611
31	0.06258	15.97949	0.01379	72.51520	31	0.06258	15.97949	0.01379	72.51520
32	0.06175	16.19456	0.01296	77.16574	32	0.06175	16.19456	0.01296	77.16574
33	0.06098	16.39939	0.01219	82.04881	33	0.06098	16.39939	0.01219	82.04881
34	0.06026	16.59447	0.01147	87.17603	34	0.06026	16.59447	0.01147	87.17603
35	0.05959	16.78026	0.01080	92.55962	35	0.05959	16.78026	0.01080	92.55962
40	0.05687	17.58462	0.00808	123.79468	40	0.05687	17.58462	0.00808	123.79468
45	0.05490	18.21485	0.00611	163.65939	45	0.05490	18.21485	0.00611	163.65939
50	0.05345	18.70866	0.00466	214.53793	50	0.05345	18.70866	0.00466	214.53793

Effective interest rate of 8%; $r = 7.696\%$

N	$(\bar{A}/P, 7.696, N)$	$(P/\bar{A}, 7.696, N)$	$(\bar{A}/F, 7.696, N)$	$(F/\bar{A}, 7.696, N)$	N
1	1.03897	0.96249	0.96201	1.03949	1
2	0.53947	1.85368	0.46251	2.16213	2
3	0.37329	2.67886	0.29633	3.37459	3
4	0.29045	3.44292	0.21349	4.68403	4
5	0.24094	4.15038	0.16398	6.09824	5
6	0.20810	4.80544	0.13114	7.62558	6
7	0.18478	5.41197	0.10782	9.27510	7
8	0.16740	5.97358	0.09044	11.05659	8
9	0.15400	6.49359	0.07704	12.98059	9
10	0.14337	6.97507	0.06641	15.05850	10
11	0.13475	7.42090	0.05779	17.30265	11
12	0.12765	7.83370	0.05069	19.72633	12
13	0.12171	8.21592	0.04475	22.34390	13
14	0.11669	8.56983	0.03973	25.17088	14
15	0.11239	8.89752	0.03543	28.22401	15
16	0.10868	9.20094	0.03172	31.52138	16
17	0.10546	9.48189	0.02850	35.08254	17
18	0.10265	9.74203	0.02569	38.92859	18
19	0.10017	9.98289	0.02321	43.08232	19
20	0.09798	10.20592	0.02102	47.56835	20
21	0.09604	10.41242	0.01908	52.41325	21
22	0.09431	10.60363	0.01735	57.64574	22
23	0.09276	10.78067	0.01580	63.29682	23
24	0.09137	10.94460	0.01441	69.39998	24
25	0.09012	11.09639	0.01316	75.99138	25
26	0.08899	11.23694	0.01203	83.11010	26
27	0.08797	11.36707	0.01101	90.79830	27
28	0.08705	11.48756	0.01009	99.10154	28
29	0.08621	11.59913	0.00925	108.06904	29
30	0.08545	11.70244	0.00849	117.75393	30
31	0.08476	11.79809	0.00780	128.21360	31
32	0.08413	11.88666	0.00717	139.51003	32
33	0.08355	11.96866	0.00659	151.71016	33
34	0.08302	12.04460	0.00606	164.88629	34
35	0.08254	12.11490	0.00558	179.11650	35
40	0.08067	12.39562	0.00371	269.27776	40
45	0.07945	12.58668	0.00249	401.75356	45
50	0.07864	12.71671	0.00168	596.40295	50

Effective interest rate of 9%; $r = 8.618\%$

N	$(\bar{A}/P, 8.618, N)$	$(P/\bar{A}, 8.618, N)$	$(\bar{A}/F, 8.618, N)$	$(F/\bar{A}, 8.618, N)$	N
1	1.04371	0.95812	0.95753	1.04435	1
2	0.54433	1.83713	0.45815	2.18270	2
3	0.37828	2.64356	0.29210	3.42351	3
4	0.29556	3.38340	0.20938	4.77599	4
5	0.24618	4.06215	0.16000	6.25019	5
6	0.21345	4.68486	0.12727	7.85708	6
7	0.19025	5.25615	0.10407	9.60859	7
8	0.17300	5.78026	0.08682	11.51775	8
9	0.15972	6.26110	0.07354	13.59873	9
10	0.14920	6.70224	0.06302	15.86700	10
11	0.14071	7.10695	0.05453	18.33943	11
12	0.13372	7.47824	0.04754	21.03438	12
13	0.12790	7.81888	0.04172	23.97188	13
14	0.12298	8.13139	0.03680	27.17376	14
15	0.11879	8.41810	0.03261	30.66382	15
16	0.11519	8.68113	0.02901	34.46800	16
17	0.11208	8.92244	0.02590	38.61456	17
18	0.10936	9.14383	0.02318	43.13432	18
19	0.10699	9.34693	0.02081	48.06088	19
20	0.10490	9.53327	0.01872	53.43083	20
21	0.10305	9.70422	0.01687	59.28409	21
22	0.10141	9.86106	0.01523	65.66417	22
23	0.09995	10.00494	0.01377	72.61846	23
24	0.09865	10.13695	0.01247	80.19866	24
25	0.09748	10.25805	0.01130	88.46110	25
26	0.09644	10.36916	0.01026	97.46717	26
27	0.09550	10.47109	0.00932	107.28382	27
28	0.09466	10.56460	0.00848	117.98399	28
29	0.09389	10.65039	0.00771	129.64720	29
30	0.09320	10.72910	0.00702	142.36012	30
31	0.09258	10.80131	0.00640	156.21725	31
32	0.09202	10.86756	0.00584	171.32155	32
33	0.09151	10.92834	0.00533	187.78527	33
34	0.09104	10.98410	0.00486	205.73077	34
35	0.09062	11.03525	0.00444	225.29141	35
40	0.08901	11.23422	0.00283	352.89295	40
45	0.08800	11.36354	0.00182	549.22600	45
50	0.08735	11.44759	0.00117	851.31220	50

Effective interest rate of 10%; $r = 9.531\%$

N	$(\bar{A}/P, 9.531, N)$	$(P/\bar{A}, 9.531, N)$	$(\bar{A}/F, 9.531, N)$	$(F/\bar{A}, 9.531, N)$	N
1	1.04841	0.95382	0.95310	1.04921	1
2	0.54917	1.82094	0.45386	2.20333	2
3	0.38326	2.60922	0.28795	3.47287	3
4	0.30068	3.32584	0.20537	4.86936	4
5	0.25143	3.97732	0.15612	6.40550	5
6	0.21884	4.56957	0.12353	8.09526	6
7	0.19577	5.10798	0.10046	9.95399	7
8	0.17865	5.59744	0.08334	11.99859	8
9	0.16550	6.04241	0.07019	14.24765	9
10	0.15511	6.44692	0.05980	16.72162	10
11	0.14674	6.81466	0.05143	19.44299	11
12	0.13988	7.14897	0.04457	22.43649	12
13	0.13418	7.45289	0.03887	25.72934	13
14	0.12938	7.72918	0.03407	29.35147	14
15	0.12531	7.98035	0.03000	33.33582	15
16	0.12182	8.20869	0.02651	37.71860	16
17	0.11882	8.41627	0.02351	42.53966	17
18	0.11621	8.60498	0.02090	47.84282	18
19	0.11394	8.77653	0.01863	53.67630	19
20	0.11195	8.93249	0.01664	60.09313	20
21	0.11020	9.07427	0.01489	67.15163	21
22	0.10866	9.20316	0.01335	74.91599	22
23	0.10729	9.32034	0.01198	83.45678	23
24	0.10608	9.42686	0.01077	92.85164	24
25	0.10500	9.52370	0.00969	103.18600	25
26	0.10404	9.61173	0.00873	114.55378	26
27	0.10318	9.69176	0.00787	127.05834	27
28	0.10241	9.76452	0.00710	140.81336	28
29	0.10172	9.83066	0.00641	155.94387	29
30	0.10110	9.89079	0.00579	172.58743	30
31	0.10055	9.94545	0.00524	190.89535	31
32	0.10005	9.99515	0.00474	211.03405	32
33	0.09960	10.04032	0.00429	233.18662	33
34	0.09919	10.08139	0.00388	257.55444	34
35	0.09883	10.11872	0.00352	284.35904	35
40	0.09746	10.26026	0.00215	464.36817	40
45	0.09664	10.34813	0.00133	754.27441	45
50	0.09613	10.40270	0.00082	1221.17089	50

Effective interest rate of 11%; $r = 10.436\%$

N	$(\bar{A}/P, 10.436, N)$	$(P/\bar{A}, 10.436, N)$	$(\bar{A}/F, 10.436, N)$	$(F/\bar{A}, 10.436, N)$	N
1	1.05309	0.94959	0.94873	1.05404	1
2	0.55399	1.80507	0.44963	2.22403	2
3	0.38823	2.57578	0.28387	3.52272	3
4	0.30580	3.27011	0.20144	4.96426	4
5	0.25670	3.89564	0.15234	6.56437	5
6	0.22426	4.45917	0.11990	8.34050	6
7	0.20133	4.96686	0.09697	10.31200	7
8	0.18436	5.42424	0.08000	12.50036	8
9	0.17134	5.83629	0.06698	14.92944	9
10	0.16110	6.20751	0.05674	17.62572	10
11	0.15286	6.54194	0.04850	20.61860	11
12	0.14613	6.84323	0.04177	23.94069	12
13	0.14055	7.11466	0.03619	27.62820	13
14	0.13588	7.35919	0.03152	31.72135	14
15	0.13193	7.57949	0.02757	36.26474	15
16	0.12857	7.77796	0.02421	41.30791	16
17	0.12568	7.95676	0.02132	46.90582	17
18	0.12319	8.11784	0.01883	53.11950	18
19	0.12102	8.26296	0.01666	60.01669	19
20	0.11914	8.39370	0.01478	67.67257	20
21	0.11749	8.51148	0.01313	76.17059	21
22	0.11604	8.61759	0.01168	85.60340	22
23	0.11477	8.71318	0.01041	96.07381	23
24	0.11365	8.79930	0.00929	107.69598	24
25	0.11265	8.87689	0.00829	120.59658	25
26	0.11177	8.94678	0.00741	134.91624	26
27	0.11099	9.00975	0.00663	150.81107	27
28	0.11030	9.06649	0.00594	168.45433	28
29	0.10968	9.11759	0.00532	188.03834	29
30	0.10913	9.16364	0.00477	209.77660	30
31	0.10864	9.20512	0.00428	233.90607	31
32	0.10820	9.24249	0.00384	260.68977	32
33	0.10780	9.27615	0.00344	290.41969	33
34	0.10745	9.30648	0.00309	323.41989	34
35	0.10714	9.33381	0.00278	360.05012	35
40	0.10599	9.43480	0.00163	613.26972	40
45	0.10532	9.49473	0.00096	1039.95943	45
50	0.10493	9.53030	0.00057	1758.95636	50

Effective interest rate of 12%; $r = 11.333\%$

N	$(\bar{A}/P, 11.333, N)$	$(P/\bar{A}, 11.333, N)$	$(\bar{A}/F, 11.333, N)$	$(F/\bar{A}, 11.333, N)$	N
1	1.05774	0.94542	0.94441	1.05887	1
2	0.55880	1.78954	0.44547	2.24480	2
3	0.39320	2.54322	0.27987	3.57305	3
4	0.31093	3.21614	0.19760	5.06069	4
5	0.26199	3.81697	0.14866	6.72684	5
6	0.22970	4.35342	0.11637	8.59294	6
7	0.20694	4.83239	0.09361	10.68298	7
8	0.19011	5.26005	0.07678	13.02382	8
9	0.17725	5.64188	0.06392	15.64556	9
10	0.16715	5.98280	0.05382	18.58192	10
11	0.15905	6.28720	0.04572	21.87065	11
12	0.15246	6.55898	0.03913	25.55402	12
13	0.14702	6.80164	0.03369	29.67941	13
14	0.14248	7.01830	0.02915	34.29985	14
15	0.13866	7.21175	0.02533	39.47475	15
16	0.13542	7.38447	0.02209	45.27065	16
17	0.13265	7.53868	0.01932	51.76206	17
18	0.13027	7.67637	0.01694	59.03245	18
19	0.12822	7.79931	0.01489	67.17530	19
20	0.12644	7.90908	0.01311	76.29530	20
21	0.12489	8.00709	0.01156	86.50972	21
22	0.12354	8.09459	0.01021	97.94988	22
23	0.12236	8.17272	0.00903	110.76288	23
24	0.12132	8.24248	0.00799	125.11346	24
25	0.12041	8.30476	0.00708	141.18612	25
26	0.11961	8.36037	0.00628	159.18753	26
27	0.11891	8.41002	0.00558	179.34914	27
28	0.11828	8.45436	0.00495	201.93017	28
29	0.11773	8.49394	0.00440	227.22095	29
30	0.11724	8.52928	0.00391	255.54667	30
31	0.11681	8.56084	0.00348	287.27151	31
32	0.11643	8.58901	0.00310	322.80338	32
33	0.11609	8.61416	0.00276	362.59913	33
34	0.11579	8.63662	0.00246	407.17043	34
35	0.11552	8.65668	0.00219	457.09035	35
40	0.11456	8.72897	0.00123	812.28151	40
45	0.11403	8.76998	0.00070	1438.25382	45
50	0.11372	8.79326	0.00039	2541.43817	50

Effective interest rate of 13%; $r = 12.222\%$

N	$(\bar{A}/P, 12.222, N)$	$(P/\bar{A}, 12.222, N)$	$(\bar{A}/F, 12.222, N)$	$(F/\bar{A}, 12.222, N)$	N
1	1.06235	0.94131	0.94013	1.06368	1
2	0.56360	1.77432	0.44138	2.26564	2
3	0.39817	2.51149	0.27595	3.62385	3
4	0.31607	3.16386	0.19385	5.15864	4
5	0.26730	3.74118	0.14508	6.89296	5
6	0.23518	4.25207	0.11296	8.85274	6
7	0.21258	4.70419	0.09036	11.06729	7
8	0.19591	5.10430	0.07369	13.56975	8
9	0.18320	5.45837	0.06098	16.39753	9
10	0.17326	5.77171	0.05104	19.59293	10
11	0.16532	6.04900	0.04310	23.20374	11
12	0.15887	6.29439	0.03665	27.28397	12
13	0.15357	6.51155	0.03135	31.89463	13
14	0.14917	6.70373	0.02695	37.10470	14
15	0.14548	6.87379	0.02326	42.99208	15
16	0.14236	7.02429	0.02014	49.64485	16
17	0.13971	7.15748	0.01749	57.16249	17
18	0.13745	7.27534	0.01523	65.65744	18
19	0.13551	7.37965	0.01329	75.25676	19
20	0.13383	7.47195	0.01161	86.10402	20
21	0.13239	7.55364	0.01017	98.36145	21
22	0.13113	7.62592	0.00891	112.21238	22
23	0.13004	7.68989	0.00782	127.86397	23
24	0.12909	7.74650	0.00687	145.55030	24
25	0.12826	7.79660	0.00604	165.53591	25
26	0.12754	7.84094	0.00532	188.11970	26
27	0.12690	7.88017	0.00468	213.63944	27
28	0.12634	7.91489	0.00412	242.47681	28
29	0.12586	7.94562	0.00364	275.06313	29
30	0.12543	7.97281	0.00321	311.88575	30
31	0.12505	7.99687	0.00283	353.49541	31
32	0.12472	8.01817	0.00250	400.51443	32
33	0.12442	8.03701	0.00220	453.64606	33
34	0.12417	8.05369	0.00195	513.68494	34
35	0.12394	8.06845	0.00172	581.52903	35
40	0.12315	8.12035	0.00093	1078.33518	40
45	0.12272	8.14853	0.00050	1993.67914	45
50	0.12249	8.16382	0.00027	3680.16101	50

Effective interest rate of 14%; $r = 13.103\%$

N	$(\bar{A}/P, 13.103, N)$	$(P/\bar{A}, 13.103, N)$	$(\bar{A}/F, 13.103, N)$	$(F/\bar{A}, 13.103, N)$	N
1	1.06695	0.93726	0.93592	1.06847	1
2	0.56837	1.75941	0.43734	2.28653	2
3	0.40313	2.48059	0.27210	3.67513	3
4	0.32121	3.11321	0.19018	5.25812	4
5	0.27262	3.66814	0.14159	7.06274	5
6	0.24068	4.15491	0.10965	9.12001	6
7	0.21825	4.58191	0.08722	11.46531	7
8	0.20176	4.95647	0.07073	14.13895	8
9	0.18921	5.28503	0.05818	17.18690	9
10	0.17943	5.57323	0.04840	20.66157	10
11	0.17164	5.82605	0.04061	24.62271	11
12	0.16535	6.04782	0.03432	29.13841	12
13	0.16020	6.24235	0.02917	34.28631	13
14	0.15593	6.41299	0.02490	40.15494	14
15	0.15238	6.56267	0.02135	46.84518	15
16	0.14939	6.69398	0.01836	54.47207	16
17	0.14686	6.80915	0.01583	63.16674	17
18	0.14471	6.91019	0.01368	73.07868	18
19	0.14288	6.99881	0.01185	84.37832	19
20	0.14131	7.07655	0.01028	97.25992	20
21	0.13996	7.14475	0.00893	111.94498	21
22	0.13880	7.20457	0.00777	128.68597	22
23	0.13780	7.25704	0.00677	147.77073	23
24	0.13693	7.30307	0.00590	169.52740	24
25	0.13618	7.34344	0.00515	194.33004	25
26	0.13552	7.37886	0.00449	222.60510	26
27	0.13495	7.40993	0.00392	254.83873	27
28	0.13446	7.43718	0.00343	291.58513	28
29	0.13403	7.46109	0.00300	333.47610	29
30	0.13365	7.48206	0.00262	381.23189	30
31	0.13333	7.50045	0.00230	435.67358	31
32	0.13304	7.51659	0.00201	497.73722	32
33	0.13279	7.53074	0.00176	568.48989	33
34	0.13257	7.54316	0.00154	649.14807	34
35	0.13238	7.55405	0.00135	741.09856	35
40	0.13173	7.59144	0.00070	1433.99712	40
45	0.13139	7.61086	0.00036	2768.12569	45
50	0.13122	7.62094	0.00019	5336.89863	50

Effective interest rate of 15%; $r = 13.976\%$

N	$(\bar{A}/P, 13.976, N)$	$(P/\bar{A}, 13.976, N)$	$(\bar{A}/F, 13.976, N)$	$(F/\bar{A}, 13.976, N)$	N
1	1.07151	0.93326	0.93175	1.07325	1
2	0.57313	1.74480	0.43337	2.30749	2
3	0.40808	2.45049	0.26832	3.72686	3
4	0.32636	3.06413	0.18660	5.35913	4
5	0.27795	3.59773	0.13819	7.23625	5
6	0.24620	4.06173	0.10644	9.39492	6
7	0.22395	4.46521	0.08419	11.87739	7
8	0.20764	4.81606	0.06788	14.73222	8
9	0.19527	5.12115	0.05551	18.01527	9
10	0.18565	5.38645	0.04589	21.79078	10
11	0.17803	5.61714	0.03827	26.13260	11
12	0.17189	5.81775	0.03213	31.12568	12
13	0.16688	5.99219	0.02712	36.86772	13
14	0.16276	6.14387	0.02300	43.47105	14
15	0.15934	6.27577	0.01958	51.06486	15
16	0.15648	6.39047	0.01672	59.79773	16
17	0.15408	6.49020	0.01432	69.84050	17
18	0.15205	6.57693	0.01229	81.38967	18
19	0.15032	6.65235	0.01056	94.67120	19
20	0.14886	6.71793	0.00910	109.94492	20
21	0.14760	6.77495	0.00784	127.50966	21
22	0.14653	6.82454	0.00677	147.70908	22
23	0.14561	6.86766	0.00585	170.93836	23
24	0.14482	6.90515	0.00506	197.65199	24
25	0.14414	6.93776	0.00438	228.37260	25
26	0.14355	6.96611	0.00379	263.70123	26
27	0.14305	6.99076	0.00329	304.32908	27
28	0.14261	7.01220	0.00285	351.05101	28
29	0.14223	7.03084	0.00247	404.78113	29
30	0.14190	7.04705	0.00214	466.57065	30
31	0.14162	7.06115	0.00186	537.62846	31
32	0.14137	7.07341	0.00161	619.34478	32
33	0.14116	7.08406	0.00140	713.31836	33
34	0.14098	7.09333	0.00122	821.38777	34
35	0.14082	7.10139	0.00106	945.66736	35
40	0.14028	7.12841	0.00052	1909.29261	40
45	0.14002	7.14184	0.00026	3847.46837	45
50	0.13989	7.14852	0.00013	7745.79424	50

Effective interest rate of 20%; $r = 18.232$

N	$(\bar{A}/P, 18.232, N)$	$(P/\bar{A}, 18.232, N)$	$(\bar{A}/F, 18.232, N)$	$(F/\bar{A}, 18.232, N)$	N
1	1.09393	0.91414	0.91161	1.09696	1
2	0.59669	1.67592	0.41437	2.41331	2
3	0.43276	2.31074	0.25044	3.99294	3
4	0.35214	2.83975	0.16982	5.88848	4
5	0.30482	3.28060	0.12250	8.16312	5
6	0.27412	3.64798	0.09180	10.89269	6
7	0.25290	3.95412	0.07058	14.16818	7
8	0.23757	4.20924	0.05525	18.09875	8
9	0.22615	4.42184	0.04383	22.81542	9
10	0.21744	4.59901	0.03512	28.47543	10
11	0.21067	4.74665	0.02835	35.26742	11
12	0.20535	4.86969	0.02303	43.41780	12
13	0.20112	4.97221	0.01880	53.19824	13
14	0.19772	5.05766	0.01540	64.93476	14
15	0.19498	5.12886	0.01266	79.01855	15
16	0.19275	5.18819	0.01043	95.91907	16
17	0.19093	5.23763	0.00861	116.19967	17
18	0.18944	5.27884	0.00712	140.53635	18
19	0.18821	5.31318	0.00589	169.74032	19
20	0.18720	5.34179	0.00488	204.78503	20
21	0.18637	5.36564	0.00405	246.83861	21
22	0.18568	5.38551	0.00336	297.30284	22
23	0.18511	5.40207	0.00279	357.85981	23
24	0.18464	5.41586	0.00232	430.52807	24
25	0.18425	5.42736	0.00193	517.72984	25
26	0.18393	5.43695	0.00161	622.37180	26
27	0.18366	5.44493	0.00134	747.94196	27
28	0.18343	5.45159	0.00111	898.62592	28
29	0.18325	5.45713	0.00093	1079.44638	29
30	0.18309	5.46175	0.00077	1296.43060	30
31	0.18296	5.46561	0.00064	1556.81126	31
32	0.18285	5.46882	0.00053	1869.26757	32
33	0.18277	5.47149	0.00045	2244.21456	33
34	0.18269	5.47372	0.00037	2694.15024	34
35	0.18263	5.47558	0.00031	3234.07221	35
40	0.18244	5.48113	0.00012	8055.50705	40
45	0.18237	5.48336	0.00005	20052.68640	45
50	0.18234	5.48426	0.00002	49905.27535	50