

IV. Antylogarytmy dziesiętne (10^x)

x	0	δ	1	δ	2	δ	3	δ	4	δ
0,00	1,00000	231	1,00231	231	1,00462	231	1,00693	232	1,00925	233
0,01	1,02329	236	1,02565	237	1,02802	237	1,03039	237	1,03276	238
0,02	1,04713	241	1,04954	242	1,05196	243	1,05439	243	1,05682	243
0,03	1,07152	247	1,07399	248	1,07647	248	1,07895	248	1,08143	250
0,04	1,09648	253	1,09901	253	1,10154	254	1,10408	254	1,10662	255
0,05	1,12202	258	1,12460	260	1,12720	260	1,12980	260	1,13240	261
0,06	1,14815	265	1,15080	265	1,15345	266	1,15611	267	1,15878	267
0,07	1,17490	271	1,17761	271	1,18032	272	1,18304	273	1,18577	273
0,08	1,20226	278	1,20504	277	1,20781	279	1,21060	279	1,21339	280
0,09	1,23027	283	1,23310	285	1,23595	285	1,23880	285	1,24165	286
0,10	1,25893	290	1,26183	291	1,26474	291	1,26765	292	1,27057	293
0,11	1,28825	297	1,29122	298	1,29420	298	1,29718	299	1,30017	300
0,12	1,31826	304	1,32130	304	1,32434	305	1,32739	306	1,33045	307
0,13	1,34896	311	1,35207	312	1,35519	312	1,35831	313	1,36144	314
0,14	1,38038	319	1,38357	319	1,38676	319	1,38995	321	1,39316	321
0,15	1,41254	325	1,41579	327	1,41906	327	1,42233	328	1,42561	328
0,16	1,44544	333	1,44877	334	1,45211	335	1,45546	335	1,45881	337
0,17	1,47911	341	1,48252	342	1,48594	342	1,48936	343	1,49279	345
0,18	1,51356	349	1,51705	350	1,52055	350	1,52405	352	1,52757	352
0,19	1,54882	357	1,55239	358	1,55597	358	1,55955	360	1,56315	360
0,20	1,58489	366	1,58855	366	1,59221	367	1,59588	368	1,59956	369
0,21	1,62181	374	1,62555	375	1,62930	375	1,63305	377	1,63682	377
0,22	1,65959	382	1,66341	384	1,66725	384	1,67109	385	1,67494	386
0,23	1,69824	392	1,70216	392	1,70608	394	1,71002	394	1,71396	395
0,24	1,73780	401	1,74181	401	1,74582	403	1,74985	403	1,75388	404
0,25	1,77828	410	1,78238	411	1,78649	412	1,79061	412	1,79473	414
0,26	1,81970	420	1,82390	420	1,82810	421	1,83231	423	1,83654	423
0,27	1,86209	429	1,86638	430	1,87068	431	1,87499	433	1,87932	433
0,28	1,90546	439	1,90985	441	1,91426	441	1,91867	442	1,92309	443
0,29	1,94984	450	1,95434	450	1,95884	452	1,96336	453	1,96789	453
0,30	1,99526	460	1,99986	461	2,00447	462	2,00909	463	2,01372	465
0,31	2,04174	470	2,04644	472	2,05116	473	2,05589	474	2,06063	475
0,32	2,08930	481	2,09411	483	2,09894	484	2,10378	485	2,10863	486
0,33	2,13796	493	2,14289	494	2,14783	495	2,15278	496	2,15774	498
0,34	2,18776	504	2,19280	506	2,19786	507	2,20293	507	2,20800	509
0,35	2,23872	516	2,24388	517	2,24905	519	2,25424	520	2,25944	520
0,36	2,29087	528	2,29615	529	2,30144	531	2,30675	531	2,31206	533
0,37	2,34423	540	2,34963	542	2,35505	543	2,36048	544	2,36592	545
0,38	2,39883	553	2,40436	555	2,40991	555	2,41546	557	2,42103	558
0,39	2,45471	566	2,46037	567	2,46604	568	2,47172	570	2,47742	571
0,40	2,51189	579	2,51768	580	2,52348	582	2,52930	583	2,53513	584
0,41	2,57040	592	2,57632	594	2,58226	595	2,58821	597	2,59418	598
0,42	2,63027	606	2,63633	608	2,64241	609	2,64850	611	2,65461	612
0,43	2,69153	621	2,69774	622	2,70396	623	2,71019	625	2,71644	626
0,44	2,75423	635	2,76058	636	2,76694	638	2,77332	639	2,77971	641
0,45	2,81838	650	2,82488	651	2,83139	653	2,83792	654	2,84446	656
0,46	2,88403	665	2,89068	666	2,89734	668	2,90402	670	2,91072	671
0,47	2,95121	680	2,95801	682	2,96483	684	2,97167	685	2,97852	686
0,48	3,01995	696	3,02691	698	3,03389	700	3,04089	700	3,04789	703
0,49	3,09030	712	3,09742	714	3,10456	716	3,11172	717	3,11889	719

Błąd przybliżeń podanych na str. 46 i 47 jest nie większy niż 0,000005, a błąd przybliżenia otrzymanego przez interpolację liniową jest mniejszy niż 0,00000710 + błąd zaokrąglenia wyniku.

Przykład interpolacji na str. 48.

IV. Decimal antilogarithms (10^x)

5	δ	6	δ	7	δ	8	δ	9	δ	x
1,01158	233	1,01391	234	1,01625	234	1,01859	235	1,02094	235	0,00
1,03514	239	1,03753	239	1,03992	240	1,04232	240	1,04472	241	0,01
1,05925	245	1,06170	244	1,06414	246	1,06660	245	1,06905	247	0,02
1,08393	250	1,08643	250	1,08893	251	1,09144	252	1,09396	252	0,03
1,10917	256	1,11173	256	1,11429	257	1,11686	258	1,11944	258	0,04
1,13501	262	1,13763	262	1,14025	263	1,14288	263	1,14551	264	0,05
1,16145	268	1,16413	268	1,16681	269	1,16950	270	1,17220	270	0,06
1,18850	274	1,19124	275	1,19399	275	1,19674	276	1,19950	276	0,07
1,21619	280	1,21899	281	1,22180	282	1,22462	282	1,22744	283	0,08
1,24451	287	1,24738	288	1,25026	288	1,25314	289	1,25603	290	0,09
1,27350	294	1,27644	294	1,27938	295	1,28233	296	1,28529	296	0,10
1,30317	300	1,30617	301	1,30918	302	1,31220	302	1,31522	304	0,11
1,33352	308	1,33660	308	1,33968	308	1,34276	310	1,34586	310	0,12
1,36458	315	1,36773	315	1,37088	316	1,37404	317	1,37721	317	0,13
1,39637	322	1,39959	322	1,40281	324	1,40605	324	1,40929	325	0,14
1,42889	330	1,43219	330	1,43549	331	1,43880	332	1,44212	332	0,15
1,46218	337	1,46555	338	1,46893	338	1,47231	340	1,47571	340	0,16
1,49624	344	1,49968	346	1,50314	347	1,50661	347	1,51008	348	0,17
1,53109	353	1,53462	353	1,53815	355	1,54170	355	1,54525	357	0,18
1,56675	361	1,57036	362	1,57398	363	1,57761	364	1,58125	364	0,19
1,60325	369	1,60694	371	1,61065	371	1,61436	372	1,61808	373	0,20
1,64059	378	1,64437	379	1,64816	380	1,65196	381	1,65577	382	0,21
1,67880	387	1,68267	388	1,68655	389	1,69044	390	1,69434	390	0,22
1,71791	396	1,72187	397	1,72584	398	1,72982	398	1,73380	400	0,23
1,75792	406	1,76198	406	1,76604	407	1,77011	408	1,77419	409	0,24
1,79887	415	1,80302	415	1,80717	417	1,81134	418	1,81552	418	0,25
1,84077	425	1,84502	425	1,84927	426	1,85353	427	1,85780	429	0,26
1,88365	434	1,88799	435	1,89234	437	1,89671	437	1,90108	438	0,27
1,92752	445	1,93197	445	1,93642	447	1,94089	447	1,94536	448	0,28
1,97242	455	1,97697	456	1,98153	456	1,98609	458	1,99067	459	0,29
2,01837	465	2,02302	466	2,02768	468	2,03236	468	2,03704	470	0,30
2,06538	476	2,07014	477	2,07491	479	2,07970	479	2,08449	481	0,31
2,11349	487	2,11836	488	2,12324	490	2,12814	490	2,13304	492	0,32
2,16272	498	2,16770	500	2,17270	501	2,17771	502	2,18273	503	0,33
2,21309	511	2,21820	511	2,22331	513	2,22844	513	2,23357	515	0,34
2,26464	522	2,26986	524	2,27510	524	2,28034	526	2,28560	527	0,35
2,31739	535	2,32274	535	2,32809	537	2,33346	538	2,33884	539	0,36
2,37137	547	2,37684	548	2,38232	549	2,38781	551	2,39332	551	0,37
2,42661	559	2,43220	561	2,43781	562	2,44343	563	2,44906	565	0,38
2,48313	573	2,48886	573	2,49459	576	2,50035	576	2,50611	578	0,39
2,54097	586	2,54683	587	2,55270	589	2,55859	589	2,56448	592	0,40
2,60016	599	2,60615	601	2,61216	602	2,61818	604	2,62422	605	0,41
2,66073	613	2,66686	615	2,67301	616	2,67917	617	2,68534	619	0,42
2,72270	628	2,72898	629	2,73527	630	2,74157	632	2,74789	634	0,43
2,78612	642	2,79254	644	2,79898	645	2,80543	647	2,81190	648	0,44
2,85102	657	2,85759	659	2,86418	660	2,87078	662	2,87740	663	0,45
2,91743	672	2,92415	674	2,93089	676	2,93765	677	2,94442	679	0,46
2,98538	688	2,99226	690	2,99916	692	3,00608	693	3,01301	694	0,47
3,05492	704	3,06196	706	3,06902	708	3,07610	709	3,08319	711	0,48
3,12608	721	3,13329	722	3,14051	724	3,14775	725	3,15500	728	0,49

10^x

The error of the approximations given on pp. 46 and 47 is not greater than 0,000005 and the error of an approximation obtained by linear interpolation is less than 0,00000710 + the error of rounding off the result.

An example of interpolation is given on p. 49.

IV. Antylogarytmy dziesiętne (10^x)

x	0	δ	1	δ	2	δ	3	δ	4	δ
0,50	3,16228	729	3,16957	730	3,17687	733	3,18420	734	3,19154	736
0,51	3,23594	746	3,24340	747	3,25087	750	3,25837	751	3,26588	753
0,52	3,31131	763	3,31894	766	3,32660	766	3,33426	769	3,34195	770
0,53	3,38844	781	3,39625	783	3,40408	785	3,41193	786	3,41979	789
0,54	3,46737	799	3,47536	801	3,48337	803	3,49140	805	3,49945	807
0,55	3,54813	818	3,55631	820	3,56451	822	3,57273	823	3,58096	826
0,56	3,63078	837	3,63915	839	3,64754	841	3,65595	843	3,66438	844
0,57	3,71535	857	3,72392	858	3,73250	861	3,74111	862	3,74973	864
0,58	3,80189	877	3,81066	878	3,81944	881	3,82825	882	3,83707	885
0,59	3,89045	897	3,89942	899	3,90841	901	3,91742	903	3,92645	905
0,60	3,98107	918	3,99025	920	3,99945	922	4,00867	924	4,01791	926
0,61	4,07380	939	4,08319	942	4,09261	943	4,10204	946	4,11150	948
0,620	4,16869	096	4,16965	096	4,17061	096	4,17157	097	4,17254	096
0,621	4,17830	097	4,17927	096	4,18023	096	4,18119	096	4,18215	097
0,622	4,18794	096	4,18890	096	4,18986	097	4,19083	096	4,19179	097
0,623	4,19759	097	4,19856	096	4,19952	097	4,20049	097	4,20146	097
0,624	4,20727	097	4,20824	096	4,20920	097	4,21017	097	4,21114	097
0,625	4,21697	097	4,21794	097	4,21891	097	4,21988	097	4,22085	097
0,626	4,22669	097	4,22766	097	4,22863	098	4,22961	097	4,23058	098
0,627	4,23643	098	4,23741	097	4,23838	098	4,23936	097	4,24033	098
0,628	4,24620	097	4,24717	098	4,24815	098	4,24913	098	4,25011	098
0,629	4,25598	098	4,25696	098	4,25794	099	4,25893	098	4,25991	098
0,630	4,26580	098	4,26678	098	4,26776	098	4,26874	099	4,26973	098
0,631	4,27563	098	4,27661	099	4,27760	098	4,27858	099	4,27957	098
0,632	4,28549	098	4,28647	099	4,28746	099	4,28845	098	4,28943	099
0,633	4,29536	099	4,29635	099	4,29734	099	4,29833	099	4,29932	099
0,634	4,30527	099	4,30626	099	4,30725	099	4,30824	099	4,30923	100
0,635	4,31519	099	4,31618	100	4,31718	099	4,31817	100	4,31917	099
0,636	4,32514	099	4,32613	100	4,32713	100	4,32813	099	4,32912	100
0,637	4,33511	100	4,33611	100	4,33711	099	4,33810	100	4,33910	100
0,638	4,34510	100	4,34610	100	4,34710	100	4,34810	101	4,34911	100
0,639	4,35512	100	4,35612	100	4,35712	101	4,35813	100	4,35913	101
0,640	4,36516	100	4,36616	101	4,36717	100	4,36817	101	4,36918	101
0,641	4,37522	101	4,37623	101	4,37724	100	4,37824	101	4,37925	101
0,642	4,38531	101	4,38632	101	4,38733	101	4,38834	101	4,38935	101
0,643	4,39542	101	4,39643	101	4,39744	101	4,39845	102	4,39947	101
0,644	4,40555	101	4,40656	102	4,40758	101	4,40859	102	4,40961	101
0,645	4,41570	102	4,41672	102	4,41774	102	4,41876	101	4,41977	102
0,646	4,42588	102	4,42690	102	4,42792	102	4,42894	102	4,42996	102
0,647	4,43609	102	4,43711	102	4,43813	102	4,43915	102	4,44017	103
0,648	4,44631	103	4,44734	102	4,44836	103	4,44939	102	4,45041	102
0,649	4,45656	103	4,45759	103	4,45862	102	4,45964	103	4,46067	103

Błąd przybliżeń podanych na str. 48 i 49 jest nie większy niż 0,000005. Błąd przybliżenia otrzymanego przez interpolację liniową jest mniejszy niż $0,00000777 + \text{błąd zaokrąglenia wyniku dla } 0,500 < x < 0,620$, a mniejszy niż $0,00000503 + \text{błąd zaokrąglenia wyniku dla } 0,6200 < x < 0,6500$.

Przykład. Należy obliczyć liczbę M , gdy wiadomo, że $\log_{10} M = 2,53812$. W tym celu obliczamy za pomocą tablic taką liczbę N , że $\log_{10} N = 0,53812$. W tablicy odczytujemy dla $x = 0,538$ antylogarytm 3,45144 i różnicę $\delta = 795$. W tablicy poprawek odczytujemy dla $\delta = 795$ i cyfr 1, 2 liczby 79,5 i 159,0. Zatem $N \approx 3,45144 + 0,000795 + 0,000159 = 3,452394$ z dokładnością do 0,00000777. Stąd $M = N \cdot 10^2 \approx 345,2394$ z dokładnością do 0,00078 i $M \approx 345,239$ z dokładnością do 0,0012. (Poprawkę do antylogarytmu liczby 0,538 można również obliczyć mnożąc $0,12 \cdot \delta = 0,12 \cdot 795 = 95,4$. Mamy wtedy $N \approx 3,45144 + 0,000954 = 3,452394$, jak poprzednio).

IV. Decimal antilogarithms (10^x)

5	δ	6	δ	7	δ	8	δ	9	δ	x
3,19890	737	3,20627	739	3,21366	741	3,22107	742	3,22849	745	0,50
3,27341	754	3,28095	757	3,28852	758	3,29610	760	3,30370	761	0,51
3,34965	773	3,35738	774	3,36512	775	3,37287	778	3,38065	779	0,52
3,42768	790	3,43558	792	3,44350	794	3,45144	795	3,45939	798	0,53
3,50752	808	3,51560	811	3,52371	812	3,53183	814	3,53997	816	0,54
3,58922	827	3,59749	830	3,60579	831	3,61410	833	3,62243	835	0,55
3,67282	847	3,68129	849	3,68978	850	3,69828	853	3,70681	854	0,56
3,75837	867	3,76704	868	3,77572	871	3,78443	872	3,79315	874	0,57
3,84592	886	3,85478	889	3,86367	891	3,87258	892	3,88150	895	0,58
3,93550	907	3,94457	910	3,95367	911	3,96278	914	3,97192	915	0,59
4,02717	928	4,03645	931	4,04576	933	4,05509	934	4,06443	937	0,60
4,12098	950	4,13048	952	4,14000	954	4,14954	957	4,15911	958	0,61
4,17350	096	4,17446	096	4,17542	096	4,17638	096	4,17734	096	0,620
4,18312	096	4,18408	096	4,18504	097	4,18601	096	4,18697	097	0,621
4,19276	097	4,19373	096	4,19469	097	4,19566	096	4,19662	097	0,622
4,20243	096	4,20339	097	4,20436	097	4,20533	097	4,20630	097	0,623
4,21211	097	4,21308	097	4,21405	097	4,21502	097	4,21599	098	0,624
4,22182	098	4,22280	097	4,22377	097	4,22474	097	4,22571	098	0,625
4,23156	097	4,23253	097	4,23350	098	4,23448	097	4,23545	098	0,626
4,24131	098	4,24229	097	4,24326	098	4,24424	098	4,24522	098	0,627
4,25109	098	4,25207	098	4,25305	097	4,25402	098	4,25500	098	0,628
4,26089	098	4,26187	098	4,26285	098	4,26383	098	4,26481	099	0,629
4,27071	098	4,27169	099	4,27268	098	4,27366	098	4,27464	099	0,630
4,28055	099	4,28154	099	4,28253	098	4,28351	099	4,28450	099	0,631
4,29042	099	4,29141	099	4,29240	099	4,29339	099	4,29438	098	0,632
4,30031	099	4,30130	099	4,30229	099	4,30328	099	4,30427	100	0,633
4,31023	099	4,31122	099	4,31221	099	4,31320	100	4,31420	099	0,634
4,32016	100	4,32116	099	4,32215	100	4,32315	099	4,32414	100	0,635
4,33012	100	4,33112	100	4,33212	099	4,33311	100	4,33411	100	0,636
4,34010	100	4,34110	100	4,34210	100	4,34310	100	4,34410	100	0,637
4,35011	100	4,35111	100	4,35211	100	4,35311	101	4,35412	100	0,638
4,36014	100	4,36114	100	4,36214	101	4,36315	100	4,36415	101	0,639
4,37019	100	4,37119	101	4,37220	101	4,37321	100	4,37421	101	0,640
4,38026	101	4,38127	101	4,38228	101	4,38329	101	4,38430	101	0,641
4,39036	101	4,39137	101	4,39238	101	4,39339	101	4,39440	102	0,642
4,40048	101	4,40149	102	4,40251	101	4,40352	101	4,40453	102	0,643
4,41062	102	4,41164	102	4,41266	101	4,41367	102	4,41469	101	0,644
4,42079	102	4,42181	102	4,42283	102	4,42385	101	4,42486	102	0,645
4,43098	102	4,43200	102	4,43302	102	4,43404	103	4,43507	102	0,646
4,44120	102	4,44222	102	4,44324	103	4,44427	102	4,44529	102	0,647
4,45143	103	4,45246	103	4,45349	102	4,45451	103	4,45554	102	0,648
4,46170	102	4,46272	103	4,46375	103	4,46478	103	4,46581	103	0,649

The error of the approximations given on pp. 48 and 49 is not greater than 0,000005. The error of an approximation obtained by linear interpolation is less than $0,00000777 +$ the error of rounding off the result for $0,500 < x < 0,620$ and less than $0,00000503 +$ the error of rounding off the result for $0,6200 < x < 0,6500$.

Example. Find number M given $\log_{10} M = 2,53812$. For this purpose we find by means of the tables such a number N that $\log_{10} N = 0,53812$. We find in the table for $x = 0,538$ the antilogarithm 3,45144 and the difference $\delta = 795$. In the table of proportional parts we find for $\delta = 795$ and the figures 1, 2 the numbers 79,5 and 159,0. Consequently $N \approx 3,45144 + 0,000795 + 0,000159 = 3,452394$ with error less than 0,00000777. Hence $M = N \cdot 10^2 \approx 345,2394$ with error less than 0,00078 and $M \approx 345,239$ with error less than 0,0012. (The correction for the antilogarithm of numer 0,538 can also be found by multiplying $0,12 \cdot \delta = 0,12 \cdot 795 = 95,4$. We then have $N \approx 3,45144 + 0,000954 = 3,452394$ as before).

IV. Antylogarytmy dziesiętne (10^x)

x	0	δ	1	δ	2	δ	3	δ	4	δ
0,650	4,46684	102	4,46786	103	4,46889	103	4,46992	103	4,47095	103
0,651	4,47713	103	4,47816	104	4,47920	103	4,48023	103	4,48126	103
0,652	4,48745	104	4,48849	103	4,48952	103	4,49055	104	4,49159	103
0,653	4,49780	103	4,49883	104	4,49987	104	4,50091	103	4,50194	104
0,654	4,50817	104	4,50921	103	4,51024	104	4,51128	104	4,51232	104
0,655	4,51856	104	4,51960	104	4,52064	104	4,52168	104	4,52272	104
0,656	4,52898	104	4,53002	104	4,53106	105	4,53211	104	4,53315	104
0,657	4,53942	104	4,54046	105	4,54151	104	4,54255	105	4,54360	105
0,658	4,54988	105	4,55093	105	4,55198	104	4,55302	105	4,55407	105
0,659	4,56037	105	4,56142	105	4,56247	105	4,56352	105	4,56457	105
0,660	4,57088	105	4,57193	106	4,57299	105	4,57404	105	4,57509	106
0,661	4,58142	105	4,58247	106	4,58353	105	4,58458	106	4,58564	106
0,662	4,59198	106	4,59304	106	4,59410	105	4,59515	106	4,59621	106
0,663	4,60257	106	4,60363	106	4,60469	106	4,60575	106	4,60681	106
0,664	4,61318	106	4,61424	106	4,61530	106	4,61636	107	4,61743	106
0,665	4,62381	107	4,62488	106	4,61594	107	4,62701	106	4,62807	107
0,666	4,63447	107	4,63554	106	4,63660	107	4,63767	107	4,63874	107
0,667	4,64515	107	4,64622	107	4,64729	107	4,64836	107	4,64943	107
0,668	4,65586	107	4,65693	108	4,65801	107	4,65908	107	4,66015	107
0,669	4,66659	108	4,66767	107	4,66874	108	4,66982	107	4,67089	108
0,670	4,67735	108	4,67843	108	4,67951	107	4,68058	108	4,68166	108
0,671	4,68813	108	4,68921	108	4,69029	108	4,69137	108	4,69245	108
0,672	4,69894	108	4,70002	109	4,70111	108	4,70219	108	4,70327	108
0,673	4,70977	109	4,71086	108	4,71194	109	4,71303	108	4,71411	109
0,674	4,72063	109	4,72172	108	4,72280	109	4,72389	109	4,72498	109
0,675	4,73151	109	4,73260	109	4,73369	109	4,73478	109	4,73587	109
0,676	4,74242	109	4,74351	109	4,74460	110	4,74570	109	4,74679	109
0,677	4,75335	110	4,75445	109	4,75554	110	4,75664	109	4,75773	110
0,678	4,76431	110	4,76541	109	4,76650	110	4,76760	110	4,76870	110
0,679	4,77529	110	4,77639	110	4,77749	110	4,77859	110	4,77969	110
0,680	4,78630	110	4,78740	111	4,78851	110	4,78961	110	4,79071	110
0,681	4,79733	111	4,79844	110	4,79954	111	4,80065	111	4,80176	110
0,682	4,80839	111	4,80950	111	4,81061	111	4,81172	110	4,81282	111
0,683	4,81948	111	4,82059	111	4,82170	111	4,82281	111	4,82392	111
0,684	4,83059	111	4,83170	111	4,83281	112	4,83393	111	4,83504	111
0,685	4,84172	112	4,84284	111	4,84395	112	4,84507	112	4,84619	111
0,686	4,85289	111	4,85400	112	4,85512	112	4,85624	112	4,85736	112
0,687	4,86407	112	4,86519	112	4,86631	112	4,86743	112	4,86855	113
0,688	4,87528	113	4,87641	112	4,87753	112	4,87865	113	4,87978	112
0,689	4,88652	113	4,88765	112	4,88877	113	4,88990	113	4,89103	112
0,690	4,89779	113	4,89892	112	4,90004	113	4,90117	113	4,90230	113
0,691	4,90908	113	4,91021	113	4,91134	113	4,91247	113	4,91360	113
0,692	4,92040	113	4,92153	113	4,92266	114	4,92380	113	4,92493	113
0,693	4,93174	113	4,93287	114	4,93401	114	4,93515	113	4,93628	114
0,694	4,94311	114	4,94425	113	4,94538	114	4,94652	114	4,94766	114
0,695	4,95450	114	4,95564	114	4,95678	115	4,95793	114	4,95907	114
0,696	4,96592	115	4,96707	114	4,96821	114	4,96935	115	4,97050	114
0,697	4,97737	115	4,97852	114	4,97966	115	4,98081	115	4,98196	114
0,698	4,98884	115	4,98999	115	4,99114	115	4,99229	115	4,99344	115
0,699	5,00035	115	5,00150	115	5,00265	115	5,00380	115	5,00495	116

Błąd przybliżeń podanych na str. 50 i 51 jest nie większy niż 0,000005, a błąd przybliżenia otrzymanego przez interpolację liniową jest mniejszy niż 0,00000504 + błąd zaokrąglenia wyniku.

Przykład interpolacji na str. 48.

IV. Decimal antilogarithms (10^x)

5	δ	6	δ	7	δ	8	δ	9	δ	x
4,47198	103	4,47301	103	4,47404	103	4,47507	103	4,47610	103	0,650
4,48229	103	4,48332	104	4,48436	103	4,48539	103	4,48642	103	0,651
4,49262	104	4,49366	103	4,49469	104	4,49573	103	4,49676	104	0,652
4,50298	104	4,50402	103	4,50505	104	4,50609	104	4,50713	104	0,653
4,51336	104	4,51440	104	4,51544	104	4,51648	104	4,51752	104	0,654
4,52376	105	4,52481	104	4,52585	104	4,52689	104	4,52793	105	0,655
4,53419	105	4,53524	104	4,53628	105	4,53733	104	4,53837	105	0,656
4,54465	104	4,54569	105	4,54674	105	4,54779	104	4,54883	105	0,657
4,55512	105	4,55617	105	4,55722	105	4,55827	105	4,55932	105	0,658
4,56562	105	4,56667	106	4,56773	105	4,56878	105	4,56983	105	0,659
4,57615	105	4,57720	106	4,57826	105	4,57931	105	4,58036	106	0,660
4,58670	105	4,58775	106	4,58881	106	4,58987	105	4,59092	106	0,661
4,59727	106	4,59833	106	4,59939	106	4,60045	106	4,60151	106	0,662
4,60787	106	4,60893	106	4,60999	106	4,61105	106	4,61211	107	0,663
4,61849	106	4,61955	107	4,62062	106	4,62168	107	4,62275	106	0,664
4,62914	106	4,63020	107	4,63127	107	4,63234	106	4,63340	107	0,665
4,63981	107	4,64088	107	4,64195	106	4,64301	107	4,64408	107	0,666
4,65050	107	4,65157	108	4,65265	107	4,65372	107	4,65479	107	0,667
4,66122	108	4,66230	107	4,66337	108	4,66445	107	4,66552	107	0,668
4,67197	108	4,67305	107	4,67412	108	4,67520	107	4,67627	108	0,669
4,68274	108	4,68382	108	4,68490	108	4,68598	107	4,68705	108	0,670
4,69353	109	4,69462	108	4,69570	108	4,69678	108	4,69786	108	0,671
4,70435	109	4,70544	108	4,70652	108	4,70760	109	4,70869	108	0,672
4,71520	108	4,71628	109	4,71737	109	4,71846	108	4,71954	109	0,673
4,72607	109	4,72716	109	4,72825	108	4,72933	109	4,73042	109	0,674
4,73696	109	4,73805	110	4,73915	109	4,74024	109	4,74133	109	0,675
4,74788	110	4,74898	109	4,75007	109	4,75116	110	4,75226	109	0,676
4,75883	109	4,75992	110	4,76102	110	4,76212	109	4,76321	110	0,677
4,76980	110	4,77090	110	4,77200	109	4,77309	110	4,77419	110	0,678
4,78079	110	4,78189	111	4,78300	110	4,78410	110	4,78520	110	0,679
4,79181	111	4,79292	110	4,79402	111	4,79513	110	4,79623	110	0,680
4,80286	111	4,80397	110	4,80507	111	4,80618	111	4,80729	110	0,681
4,81393	111	4,81504	111	4,81615	111	4,81726	111	4,81837	111	0,682
4,82503	111	4,82614	111	4,82725	111	4,82836	112	4,82948	111	0,683
4,83615	112	4,83727	111	4,83838	111	4,83949	112	4,84061	111	0,684
4,84730	112	4,84842	111	4,84953	112	4,85065	112	4,85177	112	0,685
4,85848	111	4,85959	112	4,86071	112	4,86183	112	4,86295	112	0,686
4,86968	112	4,87080	112	4,87192	112	4,87304	112	4,87416	112	0,687
4,88090	113	4,88203	112	4,88315	112	4,88427	113	4,88540	112	0,688
4,89215	113	4,89328	113	4,89441	112	4,89553	113	4,89666	113	0,689
4,90343	113	4,90456	113	4,90569	113	4,90682	113	4,90795	113	0,690
4,91473	114	4,91587	113	4,91700	113	4,91813	113	4,91926	114	0,691
4,92606	114	4,92720	113	4,92833	114	4,92947	113	4,93060	114	0,692
4,93742	114	4,93856	113	4,93969	114	4,94083	114	4,94197	114	0,693
4,94880	114	4,94994	114	4,95108	114	4,95222	114	4,95336	114	0,694
4,96021	114	4,96135	114	4,96249	115	4,96364	114	4,96478	114	0,695
4,97164	115	4,97279	114	4,97393	115	4,97508	114	4,97622	115	0,696
4,98310	115	4,98425	115	4,98540	115	4,98655	115	4,98770	114	0,697
4,99459	115	4,99574	115	4,99689	115	4,99804	115	4,99919	116	0,698
5,00611	115	5,00726	115	5,00841	115	5,00956	116	5,01072	115	0,699

10^x

The error of the approximations given on pp. 50 and 51 is not greater than 0,000005 and the error of an approximation obtained by linear interpolation is less than 0,00000504 + the error of rounding off the result.

An example of interpolation is given on p. 49.

IV. Antylogarytmy dziesiętne (10^{*})

x	0	δ	1	δ	2	δ	3	δ	4	δ
0,700	5,01187	116	5,01303	115	5,01418	116	5,01534	115	5,01649	116
0,701	5,02343	115	5,02458	116	5,02574	116	5,02690	115	5,02805	116
0,702	5,03501	116	5,03617	116	5,03733	116	5,03849	116	5,03965	116
0,703	5,04661	117	5,04778	116	5,04894	116	5,05010	116	5,05126	117
0,704	5,05825	116	5,05941	117	5,06058	116	5,06174	117	5,06291	116
0,705	5,06991	116	5,07107	117	5,07224	117	5,07341	117	5,07458	117
0,706	5,08159	117	5,08276	118	5,08394	117	5,08511	117	5,08628	117
0,707	5,09331	117	5,09448	117	5,09565	118	5,09683	117	5,09800	118
0,708	5,10505	118	5,10623	117	5,10740	118	5,10858	117	5,10975	118
0,709	5,11682	118	5,11800	118	5,11918	117	5,12035	118	5,12153	118
0,710	5,12861	118	5,12979	119	5,13098	118	5,13216	118	5,13334	118
0,711	5,14044	118	5,14162	118	5,14280	119	5,14399	118	5,14517	119
0,712	5,15229	118	5,15347	119	5,15466	119	5,15585	118	5,15703	119
0,713	5,16416	119	5,16535	119	5,16654	119	5,16773	119	5,16892	119
0,714	5,17607	119	5,17726	119	5,17845	120	5,17965	119	5,18084	119
0,715	5,18800	120	5,18920	119	5,19039	120	5,19159	119	5,19278	120
0,716	5,19996	120	5,20116	120	5,20236	119	5,20355	120	5,20475	120
0,717	5,21195	120	5,21315	120	5,21435	120	5,21555	120	5,21675	120
0,718	5,22396	120	5,22516	120	5,22637	120	5,22757	121	5,22878	120
0,719	5,23600	121	5,23721	121	5,23842	120	5,23962	121	5,24083	121
0,720	5,24807	121	5,24928	121	5,25049	121	5,25170	121	5,25291	121
0,721	5,26017	121	5,26138	122	5,26260	121	5,26381	121	5,26502	121
0,722	5,27230	121	5,27351	122	5,27473	121	5,27594	122	5,27716	121
0,723	5,28445	122	5,28567	122	5,28689	121	5,28810	122	5,28932	122
0,724	5,29663	122	5,29785	122	5,29907	122	5,30029	123	5,30152	122
0,725	5,30884	123	5,31007	122	5,31129	122	5,31251	123	5,31374	122
0,726	5,32108	123	5,32231	122	5,32353	123	5,32476	123	5,32599	122
0,727	5,33335	123	5,33458	123	5,33581	122	5,33703	123	5,33826	123
0,728	5,34564	123	5,34687	124	5,34811	123	5,34934	123	5,35057	123
0,729	5,35797	123	5,35920	123	5,36043	124	5,36167	123	5,36290	124
0,730	5,37032	123	5,37155	124	5,37279	124	5,37403	124	5,37527	123
0,731	5,38270	124	5,38394	124	5,38518	124	5,38642	124	5,38766	124
0,732	5,39511	124	5,39635	124	5,39759	124	5,39883	125	5,40008	124
0,733	5,40754	125	5,40879	124	5,41003	125	5,41128	125	5,41253	124
0,734	5,42001	125	5,42126	125	5,42251	124	5,42375	125	5,42500	125
0,735	5,43250	125	5,43375	126	5,43501	125	5,43626	125	5,43751	125
0,736	5,44503	125	5,44628	125	5,44753	126	5,44879	125	5,45004	126
0,737	5,45758	126	5,45884	125	5,46009	126	5,46135	126	5,46261	126
0,738	5,47016	126	5,47142	126	5,47268	126	5,47394	126	5,47520	126
0,739	5,48277	126	5,48403	127	5,48530	126	5,48656	126	5,48782	127
0,740	5,49541	126	5,49667	127	5,49794	127	5,49921	126	5,50047	127
0,741	5,50808	127	5,50935	126	5,51061	127	5,51188	127	5,51315	127
0,742	5,52077	128	5,52205	127	5,52332	127	5,52459	127	5,52586	127
0,743	5,53350	128	5,53478	127	5,53605	127	5,53732	128	5,53860	128
0,744	5,54626	127	5,54753	128	5,54881	128	5,55009	128	5,55137	128
0,745	5,55904	128	5,56032	128	5,56160	128	5,56288	128	5,56416	129
0,746	5,57186	128	5,57314	128	5,57442	129	5,57571	128	5,57699	129
0,747	5,58470	129	5,58599	128	5,58727	129	5,58856	129	5,58985	129
0,748	5,59758	129	5,59887	128	5,60015	129	5,60144	129	5,60273	129
0,749	5,61048	129	5,61177	129	5,61306	130	5,61436	129	5,61565	129

Błąd przybliżeń podanych na str. 52 i 53 jest nie większy niż 0,000005, a błąd przybliżenia otrzymanego przez interpolację liniową jest mniejszy niż 0,00000504 + błąd zaokrąglenia wyniku.

Przykład interpolacji na str. 48.

IV. Decimal antilogarithms (10^x)

5	δ	6	δ	7	δ	8	δ	9	δ	x
5,01765	115	5,01880	116	5,01996	115	5,02111	116	5,02227	116	0,700
5,02921	116	5,03037	116	5,03153	116	5,03269	116	5,03385	116	0,701
5,04081	116	5,04197	116	5,04313	116	5,04429	116	5,04545	116	0,702
5,05243	116	5,05359	116	5,05475	117	5,05592	116	5,05708	117	0,703
5,06407	117	5,06524	117	5,06641	116	5,06757	117	5,06874	117	0,704
5,07575	117	5,07692	117	5,07809	116	5,07925	117	5,08042	117	0,705
5,08745	117	5,08862	117	5,08979	117	5,09096	118	5,09214	117	0,706
5,09918	117	5,10035	117	5,10152	118	5,10270	117	5,10387	118	0,707
5,11093	118	5,11211	118	5,11329	117	5,11446	118	5,11564	118	0,708
5,12271	118	5,12389	118	5,12507	118	5,12625	118	5,12743	118	0,709
5,13452	118	5,13570	119	5,13689	118	5,13807	118	5,13925	119	0,710
5,14636	118	5,14754	119	5,14873	118	5,14991	119	5,15110	119	0,711
5,15822	119	5,15941	119	5,16060	119	5,16179	118	5,16297	119	0,712
5,17011	119	5,17130	119	5,17249	120	5,17369	119	5,17488	119	0,713
5,18203	119	5,18322	120	5,18442	119	5,18561	120	5,18681	119	0,714
5,19398	119	5,19517	120	5,19637	120	5,19757	119	5,19876	120	0,715
5,20595	120	5,20715	120	5,20835	120	5,20955	120	5,21075	120	0,716
5,21795	120	5,21915	120	5,22035	121	5,22156	120	5,22276	120	0,717
5,22998	120	5,23118	121	5,23239	120	5,23359	121	5,23480	120	0,718
5,24204	120	5,24324	121	5,24445	121	5,24566	121	5,24687	120	0,719
5,25412	121	5,25533	121	5,25654	121	5,25775	121	5,25896	121	0,720
5,26623	121	5,26744	122	5,26866	121	5,26987	121	5,27108	122	0,721
5,27837	122	5,27959	121	5,28080	122	5,28202	122	5,28324	121	0,722
5,29054	122	5,29176	122	5,29298	122	5,29420	121	5,29541	122	0,723
5,30274	122	5,30396	122	5,30518	122	5,30640	122	5,30762	122	0,724
5,31496	122	5,31618	123	5,31741	122	5,31863	123	5,31986	122	0,725
5,32721	123	5,32844	123	5,32967	122	5,33089	123	5,33212	123	0,726
5,33949	123	5,34072	123	5,34195	123	5,34318	123	5,34441	123	0,727
5,35180	123	5,35303	124	5,35427	123	5,35550	123	5,35673	124	0,728
5,36414	123	5,36537	124	5,36661	124	5,36785	123	5,36908	124	0,729
5,37650	124	5,37774	124	5,37898	124	5,38022	124	5,38146	124	0,730
5,38890	124	5,39014	124	5,39138	124	5,39262	124	5,39386	125	0,731
5,40132	124	5,40256	125	5,40381	124	5,40505	125	5,40630	124	0,732
5,41377	125	5,41502	125	5,41627	124	5,41751	125	5,41876	125	0,733
5,42625	125	5,42750	125	5,42875	125	5,43000	125	5,43125	125	0,734
5,43876	125	5,44001	126	5,44127	125	5,44252	125	5,44377	126	0,735
5,45130	125	5,45255	126	5,45381	126	5,45507	125	5,45632	126	0,736
5,46387	125	5,46512	126	5,46638	126	5,46764	126	5,46890	126	0,737
5,47646	126	5,47772	126	5,47898	127	5,48025	126	5,48151	126	0,738
5,48909	126	5,49035	126	5,49161	127	5,49288	126	5,49414	127	0,739
5,50174	127	5,50301	126	5,50427	127	5,50554	127	5,50681	127	0,740
5,51442	127	5,51569	127	5,51696	127	5,51823	127	5,51950	127	0,741
5,52713	128	5,52841	127	5,52968	127	5,53095	128	5,53223	127	0,742
5,53988	127	5,54115	128	5,54243	127	5,54370	128	5,54498	128	0,743
5,55265	127	5,55392	128	5,55520	128	5,55648	128	5,55776	128	0,744
5,56545	128	5,56673	128	5,56801	128	5,56929	128	5,57057	129	0,745
5,57828	128	5,57956	129	5,58085	128	5,58213	129	5,58342	128	0,746
5,59114	128	5,59242	129	5,59371	129	5,59500	129	5,59629	129	0,747
5,60402	129	5,60531	130	5,60661	129	5,60790	129	5,60919	129	0,748
5,61694	130	5,61824	129	5,61953	129	5,62082	130	5,62212	129	0,749

10^x

The error of the approximations given on pp. 52 and 53 is not greater than 0,000005 and the error of an approximation obtained by linear interpolation is less than 0,00000504 + the error of rounding off the result.

An example of interpolation is given on p. 49.

IV. Antylogarytmy dziesiętne (10^x)

x	0	δ	1	δ	2	δ	3	δ	4	δ
0,750	5,62341	130	5,62471	129	5,62600	130	5,62730	129	5,62859	130
0,751	5,63638	129	5,63767	130	5,63897	130	5,64027	130	5,64157	130
0,752	5,64937	130	5,65067	130	5,65197	130	5,65327	131	5,65458	130
0,753	5,66239	131	5,66370	130	5,66500	131	5,66631	130	5,66761	131
0,754	5,67545	130	5,67675	131	5,67806	131	5,67937	131	5,68068	130
0,755	5,68853	131	5,68984	131	5,69115	131	5,69246	131	5,69377	131
0,756	5,70164	132	5,70296	131	5,70427	131	5,70558	132	5,70690	131
0,757	5,71479	131	5,71610	132	5,71742	132	5,71874	131	5,72005	132
0,758	5,72796	132	5,72928	132	5,73060	132	5,73192	132	5,73324	132
0,759	5,74116	133	5,74249	132	5,74381	132	5,74513	132	5,74645	133
0,760	5,75440	132	5,75572	133	5,75705	133	5,75838	132	5,75970	133
0,761	5,76766	133	5,76899	133	5,77032	133	5,77165	133	5,77298	133
0,762	5,78096	133	5,78229	133	5,78362	134	5,78496	133	5,78629	133
0,763	5,79429	133	5,79562	134	5,79696	133	5,79829	134	5,79963	133
0,764	5,80764	134	5,80898	134	5,81032	134	5,81166	134	5,81300	133
0,765	5,82103	134	5,82237	134	5,82371	134	5,82505	135	5,82640	134
0,766	5,83445	134	5,83579	135	5,83714	134	5,83848	135	5,83983	134
0,767	5,84790	135	5,84925	134	5,85059	135	5,85194	135	5,85329	135
0,768	5,86138	135	5,86273	135	5,86408	135	5,86543	135	5,86678	135
0,769	5,87489	136	5,87625	135	5,87760	135	5,87895	136	5,88031	135
0,770	5,88844	135	5,88979	136	5,89115	136	5,89251	135	5,89386	136
0,771	5,90201	136	5,90337	136	5,90473	136	5,90609	136	5,90745	136
0,772	5,91562	136	5,91698	136	5,91834	136	5,91970	137	5,92107	136
0,773	5,92925	137	5,93062	136	5,93198	137	5,93335	136	5,93472	136
0,774	5,94292	137	5,94429	137	5,94566	137	5,94703	137	5,94840	137
0,775	5,95662	137	5,95799	138	5,95937	137	5,96074	137	5,96211	137
0,776	5,97035	138	5,97173	137	5,97310	138	5,97448	137	5,97585	138
0,777	5,98412	137	5,98549	138	5,98687	138	5,98825	138	5,98963	138
0,778	5,99791	138	5,99929	138	6,00067	139	6,00206	138	6,00344	138
0,779	6,01174	138	6,01312	139	6,01451	138	6,01589	139	6,01728	138
0,780	6,02560	138	6,02698	139	6,02837	139	6,02976	139	6,03115	139
0,781	6,03949	139	6,04088	139	6,04227	139	6,04366	139	6,04505	139
0,782	6,05341	139	6,05480	140	6,05620	139	6,05759	140	6,05899	139
0,783	6,06736	140	6,06876	140	6,07016	140	6,07156	139	6,07295	140
0,784	6,08135	140	6,08275	140	6,08415	140	6,08555	140	6,08695	141
0,785	6,09537	140	6,09677	141	6,09818	140	6,09958	141	6,10099	140
0,786	6,10942	141	6,11083	140	6,11223	141	6,11364	141	6,11505	141
0,787	6,12350	141	6,12491	141	6,12632	142	6,12774	141	6,12915	141
0,788	6,13762	141	6,13903	142	6,14045	141	6,14186	142	6,14328	141
0,789	6,15177	142	6,15319	141	6,15460	142	6,15602	142	6,15744	142
0,790	6,16595	142	6,16737	142	6,16879	142	6,17021	142	6,17163	142
0,791	6,18016	143	6,18159	142	6,18301	142	6,18443	143	6,18586	142
0,792	6,19441	143	6,19584	142	6,19726	143	6,19869	143	6,20012	143
0,793	6,20869	143	6,21012	143	6,21155	143	6,21298	143	6,21441	143
0,794	6,22300	144	6,22444	143	6,22587	143	6,22730	144	6,22874	143
0,795	6,23735	143	6,23878	144	6,24022	144	6,24166	144	6,24310	143
0,796	6,25173	144	6,25317	144	6,25461	144	6,25605	144	6,25749	144
0,797	6,26614	144	6,26758	144	6,26902	145	6,27047	144	6,27191	145
0,798	6,28058	145	6,28203	145	6,28348	144	6,28492	145	6,28637	145
0,799	6,29506	145	6,29651	145	6,29796	145	6,29941	145	6,30086	145

Błąd przybliżeń podanych na str. 54 i 55 jest nie większy niż 0,000005, a błąd przybliżenia otrzymanego przez interpolację liniową jest mniejszy niż 0,00000505 + błąd zaokrąglenia wyniku.

Przykład interpolacji na str. 48.

IV. Decimal antilogarithms (10^x)

5	δ	6	δ	7	δ	8	δ	9	δ	x
5,62989	130	5,63119	129	5,63248	130	5,63378	130	5,63508	130	0,750
5,64287	130	5,64417	130	5,64547	130	5,64677	130	5,64807	130	0,751
5,65588	130	5,65718	130	5,65848	131	5,65979	130	5,66109	130	0,752
5,66892	130	5,67022	131	5,67153	130	5,67283	131	5,67414	131	0,753
5,68198	131	5,68329	131	5,68460	131	5,68591	131	5,68722	131	0,754
5,69508	131	5,69639	132	5,69771	131	5,69902	131	5,70033	131	0,755
5,70821	132	5,70953	131	5,71084	132	5,71216	131	5,71347	132	0,756
5,72137	132	5,72269	131	5,72400	132	5,72532	132	5,72664	132	0,757
5,73456	132	5,73588	132	5,73720	132	5,73852	132	5,73984	132	0,758
5,74778	132	5,74910	133	5,75043	132	5,75175	132	5,75307	133	0,759
5,76103	132	5,76235	133	5,76368	133	5,76501	133	5,76634	132	0,760
5,77431	133	5,77564	133	5,77697	133	5,77830	133	5,77963	133	0,761
5,78762	133	5,78895	134	5,79029	133	5,79162	133	5,79295	134	0,762
5,80096	134	5,80230	133	5,80363	134	5,80497	134	5,80631	133	0,763
5,81433	134	5,81567	134	5,81701	134	5,81835	134	5,81969	134	0,764
5,82774	134	5,82908	134	5,83042	134	5,83176	135	5,83311	134	0,765
5,84117	135	5,84252	134	5,84386	135	5,84521	134	5,84655	135	0,766
5,85464	135	5,85599	134	5,85733	135	5,85868	135	5,86003	135	0,767
5,86813	136	5,86949	135	5,87084	135	5,87219	135	5,87354	135	0,768
5,88166	136	5,88302	135	5,88437	136	5,88573	135	5,88708	136	0,769
5,89522	136	5,89658	136	5,89794	135	5,89929	136	5,90065	136	0,770
5,90881	136	5,91017	136	5,91153	136	5,91289	136	5,91425	137	0,771
5,92243	136	5,92379	137	5,92516	136	5,92652	137	5,92789	136	0,772
5,93608	137	5,93745	137	5,93882	137	5,94019	136	5,94155	137	0,773
5,94977	137	5,95114	137	5,95251	137	5,95388	137	5,95525	137	0,774
5,96348	138	5,96486	137	5,96623	137	5,96760	138	5,96898	137	0,775
5,97723	138	5,97861	137	5,97998	138	5,98136	138	5,98274	138	0,776
5,99101	138	5,99239	138	5,99377	138	5,99515	138	5,99653	138	0,777
6,00482	138	6,00620	139	6,00759	138	6,00897	138	6,01035	139	0,778
6,01866	139	6,02005	138	6,02143	139	6,02282	139	6,02421	139	0,779
6,03254	139	6,03393	139	6,03532	139	6,03671	139	6,03810	139	0,780
6,04644	140	6,04784	139	6,04923	139	6,05062	140	6,05202	139	0,781
6,06038	140	6,06178	139	6,06317	140	6,06457	140	6,06597	139	0,782
6,07435	140	6,07575	140	6,07715	140	6,07855	140	6,07995	140	0,783
6,08836	140	6,08976	140	6,09116	140	6,09256	141	6,09397	140	0,784
6,10239	141	6,10380	140	6,10520	141	6,10661	140	6,10801	141	0,785
6,11646	141	6,11787	141	6,11928	140	6,12068	141	6,12209	141	0,786
6,13056	141	6,13197	141	6,13338	141	6,13479	142	6,13621	141	0,787
6,14469	142	6,14611	141	6,14752	142	6,14894	141	6,15035	142	0,788
6,15886	141	6,16027	142	6,16169	142	6,16311	142	6,16453	142	0,789
6,17305	142	6,17447	143	6,17590	142	6,17732	142	6,17874	142	0,790
6,18728	143	6,18871	142	6,19013	143	6,19156	142	6,19298	143	0,791
6,20155	142	6,20297	143	6,20440	143	6,20583	143	6,20726	143	0,792
6,21584	143	6,21727	144	6,21871	143	6,22014	143	6,22157	143	0,793
6,23017	144	6,23161	143	6,23304	144	6,23448	143	6,23591	144	0,794
6,24453	144	6,24597	144	6,24741	144	6,24885	144	6,25029	144	0,795
6,25893	144	6,26037	144	6,26181	144	6,26325	145	6,26470	144	0,796
6,27336	144	6,27480	145	6,27625	144	6,27769	145	6,27914	144	0,797
6,28782	145	6,28927	144	6,29071	145	6,29216	145	6,29361	145	0,798
6,30231	145	6,30376	146	6,30522	145	6,30667	145	6,30812	145	0,799

10^x

The error of the approximations given on pp. 54 and 55 is not greater than 0,000005 and the error of an approximation obtained by linear interpolation is less than 0,00000505 + the error of rounding off the result.

An example of interpolation is given on p. 49.

IV. Antylogarytmy dziesiętne (10^x)

x	0	δ	1	δ	2	δ	3	δ	4	δ
0,800	6,30957	146	6,31103	145	6,31248	145	6,31393	146	6,31539	145
0,801	6,32412	145	6,32557	146	6,32703	146	6,32849	146	6,32995	145
0,802	6,33870	146	6,34016	146	6,34162	146	6,34308	146	6,34454	146
0,803	6,35331	146	6,35477	147	6,35624	146	6,35770	146	6,35916	147
0,804	6,36796	146	6,36942	147	6,37089	147	6,37236	146	6,37382	147
0,805	6,38263	147	6,38410	147	6,38557	148	6,38705	147	6,38852	147
0,806	6,39735	147	6,39882	148	6,40030	147	6,40177	147	6,40324	148
0,807	6,41210	147	6,41357	148	6,41505	148	6,41653	147	6,41800	148
0,808	6,42688	148	6,42836	148	6,42984	148	6,43132	148	6,43280	148
0,809	6,44169	149	6,44318	148	6,44466	148	6,44614	149	6,44763	148
0,810	6,45654	149	6,45803	149	6,45952	148	6,46100	149	6,46249	149
0,811	6,47143	149	6,47292	149	6,47441	149	6,47590	149	6,47739	149
0,812	6,48634	150	6,48784	149	6,48933	150	6,49083	149	6,49232	150
0,813	6,50130	149	6,50279	150	6,50429	150	6,50579	150	6,50729	150
0,814	6,51628	150	6,51778	151	6,51929	150	6,52079	150	6,52229	150
0,815	6,53131	150	6,53281	150	6,53431	151	6,53582	150	6,53732	151
0,816	6,54636	151	6,54787	151	6,54938	151	6,55089	150	6,55239	151
0,817	6,56145	151	6,56296	152	6,56448	151	6,56599	151	6,56750	151
0,818	6,57658	151	6,57809	152	6,57961	151	6,58112	152	6,58264	151
0,819	6,59174	152	6,59326	152	6,59478	151	6,59629	152	6,59781	152
0,820	6,60693	153	6,60846	152	6,60998	152	6,61150	152	6,61302	153
0,821	6,62217	152	6,62369	153	6,62522	152	6,62674	153	6,62827	152
0,822	6,63743	153	6,63896	153	6,64049	153	6,64202	153	6,64355	153
0,823	6,65273	153	6,65426	154	6,65580	153	6,65733	153	6,65886	154
0,824	6,66807	153	6,66960	154	6,67114	154	6,67268	153	6,67421	154
0,825	6,68344	154	6,68498	154	6,68652	154	6,68806	154	6,68960	154
0,826	6,69885	154	6,70039	154	6,70193	155	6,70348	154	6,70502	154
0,827	6,71429	154	6,71583	155	6,71738	155	6,71893	155	6,72048	154
0,828	6,72977	155	6,73132	155	6,73287	155	6,73442	155	6,73597	155
0,829	6,74528	155	6,74683	156	6,74839	155	6,74994	156	6,75150	155
0,830	6,76083	156	6,76239	155	6,76394	156	6,76550	156	6,76706	156
0,831	6,77642	156	6,77798	156	6,77954	156	6,78110	156	6,78266	156
0,832	6,79204	156	6,79360	156	6,79516	157	6,79673	156	6,79829	157
0,833	6,80769	157	6,80926	157	6,81083	157	6,81240	157	6,81397	157
0,834	6,82339	157	6,82496	157	6,82653	157	6,82810	157	6,82967	158
0,835	6,83912	157	6,84069	158	6,84227	157	6,84384	158	6,84542	157
0,836	6,85488	158	6,85646	158	6,85804	158	6,85962	158	6,86120	158
0,837	6,87068	159	6,87227	158	6,87385	158	6,87543	159	6,87702	158
0,838	6,88652	159	6,88811	159	6,88970	158	6,89128	159	6,89287	159
0,839	6,90240	159	6,90399	159	6,90558	159	6,90717	159	6,90876	159
0,840	6,91831	159	6,91990	160	6,92150	159	6,92309	159	6,92468	160
0,841	6,93426	159	6,93585	160	6,93745	160	6,93905	160	6,94065	160
0,842	6,95024	160	6,95184	160	6,95344	161	6,95505	160	6,95665	160
0,843	6,96627	160	6,96787	160	6,96947	161	6,97108	160	6,97268	161
0,844	6,98232	161	6,98393	161	6,98554	161	6,98715	161	6,98876	161
0,845	6,99842	161	7,00003	161	7,00164	162	7,00326	161	7,00487	161
0,846	7,01455	162	7,01617	161	7,01778	162	7,01940	162	7,02102	161
0,847	7,03072	162	7,03234	162	7,03396	162	7,03558	162	7,03720	162
0,848	7,04693	162	7,04855	163	7,05018	162	7,05180	162	7,05342	163
0,849	7,06318	162	7,06480	163	7,06643	163	7,06806	162	7,06968	163

Błąd przybliżeń podanych na str. 56 i 57 jest nie większy niż 0,000005, a błąd przybliżenia otrzymanego przez interpolację liniową jest mniejszy niż 0,00000505 + błąd zaokrąglenia wyniku.

Przykład interpolacji na str. 48.

IV. Decimal antilogarithms (10^x)

5	δ	6	δ	7	δ	8	δ	9	δ	x
6,31684	146	6,31830	145	6,31975	146	6,32121	145	6,32266	146	0,800
6,33140	146	6,33286	146	6,33432	146	6,33578	146	6,33724	146	0,801
6,34600	146	6,34746	146	6,34892	146	6,35038	147	6,35185	146	0,802
6,36063	146	6,36209	147	6,36356	146	6,36502	147	6,36649	147	0,803
6,37529	147	6,37676	147	6,37823	147	6,37970	147	6,38117	146	0,804
6,38999	147	6,39146	147	6,39293	147	6,39440	148	6,39588	147	0,805
6,40472	147	6,40619	148	6,40767	147	6,40914	148	6,41062	148	0,806
6,41948	148	6,42096	148	6,42244	148	6,42392	148	6,42540	148	0,807
6,43428	148	6,43576	148	6,43724	149	6,43873	148	6,44021	148	0,808
6,44911	149	6,45060	148	6,45208	149	6,45357	149	6,45506	148	0,809
6,46398	149	6,46547	149	6,46696	149	6,46845	149	6,46994	149	0,810
6,47888	149	6,48037	150	6,48187	149	6,48336	149	6,48485	149	0,811
6,49382	149	6,49531	150	6,49681	149	6,49830	150	6,49980	150	0,812
6,50879	149	6,51028	150	6,51178	150	6,51328	150	6,51478	150	0,813
6,52379	150	6,52529	151	6,52680	150	6,52830	150	6,52980	151	0,814
6,53883	151	6,54034	150	6,54184	151	6,54335	150	6,54485	151	0,815
6,55390	151	6,55541	151	6,55692	151	6,55843	151	6,55994	151	0,816
6,56901	151	6,57052	152	6,57204	151	6,57355	151	6,57506	152	0,817
6,58415	152	6,58567	152	6,58719	151	6,58870	152	6,59022	152	0,818
6,59933	152	6,60085	152	6,60237	152	6,60389	152	6,60541	152	0,819
6,61455	152	6,61607	152	6,61759	153	6,61912	152	6,62064	153	0,820
6,62979	153	6,63132	153	6,63285	152	6,63437	153	6,63590	153	0,821
6,64508	153	6,64661	153	6,64814	153	6,64967	153	6,65120	153	0,822
6,66040	153	6,66193	153	6,66346	154	6,66500	153	6,66653	154	0,823
6,67575	154	6,67729	153	6,67882	154	6,68036	154	6,68190	154	0,824
6,69114	154	6,69268	154	6,69422	154	6,69576	154	6,69730	155	0,825
6,70656	155	6,70811	154	6,70965	155	6,71120	154	6,71274	155	0,826
6,72202	155	6,72357	155	6,72512	155	6,72667	155	6,72822	155	0,827
6,73752	155	6,73907	155	6,74062	155	6,74217	156	6,74373	155	0,828
6,75305	156	6,75461	155	6,75616	156	6,75772	155	6,75927	156	0,829
6,76862	156	6,77018	156	6,77174	156	6,77330	155	6,77485	157	0,830
6,78422	156	6,78578	157	6,78735	156	6,78891	156	6,79047	157	0,831
6,79986	157	6,80143	156	6,80299	157	6,80456	157	6,80613	156	0,832
6,81554	157	6,81711	157	6,81868	157	6,82025	157	6,82182	157	0,833
6,83125	157	6,83282	157	6,83439	158	6,83597	157	6,83754	158	0,834
6,84699	158	6,84857	158	6,85015	158	6,85173	157	6,85330	158	0,835
6,86278	158	6,86436	158	6,86594	158	6,86752	158	6,86910	158	0,836
6,87860	158	6,88018	159	6,88177	158	6,88335	159	6,88494	158	0,837
6,89446	158	6,89604	159	6,89763	159	6,89922	159	6,90081	159	0,838
6,91035	159	6,91194	159	6,91353	159	6,91512	160	6,91672	159	0,839
6,92628	159	6,92787	160	6,92947	160	6,93107	159	6,93266	160	0,840
6,94225	159	6,94384	160	6,94544	160	6,94704	160	6,94864	160	0,841
6,95825	160	6,95985	160	6,96145	161	6,96306	160	6,96466	161	0,842
6,97429	161	6,97590	160	6,97750	161	6,97911	161	6,98072	160	0,843
6,99037	161	6,99198	161	6,99359	161	6,99520	161	6,99681	161	0,844
7,00648	162	7,00810	161	7,00971	161	7,01132	162	7,01294	161	0,845
7,02263	162	7,02425	162	7,02587	162	7,02749	161	7,02910	162	0,846
7,03882	162	7,04044	162	7,04206	163	7,04369	162	7,04531	162	0,847
7,05505	162	7,05667	163	7,05830	162	7,05992	163	7,06155	163	0,848
7,07131	163	7,07294	163	7,07457	163	7,07620	163	7,07783	163	0,849

10^x

The error of the approximations given on pp. 56 and 57 is not greater than 0,000005 and the error of an approximation obtained by linear interpolation is less than 0,00000505 + the error of rounding off the result.

An example of interpolation is given on p. 49.

IV. Antylogarytmy dziesiętne (10^x)

x	0	δ	1	δ	2	δ	3	δ	4	δ
0,850	7,07946	163	7,08109	163	7,08272	163	7,08435	163	7,08598	163
0,851	7,09578	163	7,09741	164	7,09905	163	7,10068	164	7,10232	163
0,852	7,11214	163	7,11377	164	7,11541	164	7,11705	164	7,11869	164
0,853	7,12853	164	7,13017	164	7,13181	165	7,13346	164	7,13510	164
0,854	7,14496	165	7,14661	164	7,14825	165	7,14990	165	7,15155	164
0,855	7,16143	165	7,16308	165	7,16473	165	7,16638	165	7,16803	165
0,856	7,17794	166	7,17960	165	7,18125	165	7,18290	166	7,18456	165
0,857	7,19449	166	7,19615	165	7,19780	166	7,19946	166	7,20112	166
0,858	7,21107	167	7,21274	166	7,21440	166	7,21606	166	7,21772	166
0,859	7,22770	166	7,22936	167	7,23103	166	7,23269	167	7,23436	166
0,860	7,24436	167	7,24603	167	7,24770	167	7,24937	166	7,25103	167
0,861	7,26106	167	7,26273	167	7,26440	168	7,26608	167	7,26775	167
0,862	7,27780	167	7,27947	168	7,28115	168	7,28283	167	7,28450	168
0,863	7,29458	167	7,29625	169	7,29794	168	7,29962	168	7,30130	168
0,864	7,31139	168	7,31307	169	7,31476	168	7,31644	169	7,31813	168
0,865	7,32825	168	7,32993	169	7,33162	169	7,33331	169	7,33500	169
0,866	7,34514	169	7,34683	169	7,34852	169	7,35021	170	7,35191	169
0,867	7,36207	170	7,36377	169	7,36546	170	7,36716	169	7,36885	170
0,868	7,37904	170	7,38074	170	7,38244	170	7,38414	170	7,38584	170
0,869	7,39605	171	7,39776	170	7,39946	170	7,40116	171	7,40287	170
0,870	7,41310	171	7,41481	171	7,41652	170	7,41822	171	7,41993	171
0,871	7,43019	171	7,43190	171	7,43361	172	7,43533	171	7,43704	171
0,872	7,44732	171	7,44903	172	7,45075	172	7,45247	171	7,45418	172
0,873	7,46449	172	7,46621	172	7,46793	172	7,46965	172	7,47137	172
0,874	7,48170	172	7,48342	172	7,48514	172	7,48686	173	7,48859	172
0,875	7,49894	173	7,50067	173	7,50240	172	7,50412	173	7,50585	173
0,876	7,51623	173	7,51796	173	7,51969	173	7,52142	173	7,52315	174
0,877	7,53356	173	7,53529	174	7,53703	173	7,53876	174	7,54050	173
0,878	7,55092	174	7,55266	174	7,55440	174	7,55614	174	7,55788	174
0,879	7,56833	174	7,57007	175	7,57182	174	7,57356	174	7,57530	175
0,880	7,58578	174	7,58752	175	7,58927	175	7,59102	175	7,59277	174
0,881	7,60326	175	7,60501	176	7,60677	175	7,60852	175	7,61027	175
0,882	7,62079	176	7,62255	175	7,62430	176	7,62606	175	7,62781	176
0,883	7,63836	176	7,64012	176	7,64188	176	7,64364	176	7,64540	176
0,884	7,65597	176	7,65773	176	7,65949	177	7,66126	176	7,66302	177
0,885	7,67361	177	7,67538	177	7,67715	177	7,67892	177	7,68069	176
0,886	7,69130	178	7,69308	177	7,69485	177	7,69662	177	7,69839	177
0,887	7,70903	178	7,71081	178	7,71259	177	7,71436	178	7,71614	178
0,888	7,72681	178	7,72859	177	7,73036	179	7,73215	178	7,73393	178
0,889	7,74462	178	7,74640	179	7,74819	178	7,74997	178	7,75175	179
0,890	7,76247	179	7,76426	179	7,76605	179	7,76784	178	7,76962	179
0,891	7,78037	179	7,78216	179	7,78395	179	7,78574	179	7,78753	180
0,892	7,79830	180	7,80010	179	7,80189	180	7,80369	180	7,80549	179
0,893	7,81628	180	7,81808	180	7,81988	180	7,82168	180	7,82348	180
0,894	7,83430	180	7,83610	181	7,83791	180	7,83971	181	7,84152	180
0,895	7,85236	180	7,85416	181	7,85597	181	7,85778	181	7,85959	181
0,896	7,87046	181	7,87227	181	7,87408	182	7,87590	181	7,87771	181
0,897	7,88860	182	7,89042	181	7,89223	182	7,89405	182	7,89587	182
0,898	7,90679	182	7,90861	182	7,91043	182	7,91225	182	7,91407	182
0,899	7,92501	183	7,92684	182	7,92866	183	7,93049	183	7,93232	182

Błąd przybliżeń podanych na str. 58 i 59 jest nie większy niż 0,000005, a błąd przybliżenia otrzymanego przez interpolację liniową jest mniejszy niż 0,00000506 + błąd zaokrąglenia wyniku.

Przykład interpolacji na str. 48.

IV. Decimal antilogarithms (10^x)

5	δ	6	δ	7	δ	8	δ	9	δ	x
7,08761	164	7,08925	163	7,09088	163	7,09251	163	7,09414	164	0,850
7,10395	164	7,10559	163	7,10722	164	7,10886	164	7,11050	164	0,851
7,12033	164	7,12197	164	7,12361	164	7,12525	164	7,12689	164	0,852
7,13674	165	7,13839	164	7,14003	164	7,14167	165	7,14332	164	0,853
7,15319	165	7,15484	165	7,15649	165	7,15814	165	7,15979	164	0,854
7,16968	165	7,17133	166	7,17299	165	7,17464	165	7,17629	165	0,855
7,18621	166	7,18787	165	7,18952	166	7,19118	165	7,19283	166	0,856
7,20278	166	7,20444	166	7,20610	165	7,20775	166	7,20941	166	0,857
7,21938	166	7,22104	167	7,22271	166	7,22437	166	7,22603	167	0,858
7,23602	167	7,23769	167	7,23936	166	7,24102	167	7,24269	167	0,859
7,25270	167	7,25437	168	7,25605	167	7,25772	167	7,25939	167	0,860
7,26942	168	7,27110	167	7,27277	168	7,27445	167	7,27612	168	0,861
7,28618	168	7,28786	168	7,28954	168	7,29122	168	7,29290	168	0,862
7,30298	168	7,30466	168	7,30634	168	7,30802	169	7,30971	168	0,863
7,31981	169	7,32150	168	7,32318	169	7,32487	169	7,32656	169	0,864
7,33669	169	7,33838	169	7,34007	169	7,34176	169	7,34345	169	0,865
7,35360	169	7,35529	170	7,35699	169	7,35868	170	7,36038	169	0,866
7,37055	170	7,37225	170	7,37395	169	7,37564	170	7,37734	170	0,867
7,38754	170	7,38924	171	7,39095	170	7,39265	170	7,39435	170	0,868
7,40457	171	7,40628	170	7,40798	171	7,40969	171	7,41140	170	0,869
7,42164	171	7,42335	171	7,42506	171	7,42677	171	7,42848	171	0,870
7,43875	171	7,44046	172	7,44218	171	7,44389	172	7,44561	171	0,871
7,45590	172	7,45762	171	7,45933	172	7,46105	172	7,46277	172	0,872
7,47309	172	7,47481	172	7,47653	172	7,47825	172	7,47997	173	0,873
7,49031	173	7,49204	172	7,49376	173	7,49549	173	7,49722	172	0,874
7,50758	173	7,50931	173	7,51104	173	7,51277	173	7,51450	173	0,875
7,52489	173	7,52662	173	7,52835	174	7,53009	173	7,53182	174	0,876
7,54223	174	7,54397	174	7,54571	174	7,54745	173	7,54918	174	0,877
7,55962	174	7,56136	174	7,56310	174	7,56484	175	7,56659	174	0,878
7,57705	174	7,57879	175	7,58054	174	7,58228	175	7,58403	175	0,879
7,59451	175	7,59626	175	7,59801	175	7,59976	175	7,60151	175	0,880
7,61202	175	7,61377	176	7,61553	175	7,61728	176	7,61904	175	0,881
7,62957	176	7,63133	175	7,63308	176	7,63484	176	7,63660	176	0,882
7,64716	176	7,64892	176	7,65068	176	7,65244	176	7,65420	177	0,883
7,66479	176	7,66655	177	7,66832	176	7,67008	177	7,67185	176	0,884
7,68245	177	7,68422	177	7,68599	177	7,68776	177	7,68953	177	0,885
7,70016	178	7,70194	177	7,70371	178	7,70549	177	7,70726	177	0,886
7,71792	177	7,71969	178	7,72147	178	7,72325	178	7,72503	178	0,887
7,73571	178	7,73749	178	7,73927	178	7,74105	178	7,74283	179	0,888
7,75354	178	7,75532	179	7,75711	179	7,75890	178	7,76068	179	0,889
7,77141	179	7,77320	179	7,77499	179	7,77678	179	7,77857	180	0,890
7,78933	179	7,79112	180	7,79292	179	7,79471	180	7,79651	179	0,891
7,80728	180	7,80908	180	7,81088	180	7,81268	180	7,81448	180	0,892
7,82528	180	7,82708	181	7,82889	180	7,83069	180	7,83249	181	0,893
7,84332	181	7,84513	180	7,84693	181	7,84874	181	7,85055	181	0,894
7,86140	181	7,86321	181	7,86502	181	7,86683	182	7,86865	181	0,895
7,87952	182	7,88134	181	7,88315	182	7,88497	181	7,88678	182	0,896
7,89769	182	7,89951	182	7,90133	182	7,90315	182	7,90497	182	0,897
7,91589	183	7,91772	182	7,91954	182	7,92136	183	7,92319	182	0,898
7,93414	183	7,93597	183	7,93780	183	7,93963	182	7,94145	183	0,899

10^x

The error of the approximations given on pp. 58 and 59 is not greater than 0,000005 and the error of an approximation obtained by linear interpolation is less than 0,00000506 + the error of rounding off the result.

An example of interpolation is given on p. 49.

IV. Antylogarytmy dziesiętne (10^x)

x	0	δ	1	δ	2	δ	3	δ	4	δ
0,900	7,94328	183	7,94511	183	7,94694	183	7,94877	183	7,95060	183
0,901	7,96159	184	7,96343	183	7,96526	184	7,96710	183	7,96893	183
0,902	7,97995	183	7,98178	184	7,98362	184	7,98546	184	7,98730	184
0,903	7,99834	184	8,00018	185	8,00203	184	8,00387	184	8,00571	185
0,904	8,01678	185	8,01863	184	8,02047	185	8,02232	185	8,02417	185
0,905	8,03526	185	8,03711	185	8,03896	185	8,04081	186	8,04267	185
0,906	8,05378	186	8,05564	185	8,05749	186	8,05935	186	8,06121	185
0,907	8,07235	186	8,07421	186	8,07607	186	8,07793	186	8,07979	186
0,908	8,09096	186	8,09282	187	8,09469	186	8,09655	186	8,09841	187
0,909	8,10961	187	8,11148	187	8,11335	186	8,11521	187	8,11708	187
0,910	8,12831	187	8,13018	187	8,13205	187	8,13392	188	8,13580	187
0,911	8,14704	188	8,14892	188	8,15080	187	8,15267	188	8,15455	188
0,912	8,16582	188	8,16770	189	8,16959	188	8,17147	188	8,17335	188
0,913	8,18465	188	8,18653	189	8,18842	188	8,19030	189	8,19219	189
0,914	8,20352	188	8,20540	189	8,20729	189	8,20918	189	8,21107	190
0,915	8,22243	189	8,22432	189	8,22621	190	8,22811	189	8,23000	190
0,916	8,24138	190	8,24328	190	8,24518	190	8,24708	190	8,24898	189
0,917	8,26038	190	8,26228	190	8,26418	191	8,26609	190	8,26799	191
0,918	8,27942	191	8,28133	191	8,28324	190	8,28514	191	8,28705	191
0,919	8,29851	191	8,30042	191	8,30233	191	8,30424	191	8,30615	192
0,920	8,31764	191	8,31955	192	8,32147	192	8,32339	191	8,32530	192
0,921	8,33681	192	8,33873	192	8,34065	192	8,34257	192	8,34449	193
0,922	8,35603	192	8,35795	193	8,35988	192	8,36180	193	8,36373	193
0,923	8,37529	193	8,37722	193	8,37915	193	8,38108	193	8,38301	193
0,924	8,39460	193	8,39653	194	8,39847	193	8,40040	194	8,40234	193
0,925	8,41395	194	8,41589	194	8,41783	194	8,41977	193	8,42170	194
0,926	8,43335	194	8,43529	194	8,43723	195	8,43918	194	8,44112	194
0,927	8,45279	195	8,45474	194	8,45668	195	8,45863	195	8,46058	195
0,928	8,47227	196	8,47423	195	8,47618	195	8,47813	195	8,48008	195
0,929	8,49180	196	8,49376	196	8,49572	195	8,49767	196	8,49963	196
0,930	8,51138	196	8,51334	196	8,51530	196	8,51726	196	8,51922	197
0,931	8,53100	197	8,53297	196	8,53493	197	8,53690	196	8,53886	197
0,932	8,55067	197	8,55264	197	8,55461	197	8,55658	197	8,55855	197
0,933	8,57038	197	8,57235	198	8,57433	197	8,57630	198	8,57828	197
0,934	8,59014	197	8,59211	198	8,59409	198	8,59607	198	8,59805	198
0,935	8,60994	198	8,61192	198	8,61390	199	8,61589	198	8,61787	199
0,936	8,62979	198	8,63177	199	8,63376	199	8,63575	199	8,63774	199
0,937	8,64968	199	8,65167	199	8,65366	200	8,65566	199	8,65765	199
0,938	8,66962	200	8,67162	199	8,67361	200	8,67561	200	8,67761	200
0,939	8,68960	201	8,69161	200	8,69361	200	8,69561	200	8,69761	200
0,940	8,70964	200	8,71164	201	8,71365	200	8,71565	201	8,71766	201
0,941	8,72971	201	8,73172	201	8,73373	202	8,73575	201	8,73776	201
0,942	8,74984	201	8,75185	202	8,75387	201	8,75588	202	8,75790	202
0,943	8,77001	202	8,77203	202	8,77405	202	8,77607	202	8,77809	202
0,944	8,79023	202	8,79225	202	8,79427	203	8,79630	202	8,79832	203
0,945	8,81049	203	8,81252	203	8,81455	203	8,81658	203	8,81861	203
0,946	8,83080	203	8,83283	204	8,83487	203	8,83690	204	8,83894	203
0,947	8,85116	203	8,85319	204	8,85523	204	8,85727	204	8,85931	204
0,948	8,87156	204	8,87360	205	8,87565	204	8,87769	204	8,87973	205
0,949	8,89201	205	8,89406	205	8,89611	205	8,89816	204	8,90020	205

Błąd przybliżeń podanych na str. 60 i 61 jest nie większy niż 0,000005, a błąd przybliżenia otrzymanego przez interpolację liniową jest mniejszy niż 0,00000506 + błąd zaokrąglenia wyniku.

Przykład interpolacji na str. 48.

IV. Decimal antilogarithms (10^x)

5	δ	6	δ	7	δ	8	δ	9	δ	x
7,95243	183	7,95426	184	7,95610	183	7,95793	183	7,95976	183	0,900
7,97076	184	7,97260	184	7,97444	183	7,97627	184	7,97811	184	0,901
7,98914	184	7,99098	184	7,99282	184	7,99466	184	7,99650	184	0,902
8,00756	184	8,00940	184	8,01124	185	8,01309	184	8,01493	185	0,903
8,02602	184	8,02786	185	8,02971	185	8,03156	185	8,03341	185	0,904
8,04452	185	8,04637	185	8,04822	186	8,05008	185	8,05193	185	0,905
8,06306	186	8,06492	186	8,06678	185	8,06863	186	8,07049	186	0,906
8,08165	186	8,08351	186	8,08537	186	8,08723	187	8,08910	186	0,907
8,10028	186	8,10214	187	8,10401	187	8,10588	186	8,10774	187	0,908
8,11895	187	8,12082	187	8,12269	187	8,12456	187	8,12643	188	0,909
8,13767	187	8,13954	188	8,14142	187	8,14329	188	8,14517	187	0,910
8,15643	188	8,15831	187	8,16018	188	8,16206	188	8,16394	188	0,911
8,17523	188	8,17711	189	8,17900	188	8,18088	188	8,18276	189	0,912
8,19408	188	8,19596	189	8,19785	189	8,19974	189	8,20163	189	0,913
8,21297	189	8,21486	189	8,21675	189	8,21864	189	8,22053	190	0,914
8,23190	189	8,23379	190	8,23569	190	8,23759	189	8,23948	190	0,915
8,25087	190	8,25277	191	8,25468	190	8,25658	190	8,25848	190	0,916
8,26990	190	8,27180	190	8,27370	191	8,27561	191	8,27752	190	0,917
8,28896	191	8,29087	191	8,29278	191	8,29469	191	8,29660	191	0,918
8,30807	191	8,30998	191	8,31189	192	8,31381	191	8,31572	192	0,919
8,32722	192	8,32914	191	8,33105	192	8,33297	192	8,33489	192	0,920
8,34642	192	8,34834	192	8,35026	192	8,35218	193	8,35411	192	0,921
8,36566	192	8,36758	193	8,36951	193	8,37144	192	8,37336	193	0,922
8,38494	193	8,38687	193	8,38880	193	8,39073	194	8,39267	193	0,923
8,40427	194	8,40621	193	8,40814	194	8,41008	193	8,41201	194	0,924
8,42364	194	8,42558	194	8,42752	194	8,42946	195	8,43141	194	0,925
8,44306	195	8,44501	194	8,44695	195	8,44890	194	8,45084	195	0,926
8,46253	194	8,46447	195	8,46642	195	8,46837	195	8,47032	195	0,927
8,48203	196	8,48399	195	8,48594	196	8,48790	195	8,48985	195	0,928
8,50159	195	8,50354	196	8,50550	196	8,50746	196	8,50942	196	0,929
8,52119	196	8,52315	196	8,52511	196	8,52707	197	8,52904	196	0,930
8,54083	197	8,54280	196	8,54476	197	8,54673	197	8,54870	197	0,931
8,56052	197	8,56249	197	8,56446	197	8,56643	198	8,56841	197	0,932
8,58025	198	8,58223	197	8,58420	198	8,58618	198	8,58816	198	0,933
8,60003	198	8,60201	198	8,60399	198	8,60597	199	8,60796	198	0,934
8,61986	198	8,62184	199	8,62383	198	8,62581	199	8,62780	199	0,935
8,63973	199	8,64172	199	8,64371	199	8,64570	199	8,64769	199	0,936
8,65964	200	8,66164	199	8,66363	200	8,66563	199	8,66762	200	0,937
8,67961	199	8,68160	200	8,68360	200	8,68560	200	8,68760	200	0,938
8,69961	201	8,70162	200	8,70362	201	8,70563	200	8,70763	201	0,939
8,71967	201	8,72168	201	8,72369	200	8,72569	201	8,72770	201	0,940
8,73977	201	8,74178	202	8,74380	201	8,74581	201	8,74782	202	0,941
8,75992	201	8,76193	202	8,76395	202	8,76597	202	8,76799	202	0,942
8,78011	202	8,78213	203	8,78416	202	8,78618	202	8,78820	203	0,943
8,80035	203	8,80238	202	8,80440	203	8,80643	203	8,80846	203	0,944
8,82064	203	8,82267	203	8,82470	203	8,82673	204	8,82877	203	0,945
8,84097	204	8,84301	203	8,84504	204	8,84708	204	8,84912	204	0,946
8,86135	204	8,86339	204	8,86543	205	8,86748	204	8,86952	204	0,947
8,88178	205	8,88383	204	8,88587	205	8,88792	204	8,88996	205	0,948
8,90225	205	8,90430	205	8,90635	206	8,90841	205	8,91046	205	0,949

10^x

The error of the approximations given on pp. 60 and 61 is not greater than 0,000005 and the error of an approximation obtained by linear interpolation is less than 0,00000506 + the error of rounding off the result.

An example of interpolation is given on p. 49.

IV. Antylogarytmy dziesiętne (10^x)

x	0	δ	1	δ	2	δ	3	δ	4	δ
0,950	8,91251	205	8,91456	205	8,91661	206	8,91867	205	8,92072	206
0,951	8,93305	206	8,93511	206	8,93717	206	8,93923	206	8,94129	206
0,952	8,95365	206	8,95571	206	8,95777	206	8,95983	207	8,96190	206
0,953	8,97429	206	8,97635	207	8,97842	207	8,98049	207	8,98256	207
0,954	8,99498	207	8,99705	207	8,99912	207	9,00119	207	9,00326	208
0,955	9,01571	208	9,01779	207	9,01986	208	9,02194	208	9,02402	208
0,956	9,03649	209	9,03858	208	9,04066	208	9,04274	208	9,04482	208
0,957	9,05733	208	9,05941	209	9,06150	208	9,06358	209	9,06567	209
0,958	9,07821	209	9,08030	209	9,08239	209	9,08448	209	9,08657	209
0,959	9,09913	210	9,10123	209	9,10332	210	9,10542	210	9,10752	209
0,960	9,12011	210	9,12221	210	9,12431	210	9,12641	210	9,12851	210
0,961	9,14113	211	9,14324	210	9,14534	211	9,14745	211	9,14956	210
0,962	9,16220	211	9,16431	212	9,16643	211	9,16854	211	9,17065	211
0,963	9,18333	211	9,18544	212	9,18756	211	9,18967	212	9,19179	211
0,964	9,20450	212	9,20662	212	9,20874	212	9,21086	212	9,21298	212
0,965	9,22571	213	9,22784	212	9,22996	213	9,23209	213	9,23422	212
0,966	9,24698	213	9,24911	213	9,25124	213	9,25337	213	9,25550	213
0,967	9,26830	213	9,27043	214	9,27257	213	9,27470	214	9,27684	213
0,968	9,28966	214	9,29180	214	9,29394	214	9,29608	214	9,29822	215
0,969	9,31108	214	9,31322	215	9,31537	214	9,31751	215	9,31966	214
0,970	9,33254	215	9,33469	215	9,33684	215	9,33899	215	9,34114	215
0,971	9,35406	215	9,35621	216	9,35837	215	9,36052	216	9,36268	215
0,972	9,37562	216	9,37778	216	9,37994	216	9,38210	216	9,38426	216
0,973	9,39723	217	9,39940	216	9,40156	217	9,40373	216	9,40589	217
0,974	9,41890	216	9,42106	217	9,42323	217	9,42540	218	9,42758	217
0,975	9,44061	217	9,44278	218	9,44496	217	9,44713	218	9,44931	217
0,976	9,46237	218	9,46455	218	9,46673	218	9,46891	218	9,47109	218
0,977	9,48418	219	9,48637	218	9,48855	219	9,49074	218	9,49292	219
0,978	9,50605	219	9,50824	219	9,51043	219	9,51262	219	9,51481	219
0,979	9,52796	220	9,53016	219	9,53235	220	9,53455	219	9,53674	220
0,980	9,54993	220	9,55213	219	9,55432	220	9,55652	221	9,55873	220
0,981	9,57194	220	9,57414	221	9,57635	221	9,57856	220	9,58076	221
0,982	9,59401	221	9,59622	221	9,59843	221	9,60064	221	9,60285	221
0,983	9,61612	222	9,61834	221	9,62055	222	9,62277	221	9,62498	222
0,984	9,63829	222	9,64051	222	9,64273	222	9,64495	222	9,64717	222
0,985	9,66051	222	9,66273	223	9,66496	222	9,66718	223	9,66941	223
0,986	9,68278	223	9,68501	223	9,68724	223	9,68947	223	9,69170	223
0,987	9,70510	223	9,70733	224	9,70957	224	9,71181	223	9,71404	224
0,988	9,72747	224	9,72971	224	9,73195	224	9,73419	225	9,73644	224
0,989	9,74990	224	9,75214	225	9,75439	224	9,75663	225	9,75888	225
0,990	9,77237	225	9,77462	225	9,77687	226	9,77913	225	9,78138	225
0,991	9,79490	226	9,79716	225	9,79941	226	9,80167	226	9,80393	225
0,992	9,81748	226	9,81974	226	9,82200	226	9,82426	227	9,82653	226
0,993	9,84011	227	9,84238	226	9,84464	227	9,84691	227	9,84918	227
0,994	9,86279	228	9,86507	227	9,86734	227	9,86961	227	9,87188	228
0,995	9,88553	228	9,88781	227	9,89008	228	9,89236	228	9,89464	228
0,996	9,90832	228	9,91060	228	9,91288	229	9,91517	228	9,91745	228
0,997	9,93116	229	9,93345	229	9,93574	228	9,93802	229	9,94031	229
0,998	9,95405	230	9,95635	229	9,95864	229	9,96093	230	9,96323	229
0,999	9,97700	230	9,97930	230	9,98160	229	9,98389	230	9,98619	230

Błąd przybliżeń podanych na str. 62 i 63 jest nie większy niż 0,000005, a błąd przybliżenia otrzymanego przez interpolację liniową jest mniejszy niż 0,00000507 + błąd zaokrąglenia wyniku.

Przykład interpolacji na str. 48.

IV. Decimal antilogarithms (10^x)

5	δ	6	δ	7	δ	8	δ	9	δ	x
8,92278	205	8,92483	206	8,92689	205	8,92894	206	8,93100	205	0,950
8,94335	205	8,94540	206	8,94746	207	8,94953	206	8,95159	206	0,951
8,96396	207	8,96603	206	8,96809	207	8,97016	206	8,97222	207	0,952
8,98463	206	8,98669	207	8,98876	207	8,99083	207	8,99290	208	0,953
9,00534	207	9,00741	208	9,00949	207	9,01156	208	9,01364	207	0,954
9,02610	208	9,02818	207	9,03025	208	9,03233	208	9,03441	208	0,955
9,04690	209	9,04899	208	9,05107	209	9,05316	208	9,05524	209	0,956
9,06776	209	9,06985	209	9,07194	209	9,07403	209	9,07612	209	0,957
9,08866	210	9,09076	209	9,09285	209	9,09494	210	9,09704	209	0,958
9,10961	210	9,11171	210	9,11381	210	9,11591	210	9,11801	210	0,959
9,13061	211	9,13272	210	9,13482	210	9,13692	211	9,13903	210	0,960
9,15166	211	9,15377	211	9,15588	211	9,15799	211	9,16010	210	0,961
9,17276	211	9,17487	211	9,17698	212	9,17910	211	9,18121	212	0,962
9,19390	212	9,19602	212	9,19814	212	9,20026	212	9,20238	212	0,963
9,21510	212	9,21722	212	9,21934	213	9,22147	212	9,22359	212	0,964
9,23634	213	9,23847	213	9,24060	212	9,24272	213	9,24485	213	0,965
9,25763	214	9,25977	213	9,26190	213	9,26403	213	9,26616	214	0,966
9,27897	214	9,28111	214	9,28325	214	9,28539	214	9,28753	213	0,967
9,30037	214	9,30251	214	9,30465	214	9,30679	215	9,30894	214	0,968
9,32180	215	9,32395	215	9,32610	215	9,32825	214	9,33039	215	0,969
9,34329	216	9,34545	215	9,34760	215	9,34975	215	9,35190	216	0,970
9,36483	216	9,36699	216	9,36915	215	9,37130	216	9,37346	216	0,971
9,38642	216	9,38858	216	9,39074	217	9,39291	216	9,39507	216	0,972
9,40806	216	9,41022	217	9,41239	217	9,41456	217	9,41673	217	0,973
9,42975	217	9,43192	217	9,43409	217	9,43626	218	9,43844	217	0,974
9,45148	218	9,45366	218	9,45584	218	9,45802	217	9,46019	218	0,975
9,47327	218	9,47545	219	9,47764	218	9,47982	218	9,48200	218	0,976
9,49511	219	9,49730	218	9,49948	219	9,50167	219	9,50386	219	0,977
9,51700	219	9,51919	219	9,52138	219	9,52357	220	9,52577	219	0,978
9,53894	219	9,54113	220	9,54333	220	9,54553	220	9,54773	220	0,979
9,56093	220	9,56313	220	9,56533	220	9,56753	221	9,56974	220	0,980
9,58297	220	9,58517	221	9,58738	221	9,58959	221	9,59180	221	0,981
9,60506	221	9,60727	221	9,60948	222	9,61170	221	9,61391	221	0,982
9,62720	222	9,62942	221	9,63163	222	9,63385	222	9,63607	222	0,983
9,64939	223	9,65162	222	9,65384	222	9,65606	222	9,65828	223	0,984
9,67164	222	9,67386	223	9,67609	223	9,67832	223	9,68055	223	0,985
9,69393	224	9,69617	223	9,69840	223	9,70063	224	9,70287	223	0,986
9,71628	224	9,71852	224	9,72076	223	9,72299	224	9,72523	224	0,987
9,73868	224	9,74092	224	9,74316	225	9,74541	224	9,74765	225	0,988
9,76113	225	9,76338	224	9,76562	225	9,76787	225	9,77012	225	0,989
9,78363	225	9,78588	226	9,78814	225	9,79039	225	9,79264	226	0,990
9,80618	226	9,80844	226	9,81070	226	9,81296	226	9,81522	226	0,991
9,82879	226	9,83105	227	9,83332	226	9,83558	227	9,83785	226	0,992
9,85145	227	9,85372	226	9,85598	227	9,85825	227	9,86052	227	0,993
9,87416	227	9,87643	227	9,87870	228	9,88098	227	9,88325	228	0,994
9,89692	228	9,89920	228	9,90148	228	9,90376	228	9,90604	228	0,995
9,91973	229	9,92202	228	9,92430	229	9,92659	228	9,92887	229	0,996
9,94260	229	9,94489	229	9,94718	229	9,94947	229	9,95176	229	0,997
9,96552	230	9,96782	229	9,97011	230	9,97241	229	9,97470	230	0,998
9,98849	230	9,99079	230	9,99309	231	9,99540	230	9,99770	230	0,999

10^x

The error of the approximations given on pp. 62 and 63 is not greater than 0,000005 and the error of an approximation obtained by linear interpolation is less than 0,00000507 + the error of rounding off the result.

An example of interpolation is given on p. 49.