

V. Kwadraty (x^2)

x	0	δ	1	δ	2	δ	3	δ	4	δ
1,00	1,00000	200	1,00200	200	1,00400	201	1,00601	201	1,00802	200
1,01	1,02010	202	1,02212	202	1,02414	203	1,02617	203	1,02820	202
1,02	1,04040	204	1,04244	204	1,04448	205	1,04653	205	1,04858	204
1,03	1,06090	206	1,06296	206	1,06502	207	1,06709	207	1,06916	206
1,04	1,08160	208	1,08368	208	1,08576	209	1,08785	209	1,08994	208
1,05	1,10250	210	1,10460	210	1,10670	211	1,10881	211	1,11092	210
1,06	1,12360	212	1,12572	212	1,12784	213	1,12997	213	1,13210	212
1,07	1,14490	214	1,14704	214	1,14918	215	1,15133	215	1,15348	214
1,08	1,16640	216	1,16856	216	1,17072	217	1,17289	217	1,17506	216
1,09	1,18810	218	1,19028	218	1,19246	219	1,19465	219	1,19684	218
1,10	1,21000	220	1,21220	220	1,21440	221	1,21661	221	1,21882	220
1,11	1,23210	222	1,23432	222	1,23654	223	1,23877	223	1,24100	222
1,12	1,25440	224	1,25664	224	1,25888	225	1,26113	225	1,26338	224
1,13	1,27690	226	1,27916	226	1,28142	227	1,28369	227	1,28596	226
1,14	1,29960	228	1,30188	228	1,30416	229	1,30645	229	1,30874	228
1,15	1,32250	230	1,32480	230	1,32710	231	1,32941	231	1,33172	230
1,16	1,34560	232	1,34792	232	1,35024	233	1,35257	233	1,35490	232
1,17	1,36890	234	1,37124	234	1,37358	235	1,37593	235	1,37828	234
1,18	1,39240	236	1,39476	236	1,39712	237	1,39949	237	1,40186	236
1,19	1,41610	238	1,41848	238	1,42086	239	1,42325	239	1,42564	238
1,20	1,44000	240	1,44240	240	1,44480	241	1,44721	241	1,44962	240
1,21	1,46410	242	1,46652	242	1,46894	243	1,47137	243	1,47380	242
1,22	1,48840	244	1,49084	244	1,49328	245	1,49573	245	1,49818	244
1,23	1,51290	246	1,51536	246	1,51782	247	1,52029	247	1,52276	246
1,24	1,53760	248	1,54008	248	1,54256	249	1,54505	249	1,54754	248
1,25	1,56250	250	1,56500	250	1,56750	251	1,57001	251	1,57252	250
1,26	1,58760	252	1,59012	252	1,59264	253	1,59517	253	1,59770	252
1,27	1,61290	254	1,61544	254	1,61798	255	1,62053	255	1,62308	254
1,28	1,63840	256	1,64096	256	1,64352	257	1,64609	257	1,64866	256
1,29	1,66410	258	1,66668	258	1,66926	259	1,67185	259	1,67444	258
1,30	1,69000	260	1,69260	260	1,69520	261	1,69781	261	1,70042	260
1,31	1,71610	262	1,71872	262	1,72134	263	1,72397	263	1,72660	262
1,32	1,74240	264	1,74504	264	1,74768	265	1,75033	265	1,75298	264
1,33	1,76890	266	1,77156	266	1,77422	267	1,77689	267	1,77956	266
1,34	1,79560	268	1,79828	268	1,80096	269	1,80365	269	1,80634	268
1,35	1,82250	270	1,82520	270	1,82790	271	1,83061	271	1,83332	270
1,36	1,84960	272	1,85232	272	1,85504	273	1,85777	273	1,86050	272
1,37	1,87690	274	1,87964	274	1,88238	275	1,88513	275	1,88788	274
1,38	1,90440	276	1,90716	276	1,90992	277	1,91269	277	1,91546	276
1,39	1,93210	278	1,93488	278	1,93766	279	1,94045	279	1,94324	278
1,40	1,96000	280	1,96280	280	1,96560	281	1,96841	281	1,97122	280
1,41	1,98810	282	1,99092	282	1,99374	283	1,99657	283	1,99940	282
1,42	2,01640	284	2,01924	284	2,02208	285	2,02493	285	2,02778	284
1,43	2,04490	286	2,04776	286	2,05062	287	2,05349	287	2,05636	286
1,44	2,07360	288	2,07648	288	2,07936	289	2,08225	289	2,08514	288
1,45	2,10250	290	2,10540	290	2,10830	291	2,11121	291	2,11412	290
1,46	2,13160	292	2,13452	292	2,13744	293	2,14037	293	2,14330	292
1,47	2,16090	294	2,16384	294	2,16678	295	2,16973	295	2,17268	294
1,48	2,19040	296	2,19336	296	2,19632	297	2,19929	297	2,20226	296
1,49	2,22010	298	2,22308	298	2,22606	299	2,22905	299	2,23204	298

Błąd przybliżeń podanych na str. 64 i 65 jest nie większy niż 0,000005, a błąd przybliżenia otrzymanego przez interpolację liniową jest nie większy niż 0,00000525 + błąd zaokrąglenia wyniku.

Przykład interpolacji na str. 72.

V. Squares (x^2)

5	δ	6	δ	7	δ	8	δ	9	δ	x
1,01002	202	1,01204	201	1,01405	201	1,01606	202	1,01808	202	1,00
1,03022	204	1,03226	203	1,03429	203	1,03632	204	1,03836	204	1,01
1,05062	206	1,05268	205	1,05473	205	1,05678	206	1,05884	206	1,02
1,07122	208	1,07330	207	1,07537	207	1,07744	208	1,07952	208	1,03
1,09202	210	1,09412	209	1,09621	209	1,09830	210	1,10040	210	1,04
1,11302	212	1,11514	211	1,11725	211	1,11936	212	1,12148	212	1,05
1,13422	214	1,13636	213	1,13849	213	1,14062	214	1,14276	214	1,06
1,15562	216	1,15778	215	1,15993	215	1,16208	216	1,16424	216	1,07
1,17722	218	1,17940	217	1,18157	217	1,18374	218	1,18592	218	1,08
1,19902	220	1,20122	219	1,20341	219	1,20560	220	1,20780	220	1,09
1,22102	222	1,22324	221	1,22545	221	1,22766	222	1,22988	222	1,10
1,24322	224	1,24546	223	1,24769	223	1,24992	224	1,25216	224	1,11
1,26562	226	1,26788	225	1,27013	225	1,27238	226	1,27464	226	1,12
1,28822	228	1,29050	227	1,29277	227	1,29504	228	1,29732	228	1,13
1,31102	230	1,31332	229	1,31561	229	1,31790	230	1,32020	230	1,14
1,33402	232	1,33634	231	1,33865	231	1,34096	232	1,34328	232	1,15
1,35722	234	1,35956	233	1,36189	233	1,36422	234	1,36656	234	1,16
1,38062	236	1,38298	235	1,38533	235	1,38768	236	1,39004	236	1,17
1,40422	238	1,40660	237	1,40897	237	1,41134	238	1,41372	238	1,18
1,42802	240	1,43042	239	1,43281	239	1,43520	240	1,43760	240	1,19
1,45202	242	1,45444	241	1,45685	241	1,45926	242	1,46168	242	1,20
1,47622	244	1,47866	243	1,48109	243	1,48352	244	1,48596	244	1,21
1,50062	246	1,50308	245	1,50553	245	1,50798	246	1,51044	246	1,22
1,52522	248	1,52770	247	1,53017	247	1,53264	248	1,53512	248	1,23
1,55002	250	1,55252	249	1,55501	249	1,55750	250	1,56000	250	1,24
1,57502	252	1,57754	251	1,58005	251	1,58256	252	1,58508	252	1,25
1,60022	254	1,60276	253	1,60529	253	1,60782	254	1,61036	254	1,26
1,62562	256	1,62818	255	1,63073	255	1,63328	256	1,63584	256	1,27
1,65122	258	1,65380	257	1,65637	257	1,65894	258	1,66152	258	1,28
1,67702	260	1,67962	259	1,68221	259	1,68480	260	1,68740	260	1,29
1,70302	262	1,70564	261	1,70825	261	1,71086	262	1,71348	262	1,30
1,72922	264	1,73186	263	1,73449	263	1,73712	264	1,73976	264	1,31
1,75562	266	1,75828	265	1,76093	265	1,76358	266	1,76624	266	1,32
1,78222	268	1,78490	267	1,78757	267	1,79024	268	1,79292	268	1,33
1,80902	270	1,81172	269	1,81441	269	1,81710	270	1,81980	270	1,34
1,83602	272	1,83874	271	1,84145	271	1,84416	272	1,84688	272	1,35
1,86322	274	1,86596	273	1,86869	273	1,87142	274	1,87416	274	1,36
1,89062	276	1,89338	275	1,89613	275	1,89888	276	1,90164	276	1,37
1,91822	278	1,92100	277	1,92377	277	1,92654	278	1,92932	278	1,38
1,94602	280	1,94882	279	1,95161	279	1,95440	280	1,95720	280	1,39
1,97402	282	1,97684	281	1,97965	281	1,98246	282	1,98528	282	1,40
2,00222	284	2,00506	283	2,00789	283	2,01072	284	2,01356	284	1,41
2,03062	286	2,03348	285	2,03633	285	2,03918	286	2,04204	286	1,42
2,05922	288	2,06210	287	2,06497	287	2,06784	288	2,07072	288	1,43
2,08802	290	2,09092	289	2,09381	289	2,09670	290	2,09960	290	1,44
2,11702	292	2,11994	291	2,12285	291	2,12576	292	2,12868	292	1,45
2,14622	294	2,14916	293	2,15209	293	2,15502	294	2,15796	294	1,46
2,17562	296	2,17858	295	2,18153	295	2,18448	296	2,18744	296	1,47
2,20522	298	2,20820	297	2,21117	297	2,21414	298	2,21712	298	1,48
2,23502	300	2,23802	299	2,24101	299	2,24400	300	2,24700	300	1,49

The error of the approximations given on pp. 64 and 65 is not greater than 0,000005 and the error of an approximation obtained by linear interpolation is not greater than 0,00000525 + the error of rounding off the result.

An example of interpolation is given on p. 73.

V. Kwadraty (x^2)

x	0	δ	1	δ	2	δ	3	δ	4	δ
1,50	2,25000	300	2,25300	300	2,25600	301	2,25901	301	2,26202	300
1,51	2,28010	302	2,28312	302	2,28614	303	2,28917	303	2,29220	302
1,52	2,31040	304	2,31344	304	2,31648	305	2,31953	305	2,32258	304
1,53	2,34090	306	2,34396	306	2,34702	307	2,35009	307	2,35316	306
1,54	2,37160	308	2,37468	308	2,37776	309	2,38085	309	2,38394	308
1,55	2,40250	310	2,40560	310	2,40870	311	2,41181	311	2,41492	310
1,56	2,43360	312	2,43672	312	2,43984	313	2,44297	313	2,44610	312
1,57	2,46490	314	2,46804	314	2,47118	315	2,47433	315	2,47748	314
1,58	2,49640	316	2,49956	316	2,50272	317	2,50589	317	2,50906	316
1,59	2,52810	318	2,53128	318	2,53446	319	2,53765	319	2,54084	318
1,60	2,56000	320	2,56320	320	2,56640	321	2,56961	321	2,57282	320
1,61	2,59210	322	2,59532	322	2,59854	323	2,60177	323	2,60500	322
1,62	2,62440	324	2,62764	324	2,63088	325	2,63413	325	2,63738	324
1,63	2,65690	326	2,66016	326	2,66342	327	2,66669	327	2,66996	326
1,64	2,68960	328	2,69288	328	2,69616	329	2,69945	329	2,70274	328
1,65	2,72250	330	2,72580	330	2,72910	331	2,73241	331	2,73572	330
1,66	2,75560	332	2,75892	332	2,76224	333	2,76557	333	2,76890	332
1,67	2,78890	334	2,79224	334	2,79558	335	2,79893	335	2,80228	334
1,68	2,82240	336	2,82576	336	2,82912	337	2,83249	337	2,83586	336
1,69	2,85610	338	2,85948	338	2,86286	339	2,86625	339	2,86964	338
1,70	2,89000	340	2,89340	340	2,89680	341	2,90021	341	2,90362	340
1,71	2,92410	342	2,92752	342	2,93094	343	2,93437	343	2,93780	342
1,72	2,95840	344	2,96184	344	2,96528	345	2,96873	345	2,97218	344
1,73	2,99290	346	2,99636	346	2,99982	347	3,00329	347	3,00676	346
1,74	3,02760	348	3,03108	348	3,03456	349	3,03805	349	3,04154	348
1,75	3,06250	350	3,06600	350	3,06950	351	3,07301	351	3,07652	350
1,76	3,09760	352	3,10112	352	3,10464	353	3,10817	353	3,11170	352
1,77	3,13290	354	3,13644	354	3,13998	355	3,14353	355	3,14708	354
1,78	3,16840	356	3,17196	356	3,17552	357	3,17909	357	3,18266	356
1,79	3,20410	358	3,20768	358	3,21126	359	3,21485	359	3,21844	358
1,80	3,24000	360	3,24360	360	3,24720	361	3,25081	361	3,25442	360
1,81	3,27610	362	3,27972	362	3,28334	363	3,28697	363	3,29060	362
1,82	3,31240	364	3,31604	364	3,31968	365	3,32333	365	3,32698	364
1,83	3,34890	366	3,35256	366	3,35622	367	3,35989	367	3,36356	366
1,84	3,38560	368	3,38928	368	3,39296	369	3,39665	369	3,40034	368
1,85	3,42250	370	3,42620	370	3,42990	371	3,43361	371	3,43732	370
1,86	3,45960	372	3,46332	372	3,46704	373	3,47077	373	3,47450	372
1,87	3,49690	374	3,50064	374	3,50438	375	3,50813	375	3,51188	374
1,88	3,53440	376	3,53816	376	3,54192	377	3,54569	377	3,54946	376
1,89	3,57210	378	3,57588	378	3,57966	379	3,58345	379	3,58724	378
1,90	3,61000	380	3,61380	380	3,61760	381	3,62141	381	3,62522	380
1,91	3,64810	382	3,65192	382	3,65574	383	3,65957	383	3,66340	382
1,92	3,68640	384	3,69024	384	3,69408	385	3,69793	385	3,70178	384
1,93	3,72490	386	3,72876	386	3,73262	387	3,73649	387	3,74036	386
1,94	3,76360	388	3,76748	388	3,77136	389	3,77525	389	3,77914	388
1,95	3,80250	390	3,80640	390	3,81030	391	3,81421	391	3,81812	390
1,96	3,84160	392	3,84552	392	3,84944	393	3,85337	393	3,85730	392
1,97	3,88090	394	3,88484	394	3,88878	395	3,89273	395	3,89668	394
1,98	3,92040	396	3,92436	396	3,92832	397	3,93229	397	3,93626	396
1,99	3,96010	398	3,96408	398	3,96806	399	3,97205	399	3,97604	398

Błąd przybliżeń podanych na str. 66 i 67 jest nie większy niż 0,000005, a błąd przybliżenia otrzymanego przez interpolację liniową jest nie większy niż 0,00000525 + błąd zaokrąglenia wyniku.

Przykład interpolacji na str. 72.

V. Squares (x^2)

5	δ	6	δ	7	δ	8	δ	9	δ	x
2,26502	302	2,26804	301	2,27105	301	2,27406	302	2,27708	302	1,50
2,29522	304	2,29826	303	2,30129	303	2,30432	304	2,30736	304	1,51
2,32562	306	2,32868	305	2,33173	305	2,33478	306	2,33784	306	1,52
2,35622	308	2,35930	307	2,36237	307	2,36544	308	2,36852	308	1,53
2,38702	310	2,39012	309	2,39321	309	2,39630	310	2,39940	310	1,54
2,41802	312	2,42114	311	2,42425	311	2,42736	312	2,43048	312	1,55
2,44922	314	2,45236	313	2,45549	313	2,45862	314	2,46176	314	1,56
2,48062	316	2,48378	315	2,48693	315	2,49008	316	2,49324	316	1,57
2,51222	318	2,51540	317	2,51857	317	2,52174	318	2,52492	318	1,58
2,54402	320	2,54722	319	2,55041	319	2,55360	320	2,55680	320	1,59
2,57602	322	2,57924	321	2,58245	321	2,58566	322	2,58888	322	1,60
2,60822	324	2,61146	323	2,61469	323	2,61792	324	2,62116	324	1,61
2,64062	326	2,64388	325	2,64713	325	2,65038	326	2,65364	326	1,62
2,67322	328	2,67650	327	2,67977	327	2,68304	328	2,68632	328	1,63
2,70602	330	2,70932	329	2,71261	329	2,71590	330	2,71920	330	1,64
2,73902	332	2,74234	331	2,74565	331	2,74896	332	2,75228	332	1,65
2,77222	334	2,77556	333	2,77889	333	2,78222	334	2,78556	334	1,66
2,80562	336	2,80898	335	2,81233	335	2,81568	336	2,81904	336	1,67
2,83922	338	2,84260	337	2,84597	337	2,84934	338	2,85272	338	1,68
2,87302	340	2,87642	339	2,87981	339	2,88320	340	2,88660	340	1,69
2,90702	342	2,91044	341	2,91385	341	2,91726	342	2,92068	342	1,70
2,94122	344	2,94466	343	2,94809	343	2,95152	344	2,95496	344	1,71
2,97562	346	2,97908	345	2,98253	345	2,98598	346	2,98944	346	1,72
3,01022	348	3,01370	347	3,01717	347	3,02064	348	3,02412	348	1,73
3,04502	350	3,04852	349	3,05201	349	3,05550	350	3,05900	350	1,74
3,08002	352	3,08354	351	3,08705	351	3,09056	352	3,09408	352	1,75
3,11522	354	3,11876	353	3,12229	353	3,12582	354	3,12936	354	1,76
3,15062	356	3,15418	355	3,15773	355	3,16128	356	3,16484	356	1,77
3,18622	358	3,18980	357	3,19337	357	3,19694	358	3,20052	358	1,78
3,22202	360	3,22562	359	3,22921	359	3,23280	360	3,23640	360	1,79
3,25802	362	3,26164	361	3,26525	361	3,26886	362	3,27248	362	1,80
3,29422	364	3,29786	363	3,30149	363	3,30512	364	3,30876	364	1,81
3,33062	366	3,33428	365	3,33793	365	3,34158	366	3,34524	366	1,82
3,36722	368	3,37090	367	3,37457	367	3,37824	368	3,38192	368	1,83
3,40402	370	3,40772	369	3,41141	369	3,41510	370	3,41880	370	1,84
3,44102	372	3,44474	371	3,44845	371	3,45216	372	3,45588	372	1,85
3,47822	374	3,48196	373	3,48569	373	3,48942	374	3,49316	374	1,86
3,51562	376	3,51938	375	3,52313	375	3,52688	376	3,53064	376	1,87
3,55322	378	3,55700	377	3,56077	377	3,56454	378	3,56832	378	1,88
3,59102	380	3,59482	379	3,59861	379	3,60240	380	3,60620	380	1,89
3,62902	382	3,63284	381	3,63665	381	3,64046	382	3,64428	382	1,90
3,66722	384	3,67106	383	3,67489	383	3,67872	384	3,68256	384	1,91
3,70562	386	3,70948	385	3,71333	385	3,71718	386	3,72104	386	1,92
3,74422	388	3,74810	387	3,75197	387	3,75584	388	3,75972	388	1,93
3,78302	390	3,78692	389	3,79081	389	3,79470	390	3,79860	390	1,94
3,82202	392	3,82594	391	3,82985	391	3,83376	392	3,83768	392	1,95
3,86122	394	3,86516	393	3,86909	393	3,87302	394	3,87696	394	1,96
3,90062	396	3,90458	395	3,90853	395	3,91248	396	3,91644	396	1,97
3,94022	398	3,94420	397	3,94817	397	3,95214	398	3,95612	398	1,98
3,98002	400	3,98402	399	3,98801	399	3,99200	400	3,99600	400	1,99

The error of the approximations given on pp. 66 and 67 is not greater than 0,000005 and the error of an approximation obtained by linear interpolation is not greater than 0,00000525 + the error of rounding off the result.

An example of interpolation is given on p. 73.

V. Kwadraty (x^2)

x	0	δ	1	δ	2	δ	3	δ	4	δ
2,00	4,00000	400	4,00400	400	4,00800	401	4,01201	401	4,01602	400
2,01	4,04010	402	4,04412	402	4,04814	403	4,05217	403	4,05620	402
2,02	4,08040	404	4,08444	404	4,08848	405	4,09253	405	4,09658	404
2,03	4,12090	406	4,12496	406	4,12902	407	4,13309	407	4,13716	406
2,04	4,16160	408	4,16568	408	4,16976	409	4,17385	409	4,17794	408
2,05	4,20250	410	4,20660	410	4,21070	411	4,21481	411	4,21892	410
2,06	4,24360	412	4,24772	412	4,25184	413	4,25597	413	4,26010	412
2,07	4,28490	414	4,28904	414	4,29318	415	4,29733	415	4,30148	414
2,08	4,32640	416	4,33056	416	4,33472	417	4,33889	417	4,34306	416
2,09	4,36810	418	4,37228	418	4,37646	419	4,38065	419	4,38484	418
2,10	4,41000	420	4,41420	420	4,41840	421	4,42261	421	4,42682	420
2,11	4,45210	422	4,45632	422	4,46054	423	4,46477	423	4,46900	422
2,12	4,49440	424	4,49864	424	4,50288	425	4,50713	425	4,51138	424
2,13	4,53690	426	4,54116	426	4,54542	427	4,54969	427	4,55396	426
2,14	4,57960	428	4,58388	428	4,58816	429	4,59245	429	4,59674	428
2,15	4,62250	430	4,62680	430	4,63110	431	4,63541	431	4,63972	430
2,16	4,66560	432	4,66992	432	4,67424	433	4,67857	433	4,68290	432
2,17	4,70890	434	4,71324	434	4,71758	435	4,72193	435	4,72628	434
2,18	4,75240	436	4,75676	436	4,76112	437	4,76549	437	4,76986	436
2,19	4,79610	438	4,80048	438	4,80486	439	4,80925	439	4,81364	438
2,20	4,84000	440	4,84440	440	4,84880	441	4,85321	441	4,85762	440
2,21	4,88410	442	4,88852	442	4,89294	443	4,89737	443	4,90180	442
2,22	4,92840	444	4,93284	444	4,93728	445	4,94173	445	4,94618	444
2,23	4,97290	446	4,97736	446	4,98182	447	4,98629	447	4,99076	446
2,24	5,01760	448	5,02208	448	5,02656	449	5,03105	449	5,03554	448
2,25	5,06250	450	5,06700	450	5,07150	451	5,07601	451	5,08052	450
2,26	5,10760	452	5,11212	452	5,11664	453	5,12117	453	5,12570	452
2,27	5,15290	454	5,15744	454	5,16198	455	5,16653	455	5,17108	454
2,28	5,19840	456	5,20296	456	5,20752	457	5,21209	457	5,21666	456
2,29	5,24410	458	5,24868	458	5,25326	459	5,25785	459	5,26244	458
2,30	5,29000	460	5,29460	460	5,29920	461	5,30381	461	5,30842	460
2,31	5,33610	462	5,34072	462	5,34534	463	5,34997	463	5,35460	462
2,32	5,38240	464	5,38704	464	5,39168	465	5,39633	465	5,40098	464
2,33	5,42890	466	5,43356	466	5,43822	467	5,44289	467	5,44756	466
2,34	5,47560	468	5,48028	468	5,48496	469	5,48965	469	5,49434	468
2,35	5,52250	470	5,52720	470	5,53190	471	5,53661	471	5,54132	470
2,36	5,56960	472	5,57432	472	5,57904	473	5,58377	473	5,58850	472
2,37	5,61690	474	5,62164	474	5,62638	475	5,63113	475	5,63588	474
2,38	5,66440	476	5,66916	476	5,67392	477	5,67869	477	5,68346	476
2,39	5,71210	478	5,71688	478	5,72166	479	5,72645	479	5,73124	478
2,40	5,76000	480	5,76480	480	5,76960	481	5,77441	481	5,77922	480
2,41	5,80810	482	5,81292	482	5,81774	483	5,82257	483	5,82740	482
2,42	5,85640	484	5,86124	484	5,86608	485	5,87093	485	5,87578	484
2,43	5,90490	486	5,90976	486	5,91462	487	5,91949	487	5,92436	486
2,44	5,95360	488	5,95848	488	5,96336	489	5,96825	489	5,97314	488
2,45	6,00250	490	6,00740	490	6,01230	491	6,01721	491	6,02212	490
2,46	6,05160	492	6,05652	492	6,06144	493	6,06637	493	6,07130	492
2,47	6,10090	494	6,10584	494	6,11078	495	6,11573	495	6,12068	494
2,48	6,15040	496	6,15536	496	6,16032	497	6,16529	497	6,17026	496
2,49	6,20010	498	6,20508	498	6,21006	499	6,21505	499	6,22004	498

Błąd przybliżeń podanych na str. 68 i 69 jest nie większy niż 0,000005, a błąd przybliżenia otrzymanego przez interpolację liniową jest nie większy niż 0,00000525 + błąd zaokrąglenia wyniku,

Przykład interpolacji na str. 72.

V. Squares (x^2)

5	δ	6	δ	7	δ	8	δ	9	δ	x
4,02002	402	4,02404	401	4,02805	401	4,03206	402	4,03608	402	2,00
4,06022	404	4,06426	403	4,06829	403	4,07232	404	4,07636	404	2,01
4,10062	406	4,10468	405	4,10873	405	4,11278	406	4,11684	406	2,02
4,14122	408	4,14530	407	4,14937	407	4,15344	408	4,15752	408	2,03
4,18202	410	4,18612	409	4,19021	409	4,19430	410	4,19840	410	2,04
4,22302	412	4,22714	411	4,23125	411	4,23536	412	4,23948	412	2,05
4,26422	414	4,26836	413	4,27249	413	4,27662	414	4,28076	414	2,06
4,30562	416	4,30978	415	4,31393	415	4,31808	416	4,32224	416	2,07
4,34722	418	4,35140	417	4,35557	417	4,35974	418	4,36392	418	2,08
4,38902	420	4,39322	419	4,39741	419	4,40160	420	4,40580	420	2,09
4,43102	422	4,43524	421	4,43945	421	4,44366	422	4,44788	422	2,10
4,47322	424	4,47746	423	4,48169	423	4,48592	424	4,49016	424	2,11
4,51562	426	4,51988	425	4,52413	425	4,52838	426	4,53264	426	2,12
4,55822	428	4,56250	427	4,56677	427	4,57104	428	4,57532	428	2,13
4,60102	430	4,60532	429	4,60961	429	4,61390	430	4,61820	430	2,14
4,64402	432	4,64834	431	4,65265	431	4,65696	432	4,66128	432	2,15
4,68722	434	4,69156	433	4,69589	433	4,70022	434	4,70456	434	2,16
4,73062	436	4,73498	435	4,73933	435	4,74368	436	4,74804	436	2,17
4,77422	438	4,77860	437	4,78297	437	4,78734	438	4,79172	438	2,18
4,81802	440	4,82242	439	4,82681	439	4,83120	440	4,83560	440	2,19
4,86202	442	4,86644	441	4,87085	441	4,87526	442	4,87968	442	2,20
4,90622	444	4,91066	443	4,91509	443	4,91952	444	4,92396	444	2,21
4,95062	446	4,95508	445	4,95953	445	4,96398	446	4,96844	446	2,22
4,99522	448	4,99970	447	5,00417	447	5,00864	448	5,01312	448	2,23
5,04002	450	5,04452	449	5,04901	449	5,05350	450	5,05800	450	2,24
5,08502	452	5,08954	451	5,09405	451	5,09856	452	5,10308	452	2,25
5,13022	454	5,13476	453	5,13929	453	5,14382	454	5,14836	454	2,26
5,17562	456	5,18018	455	5,18473	455	5,18928	456	5,19384	456	2,27
5,22122	458	5,22580	457	5,23037	457	5,23494	458	5,23952	458	2,28
5,26702	460	5,27162	459	5,27621	459	5,28080	460	5,28540	460	2,29
5,31302	462	5,31764	461	5,32225	461	5,32686	462	5,33148	462	2,30
5,35922	464	5,36386	463	5,36849	463	5,37312	464	5,37776	464	2,31
5,40562	466	5,41028	465	5,41493	465	5,41958	466	5,42424	466	2,32
5,45222	468	5,45690	467	5,46157	467	5,46624	468	5,47092	468	2,33
5,49902	470	5,50372	469	5,50841	469	5,51310	470	5,51780	470	2,34
5,54602	472	5,55074	471	5,55545	471	5,56016	472	5,56488	472	2,35
5,59322	474	5,59796	473	5,60269	473	5,60742	474	5,61216	474	2,36
5,64062	476	5,64538	475	5,65013	475	5,65488	476	5,65964	476	2,37
5,68822	478	5,69300	477	5,69777	477	5,70254	478	5,70732	478	2,38
5,73602	480	5,74082	479	5,74561	479	5,75040	480	5,75520	480	2,39
5,78402	482	5,78884	481	5,79365	481	5,79846	482	5,80328	482	2,40
5,83222	484	5,83706	483	5,84189	483	5,84672	484	5,85156	484	2,41
5,88062	486	5,88548	485	5,89033	485	5,89518	486	5,90004	486	2,42
5,92922	488	5,93410	487	5,93897	487	5,94384	488	5,94872	488	2,43
5,97802	490	5,98292	489	5,98781	489	5,99270	490	5,99760	490	2,44
6,02702	492	6,03194	491	6,03685	491	6,04176	492	6,04668	492	2,45
6,07622	494	6,08116	493	6,08609	493	6,09102	494	6,09596	494	2,46
6,12562	496	6,13058	495	6,13553	495	6,14048	496	6,14544	496	2,47
6,17522	498	6,18020	497	6,18517	497	6,19014	498	6,19512	498	2,48
6,22502	500	6,23002	499	6,23501	499	6,24000	500	6,24500	500	2,49

x^2

The error of the approximations given on pp. 68 and 69 is not greater than 0,000005 and the error of an approximation obtained by linear interpolation is not greater than 0,00000525 + the error of rounding off the result.

An example of interpolation is given on p. 73.

V. Kwadraty (x^2)

x	0	δ	1	δ	2	δ	3	δ	4	δ
2,50	6,25000	500	6,25500	500	6,26000	501	6,26501	501	6,27002	500
2,51	6,30010	502	6,30512	502	6,31014	503	6,31517	503	6,32020	502
2,52	6,35040	504	6,35544	504	6,36048	505	6,36553	505	6,37058	504
2,53	6,40090	506	6,40596	506	6,41102	507	6,41609	507	6,42116	506
2,54	6,45160	508	6,45668	508	6,46176	509	6,46685	509	6,47194	508
2,55	6,50250	510	6,50760	510	6,51270	511	6,51781	511	6,52292	510
2,56	6,55360	512	6,55872	512	6,56384	513	6,56897	513	6,57410	512
2,57	6,60490	514	6,61004	514	6,61518	515	6,62033	515	6,62548	514
2,58	6,65640	516	6,66156	516	6,66672	517	6,67189	517	6,67706	516
2,59	6,70810	518	6,71328	518	6,71846	519	6,72365	519	6,72884	518
2,60	6,76000	520	6,76520	520	6,77040	521	6,77561	521	6,78082	520
2,61	6,81210	522	6,81732	522	6,82254	523	6,82777	523	6,83300	522
2,62	6,86440	524	6,86964	524	6,87488	525	6,88013	525	6,88538	524
2,63	6,91690	526	6,92216	526	6,92742	527	6,93269	527	6,93796	526
2,64	6,96960	528	6,97488	528	6,98016	529	6,98545	529	6,99074	528
2,65	7,02250	530	7,02780	530	7,03310	531	7,03841	531	7,04372	530
2,66	7,07560	532	7,08092	532	7,08624	533	7,09157	533	7,09690	532
2,67	7,12890	534	7,13424	534	7,13958	535	7,14493	535	7,15028	534
2,68	7,18240	536	7,18776	536	7,19312	537	7,19849	537	7,20386	536
2,69	7,23610	538	7,24148	538	7,24686	539	7,25225	539	7,25764	538
2,70	7,29000	540	7,29540	540	7,30080	541	7,30621	541	7,31162	540
2,71	7,34410	542	7,34952	542	7,35494	543	7,36037	543	7,36580	542
2,72	7,39840	544	7,40384	544	7,40928	545	7,41473	545	7,42018	544
2,73	7,45290	546	7,45836	546	7,46382	547	7,46929	547	7,47476	546
2,74	7,50760	548	7,51308	548	7,51856	549	7,52405	549	7,52954	548
2,75	7,56250	550	7,56800	550	7,57350	551	7,57901	551	7,58452	550
2,76	7,61760	552	7,62312	552	7,62864	553	7,63417	553	7,63970	552
2,77	7,67290	554	7,67844	554	7,68398	555	7,68953	555	7,69508	554
2,78	7,72840	556	7,73396	556	7,73952	557	7,74509	557	7,75066	556
2,79	7,78410	558	7,78968	558	7,79526	559	7,80085	559	7,80644	558
2,80	7,84000	560	7,84560	560	7,85120	561	7,85681	561	7,86242	560
2,81	7,89610	562	7,90172	562	7,90734	563	7,91297	563	7,91860	562
2,82	7,95240	564	7,95804	564	7,96368	565	7,96933	565	7,97498	564
2,83	8,00890	566	8,01456	566	8,02022	567	8,02589	567	8,03156	566
2,84	8,06560	568	8,07128	568	8,07696	569	8,08265	569	8,08834	568
2,85	8,12250	570	8,12820	570	8,13390	571	8,13961	571	8,14532	570
2,86	8,17960	572	8,18532	572	8,19104	573	8,19677	573	8,20250	572
2,87	8,23690	574	8,24264	574	8,24838	575	8,25413	575	8,25988	574
2,88	8,29440	576	8,30016	576	8,30592	577	8,31169	577	8,31746	576
2,89	8,35210	578	8,35788	578	8,36366	579	8,36945	579	8,37524	578
2,90	8,41000	580	8,41580	580	8,42160	581	8,42741	581	8,43322	580
2,91	8,46810	582	8,47392	582	8,47974	583	8,48557	583	8,49140	582
2,92	8,52640	584	8,53224	584	8,53808	585	8,54393	585	8,54978	584
2,93	8,58490	586	8,59076	586	8,59662	587	8,60249	587	8,60836	586
2,94	8,64360	588	8,64948	588	8,65536	589	8,66125	589	8,66714	588
2,95	8,70250	590	8,70840	590	8,71430	591	8,72021	591	8,72612	590
2,96	8,76160	592	8,76752	592	8,77344	593	8,77937	593	8,78530	592
2,97	8,82090	594	8,82684	594	8,83278	595	8,83873	595	8,84468	594
2,98	8,88040	596	8,88636	596	8,89232	597	8,89829	597	8,90426	596
2,99	8,94010	598	8,94608	598	8,95206	599	8,95805	599	8,96404	598

Błąd przybliżeń podanych na str. 70 i 71 jest nie większy niż 0,000005, a błąd przybliżenia otrzymanego przez interpolację liniową jest nie większy niż 0,00000525 + błąd zaokrąglenia wyniku.

Przykład interpolacji na str. 72.

V. Squares (x^2)

5	δ	6	δ	7	δ	8	δ	9	δ	x
6,27502	502	6,28004	501	6,28505	501	6,29006	502	6,29508	502	2,50
6,32522	504	6,33026	503	6,33529	503	6,34032	504	6,34536	504	2,51
6,37562	506	6,38068	505	6,38573	505	6,39078	506	6,39584	506	2,52
6,42622	508	6,43130	507	6,43637	507	6,44144	508	6,44652	508	2,53
6,47702	510	6,48212	509	6,48721	509	6,49230	510	6,49740	510	2,54
6,52802	512	6,53314	511	6,53825	511	6,54336	512	6,54848	512	2,55
6,57922	514	6,58436	513	6,58949	513	6,59462	514	6,59976	514	2,56
6,63062	516	6,63578	515	6,64093	515	6,64608	516	6,65124	516	2,57
6,68222	518	6,68740	517	6,69257	517	6,69774	518	6,70292	518	2,58
6,73402	520	6,73922	519	6,74441	519	6,74960	520	6,75480	520	2,59
6,78602	522	6,79124	521	6,79645	521	6,80166	522	6,80688	522	2,60
6,83822	524	6,84346	523	6,84869	523	6,85392	524	6,85916	524	2,61
6,89062	526	6,89588	525	6,90113	525	6,90638	526	6,91164	526	2,62
6,94322	528	6,94850	527	6,95377	527	6,95904	528	6,96432	528	2,63
6,99602	530	7,00132	529	7,00661	529	7,01190	530	7,01720	530	2,64
7,04902	532	7,05434	531	7,05965	531	7,06496	532	7,07028	532	2,65
7,10222	534	7,10756	533	7,11289	533	7,11822	534	7,12356	534	2,66
7,15562	536	7,16098	535	7,16633	535	7,17168	536	7,17704	536	2,67
7,20922	538	7,21460	537	7,21997	537	7,22534	538	7,23072	538	2,68
7,26302	540	7,26842	539	7,27381	539	7,27920	540	7,28460	540	2,69
7,31702	542	7,32244	541	7,32785	541	7,33326	542	7,33868	542	2,70
7,37122	544	7,37666	543	7,38209	543	7,38752	544	7,39296	544	2,71
7,42562	546	7,43108	545	7,43653	545	7,44198	546	7,44744	546	2,72
7,48022	548	7,48570	547	7,49117	547	7,49664	548	7,50212	548	2,73
7,53502	550	7,54052	549	7,54601	549	7,55150	550	7,55700	550	2,74
7,59002	552	7,59554	551	7,60105	551	7,60656	552	7,61208	552	2,75
7,64522	554	7,65076	553	7,65629	553	7,66182	554	7,66736	554	2,76
7,70062	556	7,70618	555	7,71173	555	7,71728	556	7,72284	556	2,77
7,75622	558	7,76180	557	7,76737	557	7,77294	558	7,77852	558	2,78
7,81202	560	7,81762	559	7,82321	559	7,82880	560	7,83440	560	2,79
7,86802	562	7,87364	561	7,87925	561	7,88486	562	7,89048	562	2,80
7,92422	564	7,92986	563	7,93549	563	7,94112	564	7,94676	564	2,81
7,98062	566	7,98628	565	7,99193	565	7,99758	566	8,00324	566	2,82
8,03722	568	8,04290	567	8,04857	567	8,05424	568	8,05992	568	2,83
8,09402	570	8,09972	569	8,10541	569	8,11110	570	8,11680	570	2,84
8,15102	572	8,15674	571	8,16245	571	8,16816	572	8,17388	572	2,85
8,20822	574	8,21396	573	8,21969	573	8,22542	574	8,23116	574	2,86
8,26562	576	8,27138	575	8,27713	575	8,28288	576	8,28864	576	2,87
8,32322	578	8,32900	577	8,33477	577	8,34054	578	8,34632	578	2,88
8,38102	580	8,38682	579	8,39261	579	8,39840	580	8,40420	580	2,89
8,43902	582	8,44484	581	8,45065	581	8,45646	582	8,46228	582	2,90
8,49722	584	8,50306	583	8,50889	583	8,51472	584	8,52056	584	2,91
8,55562	586	8,56148	585	8,56733	585	8,57318	586	8,57904	586	2,92
8,61422	588	8,62010	587	8,62597	587	8,63184	588	8,63772	588	2,93
8,67302	590	8,67892	589	8,68481	589	8,69070	590	8,69660	590	2,94
8,73202	592	8,73794	591	8,74385	591	8,74976	592	8,75568	592	2,95
8,79122	594	8,79716	593	8,80309	593	8,80902	594	8,81496	594	2,96
8,85062	596	8,85658	595	8,86253	595	8,86848	596	8,87444	596	2,97
8,91022	598	8,91620	597	8,92217	597	8,92814	598	8,93412	598	2,98
8,97002	600	8,97602	599	8,98201	599	8,98800	600	8,99400	600	2,99

The error of the approximations given on pp. 70 and 71 is not greater than 0,000005 and the error of an approximation obtained by linear interpolation is not greater than 0,00000525 + the error of rounding off the result.

An example of interpolation is given on p. 73.

V. Kwadraty (x^2)

x	0	δ	1	δ	2	δ	3	δ	4	δ
3,00	9,00000	600	9,00600	600	9,01200	601	9,01801	601	9,02402	600
3,01	9,06010	602	9,06612	602	9,07214	603	9,07817	603	9,08420	602
3,02	9,12040	604	9,12644	604	9,13248	605	9,13853	605	9,14458	604
3,03	9,18090	606	9,18696	606	9,19302	607	9,19909	607	9,20516	606
3,04	9,24160	608	9,24768	608	9,25376	609	9,25985	609	9,26594	608
3,05	9,30250	610	9,30860	610	9,31470	611	9,32081	611	9,32692	610
3,06	9,36360	612	9,36972	612	9,37584	613	9,38197	613	9,38810	612
3,07	9,42490	614	9,43104	614	9,43718	615	9,44333	615	9,44948	614
3,08	9,48640	616	9,49256	616	9,49872	617	9,50489	617	9,51106	616
3,09	9,54810	618	9,55428	618	9,56046	619	9,56665	619	9,57284	618
3,10	9,61000	620	9,61620	620	9,62240	621	9,62861	621	9,63482	620
3,11	9,67210	622	9,67832	622	9,68454	623	9,69077	623	9,69700	622
3,12	9,73440	624	9,74064	624	9,74688	625	9,75313	625	9,75938	624
3,13	9,79690	626	9,80316	626	9,80942	627	9,81569	627	9,82196	626
3,14	9,85960	628	9,86588	628	9,87216	629	9,87845	629	9,88474	628
3,15	9,92250	630	9,92880	630	9,93510	631	9,94141	631	9,94772	630
3,16	9,98560	632	9,99192	632	9,99824	633	10,00457	633	10,01090	632
3,17	10,04890	634	10,05524	634	10,06158	635	10,06793	635	10,07428	634
3,18	10,11240	636	10,11876	636	10,12512	637	10,13149	637	10,13786	636
3,19	10,17610	638	10,18248	638	10,18886	639	10,19525	639	10,20164	638
3,20	10,24000	640	10,24640	640	10,25280	641	10,25921	641	10,26562	640
3,21	10,30410	642	10,31052	642	10,31694	643	10,32337	643	10,32980	642
3,22	10,36840	644	10,37484	644	10,38128	645	10,38773	645	10,39418	644
3,23	10,43290	646	10,43936	646	10,44582	647	10,45229	647	10,45876	646
3,24	10,49760	648	10,50408	648	10,51056	649	10,51705	649	10,52354	648
3,25	10,56250	650	10,56900	650	10,57550	651	10,58201	651	10,58852	650
3,26	10,62760	652	10,63412	652	10,64064	653	10,64717	653	10,65370	652
3,27	10,69290	654	10,69944	654	10,70598	655	10,71253	655	10,71908	654
3,28	10,75840	656	10,76496	656	10,77152	657	10,77809	657	10,78466	656
3,29	10,82410	658	10,83068	658	10,83726	659	10,84385	659	10,85044	658
3,3	10,8900	661	10,9561	663	11,0224	665	11,0889	667	11,1556	669
3,4	11,5600	681	11,6281	683	11,6964	685	11,7649	687	11,8336	689
3,5	12,2500	701	12,3201	703	12,3904	705	12,4609	707	12,5316	709
3,6	12,9600	721	13,0321	723	13,1044	725	13,1769	727	13,2496	729
3,7	13,6900	741	13,7641	743	13,8384	745	13,9129	747	13,9876	749
3,8	14,4400	761	14,5161	763	14,5924	765	14,6689	767	14,7456	769
3,9	15,2100	781	15,2881	783	15,3664	785	15,4449	787	15,5236	789
4,0	16,0000	801	16,0801	803	16,1604	805	16,2409	807	16,3216	809
4,1	16,8100	821	16,8921	823	16,9744	825	17,0569	827	17,1396	829
4,2	17,6400	841	17,7241	843	17,8084	845	17,8929	847	17,9776	849
4,3	18,4900	861	18,5761	863	18,6624	865	18,7489	867	18,8356	869
4,4	19,3600	881	19,4481	883	19,5364	885	19,6249	887	19,7136	889
4,5	20,2500	901	20,3401	903	20,4304	905	20,5209	907	20,6116	909
4,6	21,1600	921	21,2521	923	21,3444	925	21,4369	927	21,5296	929
4,7	22,0900	941	22,1841	943	22,2784	945	22,3729	947	22,4676	949
4,8	23,0400	961	23,1361	963	23,2324	965	23,3289	967	23,4256	969
4,9	24,0100	981	24,1081	983	24,2064	985	24,3049	987	24,4036	989

Błąd przybliżeń podanych dla $3,000 \leq x < 3,300$ jest nie większy niż 0,000005, a dla $3,30 \leq x < 5,00$ jest równy zeru. Błąd przybliżenia otrzymanego przez interpolację liniową dla $3,000 < x < 3,300$ jest nie większy niż 0,00000525 + błąd zaokrąglenia wyniku, a dla $3,30 < x < 5,00$ nie większy niż 0,000025 + błąd zaokrąglenia wyniku.

P r z y k ł a d. Należy obliczyć $314,8367^2 = 3,148367^2 \cdot 10^4$. W tablicy odczytujemy dla $x = 3,148$ liczbę 9,90990 i $\delta = 630$. W tablicy poprawek odczytujemy dla $\delta = 630$ i cyfr 3, 6 i 7 liczby 189,0, 378,0 i 441,0. W takim razie $3,148367^2 \approx 9,90990 + 0,0018900 + 0,0003780 + 0,0000441 = 9,9122121$ z błędem nie większym niż 0,00000525, czyli $3,148367^2 \approx 9,91221$ z błędem mniejszym niż 0,0000074, a $314,8367^2 \approx 99122,1$ z błędem mniejszym niż 0,074. (Poprawkę do liczby 3,148² $\approx 9,90990$ można również obliczyć mnożąc $0,367 \cdot \delta = 0,367 \cdot 630 = 231,21$. Mamy wtedy $3,148367^2 \approx 9,90990 + 0,0023121 = 9,9122121$, jak poprzednio).

V. Squares (x^2)

5	δ	6	δ	7	δ	8	δ	9	δ	x
9,03002	602	9,03604	601	9,04205	601	9,04806	602	9,05408	602	3,00
9,09022	604	9,09626	603	9,10229	603	9,10832	604	9,11436	604	3,01
9,15062	606	9,15668	605	9,16273	605	9,16878	606	9,17484	606	3,02
9,21122	608	9,21730	607	9,22337	607	9,22944	608	9,23552	608	3,03
9,27202	610	9,27812	609	9,28421	609	9,29030	610	9,29640	610	3,04
9,33302	612	9,33914	611	9,34525	611	9,35136	612	9,35748	612	3,05
9,39422	614	9,40036	613	9,40649	613	9,41262	614	9,41876	614	3,06
9,45562	616	9,46178	615	9,46793	615	9,47408	616	9,48024	616	3,07
9,51722	618	9,52340	617	9,52957	617	9,53574	618	9,54192	618	3,08
9,57902	620	9,58522	619	9,59141	619	9,59760	620	9,60380	620	3,09
9,64102	622	9,64724	621	9,65345	621	9,65966	622	9,66588	622	3,10
9,70322	624	9,70946	623	9,71569	623	9,72192	624	9,72816	624	3,11
9,76562	626	9,77188	625	9,77813	625	9,78438	626	9,79064	626	3,12
9,82822	628	9,83450	627	9,84077	627	9,84704	628	9,85332	628	3,13
9,89102	630	9,89732	629	9,90361	629	9,90990	630	9,91620	630	3,14
9,95402	632	9,96034	631	9,96665	631	9,97296	632	9,97928	632	3,15
10,01722	634	10,02356	633	10,02989	633	10,03622	634	10,04256	634	3,16
10,08062	636	10,08698	635	10,09333	635	10,09968	636	10,10604	636	3,17
10,14422	638	10,15060	637	10,15697	637	10,16334	638	10,16972	638	3,18
10,20802	640	10,21442	639	10,22081	639	10,22720	640	10,23360	640	3,19
10,27202	642	10,27844	641	10,28485	641	10,29126	642	10,29768	642	3,20
10,33622	644	10,34266	643	10,34909	643	10,35552	644	10,36196	644	3,21
10,40062	646	10,40708	645	10,41353	645	10,41998	646	10,42644	646	3,22
10,46522	648	10,47170	647	10,47817	647	10,48464	648	10,49112	648	3,23
10,53002	650	10,53652	649	10,54301	649	10,54950	650	10,55600	650	3,24
10,59502	652	10,60154	651	10,60805	651	10,61456	652	10,62108	652	3,25
10,66022	654	10,66676	653	10,67329	653	10,67982	654	10,68636	654	3,26
10,72562	656	10,73218	655	10,73873	655	10,74528	656	10,75184	656	3,27
10,79122	658	10,79780	657	10,80437	657	10,81094	658	10,81752	658	3,28
10,85702	660	10,86362	659	10,87021	659	10,87680	660	10,88340	660	3,29
11,2225	671	11,2896	673	11,3569	675	11,4244	677	11,4921	679	3,3
11,9025	691	11,9716	693	12,0409	695	12,1104	697	12,1801	699	3,4
12,6025	711	12,6736	713	12,7449	715	12,8164	717	12,8881	719	3,5
13,3225	731	13,3956	733	13,4689	735	13,5424	737	13,6161	739	3,6
14,0625	751	14,1376	753	14,2129	755	14,2884	757	14,3641	759	3,7
14,8225	771	14,8996	773	14,9769	775	15,0544	777	15,1321	779	3,8
15,6025	791	15,6816	793	15,7609	795	15,8404	797	15,9201	799	3,9
16,4025	811	16,4836	813	16,5649	815	16,6464	817	16,7281	819	4,0
17,2225	831	17,3056	833	17,3889	835	17,4724	837	17,5561	839	4,1
18,0625	851	18,1476	853	18,2329	855	18,3184	857	18,4041	859	4,2
18,9225	871	19,0096	873	19,0969	875	19,1844	877	19,2721	879	4,3
19,8025	891	19,8916	893	19,9809	895	20,0704	897	20,1601	899	4,4
20,7025	911	20,7936	913	20,8849	915	20,9764	917	21,0681	919	4,5
21,6225	931	21,7156	933	21,8089	935	21,9024	937	21,9961	939	4,6
22,5625	951	22,6576	953	22,7529	955	22,8484	957	22,9441	959	4,7
23,5225	971	23,6196	973	23,7169	975	23,8144	977	23,9121	979	4,8
24,5025	991	24,6016	993	24,7009	995	24,8004	997	24,9001	999	4,9

x^2

The error of the approximations given for $3,000 \leq x < 3,300$ is not greater than 0,000005 and for $3,30 \leq x < 5,00$ it is equal to zero. The error of an approximation obtained by linear interpolation for $3,000 < x < 3,300$ is not greater than 0,00000525 + the error of rounding off the result and for $3,30 < x < 5,00$ not greater than 0,000025 + the error of rounding off the result.

Example. Calculate $314,8367^2 = 3,148367^2 \cdot 10^4$. We find in the table for $x = 3,148$ the number 9,90990 and $\delta = 630$. In the table of proportional parts we find for $\delta = 630$ and the figures 3, 6 and 7 the numbers 189,0 378,0 and 441,0. Consequently $3,148367^2 \approx 9,90990 + 0,001890 + 0,000378 + 0,0000441 = 9,9122121$ with error not greater than 0,00000525, i. e. $3,148367^2 \approx 9,91221$ with error less than 0,0000074 and $314,8367^2 \approx 99122,1$ with error less than 0,074. (The correction for the number $3,148^2 \approx 9,90990$ can also be found by multiplying $0,367 \cdot \delta = 0,367 \cdot 630 = 231,21$. We then have $3,148367^2 \approx 9,90990 + 0,0023121 = 9,9122121$ as before).

V. Kwadraty (x^2)

x	0	δ	1	δ	2	δ	3	δ	4	δ
5,00	25,0000	100	25,0100	100	25,0200	100	25,0300	100	25,0400	100
5,01	25,1001	100	25,1101	100	25,1201	101	25,1302	100	25,1402	100
5,02	25,2004	100	25,2104	101	25,2205	100	25,2305	101	25,2406	100
5,03	25,3009	101	25,3110	100	25,3210	101	25,3311	101	25,3412	100
5,04	25,4016	101	25,4117	101	25,4218	100	25,4318	101	25,4419	101
5,05	25,5025	101	25,5126	101	25,5227	101	25,5328	101	25,5429	101
5,06	25,6036	101	25,6137	101	25,6238	102	25,6340	101	25,6441	101
5,07	25,7049	101	25,7150	102	25,7252	101	25,7353	102	25,7455	101
5,08	25,8064	102	25,8166	101	25,8267	102	25,8369	102	25,8471	101
5,09	25,9081	102	25,9183	102	25,9285	101	25,9386	102	25,9488	102
5,10	26,0100	102	26,0202	102	26,0304	102	26,0406	102	26,0508	102
5,11	26,1121	102	26,1223	102	26,1325	103	26,1428	102	26,1530	102
5,12	26,2144	102	26,2246	103	26,2349	102	26,2451	103	26,2554	102
5,13	26,3169	103	26,3272	102	26,3374	103	26,3477	103	26,3580	102
5,14	26,4196	103	26,4299	103	26,4402	102	26,4504	103	26,4607	103
5,15	26,5225	103	26,5328	103	26,5431	103	26,5534	103	26,5637	103
5,16	26,6256	103	26,6359	103	26,6462	104	26,6566	103	26,6669	103
5,17	26,7289	103	26,7392	104	26,7496	103	26,7599	104	26,7703	103
5,18	26,8324	104	26,8428	103	26,8531	104	26,8635	104	26,8739	103
5,19	26,9361	104	26,9465	104	26,9569	103	26,9672	104	26,9776	104
5,20	27,0400	104	27,0504	104	27,0608	104	27,0712	104	27,0816	104
5,21	27,1441	104	27,1545	104	27,1649	105	27,1754	104	27,1858	104
5,22	27,2484	104	27,2588	105	27,2693	104	27,2797	105	27,2902	104
5,23	27,3529	105	27,3634	104	27,3738	105	27,3843	105	27,3948	104
5,24	27,4576	105	27,4681	105	27,4786	104	27,4890	105	27,4995	105
5,25	27,5625	105	27,5730	105	27,5835	105	27,5940	105	27,6045	105
5,26	27,6676	105	27,6781	105	27,6886	106	27,6992	105	27,7097	105
5,27	27,7729	105	27,7834	106	27,7940	105	27,8045	106	27,8151	105
5,28	27,8784	106	27,8890	105	27,8995	106	27,9101	106	27,9207	105
5,29	27,9841	106	27,9947	106	28,0053	105	28,0158	106	28,0264	106
5,30	28,0900	106	28,1006	106	28,1112	106	28,1218	106	28,1324	106
5,31	28,1961	106	28,2067	106	28,2173	107	28,2280	106	28,2386	106
5,32	28,3024	106	28,3130	107	28,3237	106	28,3343	107	28,3450	106
5,33	28,4089	107	28,4196	106	28,4302	107	28,4409	107	28,4516	106
5,34	28,5156	107	28,5263	107	28,5370	106	28,5476	107	28,5583	107
5,35	28,6225	107	28,6332	107	28,6439	107	28,6546	107	28,6653	107
5,36	28,7296	107	28,7403	107	28,7510	108	28,7618	107	28,7725	107
5,37	28,8369	107	28,8476	108	28,8584	107	28,8691	108	28,8799	107
5,38	28,9444	108	28,9552	107	28,9659	108	28,9767	108	28,9875	107
5,39	29,0521	108	29,0629	108	29,0737	107	29,0844	108	29,0952	108
5,40	29,1600	108	29,1708	108	29,1816	108	29,1924	108	29,2032	108
5,41	29,2681	108	29,2789	108	29,2897	109	29,3006	108	29,3114	108
5,42	29,3764	108	29,3872	109	29,3981	108	29,4089	109	29,4198	108
5,43	29,4849	109	29,4958	108	29,5066	109	29,5175	109	29,5284	108
5,44	29,5936	109	29,6045	109	29,6154	108	29,6262	109	29,6371	109
5,45	29,7025	109	29,7134	109	29,7243	109	29,7352	109	29,7461	109
5,46	29,8116	109	29,8225	109	29,8334	110	29,8444	109	29,8553	109
5,47	29,9209	109	29,9318	110	29,9428	109	29,9537	110	29,9647	109
5,48	30,0304	110	30,0414	109	30,0523	110	30,0633	110	30,0743	109
5,49	30,1401	110	30,1511	110	30,1621	109	30,1730	110	30,1840	110

Błąd przybliżeń podanych na str. 74 i 75 jest nie większy niż 0,00005, a błąd przybliżenia otrzymanego przez interpolację liniową jest mniejszy niż 0,0000503 + błąd zaokrąglenia wyniku.

Przykład interpolacji na str. 72.

V. Squares (x^2)

5	δ	6	δ	7	δ	8	δ	9	δ	x
25,0500	100	25,0600	100	25,0700	101	25,0801	100	25,0901	100	5,00
25,1502	101	25,1603	100	25,1703	100	25,1803	101	25,1904	100	5,01
25,2506	101	25,2607	100	25,2707	101	25,2808	100	25,2908	101	5,02
25,3512	101	25,3613	101	25,3714	100	25,3814	101	25,3915	101	5,03
25,4520	101	25,4621	101	25,4722	101	25,4823	101	25,4924	101	5,04
25,5530	101	25,5631	101	25,5732	102	25,5834	101	25,5935	101	5,05
25,6542	102	25,6644	101	25,6745	101	25,6846	102	25,6948	101	5,06
25,7556	102	25,7658	101	25,7759	102	25,7861	101	25,7962	102	5,07
25,8572	102	25,8674	102	25,8776	101	25,8877	102	25,8979	102	5,08
25,9590	102	25,9692	102	25,9794	102	25,9896	102	25,9998	102	5,09
26,0610	102	26,0712	102	26,0814	103	26,0917	102	26,1019	102	5,10
26,1632	103	26,1735	102	26,1837	102	26,1939	103	26,2042	102	5,11
26,2656	103	26,2759	102	26,2861	103	26,2964	102	26,3066	103	5,12
26,3682	103	26,3785	103	26,3888	102	26,3990	103	26,4093	103	5,13
26,4710	103	26,4813	103	26,4916	103	26,5019	103	26,5122	103	5,14
26,5740	103	26,5843	103	26,5946	104	26,6050	103	26,6153	103	5,15
26,6772	104	26,6876	103	26,6979	103	26,7082	104	26,7186	103	5,16
26,7806	104	26,7910	103	26,8013	104	26,8117	103	26,8220	104	5,17
26,8842	104	26,8946	104	26,9050	103	26,9153	104	26,9257	104	5,18
26,9880	104	26,9984	104	27,0088	104	27,0192	104	27,0296	104	5,19
27,0920	104	27,1024	104	27,1128	105	27,1233	104	27,1337	104	5,20
27,1962	105	27,2067	104	27,2171	104	27,2275	105	27,2380	104	5,21
27,3006	105	27,3111	104	27,3215	105	27,3320	104	27,3424	105	5,22
27,4052	105	27,4157	105	27,4262	104	27,4366	105	27,4471	105	5,23
27,5100	105	27,5205	105	27,5310	105	27,5415	105	27,5520	105	5,24
27,6150	105	27,6255	105	27,6360	106	27,6466	105	27,6571	105	5,25
27,7202	106	27,7308	105	27,7413	105	27,7518	106	27,7624	105	5,26
27,8256	106	27,8362	105	27,8467	106	27,8573	105	27,8678	106	5,27
27,9312	106	27,9418	106	27,9524	105	27,9629	106	27,9735	106	5,28
28,0370	106	28,0476	106	28,0582	106	28,0688	106	28,0794	106	5,29
28,1430	106	28,1536	106	28,1642	107	28,1749	106	28,1855	106	5,30
28,2492	107	28,2599	106	28,2705	106	28,2811	107	28,2918	106	5,31
28,3556	107	28,3663	106	28,3769	107	28,3876	106	28,3982	107	5,32
28,4622	107	28,4729	107	28,4836	106	28,4942	107	28,5049	107	5,33
28,5690	107	28,5797	107	28,5904	107	28,6011	107	28,6118	107	5,34
28,6760	107	28,6867	107	28,6974	108	28,7082	107	28,7189	107	5,35
28,7832	108	28,7940	107	28,8047	107	28,8154	108	28,8262	107	5,36
28,8906	108	28,9014	107	28,9121	108	28,9229	107	28,9336	108	5,37
28,9982	108	29,0090	108	29,0198	107	29,0305	108	29,0413	108	5,38
29,1060	108	29,1168	108	29,1276	108	29,1384	108	29,1492	108	5,39
29,2140	108	29,2248	108	29,2356	109	29,2465	108	29,2573	108	5,40
29,3222	109	29,3331	108	29,3439	108	29,3547	109	29,3656	108	5,41
29,4306	109	29,4415	108	29,4523	109	29,4632	108	29,4740	109	5,42
29,5392	109	29,5501	109	29,5610	108	29,5718	109	29,5827	109	5,43
29,6480	109	29,6589	109	29,6698	109	29,6807	109	29,6916	109	5,44
29,7570	109	29,7679	109	29,7788	110	29,7898	109	29,8007	109	5,45
29,8662	110	29,8772	109	29,8881	109	29,8990	110	29,9100	109	5,46
29,9756	110	29,9866	109	29,9975	110	30,0085	109	30,0194	110	5,47
30,0852	110	30,0962	110	30,1072	109	30,1181	110	30,1291	110	5,48
30,1950	110	30,2060	110	30,2170	110	30,2280	110	30,2390	110	5,49

x^2

The error of the approximations given on pp. 74 and 75 is not greater than 0,00005 and the error of an approximation obtained by linear interpolation is less than 0,0000503 + the error of rounding off the result.

An example of interpolation is given on p. 73.

V. Kwadraty (x^2)

x	0	δ	1	δ	2	δ	3	δ	4	δ
5,50	30,2500	110	30,2610	110	30,2720	110	30,2830	110	30,2940	110
5,51	30,3601	110	30,3711	110	30,3821	111	30,3932	110	30,4042	110
5,52	30,4704	110	30,4814	111	30,4925	110	30,5035	111	30,5146	110
5,53	30,5809	111	30,5920	110	30,6030	111	30,6141	111	30,6252	110
5,54	30,6916	111	30,7027	111	30,7138	110	30,7248	111	30,7359	111
5,55	30,8025	111	30,8136	111	30,8247	111	30,8358	111	30,8469	111
5,56	30,9136	111	30,9247	111	30,9358	112	30,9470	111	30,9581	111
5,57	31,0249	111	31,0360	112	31,0472	111	31,0583	112	31,0695	111
5,58	31,1364	112	31,1476	111	31,1587	112	31,1699	112	31,1811	111
5,59	31,2481	112	31,2593	112	31,2705	111	31,2816	112	31,2928	112
5,60	31,3600	112	31,3712	112	31,3824	112	31,3936	112	31,4048	112
5,61	31,4721	112	31,4833	112	31,4945	113	31,5058	112	31,5170	112
5,62	31,5844	112	31,5956	113	31,6069	112	31,6181	113	31,6294	112
5,63	31,6969	113	31,7082	112	31,7194	113	31,7307	113	31,7420	112
5,64	31,8096	113	31,8209	113	31,8322	112	31,8434	113	31,8547	113
5,65	31,9225	113	31,9338	113	31,9451	113	31,9564	113	31,9677	113
5,66	32,0356	113	32,0469	113	32,0582	114	32,0696	113	32,0809	113
5,67	32,1489	113	32,1602	114	32,1716	113	32,1829	114	32,1943	113
5,68	32,2624	114	32,2738	113	32,2851	114	32,2965	114	32,3079	113
5,69	32,3761	114	32,3875	114	32,3989	113	32,4102	114	32,4216	114
5,70	32,4900	114	32,5014	114	32,5128	114	32,5242	114	32,5356	114
5,71	32,6041	114	32,6155	114	32,6269	115	32,6384	114	32,6498	114
5,72	32,7184	114	32,7298	115	32,7413	114	32,7527	115	32,7642	114
5,73	32,8329	115	32,8444	114	32,8558	115	32,8673	115	32,8788	114
5,74	32,9476	115	32,9591	115	32,9706	114	32,9820	115	32,9935	115
5,75	33,0625	115	33,0740	115	33,0855	115	33,0970	115	33,1085	115
5,76	33,1776	115	33,1891	115	33,2006	116	33,2122	115	33,2237	115
5,77	33,2929	115	33,3044	116	33,3160	115	33,3275	116	33,3391	115
5,78	33,4084	116	33,4200	115	33,4315	116	33,4431	116	33,4547	115
5,79	33,5241	116	33,5357	116	33,5473	115	33,5588	116	33,5704	116
5,80	33,6400	116	33,6516	116	33,6632	116	33,6748	116	33,6864	116
5,81	33,7561	116	33,7677	116	33,7793	117	33,7910	116	33,8026	116
5,82	33,8724	116	33,8840	117	33,8957	116	33,9073	117	33,9190	116
5,83	33,9889	117	34,0006	116	34,0122	117	34,0239	117	34,0356	116
5,84	34,1056	117	34,1173	117	34,1290	116	34,1406	117	34,1523	117
5,85	34,2225	117	34,2342	117	34,2459	117	34,2576	117	34,2693	117
5,86	34,3396	117	34,3513	117	34,3630	118	34,3748	117	34,3865	117
5,87	34,4569	117	34,4686	118	34,4804	117	34,4921	118	34,5039	117
5,88	34,5744	118	34,5862	117	34,5979	118	34,6097	118	34,6215	117
5,89	34,6921	118	34,7039	118	34,7157	117	34,7274	118	34,7392	118
5,90	34,8100	118	34,8218	118	34,8336	118	34,8454	118	34,8572	118
5,91	34,9281	118	34,9399	118	34,9517	119	34,9636	118	34,9754	118
5,92	35,0464	118	35,0582	119	35,0701	118	35,0819	119	35,0938	118
5,93	35,1649	119	35,1768	118	35,1886	119	35,2005	119	35,2124	118
5,94	35,2836	119	35,2955	119	35,3074	118	35,3192	119	35,3311	119
5,95	35,4025	119	35,4144	119	35,4263	119	35,4382	119	35,4501	119
5,96	35,5216	119	35,5335	119	35,5454	120	35,5574	119	35,5693	119
5,97	35,6409	119	35,6528	120	35,6648	119	35,6767	120	35,6887	119
5,98	35,7604	120	35,7724	119	35,7843	120	35,7963	120	35,8083	119
5,99	35,8801	120	35,8921	120	35,9041	119	35,9160	120	35,9280	120

Błąd przybliżeń podanych na str. 76 i 77 jest nie większy niż 0,00005, a błąd przybliżenia otrzymanego przez interpolację liniową jest mniejszy niż 0,0000503 + błąd zaokrąglenia wyniku.

Przykład interpolacji na str. 72.

V. Squares (x^2)

5	δ	6	δ	7	δ	8	δ	9	δ	x
30,3050	110	30,3160	110	30,3270	111	30,3381	110	30,3491	110	5,50
30,4152	111	30,4263	110	30,4373	110	30,4483	111	30,4594	110	5,51
30,5256	111	30,5367	110	30,5477	111	30,5588	110	30,5698	111	5,52
30,6362	111	30,6473	111	30,6584	110	30,6694	111	30,6805	111	5,53
30,7470	111	30,7581	111	30,7692	111	30,7803	111	30,7914	111	5,54
30,8580	111	30,8691	111	30,8802	112	30,8914	111	30,9025	111	5,55
30,9692	112	30,9804	111	30,9915	111	31,0026	112	31,0138	111	5,56
31,0806	112	31,0918	111	31,1029	112	31,1141	111	31,1252	112	5,57
31,1922	112	31,2034	112	31,2146	111	31,2257	112	31,2369	112	5,58
31,3040	112	31,3152	112	31,3264	112	31,3376	112	31,3488	112	5,59
31,4160	112	31,4272	112	31,4384	113	31,4497	112	31,4609	112	5,60
31,5282	113	31,5395	112	31,5507	112	31,5619	113	31,5732	112	5,61
31,6406	113	31,6519	112	31,6631	113	31,6744	112	31,6856	113	5,62
31,7532	113	31,7645	113	31,7758	112	31,7870	113	31,7983	113	5,63
31,8660	113	31,8773	113	31,8886	113	31,8999	113	31,9112	113	5,64
31,9790	113	31,9903	113	32,0016	114	32,0130	113	32,0243	113	5,65
32,0922	114	32,1036	113	32,1149	113	32,1262	114	32,1376	113	5,66
32,2056	114	32,2170	113	32,2283	114	32,2397	113	32,2510	114	5,67
32,3192	114	32,3306	114	32,3420	113	32,3533	114	32,3647	114	5,68
32,4330	114	32,4444	114	32,4558	114	32,4672	114	32,4786	114	5,69
32,5470	114	32,5584	114	32,5698	115	32,5813	114	32,5927	114	5,70
32,6612	115	32,6727	114	32,6841	114	32,6955	115	32,7070	114	5,71
32,7756	115	32,7871	114	32,7985	115	32,8100	114	32,8214	115	5,72
32,8902	115	32,9017	115	32,9132	114	32,9246	115	32,9361	115	5,73
33,0050	115	33,0165	115	33,0280	115	33,0395	115	33,0510	115	5,74
33,1200	115	33,1315	115	33,1430	116	33,1546	115	33,1661	115	5,75
33,2352	116	33,2468	115	33,2583	115	33,2698	116	33,2814	115	5,76
33,3506	116	33,3622	115	33,3737	116	33,3853	115	33,3968	116	5,77
33,4662	116	33,4778	116	33,4894	115	33,5009	116	33,5125	116	5,78
33,5820	116	33,5936	116	33,6052	116	33,6168	116	33,6284	116	5,79
33,6980	116	33,7096	116	33,7212	117	33,7329	116	33,7445	116	5,80
33,8142	117	33,8259	116	33,8375	116	33,8491	117	33,8608	116	5,81
33,9306	117	33,9423	116	33,9539	117	33,9656	116	33,9772	117	5,82
34,0472	117	34,0589	117	34,0706	116	34,0822	117	34,0939	117	5,83
34,1640	117	34,1757	117	34,1874	117	34,1991	117	34,2108	117	5,84
34,2810	117	34,2927	117	34,3044	118	34,3162	117	34,3279	117	5,85
34,3982	118	34,4100	117	34,4217	117	34,4334	118	34,4452	117	5,86
34,5156	118	34,5274	117	34,5391	118	34,5509	117	34,5626	118	5,87
34,6332	118	34,6450	118	34,6568	117	34,6685	118	34,6803	118	5,88
34,7510	118	34,7628	118	34,7746	118	34,7864	118	34,7982	118	5,89
34,8690	118	34,8808	118	34,8926	119	34,9045	118	34,9163	118	5,90
34,9872	119	34,9991	118	35,0109	118	35,0227	119	35,0346	118	5,91
35,1056	119	35,1175	118	35,1293	119	35,1412	118	35,1530	119	5,92
35,2242	119	35,2361	119	35,2480	118	35,2598	119	35,2717	119	5,93
35,3430	119	35,3549	119	35,3668	119	35,3787	119	35,3906	119	5,94
35,4620	119	35,4739	119	35,4858	120	35,4978	119	35,5097	119	5,95
35,5812	120	35,5932	119	35,6051	119	35,6170	120	35,6290	119	5,96
35,7006	120	35,7126	119	35,7245	120	35,7365	119	35,7484	120	5,97
35,8202	120	35,8322	120	35,8442	119	35,8561	120	35,8681	120	5,98
35,9400	120	35,9520	120	35,9640	120	35,9760	120	35,9880	120	5,99

x^2

The error of the approximations given on pp. 76 and 77 is not greater than 0,00005 and the error of an approximation obtained by linear interpolation is less than 0,0000503 + the error of rounding off the result,

An example of interpolation is given on p. 73.

V. Kwadraty (x^2)

x	0	δ	1	δ	2	δ	3	δ	4	δ
6,00	36,0000	120	36,0120	120	36,0240	120	36,0360	120	36,0480	120
6,01	36,1201	120	36,1321	120	36,1441	121	36,1562	120	36,1682	120
6,02	36,2404	120	36,2524	121	36,2645	120	36,2765	121	36,2886	120
6,03	36,3609	121	36,3730	120	36,3850	121	36,3971	121	36,4092	120
6,04	36,4816	121	36,4937	121	36,5058	120	36,5178	121	36,5299	121
6,05	36,6025	121	36,6146	121	36,6267	121	36,6388	121	36,6509	121
6,06	36,7236	121	36,7357	121	36,7478	122	36,7600	121	36,7721	121
6,07	36,8449	121	36,8570	122	36,8692	121	36,8813	122	36,8935	121
6,08	36,9664	122	36,9786	121	36,9907	122	37,0029	122	37,0151	121
6,09	37,0881	122	37,1003	122	37,1125	121	37,1246	122	37,1368	122
6,10	37,2100	122	37,2222	122	37,2344	122	37,2466	122	37,2588	122
6,11	37,3321	122	37,3443	122	37,3565	123	37,3688	122	37,3810	122
6,12	37,4544	122	37,4666	123	37,4789	122	37,4911	123	37,5034	122
6,13	37,5769	123	37,5892	122	37,6014	123	37,6137	123	37,6260	122
6,14	37,6996	123	37,7119	123	37,7242	122	37,7364	123	37,7487	123
6,15	37,8225	123	37,8348	123	37,8471	123	37,8594	123	37,8717	123
6,16	37,9456	123	37,9579	123	37,9702	124	37,9826	123	37,9949	123
6,17	38,0689	123	38,0812	124	38,0936	123	38,1059	124	38,1183	123
6,18	38,1924	124	38,2048	123	38,2171	124	38,2295	124	38,2419	123
6,19	38,3161	124	38,3285	124	38,3409	123	38,3532	124	38,3656	124
6,20	38,4400	124	38,4524	124	38,4648	124	38,4772	124	38,4896	124
6,21	38,5641	124	38,5765	124	38,5889	125	38,6014	124	38,6138	124
6,22	38,6884	124	38,7008	125	38,7133	124	38,7257	125	38,7382	124
6,23	38,8129	125	38,8254	124	38,8378	125	38,8503	125	38,8628	124
6,24	38,9376	125	38,9501	125	38,9626	124	38,9750	125	38,9875	125
6,25	39,0625	125	39,0750	125	39,0875	125	39,1000	125	39,1125	125
6,26	39,1876	125	39,2001	125	39,2126	126	39,2252	125	39,2377	125
6,27	39,3129	125	39,3254	126	39,3380	125	39,3505	126	39,3631	125
6,28	39,4384	126	39,4510	125	39,4635	126	39,4761	126	39,4887	125
6,29	39,5641	126	39,5767	126	39,5893	125	39,6018	126	39,6144	126
6,30	39,6900	126	39,7026	126	39,7152	126	39,7278	126	39,7404	126
6,31	39,8161	126	39,8287	126	39,8413	127	39,8540	126	39,8666	126
6,32	39,9424	126	39,9550	127	39,9677	126	39,9803	127	39,9930	126
6,33	40,0689	127	40,0816	126	40,0942	127	40,1069	127	40,1196	126
6,34	40,1956	127	40,2083	127	40,2210	126	40,2336	127	40,2463	127
6,35	40,3225	127	40,3352	127	40,3479	127	40,3606	127	40,3733	127
6,36	40,4496	127	40,4623	127	40,4750	128	40,4878	127	40,5005	127
6,37	40,5769	127	40,5896	128	40,6024	127	40,6151	128	40,6279	127
6,38	40,7044	128	40,7172	127	40,7299	128	40,7427	128	40,7555	127
6,39	40,8321	128	40,8449	128	40,8577	127	40,8704	128	40,8832	128
6,40	40,9600	128	40,9728	128	40,9856	128	40,9984	128	41,0112	128
6,41	41,0881	128	41,1009	128	41,1137	129	41,1266	128	41,1394	128
6,42	41,2164	128	41,2292	129	41,2421	128	41,2549	129	41,2678	128
6,43	41,3449	129	41,3578	128	41,3706	129	41,3835	129	41,3964	128
6,44	41,4736	129	41,4865	129	41,4994	128	41,5122	129	41,5251	129
6,45	41,6025	129	41,6154	129	41,6283	129	41,6412	129	41,6541	129
6,46	41,7316	129	41,7445	129	41,7574	130	41,7704	129	41,7833	129
6,47	41,8609	129	41,8738	130	41,8868	129	41,8997	130	41,9127	129
6,48	41,9904	130	42,0034	129	42,0163	130	42,0293	130	42,0423	129
6,49	42,1201	130	42,1331	130	42,1461	129	42,1590	130	42,1720	130

Błąd przybliżeń podanych na str. 78 i 79 jest nie większy niż 0,00005, a błąd przybliżenia otrzymanego przez interpolację liniową jest mniejszy niż 0,0000503 + błąd zaokrąglenia wyniku.

Przykład interpolacji na str. 72.

V. Squares (x^2)

5	δ	6	δ	7	δ	8	δ	9	δ	x
36,0600	120	36,0720	120	36,0840	121	36,0961	120	36,1081	120	6,00
36,1802	121	36,1923	120	36,2043	120	36,2163	121	36,2284	120	6,01
36,3006	121	36,3127	120	36,3247	121	36,3368	120	36,3488	121	6,02
36,4212	121	36,4333	121	36,4454	120	36,4574	121	36,4695	121	6,03
36,5420	121	36,5541	121	36,5662	121	36,5783	121	36,5904	121	6,04
36,6630	121	36,6751	121	36,6872	122	36,6994	121	36,7115	121	6,05
36,7842	122	36,7964	121	36,8085	121	36,8206	122	36,8328	121	6,06
36,9056	122	36,9178	121	36,9299	122	36,9421	121	36,9542	122	6,07
37,0272	122	37,0394	122	37,0516	121	37,0637	122	37,0759	122	6,08
37,1490	122	37,1612	122	37,1734	122	37,1856	122	37,1978	122	6,09
37,2710	122	37,2832	122	37,2954	123	37,3077	122	37,3199	122	6,10
37,3932	123	37,4055	122	37,4177	122	37,4299	123	37,4422	122	6,11
37,5156	123	37,5279	122	37,5401	123	37,5524	122	37,5646	123	6,12
37,6382	123	37,6505	123	37,6628	122	37,6750	123	37,6873	123	6,13
37,7610	123	37,7733	123	37,7856	123	37,7979	123	37,8102	123	6,14
37,8840	123	37,8963	123	37,9086	124	37,9210	123	37,9333	123	6,15
38,0072	124	38,0196	123	38,0319	123	38,0442	124	38,0566	123	6,16
38,1306	124	38,1430	123	38,1553	124	38,1677	123	38,1800	124	6,17
38,2542	124	38,2666	124	38,2790	123	38,2913	124	38,3037	124	6,18
38,3780	124	38,3904	124	38,4028	124	38,4152	124	38,4276	124	6,19
38,5020	124	38,5144	124	38,5268	125	38,5393	124	38,5517	124	6,20
38,6262	125	38,6387	124	38,6511	124	38,6635	125	38,6760	124	6,21
38,7506	125	38,7631	124	38,7755	125	38,7880	124	38,8004	125	6,22
38,8752	125	38,8877	125	38,9002	124	38,9126	125	38,9251	125	6,23
39,0000	125	39,0125	125	39,0250	125	39,0375	125	39,0500	125	6,24
39,1250	125	39,1375	125	39,1500	126	39,1626	125	39,1751	125	6,25
39,2502	126	39,2628	125	39,2753	125	39,2878	126	39,3004	125	6,26
39,3756	126	39,3882	125	39,4007	126	39,4133	125	39,4258	126	6,27
39,5012	126	39,5138	126	39,5264	125	39,5389	126	39,5515	126	6,28
39,6270	126	39,6396	126	39,6522	126	39,6648	126	39,6774	126	6,29
39,7530	126	39,7656	126	39,7782	127	39,7909	126	39,8035	126	6,30
39,8792	127	39,8919	126	39,9045	126	39,9171	127	39,9298	126	6,31
40,0056	127	40,0183	126	40,0309	127	40,0436	126	40,0562	127	6,32
40,1322	127	40,1449	127	40,1576	126	40,1702	127	40,1829	127	6,33
40,2590	127	40,2717	127	40,2844	127	40,2971	127	40,3098	127	6,34
40,3860	127	40,3987	127	40,4114	128	40,4242	127	40,4369	127	6,35
40,5132	128	40,5260	127	40,5387	127	40,5514	128	40,5642	127	6,36
40,6406	128	40,6534	127	40,6661	128	40,6789	127	40,6916	128	6,37
40,7682	128	40,7810	128	40,7938	127	40,8065	128	40,8193	128	6,38
40,8960	128	40,9088	128	40,9216	128	40,9344	128	40,9472	128	6,39
41,0240	128	41,0368	128	41,0496	129	41,0625	128	41,0753	128	6,40
41,1522	129	41,1651	128	41,1779	128	41,1907	129	41,2036	128	6,41
41,2806	129	41,2935	128	41,3063	129	41,3192	128	41,3320	129	6,42
41,4092	129	41,4221	129	41,4350	128	41,4478	129	41,4607	129	6,43
41,5380	129	41,5509	129	41,5638	129	41,5767	129	41,5896	129	6,44
41,6670	129	41,6799	129	41,6928	130	41,7058	129	41,7187	129	6,45
41,7962	130	41,8092	129	41,8221	129	41,8350	130	41,8480	129	6,46
41,9256	130	41,9386	129	41,9515	130	41,9645	129	41,9774	130	6,47
42,0552	130	42,0682	130	42,0812	129	42,0941	130	42,1071	130	6,48
42,1850	130	42,1980	130	42,2110	130	42,2240	130	42,2370	130	6,49

x^2

The error of the approximations given on pp. 78 and 79 is not greater than 0,00005 and the error of an approximation obtained by linear interpolation is less than 0,0000503 + the error of rounding off the result.

An example of interpolation is given on p. 73.

V. Kwadraty (x^2)

x	0	δ	1	δ	2	δ	3	δ	4	δ
6,50	42,2500	130	42,2630	130	42,2760	130	42,2890	130	42,3020	130
6,51	42,3801	130	42,3931	130	42,4061	131	42,4192	130	42,4322	130
6,52	42,5104	130	42,5234	131	42,5365	130	42,5495	131	42,5626	130
6,53	42,6409	131	42,6540	130	42,6670	131	42,6801	131	42,6932	130
6,54	42,7716	131	42,7847	131	42,7978	130	42,8108	131	42,8239	131
6,55	42,9025	131	42,9156	131	42,9287	131	42,9418	131	42,9549	131
6,56	43,0336	131	43,0467	131	43,0598	132	43,0730	131	43,0861	131
6,57	43,1649	131	43,1780	132	43,1912	131	43,2043	132	43,2175	131
6,58	43,2964	132	43,3096	131	43,3227	132	43,3359	132	43,3491	131
6,59	43,4281	132	43,4413	132	43,4545	131	43,4676	132	43,4808	132
6,60	43,5600	132	43,5732	132	43,5864	132	43,5996	132	43,6128	132
6,61	43,6921	132	43,7053	132	43,7185	133	43,7318	132	43,7450	132
6,62	43,8244	132	43,8376	133	43,8509	132	43,8641	133	43,8774	132
6,63	43,9569	133	43,9702	132	43,9834	133	43,9967	133	44,0100	132
6,64	44,0896	133	44,1029	133	44,1162	132	44,1294	133	44,1427	133
6,65	44,2225	133	44,2358	133	44,2491	133	44,2624	133	44,2757	133
6,66	44,3556	133	44,3689	133	44,3822	134	44,3956	133	44,4089	133
6,67	44,4889	133	44,5022	134	44,5156	133	44,5289	134	44,5423	133
6,68	44,6224	134	44,6358	133	44,6491	134	44,6625	134	44,6759	133
6,69	44,7561	134	44,7695	134	44,7829	133	44,7962	134	44,8096	134
6,70	44,8900	134	44,9034	134	44,9168	134	44,9302	134	44,9436	134
6,71	45,0241	134	45,0375	134	45,0509	135	45,0644	134	45,0778	134
6,72	45,1584	134	45,1718	135	45,1853	134	45,1987	135	45,2122	134
6,73	45,2929	135	45,3064	134	45,3198	135	45,3333	135	45,3468	134
6,74	45,4276	135	45,4411	135	45,4546	134	45,4680	135	45,4815	135
6,75	45,5625	135	45,5760	135	45,5895	135	45,6030	135	45,6165	135
6,76	45,6976	135	45,7111	135	45,7246	136	45,7382	135	45,7517	135
6,77	45,8329	135	45,8464	136	45,8600	135	45,8735	136	45,8871	135
6,78	45,9684	136	45,9820	135	45,9955	136	46,0091	136	46,0227	135
6,79	46,1041	136	46,1177	136	46,1313	135	46,1448	136	46,1584	136
6,80	46,2400	136	46,2536	136	46,2672	136	46,2808	136	46,2944	136
6,81	46,3761	136	46,3897	136	46,4033	137	46,4170	136	46,4306	136
6,82	46,5124	136	46,5260	137	46,5397	136	46,5533	137	46,5670	136
6,83	46,6489	137	46,6626	136	46,6762	137	46,6899	137	46,7036	136
6,84	46,7856	137	46,7993	137	46,8130	136	46,8266	137	46,8403	137
6,85	46,9225	137	46,9362	137	46,9499	137	46,9636	137	46,9773	137
6,86	47,0596	137	47,0733	137	47,0870	138	47,1008	137	47,1145	137
6,87	47,1969	137	47,2106	138	47,2244	137	47,2381	138	47,2519	137
6,88	47,3344	138	47,3482	137	47,3619	138	47,3757	138	47,3895	137
6,89	47,4721	138	47,4859	138	47,4997	137	47,5134	138	47,5272	138
6,90	47,6100	138	47,6238	138	47,6376	138	47,6514	138	47,6652	138
6,91	47,7481	138	47,7619	138	47,7757	139	47,7896	138	47,8034	138
6,92	47,8864	138	47,9002	139	47,9141	138	47,9279	139	47,9418	138
6,93	48,0249	139	48,0388	138	48,0526	139	48,0665	139	48,0804	138
6,94	48,1636	139	48,1775	139	48,1914	138	48,2052	139	48,2191	139
6,95	48,3025	139	48,3164	139	48,3303	139	48,3442	139	48,3581	139
6,96	48,4416	139	48,4555	139	48,4694	140	48,4834	139	48,4973	139
6,97	48,5809	139	48,5948	140	48,6088	139	48,6227	140	48,6367	139
6,98	48,7204	140	48,7344	139	48,7483	140	48,7623	140	48,7763	139
6,99	48,8601	140	48,8741	140	48,8881	139	48,9020	140	48,9160	140

Błąd przybliżeń podanych na str. 80 i 81 jest nie większy niż 0,00005, a błąd przybliżenia otrzymanego przez interpolację liniową jest mniejszy niż 0,0000503 + błąd zaokrąglenia wyniku.

Przykład interpolacji na str. 72.

V. Squares (x^2)

5	δ	6	δ	7	δ	8	δ	9	δ	x
42,3150	130	42,3280	130	42,3410	131	42,3541	130	42,3671	130	6,50
42,4452	131	42,4583	130	42,4713	130	42,4843	131	42,4974	130	6,51
42,5756	131	42,5887	130	42,6017	131	42,6148	130	42,6278	131	6,52
42,7062	131	42,7193	131	42,7324	130	42,7454	131	42,7585	131	6,53
42,8370	131	42,8501	131	42,8632	131	42,8763	131	42,8894	131	6,54
42,9680	131	42,9811	131	42,9942	132	43,0074	131	43,0205	131	6,55
43,0992	132	43,1124	131	43,1255	131	43,1386	132	43,1518	131	6,56
43,2306	132	43,2438	131	43,2569	132	43,2701	131	43,2832	132	6,57
43,3622	132	43,3754	132	43,3886	131	43,4017	132	43,4149	132	6,58
43,4940	132	43,5072	132	43,5204	132	43,5336	132	43,5468	132	6,59
43,6260	132	43,6392	132	43,6524	133	43,6657	132	43,6789	132	6,60
43,7582	133	43,7715	132	43,7847	132	43,7979	133	43,8112	132	6,61
43,8906	133	43,9039	132	43,9171	133	43,9304	132	43,9436	133	6,62
44,0232	133	44,0365	133	44,0498	132	44,0630	133	44,0763	133	6,63
44,1560	133	44,1693	133	44,1826	133	44,1959	133	44,2092	133	6,64
44,2890	133	44,3023	133	44,3156	134	44,3290	133	44,3423	133	6,65
44,4222	134	44,4356	133	44,4489	133	44,4622	134	44,4756	133	6,66
44,5556	134	44,5690	133	44,5823	134	44,5957	133	44,6090	134	6,67
44,6892	134	44,7026	134	44,7160	133	44,7293	134	44,7427	134	6,68
44,8230	134	44,8364	134	44,8498	134	44,8632	134	44,8766	134	6,69
44,9570	134	44,9704	134	44,9838	135	44,9973	134	45,0107	134	6,70
45,0912	135	45,1047	134	45,1181	134	45,1315	135	45,1450	134	6,71
45,2256	135	45,2391	134	45,2525	135	45,2660	134	45,2794	135	6,72
45,3602	135	45,3737	135	45,3872	134	45,4006	135	45,4141	135	6,73
45,4950	135	45,5085	135	45,5220	135	45,5355	135	45,5490	135	6,74
45,6300	135	45,6435	135	45,6570	136	45,6706	135	45,6841	135	6,75
45,7652	136	45,7788	135	45,7923	135	45,8058	136	45,8194	135	6,76
45,9006	136	45,9142	135	45,9277	136	45,9413	135	45,9548	136	6,77
46,0362	136	46,0498	136	46,0634	135	46,0769	136	46,0905	136	6,78
46,1720	136	46,1856	136	46,1992	136	46,2128	136	46,2264	136	6,79
46,3080	136	46,3216	136	46,3352	137	46,3489	136	46,3625	136	6,80
46,4442	137	46,4579	136	46,4715	136	46,4851	137	46,4988	136	6,81
46,5806	137	46,5943	136	46,6079	137	46,6216	136	46,6352	137	6,82
46,7172	137	46,7309	137	46,7446	136	46,7582	137	46,7719	137	6,83
46,8540	137	46,8677	137	46,8814	137	46,8951	137	46,9088	137	6,84
46,9910	137	47,0047	137	47,0184	138	47,0322	137	47,0459	137	6,85
47,1282	138	47,1420	137	47,1557	137	47,1694	138	47,1832	137	6,86
47,2656	138	47,2794	137	47,2931	138	47,3069	137	47,3206	138	6,87
47,4032	138	47,4170	138	47,4308	137	47,4445	138	47,4583	138	6,88
47,5410	138	47,5548	138	47,5686	138	47,5824	138	47,5962	138	6,89
47,6790	138	47,6928	138	47,7066	139	47,7205	138	47,7343	138	6,90
47,8172	139	47,8311	138	47,8449	138	47,8587	139	47,8726	138	6,91
47,9556	139	47,9695	138	47,9833	139	47,9972	138	48,0110	139	6,92
48,0942	139	48,1081	139	48,1220	138	48,1358	139	48,1497	139	6,93
48,2330	139	48,2469	139	48,2608	139	48,2747	139	48,2886	139	6,94
48,3720	139	48,3859	139	48,3998	140	48,4138	139	48,4277	139	6,95
48,5112	140	48,5252	139	48,5391	139	48,5530	140	48,5670	139	6,96
48,6506	140	48,6646	139	48,6785	140	48,6925	139	48,7064	140	6,97
48,7902	140	48,8042	140	48,8182	139	48,8321	140	48,8461	140	6,98
48,9300	140	48,9440	140	48,9580	140	48,9720	140	48,9860	140	6,99

x^2

The error of the approximations given on pp. 80 and 81 is not greater than 0,00005 and the error of an approximation obtained by linear interpolation is less than 0,0000503 + the error of rounding off the result.

An example of interpolation is given on p. 73.

V. Kwadraty (x^2)

x	0	δ	1	δ	2	δ	3	δ	4	δ
7,00	49,0000	140	49,0140	140	49,0280	140	49,0420	140	49,0560	140
7,01	49,1401	140	49,1541	140	49,1681	141	49,1822	140	49,1962	140
7,02	49,2804	140	49,2944	141	49,3085	140	49,3225	141	49,3366	140
7,03	49,4209	141	49,4350	140	49,4490	141	49,4631	141	49,4772	140
7,04	49,5616	141	49,5757	141	49,5898	140	49,6038	141	49,6179	141
7,05	49,7025	141	49,7166	141	49,7307	141	49,7448	141	49,7589	141
7,06	49,8436	141	49,8577	141	49,8718	142	49,8860	141	49,9001	141
7,07	49,9849	141	49,9990	142	50,0132	141	50,0273	142	50,0415	141
7,08	50,1264	142	50,1406	141	50,1547	142	50,1689	142	50,1831	141
7,09	50,2681	142	50,2823	142	50,2965	141	50,3106	142	50,3248	142
7,10	50,4100	142	50,4242	142	50,4384	142	50,4526	142	50,4668	142
7,11	50,5521	142	50,5663	142	50,5805	143	50,5948	142	50,6090	142
7,12	50,6944	142	50,7086	143	50,7229	142	50,7371	143	50,7514	142
7,13	50,8369	143	50,8512	142	50,8654	143	50,8797	143	50,8940	142
7,14	50,9796	143	50,9939	143	51,0082	142	51,0224	143	51,0367	143
7,15	51,1225	143	51,1368	143	51,1511	143	51,1654	143	51,1797	143
7,16	51,2656	143	51,2799	143	51,2942	144	51,3086	143	51,3229	143
7,17	51,4089	143	51,4232	144	51,4376	143	51,4519	144	51,4663	143
7,18	51,5524	144	51,5668	143	51,5811	144	51,5955	144	51,6099	143
7,19	51,6961	144	51,7105	144	51,7249	143	51,7392	144	51,7536	144
7,20	51,8400	144	51,8544	144	51,8688	144	51,8832	144	51,8976	144
7,21	51,9841	144	51,9985	144	52,0129	145	52,0274	144	52,0418	144
7,22	52,1284	144	52,1428	145	52,1573	144	52,1717	145	52,1862	144
7,23	52,2729	145	52,2874	144	52,3018	145	52,3163	145	52,3308	144
7,24	52,4176	145	52,4321	145	52,4466	144	52,4610	145	52,4755	145
7,25	52,5625	145	52,5770	145	52,5915	145	52,6060	145	52,6205	145
7,26	52,7076	145	52,7221	145	52,7366	146	52,7512	145	52,7657	145
7,27	52,8529	145	52,8674	146	52,8820	145	52,8965	146	52,9111	145
7,28	52,9984	146	53,0130	145	53,0275	146	53,0421	146	53,0567	145
7,29	53,1441	146	53,1587	146	53,1733	145	53,1878	146	53,2024	146
7,30	53,2900	146	53,3046	146	53,3192	146	53,3338	146	53,3484	146
7,31	53,4361	146	53,4507	146	53,4653	147	53,4800	146	53,4946	146
7,32	53,5824	146	53,5970	147	53,6117	146	53,6263	147	53,6410	146
7,33	53,7289	147	53,7436	146	53,7582	147	53,7729	147	53,7876	146
7,34	53,8756	147	53,8903	147	53,9050	146	53,9196	147	53,9343	147
7,35	54,0225	147	54,0372	147	54,0519	147	54,0666	147	54,0813	147
7,36	54,1696	147	54,1843	147	54,1990	148	54,2138	147	54,2285	147
7,37	54,3169	147	54,3316	148	54,3464	147	54,3611	148	54,3759	147
7,38	54,4644	148	54,4792	147	54,4939	148	54,5087	148	54,5235	147
7,39	54,6121	148	54,6269	148	54,6417	147	54,6564	148	54,6712	148
7,40	54,7600	148	54,7748	148	54,7896	148	54,8044	148	54,8192	148
7,41	54,9081	148	54,9229	148	54,9377	149	54,9526	148	54,9674	148
7,42	55,0564	148	55,0712	149	55,0861	148	55,1009	149	55,1158	148
7,43	55,2049	149	55,2198	148	55,2346	149	55,2495	149	55,2644	148
7,44	55,3536	149	55,3685	149	55,3834	148	55,3982	149	55,4131	149
7,45	55,5025	149	55,5174	149	55,5323	149	55,5472	149	55,5621	149
7,46	55,6516	149	55,6665	149	55,6814	150	55,6964	149	55,7113	149
7,47	55,8009	149	55,8158	150	55,8308	149	55,8457	150	55,8607	149
7,48	55,9504	150	55,9654	149	55,9803	150	55,9953	150	56,0103	149
7,49	56,1001	150	56,1151	150	56,1301	149	56,1450	150	56,1600	150

Błąd przybliżeń podanych na str. 82 i 83 jest nie większy niż 0,00005, a błąd przybliżenia otrzymanego przez interpolację liniową jest mniejszy niż 0,0000503 + błąd zaokrąglenia wyniku.

Przykład interpolacji na str. 72.

V. Squares (x^2)

5	δ	6	δ	7	δ	8	δ	9	δ	x
49,0700	140	49,0840	140	49,0980	141	49,1121	140	49,1261	140	7,00
49,2102	141	49,2243	140	49,2383	140	49,2523	141	49,2664	140	7,01
49,3506	141	49,3647	140	49,3787	141	49,3928	140	49,4068	141	7,02
49,4912	141	49,5053	141	49,5194	140	49,5334	141	49,5475	141	7,03
49,6320	141	49,6461	141	49,6602	141	49,6743	141	49,6884	141	7,04
49,7730	141	49,7871	141	49,8012	142	49,8154	141	49,8295	141	7,05
49,9142	142	49,9284	141	49,9425	141	49,9566	142	49,9708	141	7,06
50,0556	142	50,0698	141	50,0839	142	50,0981	141	50,1122	142	7,07
50,1972	142	50,2114	142	50,2256	141	50,2397	142	50,2539	142	7,08
50,3390	142	50,3532	142	50,3674	142	50,3816	142	50,3958	142	7,09
50,4810	142	50,4952	142	50,5094	143	50,5237	142	50,5379	142	7,10
50,6232	143	50,6375	142	50,6517	142	50,6659	143	50,6802	142	7,11
50,7656	143	50,7799	142	50,7941	143	50,8084	142	50,8226	143	7,12
50,9082	143	50,9225	143	50,9368	142	50,9510	143	50,9653	143	7,13
51,0510	143	51,0653	143	51,0796	143	51,0939	143	51,1082	143	7,14
51,1940	143	51,2083	143	51,2226	144	51,2370	143	51,2513	143	7,15
51,3372	144	51,3516	143	51,3659	143	51,3802	144	51,3946	143	7,16
51,4806	144	51,4950	143	51,5093	144	51,5237	143	51,5380	144	7,17
51,6242	144	51,6386	144	51,6530	143	51,6673	144	51,6817	144	7,18
51,7680	144	51,7824	144	51,7968	144	51,8112	144	51,8256	144	7,19
51,9120	144	51,9264	144	51,9408	145	51,9553	144	51,9697	144	7,20
52,0562	145	52,0707	144	52,0851	144	52,0995	145	52,1140	144	7,21
52,2006	145	52,2151	144	52,2295	145	52,2440	144	52,2584	145	7,22
52,3452	145	52,3597	145	52,3742	144	52,3886	145	52,4031	145	7,23
52,4900	145	52,5045	145	52,5190	145	52,5335	145	52,5480	145	7,24
52,6350	145	52,6495	145	52,6640	146	52,6786	145	52,6931	145	7,25
52,7802	146	52,7948	145	52,8093	145	52,8238	146	52,8384	145	7,26
52,9256	146	52,9402	145	52,9547	146	52,9693	145	52,9838	146	7,27
53,0712	146	53,0858	146	53,1004	145	53,1149	146	53,1295	146	7,28
53,2170	146	53,2316	146	53,2462	146	53,2608	146	53,2754	146	7,29
53,3630	146	53,3776	146	53,3922	147	53,4069	146	53,4215	146	7,30
53,5092	147	53,5239	146	53,5385	146	53,5531	147	53,5678	146	7,31
53,6556	147	53,6703	146	53,6849	147	53,6996	146	53,7142	147	7,32
53,8022	147	53,8169	147	53,8316	146	53,8462	147	53,8609	147	7,33
53,9490	147	53,9637	147	53,9784	147	53,9931	147	54,0078	147	7,34
54,0960	147	54,1107	147	54,1254	148	54,1402	147	54,1549	147	7,35
54,2432	148	54,2580	147	54,2727	147	54,2874	148	54,3022	147	7,36
54,3906	148	54,4054	147	54,4201	148	54,4349	147	54,4496	148	7,37
54,5382	148	54,5530	148	54,5678	147	54,5825	148	54,5973	148	7,38
54,6860	148	54,7008	148	54,7156	148	54,7304	148	54,7452	148	7,39
54,8340	148	54,8488	148	54,8636	149	54,8785	148	54,8933	148	7,40
54,9822	149	54,9971	148	55,0119	148	55,0267	149	55,0416	148	7,41
55,1306	149	55,1455	148	55,1603	149	55,1752	148	55,1900	149	7,42
55,2792	149	55,2941	149	55,3090	148	55,3238	149	55,3387	149	7,43
55,4280	149	55,4429	149	55,4578	149	55,4727	149	55,4876	149	7,44
55,5770	149	55,5919	149	55,6068	150	55,6218	149	55,6367	149	7,45
55,7262	150	55,7412	149	55,7561	149	55,7710	150	55,7860	149	7,46
55,8756	150	55,8906	149	55,9055	150	55,9205	149	55,9354	150	7,47
56,0252	150	56,0402	150	56,0552	149	56,0701	150	56,0851	150	7,48
56,1750	150	56,1900	150	56,2050	150	56,2200	150	56,2350	150	7,49

The error of the approximations given on pp. 82 and 83 is not greater than 0,00005 and the error of an approximation obtained by linear interpolation is less than 0,0000503 + the error of rounding off the result.

An example of interpolation is given on p. 73.

V. Kwadraty (x^2)

x	0	δ	1	δ	2	δ	3	δ	4	δ
7,50	56,2500	150	56,2650	150	56,2800	150	56,2950	150	56,3100	150
7,51	56,4001	150	56,4151	150	56,4301	151	56,4452	150	56,4602	150
7,52	56,5504	150	56,5654	151	56,5805	150	56,5955	151	56,6106	150
7,53	56,7009	151	56,7160	150	56,7310	151	56,7461	151	56,7612	150
7,54	56,8516	151	56,8667	151	56,8818	150	56,8968	151	56,9119	151
7,55	57,0025	151	57,0176	151	57,0327	151	57,0478	151	57,0629	151
7,56	57,1536	151	57,1687	151	57,1838	152	57,1990	151	57,2141	151
7,57	57,3049	151	57,3200	152	57,3352	151	57,3503	152	57,3655	151
7,58	57,4564	152	57,4716	151	57,4867	152	57,5019	152	57,5171	151
7,59	57,6081	152	57,6233	152	57,6385	151	57,6536	152	57,6688	152
7,60	57,7600	152	57,7752	152	57,7904	152	57,8056	152	57,8208	152
7,61	57,9121	152	57,9273	152	57,9425	153	57,9578	152	57,9730	152
7,62	58,0644	152	58,0796	153	58,0949	152	58,1101	153	58,1254	152
7,63	58,2169	153	58,2322	152	58,2474	153	58,2627	153	58,2780	152
7,64	58,3696	153	58,3849	153	58,4002	152	58,4154	153	58,4307	153
7,65	58,5225	153	58,5378	153	58,5531	153	58,5684	153	58,5837	153
7,66	58,6756	153	58,6909	153	58,7062	154	58,7216	153	58,7369	153
7,67	58,8289	153	58,8442	154	58,8596	153	58,8749	154	58,8903	153
7,68	58,9824	154	58,9978	153	59,0131	154	59,0285	154	59,0439	153
7,69	59,1361	154	59,1515	154	59,1669	153	59,1822	154	59,1976	154
7,70	59,2900	154	59,3054	154	59,3208	154	59,3362	154	59,3516	154
7,71	59,4441	154	59,4595	154	59,4749	155	59,4904	154	59,5058	154
7,72	59,5984	154	59,6138	155	59,6293	154	59,6447	155	59,6602	154
7,73	59,7529	155	59,7684	154	59,7838	155	59,7993	155	59,8148	154
7,74	59,9076	155	59,9231	155	59,9386	154	59,9540	155	59,9695	155
7,75	60,0625	155	60,0780	155	60,0935	155	60,1090	155	60,1245	155
7,76	60,2176	155	60,2331	155	60,2486	156	60,2642	155	60,2797	155
7,77	60,3729	155	60,3884	156	60,4040	155	60,4195	156	60,4351	155
7,78	60,5284	156	60,5440	155	60,5595	156	60,5751	156	60,5907	155
7,79	60,6841	156	60,6997	156	60,7153	155	60,7308	156	60,7464	156
7,80	60,8400	156	60,8556	156	60,8712	156	60,8868	156	60,9024	156
7,81	60,9961	156	61,0117	156	61,0273	157	61,0430	156	61,0586	156
7,82	61,1524	156	61,1680	157	61,1837	156	61,1993	157	61,2150	156
7,83	61,3089	157	61,3246	156	61,3402	157	61,3559	157	61,3716	156
7,84	61,4656	157	61,4813	157	61,4970	156	61,5126	157	61,5283	157
7,85	61,6225	157	61,6382	157	61,6539	157	61,6696	157	61,6853	157
7,86	61,7796	157	61,7953	157	61,8110	158	61,8268	157	61,8425	157
7,87	61,9369	157	61,9526	158	61,9684	157	61,9841	158	61,9999	157
7,88	62,0944	158	62,1102	157	62,1259	158	62,1417	158	62,1575	157
7,89	62,2521	158	62,2679	158	62,2837	157	62,2994	158	62,3152	158
7,90	62,4100	158	62,4258	158	62,4416	158	62,4574	158	62,4732	158
7,91	62,5681	158	62,5839	158	62,5997	159	62,6156	158	62,6314	158
7,92	62,7264	158	62,7422	159	62,7581	158	62,7739	159	62,7898	158
7,93	62,8849	159	62,9008	158	62,9166	159	62,9325	159	62,9484	158
7,94	63,0436	159	63,0595	159	63,0754	158	63,0912	159	63,1071	159
7,95	63,2025	159	63,2184	159	63,2343	159	63,2502	159	63,2661	159
7,96	63,3616	159	63,3775	159	63,3934	160	63,4094	159	63,4253	159
7,97	63,5209	159	63,5368	160	63,5528	159	63,5687	160	63,5847	159
7,98	63,6804	160	63,6964	159	63,7123	160	63,7283	160	63,7443	159
7,99	63,8401	160	63,8561	160	63,8721	159	63,8880	160	63,9040	160

Błąd przybliżeń podanych na str. 84 i 85 jest nie większy niż 0,00005, a błąd przybliżenia otrzymanego przez interpolację liniową jest mniejszy niż 0,0000503 + błąd zaokrąglenia wyniku.

Przykład interpolacji na str. 72.

V. Squares (x^2)

5	δ	6	δ	7	δ	8	δ	9	δ	x
56,3250	150	56,3400	150	56,3550	151	56,3701	150	56,3851	150	7,50
56,4752	151	56,4903	150	56,5053	150	56,5203	151	56,5354	150	7,51
56,6256	151	56,6407	150	56,6557	151	56,6708	150	56,6858	151	7,52
56,7762	151	56,7913	151	56,8064	150	56,8214	151	56,8365	151	7,53
56,9270	151	56,9421	151	56,9572	151	56,9723	151	56,9874	151	7,54
57,0780	151	57,0931	151	57,1082	152	57,1234	151	57,1385	151	7,55
57,2292	152	57,2444	151	57,2595	151	57,2746	152	57,2898	151	7,56
57,3806	152	57,3958	151	57,4109	152	57,4261	151	57,4412	152	7,57
57,5322	152	57,5474	152	57,5626	151	57,5777	152	57,5929	152	7,58
57,6840	152	57,6992	152	57,7144	152	57,7296	152	57,7448	152	7,59
57,8360	152	57,8512	152	57,8664	153	57,8817	152	57,8969	152	7,60
57,9882	153	58,0035	152	58,0187	152	58,0339	153	58,0492	152	7,61
58,1406	153	58,1559	152	58,1711	153	58,1864	152	58,2016	153	7,62
58,2932	153	58,3085	153	58,3238	152	58,3390	153	58,3543	153	7,63
58,4460	153	58,4613	153	58,4766	153	58,4919	153	58,5072	153	7,64
58,5990	153	58,6143	153	58,6296	154	58,6450	153	58,6603	153	7,65
58,7522	154	58,7676	153	58,7829	153	58,7982	154	58,8136	153	7,66
58,9056	154	58,9210	153	58,9363	154	58,9517	153	58,9670	154	7,67
59,0592	154	59,0746	154	59,0900	153	59,1053	154	59,1207	154	7,68
59,2130	154	59,2284	154	59,2438	154	59,2592	154	59,2746	154	7,69
59,3670	154	59,3824	154	59,3978	155	59,4133	154	59,4287	154	7,70
59,5212	155	59,5367	154	59,5521	154	59,5675	155	59,5830	154	7,71
59,6756	155	59,6911	154	59,7065	155	59,7220	154	59,7374	155	7,72
59,8302	155	59,8457	155	59,8612	154	59,8766	155	59,8921	155	7,73
59,9850	155	60,0005	155	60,0160	155	60,0315	155	60,0470	155	7,74
60,1400	155	60,1555	155	60,1710	156	60,1866	155	60,2021	155	7,75
60,2952	156	60,3108	155	60,3263	155	60,3418	156	60,3574	155	7,76
60,4506	156	60,4662	155	60,4817	156	60,4973	155	60,5128	156	7,77
60,6062	156	60,6218	156	60,6374	155	60,6529	156	60,6685	156	7,78
60,7620	156	60,7776	156	60,7932	156	60,8088	156	60,8244	156	7,79
60,9180	156	60,9336	156	60,9492	157	60,9649	156	60,9805	156	7,80
61,0742	157	61,0899	156	61,1055	156	61,1211	157	61,1368	156	7,81
61,2306	157	61,2463	156	61,2619	157	61,2776	156	61,2932	157	7,82
61,3872	157	61,4029	157	61,4186	156	61,4342	157	61,4499	157	7,83
61,5440	157	61,5597	157	61,5754	157	61,5911	157	61,6068	157	7,84
61,7010	157	61,7167	157	61,7324	158	61,7482	157	61,7639	157	7,85
61,8582	158	61,8740	157	61,8897	157	61,9054	158	61,9212	157	7,86
62,0156	158	62,0314	157	62,0471	158	62,0629	157	62,0786	158	7,87
62,1732	158	62,1890	158	62,2048	157	62,2205	158	62,2363	158	7,88
62,3310	158	62,3468	158	62,3626	158	62,3784	158	62,3942	158	7,89
62,4890	158	62,5048	158	62,5206	159	62,5365	158	62,5523	158	7,90
62,6472	159	62,6631	158	62,6789	158	62,6947	159	62,7106	158	7,91
62,8056	159	62,8215	158	62,8373	159	62,8532	158	62,8690	159	7,92
62,9642	159	62,9801	159	62,9960	158	63,0118	159	63,0277	159	7,93
63,1230	159	63,1389	159	63,1548	159	63,1707	159	63,1866	159	7,94
63,2820	159	63,2979	159	63,3138	160	63,3298	159	63,3457	159	7,95
63,4412	160	63,4572	159	63,4731	159	63,4890	160	63,5050	159	7,96
63,6006	160	63,6166	159	63,6325	160	63,6485	159	63,6644	160	7,97
63,7602	160	63,7762	160	63,7922	159	63,8081	160	63,8241	160	7,98
63,9200	160	63,9360	160	63,9520	160	63,9680	160	63,9840	160	7,99

x^2

The error of the approximations given on pp. 84 and 85 is not greater than 0,00005 and the error of an approximation obtained by linear interpolation is less than 0,0000503 + the error of rounding off the result.

An example of interpolation is given on p. 73.

V. Kwadraty (x^2)

x	0	δ	1	δ	2	δ	3	δ	4	δ
8,00	64,0000	160	64,0160	160	64,0320	160	64,0480	160	64,0640	160
8,01	64,1601	160	64,1761	160	64,1921	161	64,2082	160	64,2242	160
8,02	64,3204	160	64,3364	161	64,3525	160	64,3685	161	64,3846	160
8,03	64,4809	161	64,4970	160	64,5130	161	64,5291	161	64,5452	160
8,04	64,6416	161	64,6577	161	64,6738	160	64,6898	161	64,7059	161
8,05	64,8025	161	64,8186	161	64,8347	161	64,8508	161	64,8669	161
8,06	64,9636	161	64,9797	161	64,9958	162	65,0120	161	65,0281	161
8,07	65,1249	161	65,1410	162	65,1572	161	65,1733	162	65,1895	161
8,08	65,2864	162	65,3026	161	65,3187	162	65,3349	162	65,3511	161
8,09	65,4481	162	65,4643	162	65,4805	161	65,4966	162	65,5128	162
8,10	65,6100	162	65,6262	162	65,6424	162	65,6586	162	65,6748	162
8,11	65,7721	162	65,7883	162	65,8045	163	65,8208	162	65,8370	162
8,12	65,9344	162	65,9506	163	65,9669	162	65,9831	163	65,9994	162
8,13	66,0969	163	66,1132	162	66,1294	163	66,1457	163	66,1620	162
8,14	66,2596	163	66,2759	163	66,2922	162	66,3084	163	66,3247	163
8,15	66,4225	163	66,4388	163	66,4551	163	66,4714	163	66,4877	163
8,16	66,5856	163	66,6019	163	66,6182	164	66,6346	163	66,6509	163
8,17	66,7489	163	66,7652	164	66,7816	163	66,7979	164	66,8143	163
8,18	66,9124	164	66,9288	163	66,9451	164	66,9615	164	66,9779	163
8,19	67,0761	164	67,0925	164	67,1089	163	67,1252	164	67,1416	164
8,20	67,2400	164	67,2564	164	67,2728	164	67,2892	164	67,3056	164
8,21	67,4041	164	67,4205	164	67,4369	165	67,4534	164	67,4698	164
8,22	67,5684	164	67,5848	165	67,6013	164	67,6177	165	67,6342	164
8,23	67,7329	165	67,7494	164	67,7658	165	67,7823	165	67,7988	164
8,24	67,8976	165	67,9141	165	67,9306	164	67,9470	165	67,9635	165
8,25	68,0625	165	68,0790	165	68,0955	165	68,1120	165	68,1285	165
8,26	68,2276	165	68,2441	165	68,2606	166	68,2772	165	68,2937	165
8,27	68,3929	165	68,4094	166	68,4260	165	68,4425	166	68,4591	165
8,28	68,5584	166	68,5750	165	68,5915	166	68,6081	166	68,6247	165
8,29	68,7241	166	68,7407	166	68,7573	165	68,7738	166	68,7904	166
8,30	68,8900	166	68,9066	166	68,9232	166	68,9398	166	68,9564	166
8,31	69,0561	166	69,0727	166	69,0893	167	69,1060	166	69,1226	166
8,32	69,2224	166	69,2390	167	69,2557	166	69,2723	167	69,2890	166
8,33	69,3889	167	69,4056	166	69,4222	167	69,4389	167	69,4556	166
8,34	69,5556	167	69,5723	167	69,5890	166	69,6056	167	69,6223	167
8,35	69,7225	167	69,7392	167	69,7559	167	69,7726	167	69,7893	167
8,36	69,8896	167	69,9063	167	69,9230	168	69,9398	167	69,9565	167
8,37	70,0569	167	70,0736	168	70,0904	167	70,1071	168	70,1239	167
8,38	70,2244	168	70,2412	167	70,2579	168	70,2747	168	70,2915	167
8,39	70,3921	168	70,4089	168	70,4257	167	70,4424	168	70,4592	168
8,40	70,5600	168	70,5768	168	70,5936	168	70,6104	168	70,6272	168
8,41	70,7281	168	70,7449	168	70,7617	169	70,7786	168	70,7954	168
8,42	70,8964	168	70,9132	169	70,9301	168	70,9469	169	70,9638	168
8,43	71,0649	169	71,0818	168	71,0986	169	71,1155	169	71,1324	168
8,44	71,2336	169	71,2505	169	71,2674	163	71,2842	169	71,3011	169
8,45	71,4025	169	71,4194	169	71,4363	169	71,4532	169	71,4701	169
8,46	71,5716	169	71,5885	169	71,6054	170	71,6224	169	71,6393	169
8,47	71,7409	169	71,7578	170	71,7748	169	71,7917	170	71,8087	169
8,48	71,9104	170	71,9274	169	71,9443	170	71,9613	170	71,9783	169
8,49	72,0801	170	72,0971	170	72,1141	169	72,1310	170	72,1480	170

Błąd przybliżeń podanych na str. 86 i 87 jest nie większy niż 0,00005, a błąd przybliżenia otrzymanego przez interpolację liniową jest mniejszy niż 0,0000503 + błąd zaokrąglenia wyniku.

Przykład interpolacji na str. 72.

V. Squares (x^2)

5	δ	6	δ	7	δ	8	δ	9	δ	x
64,0800	160	64,0960	160	64,1120	161	64,1281	160	64,1441	160	8,00
64,2402	161	64,2563	160	64,2723	160	64,2883	161	64,3044	160	8,01
64,4006	161	64,4167	160	64,4327	161	64,4488	160	64,4648	161	8,02
64,5612	161	64,5773	161	64,5934	160	64,6094	161	64,6255	161	8,03
64,7220	161	64,7381	161	64,7542	161	64,7703	161	64,7864	161	8,04
64,8830	161	64,8991	161	64,9152	162	64,9314	161	64,9475	161	8,05
65,0442	162	65,0604	161	65,0765	161	65,0926	162	65,1088	161	8,06
65,2056	162	65,2218	161	65,2379	162	65,2541	161	65,2702	162	8,07
65,3672	162	65,3834	162	65,3996	161	65,4157	162	65,4319	162	8,08
65,5290	162	65,5452	162	65,5614	162	65,5776	162	65,5938	162	8,09
65,6910	162	65,7072	162	65,7234	163	65,7397	162	65,7559	162	8,10
65,8532	163	65,8695	162	65,8857	162	65,9019	163	65,9182	162	8,11
66,0156	163	66,0319	162	66,0481	163	66,0644	162	66,0806	163	8,12
66,1782	163	66,1945	163	66,2108	162	66,2270	163	66,2433	163	8,13
66,3410	163	66,3573	163	66,3736	163	66,3899	163	66,4062	163	8,14
66,5040	163	66,5203	163	66,5366	164	66,5530	163	66,5693	163	8,15
66,6672	164	66,6836	163	66,6999	163	66,7162	164	66,7326	163	8,16
66,8306	164	66,8470	163	66,8633	164	66,8797	163	66,8960	164	8,17
66,9942	164	67,0106	164	67,0270	163	67,0433	164	67,0597	164	8,18
67,1580	164	67,1744	164	67,1908	164	67,2072	164	67,2236	164	8,19
67,3220	164	67,3384	164	67,3548	165	67,3713	164	67,3877	164	8,20
67,4862	165	67,5027	164	67,5191	164	67,5355	165	67,5520	164	8,21
67,6506	165	67,6671	164	67,6835	165	67,7000	164	67,7164	165	8,22
67,8152	165	67,8317	165	67,8482	164	67,8646	165	67,8811	165	8,23
67,9800	165	67,9965	165	68,0130	165	68,0295	165	68,0460	165	8,24
68,1450	165	68,1615	165	68,1780	166	68,1946	165	68,2111	165	8,25
68,3102	166	68,3268	165	68,3433	165	68,3598	166	68,3764	165	8,26
68,4756	166	68,4922	165	68,5087	166	68,5253	165	68,5418	166	8,27
68,6412	166	68,6578	166	68,6744	165	68,6909	166	68,7075	166	8,28
68,8070	166	68,8236	166	68,8402	166	68,8568	166	68,8734	166	8,29
68,9730	166	68,9896	166	69,0062	167	69,0229	166	69,0395	166	8,30
69,1392	167	69,1559	166	69,1725	166	69,1891	167	69,2058	166	8,31
69,3056	167	69,3223	166	69,3389	167	69,3556	166	69,3722	167	8,32
69,4722	167	69,4889	167	69,5056	166	69,5222	167	69,5389	167	8,33
69,6390	167	69,6557	167	69,6724	167	69,6891	167	69,7058	167	8,34
69,8060	167	69,8227	167	69,8394	168	69,8562	167	69,8729	167	8,35
69,9732	168	69,9900	167	70,0067	167	70,0234	168	70,0402	167	8,36
70,1406	168	70,1574	167	70,1741	168	70,1909	167	70,2076	168	8,37
70,3082	168	70,3250	168	70,3418	167	70,3585	168	70,3753	168	8,38
70,4760	168	70,4928	168	70,5096	168	70,5264	168	70,5432	168	8,39
70,6440	168	70,6608	168	70,6776	169	70,6945	168	70,7113	168	8,40
70,8122	169	70,8291	168	70,8459	168	70,8627	169	70,8796	168	8,41
70,9806	169	70,9975	168	71,0143	169	71,0312	168	71,0480	169	8,42
71,1492	169	71,1661	169	71,1830	168	71,1998	169	71,2167	169	8,43
71,3180	169	71,3349	169	71,3518	169	71,3687	169	71,3856	169	8,44
71,4870	169	71,5039	169	71,5208	170	71,5378	169	71,5547	169	8,45
71,6562	170	71,6732	169	71,6901	169	71,7070	170	71,7240	169	8,46
71,8256	170	71,8426	169	71,8595	170	71,8765	169	71,8934	170	8,47
71,9952	170	72,0122	170	72,0292	169	72,0461	170	72,0631	170	8,48
72,1650	170	72,1820	170	72,1990	170	72,2160	170	72,2330	170	8,49

The error of the approximations given on pp. 86 and 87 is not greater than 0,00005 and the error of an approximation obtained by linear interpolation is less than 0,0000503 + the error of rounding off the result.

An example of interpolation is given on p. 73,

V. Kwadraty (x^2)

x	0	δ	1	δ	2	δ	3	δ	4	δ
8,50	72,2500	170	72,2670	170	72,2840	170	72,3010	170	72,3180	170
8,51	72,4201	170	72,4371	170	72,4541	171	72,4712	170	72,4882	170
8,52	72,5904	170	72,6074	171	72,6245	170	72,6415	171	72,6586	170
8,53	72,7609	171	72,7780	170	72,7950	171	72,8121	171	72,8292	170
8,54	72,9316	171	72,9487	171	72,9658	170	72,9828	171	72,9999	171
8,55	73,1025	171	73,1196	171	73,1367	171	73,1538	171	73,1709	171
8,56	73,2736	171	73,2907	171	73,3078	172	73,3250	171	73,3421	171
8,57	73,4449	171	73,4620	172	73,4792	171	73,4963	172	73,5135	171
8,58	73,6164	172	73,6336	171	73,6507	172	73,6679	172	73,6851	171
8,59	73,7881	172	73,8053	172	73,8225	171	73,8396	172	73,8568	172
8,60	73,9600	172	73,9772	172	73,9944	172	74,0116	172	74,0288	172
8,61	74,1321	172	74,1493	172	74,1665	173	74,1838	172	74,2010	172
8,62	74,3044	172	74,3216	173	74,3389	172	74,3561	173	74,3734	172
8,63	74,4769	173	74,4942	172	74,5114	173	74,5287	173	74,5460	172
8,64	74,6496	173	74,6669	173	74,6842	172	74,7014	173	74,7187	173
8,65	74,8225	173	74,8398	173	74,8571	173	74,8744	173	74,8917	173
8,66	74,9956	173	75,0129	173	75,0302	174	75,0476	173	75,0649	173
8,67	75,1689	173	75,1862	174	75,2036	173	75,2209	174	75,2383	173
8,68	75,3424	174	75,3598	173	75,3771	174	75,3945	174	75,4119	173
8,69	75,5161	174	75,5335	174	75,5509	173	75,5682	174	75,5856	174
8,70	75,6900	174	75,7074	174	75,7248	174	75,7422	174	75,7596	174
8,71	75,8641	174	75,8815	174	75,8989	175	75,9164	174	75,9338	174
8,72	76,0384	174	76,0558	175	76,0733	174	76,0907	175	76,1082	174
8,73	76,2129	175	76,2304	174	76,2478	175	76,2653	175	76,2828	174
8,74	76,3876	175	76,4051	175	76,4226	174	76,4400	175	76,4575	175
8,75	76,5625	175	76,5800	175	76,5975	175	76,6150	175	76,6325	175
8,76	76,7376	175	76,7551	175	76,7726	176	76,7902	175	76,8077	175
8,77	76,9129	175	76,9304	176	76,9480	175	76,9655	176	76,9831	175
8,78	77,0884	176	77,1060	175	77,1235	176	77,1411	176	77,1587	175
8,79	77,2641	176	77,2817	176	77,2993	175	77,3168	176	77,3344	176
8,80	77,4400	176	77,4576	176	77,4752	176	77,4928	176	77,5104	176
8,81	77,6161	176	77,6337	176	77,6513	177	77,6690	176	77,6866	176
8,82	77,7924	176	77,8100	177	77,8277	176	77,8453	177	77,8630	176
8,83	77,9689	177	77,9866	176	78,0042	177	78,0219	177	78,0396	176
8,84	78,1456	177	78,1633	177	78,1810	176	78,1986	177	78,2163	177
8,85	78,3225	177	78,3402	177	78,3579	177	78,3756	177	78,3933	177
8,86	78,4996	177	78,5173	177	78,5350	178	78,5528	177	78,5705	177
8,87	78,6769	177	78,6946	178	78,7124	177	78,7301	178	78,7479	177
8,88	78,8544	178	78,8722	177	78,8899	178	78,9077	178	78,9255	177
8,89	79,0321	178	79,0499	178	79,0677	177	79,0854	178	79,1032	178
8,90	79,2100	178	79,2278	178	79,2456	178	79,2634	178	79,2812	178
8,91	79,3881	178	79,4059	178	79,4237	179	79,4416	178	79,4594	178
8,92	79,5664	178	79,5842	179	79,6021	178	79,6199	179	79,6378	178
8,93	79,7449	179	79,7628	178	79,7806	179	79,7985	179	79,8164	178
8,94	79,9236	179	79,9415	179	79,9594	178	79,9772	179	79,9951	179
8,95	80,1025	179	80,1204	179	80,1383	179	80,1562	179	80,1741	179
8,96	80,2816	179	80,2995	179	80,3174	180	80,3354	179	80,3533	179
8,97	80,4609	179	80,4788	180	80,4968	179	80,5147	180	80,5327	179
8,98	80,6404	180	80,6584	179	80,6763	180	80,6943	180	80,7123	179
8,99	80,8201	180	80,8381	180	80,8561	179	80,8740	180	80,8920	180

Błąd przybliżeń podanych na str. 88 i 89 jest nie większy niż 0,00005, a błąd przybliżenia otrzymanego przez interpolację liniową jest mniejszy niż 0,0000503 + błąd zaokrąglenia wyniku.

Przykład interpolacji na str. 72.

V. Squares (x^2)

5	δ	6	δ	7	δ	8	δ	9	δ	x
72,3350	170	72,3520	170	72,3690	171	72,3861	170	72,4031	170	8,50
72,5052	171	72,5223	170	72,5393	170	72,5563	171	72,5734	170	8,51
72,6756	171	72,6927	170	72,7097	171	72,7268	170	72,7438	171	8,52
72,8462	171	72,8633	171	72,8804	170	72,8974	171	72,9145	171	8,53
73,0170	171	73,0341	171	73,0512	171	73,0683	171	73,0854	171	8,54
73,1880	171	73,2051	171	73,2222	172	73,2394	171	73,2565	171	8,55
73,3592	172	73,3764	171	73,3935	171	73,4106	172	73,4278	171	8,56
73,5306	172	73,5478	171	73,5649	172	73,5821	171	73,5992	172	8,57
73,7022	172	73,7194	172	73,7366	171	73,7537	172	73,7709	172	8,58
73,8740	172	73,8912	172	73,9084	172	73,9256	172	73,9428	172	8,59
74,0460	172	74,0632	172	74,0804	173	74,0977	172	74,1149	172	8,60
74,2182	173	74,2355	172	74,2527	172	74,2699	173	74,2872	172	8,61
74,3906	173	74,4079	172	74,4251	173	74,4424	172	74,4596	173	8,62
74,5632	173	74,5805	173	74,5978	172	74,6150	173	74,6323	173	8,63
74,7360	173	74,7533	173	74,7706	173	74,7879	173	74,8052	173	8,64
74,9090	173	74,9263	173	74,9436	174	74,9610	173	74,9783	173	8,65
75,0822	174	75,0996	173	75,1169	173	75,1342	174	75,1516	173	8,66
75,2556	174	75,2730	173	75,2903	174	75,3077	173	75,3250	174	8,67
75,4292	174	75,4466	174	75,4640	173	75,4813	174	75,4987	174	8,68
75,6030	174	75,6204	174	75,6378	174	75,6552	174	75,6726	174	8,69
75,7770	174	75,7944	174	75,8118	175	75,8293	174	75,8467	174	8,70
75,9512	175	75,9687	174	75,9861	174	76,0035	175	76,0210	174	8,71
76,1256	175	76,1431	174	76,1605	175	76,1780	174	76,1954	175	8,72
76,3002	175	76,3177	175	76,3352	174	76,3526	175	76,3701	175	8,73
76,4750	175	76,4925	175	76,5100	175	76,5275	175	76,5450	175	8,74
76,6500	175	76,6675	175	76,6850	176	76,7026	175	76,7201	175	8,75
76,8252	176	76,8428	175	76,8603	175	76,8778	176	76,8954	175	8,76
77,0006	176	77,0182	175	77,0357	176	77,0533	175	77,0708	176	8,77
77,1762	176	77,1938	176	77,2114	175	77,2289	176	77,2465	176	8,78
77,3520	176	77,3696	176	77,3872	176	77,4048	176	77,4224	176	8,79
77,5280	176	77,5456	176	77,5632	177	77,5809	176	77,5985	176	8,80
77,7042	177	77,7219	176	77,7395	176	77,7571	177	77,7748	176	8,81
77,8806	177	77,8983	176	77,9159	177	77,9336	176	77,9512	177	8,82
78,0572	177	78,0749	177	78,0926	176	78,1102	177	78,1279	177	8,83
78,2340	177	78,2517	177	78,2694	177	78,2871	177	78,3048	177	8,84
78,4110	177	78,4287	177	78,4464	178	78,4642	177	78,4819	177	8,85
78,5882	178	78,6060	177	78,6237	177	78,6414	178	78,6592	177	8,86
78,7656	178	78,7834	177	78,8011	178	78,8189	177	78,8366	178	8,87
78,9432	178	78,9610	178	78,9788	177	78,9965	178	79,0143	178	8,88
79,1210	178	79,1388	178	79,1566	178	79,1744	178	79,1922	178	8,89
79,2990	178	79,3168	178	79,3346	179	79,3525	178	79,3703	178	8,90
79,4772	179	79,4951	178	79,5129	178	79,5307	179	79,5486	178	8,91
79,6556	179	79,6735	178	79,6913	179	79,7092	178	79,7270	179	8,92
79,8342	179	79,8521	179	79,8700	178	79,8878	179	79,9057	179	8,93
80,0130	179	80,0309	179	80,0488	179	80,0667	179	80,0846	179	8,94
80,1920	179	80,2099	179	80,2278	180	80,2458	179	80,2637	179	8,95
80,3712	180	80,3892	179	80,4071	179	80,4250	180	80,4430	179	8,96
80,5506	180	80,5686	179	80,5865	180	80,6045	179	80,6224	180	8,97
80,7302	180	80,7482	180	80,7662	179	80,7841	180	80,8021	180	8,98
80,9100	180	80,9280	180	80,9460	180	80,9640	180	80,9820	180	8,99

The error of the approximations given on pp. 88 and 89 is not greater than 0,00005 and the error of an approximation obtained by linear interpolation is less than 0,0000503 + the error of rounding off the result.

An example of interpolation is given on p. 73.

V. Kwadraty (x^2)

x	0	δ	1	δ	2	δ	3	δ	4	δ
9,00	81,0000	180	81,0180	180	81,0360	180	81,0540	180	81,0720	180
9,01	81,1801	180	81,1981	180	81,2161	181	81,2342	180	81,2522	180
9,02	81,3604	180	81,3784	181	81,3965	180	81,4145	181	81,4326	180
9,03	81,5409	181	81,5590	180	81,5770	181	81,5951	181	81,6132	180
9,04	81,7216	181	81,7397	181	81,7578	180	81,7758	181	81,7939	181
9,05	81,9025	181	81,9206	181	81,9387	181	81,9568	181	81,9749	181
9,06	82,0836	181	82,1017	181	82,1198	182	82,1380	181	82,1561	181
9,07	82,2649	181	82,2830	182	82,3012	181	82,3193	182	82,3375	181
9,08	82,4464	182	82,4646	181	82,4827	182	82,5009	182	82,5191	181
9,09	82,6281	182	82,6463	182	82,6645	181	82,6826	182	82,7008	182
9,10	82,8100	182	82,8282	182	82,8464	182	82,8646	182	82,8828	182
9,11	82,9921	182	83,0103	182	83,0285	183	83,0468	182	83,0650	182
9,12	83,1744	182	83,1926	183	83,2109	182	83,2291	183	83,2474	182
9,13	83,3569	183	83,3752	182	83,3934	183	83,4117	183	83,4300	182
9,14	83,5396	183	83,5579	183	83,5762	182	83,5944	183	83,6127	183
9,15	83,7225	183	83,7408	183	83,7591	183	83,7774	183	83,7957	183
9,16	83,9056	183	83,9239	183	83,9422	184	83,9606	183	83,9789	183
9,17	84,0889	183	84,1072	184	84,1256	183	84,1439	184	84,1623	183
9,18	84,2724	184	84,2908	183	84,3091	184	84,3275	184	84,3459	183
9,19	84,4561	184	84,4745	184	84,4929	183	84,5112	184	84,5296	184
9,20	84,6400	184	84,6584	184	84,6768	184	84,6952	184	84,7136	184
9,21	84,8241	184	84,8425	184	84,8609	185	84,8794	184	84,8978	184
9,22	85,0084	184	85,0268	185	85,0453	184	85,0637	185	85,0822	184
9,23	85,1929	185	85,2114	184	85,2298	185	85,2483	185	85,2668	184
9,24	85,3776	185	85,3961	185	85,4146	184	85,4330	185	85,4515	185
9,25	85,5625	185	85,5810	185	85,5995	185	85,6180	185	85,6365	185
9,26	85,7476	185	85,7661	185	85,7846	186	85,8032	185	85,8217	185
9,27	85,9329	185	85,9514	186	85,9700	185	85,9885	186	86,0071	185
9,28	86,1184	186	86,1370	185	86,1555	186	86,1741	186	86,1927	185
9,29	86,3041	186	86,3227	186	86,3413	185	86,3598	186	86,3784	186
9,30	86,4900	186	86,5086	186	86,5272	186	86,5458	186	86,5644	186
9,31	86,6761	186	86,6947	186	86,7133	187	86,7320	186	86,7506	186
9,32	86,8624	186	86,8810	187	86,8997	186	86,9183	187	86,9370	186
9,33	87,0489	187	87,0676	186	87,0862	187	87,1049	187	87,1236	186
9,34	87,2356	187	87,2543	187	87,2730	186	87,2916	187	87,3103	187
9,35	87,4225	187	87,4412	187	87,4599	187	87,4786	187	87,4973	187
9,36	87,6096	187	87,6283	187	87,6470	188	87,6658	187	87,6845	187
9,37	87,7969	187	87,8156	188	87,8344	187	87,8531	188	87,8719	187
9,38	87,9844	188	88,0032	187	88,0219	188	88,0407	188	88,0595	187
9,39	88,1721	188	88,1909	188	88,2097	187	88,2284	188	88,2472	188
9,40	88,3600	188	88,3788	188	88,3976	188	88,4164	188	88,4352	188
9,41	88,5481	188	88,5669	188	88,5857	189	88,6046	188	88,6234	188
9,42	88,7364	188	88,7552	189	88,7741	188	88,7929	189	88,8118	188
9,43	88,9249	189	88,9438	188	88,9626	189	88,9815	189	89,0004	188
9,44	89,1136	189	89,1325	189	89,1514	188	89,1702	189	89,1891	189
9,45	89,3025	189	89,3214	189	89,3403	189	89,3592	189	89,3781	189
9,46	89,4916	189	89,5105	189	89,5294	190	89,5484	189	89,5673	189
9,47	89,6809	189	89,6998	190	89,7188	189	89,7377	190	89,7567	189
9,48	89,8704	190	89,8894	189	89,9083	190	89,9273	190	89,9463	189
9,49	90,0601	190	90,0791	190	90,0981	189	90,1170	190	90,1360	190

Błąd przybliżeń podanych na str. 90 i 91 jest nie większy niż 0,00005, a błąd przybliżenia otrzymanego przez interpolację liniową jest mniejszy niż 0,0000503 + błąd zaokrąglenia wyniku.

Przykład interpolacji na str. 72.

V. Squares (x^2)

5	δ	6	δ	7	δ	8	δ	9	δ	x
81,0900	180	81,1080	180	81,1260	181	81,1441	180	81,1621	180	9,00
81,2702	181	81,2883	180	81,3063	180	81,3243	181	81,3424	180	9,01
81,4506	181	81,4687	180	81,4867	181	81,5048	180	81,5228	181	9,02
81,6312	181	81,6493	181	81,6674	180	81,6854	181	81,7035	181	9,03
81,8120	181	81,8301	181	81,8482	181	81,8663	181	81,8844	181	9,04
81,9930	181	82,0111	181	82,0292	182	82,0474	181	82,0655	181	9,05
82,1742	182	82,1924	181	82,2105	181	82,2286	182	82,2468	181	9,06
82,3556	182	82,3738	181	82,3919	182	82,4101	181	82,4282	182	9,07
82,5372	182	82,5554	182	82,5736	181	82,5917	182	82,6099	182	9,08
82,7190	182	82,7372	182	82,7554	182	82,7736	182	82,7918	182	9,09
82,9010	182	82,9192	182	82,9374	183	82,9557	182	82,9739	182	9,10
83,0832	183	83,1015	182	83,1197	182	83,1379	183	83,1562	182	9,11
83,2656	183	83,2839	182	83,3021	183	83,3204	182	83,3386	183	9,12
83,4482	183	83,4665	183	83,4848	182	83,5030	183	83,5213	183	9,13
83,6310	183	83,6493	183	83,6676	183	83,6859	183	83,7042	183	9,14
83,8140	183	83,8323	183	83,8506	184	83,8690	183	83,8873	183	9,15
83,9972	184	84,0156	183	84,0339	183	84,0522	184	84,0706	183	9,16
84,1806	184	84,1990	183	84,2173	184	84,2357	183	84,2540	184	9,17
84,3642	184	84,3826	184	84,4010	183	84,4193	184	84,4377	184	9,18
84,5480	184	84,5664	184	84,5848	184	84,6032	184	84,6216	184	9,19
84,7320	184	84,7504	184	84,7688	185	84,7873	184	84,8057	184	9,20
84,9162	185	84,9347	184	84,9531	184	84,9715	185	84,9900	184	9,21
85,1006	185	85,1191	184	85,1375	185	85,1560	184	85,1744	185	9,22
85,2852	185	85,3037	185	85,3222	184	85,3406	185	85,3591	185	9,23
85,4700	185	85,4885	185	85,5070	185	85,5255	185	85,5440	185	9,24
85,6550	185	85,6735	185	85,6920	186	85,7106	185	85,7291	185	9,25
85,8402	186	85,8588	185	85,8773	185	85,8958	186	85,9144	185	9,26
86,0256	186	86,0442	185	86,0627	186	86,0813	185	86,0998	186	9,27
86,2112	186	86,2298	186	86,2484	185	86,2669	186	86,2855	186	9,28
86,3970	186	86,4156	186	86,4342	186	86,4528	186	86,4714	186	9,29
86,5830	186	86,6016	186	86,6202	187	86,6389	186	86,6575	186	9,30
86,7692	187	86,7879	186	86,8065	186	86,8251	187	86,8438	186	9,31
86,9556	187	86,9743	186	86,9929	187	87,0116	186	87,0302	187	9,32
87,1422	187	87,1609	187	87,1796	186	87,1982	187	87,2169	187	9,33
87,3290	187	87,3477	187	87,3664	187	87,3851	187	87,4038	187	9,34
87,5160	187	87,5347	187	87,5534	188	87,5722	187	87,5909	187	9,35
87,7032	188	87,7220	187	87,7407	187	87,7594	188	87,7782	187	9,36
87,8906	188	87,9094	187	87,9281	188	87,9469	187	87,9656	188	9,37
88,0782	188	88,0970	188	88,1158	187	88,1345	188	88,1533	188	9,38
88,2660	188	88,2848	188	88,3036	188	88,3224	188	88,3412	188	9,39
88,4540	188	88,4728	188	88,4916	189	88,5105	188	88,5293	188	9,40
88,6422	189	88,6611	188	88,6799	188	88,6987	189	88,7176	188	9,41
88,8306	189	88,8495	188	88,8683	189	88,8872	188	88,9060	189	9,42
89,0192	189	89,0381	189	89,0570	188	89,0758	189	89,0947	189	9,43
89,2080	189	89,2269	189	89,2458	189	89,2647	189	89,2836	189	9,44
89,3970	189	89,4159	189	89,4348	190	89,4538	189	89,4727	189	9,45
89,5862	190	89,6052	189	89,6241	189	89,6430	190	89,6620	189	9,46
89,7756	190	89,7946	189	89,8135	190	89,8325	189	89,8514	190	9,47
89,9652	190	89,9842	190	90,0032	189	90,0221	190	90,0411	190	9,48
90,1550	190	90,1740	190	90,1930	190	90,2120	190	90,2310	190	9,49

The error of the approximations given on pp. 90 and 91 is not greater than 0,00005 and the error of an approximation obtained by linear interpolation is less than 0,0000503 + the error of rounding off the result.

An example of interpolation is given on p. 73.

V. Kwadraty (x^2)

x	0	δ	1	δ	2	δ	3	δ	4	δ
9,50	90,2500	190	90,2690	190	90,2880	190	90,3070	190	90,3260	190
9,51	90,4401	190	90,4591	190	90,4781	191	90,4972	190	90,5162	190
9,52	90,6304	190	90,6494	191	90,6685	190	90,6875	191	90,7066	190
9,53	90,8209	191	90,8400	190	90,8590	191	90,8781	191	90,8972	190
9,54	91,0116	191	91,0307	191	91,0498	190	91,0688	191	91,0879	191
9,55	91,2025	191	91,2216	191	91,2407	191	91,2598	191	91,2789	191
9,56	91,3936	191	91,4127	191	91,4318	192	91,4510	191	91,4701	191
9,57	91,5849	191	91,6040	192	91,6232	191	91,6423	192	91,6615	191
9,58	91,7764	192	91,7956	191	91,8147	192	91,8339	192	91,8531	191
9,59	91,9681	192	91,9873	192	92,0065	191	92,0256	192	92,0448	192
9,60	92,1600	192	92,1792	192	92,1984	192	92,2176	192	92,2368	192
9,61	92,3521	192	92,3713	192	92,3905	193	92,4098	192	92,4290	192
9,62	92,5444	192	92,5636	193	92,5829	192	92,6021	193	92,6214	192
9,63	92,7369	193	92,7562	192	92,7754	193	92,7947	193	92,8140	192
9,64	92,9296	193	92,9489	193	92,9682	192	92,9874	193	93,0067	193
9,65	93,1225	193	93,1418	193	93,1611	193	93,1804	193	93,1997	193
9,66	93,3156	193	93,3349	193	93,3542	194	93,3736	193	93,3929	193
9,67	93,5089	193	93,5282	194	93,5476	193	93,5669	194	93,5863	193
9,68	93,7024	194	93,7218	193	93,7411	194	93,7605	194	93,7799	193
9,69	93,8961	194	93,9155	194	93,9349	193	93,9542	194	93,9736	194
9,70	94,0900	194	94,1094	194	94,1288	194	94,1482	194	94,1676	194
9,71	94,2841	194	94,3035	194	94,3229	195	94,3424	194	94,3618	194
9,72	94,4784	194	94,4978	195	94,5173	194	94,5367	195	94,5562	194
9,73	94,6729	195	94,6924	194	94,7118	195	94,7313	195	94,7508	194
9,74	94,8676	195	94,8871	195	94,9066	194	94,9260	195	94,9455	195
9,75	95,0625	195	95,0820	195	95,1015	195	95,1210	195	95,1405	195
9,76	95,2576	195	95,2771	195	95,2966	196	95,3162	195	95,3357	195
9,77	95,4529	195	95,4724	196	95,4920	195	95,5115	196	95,5311	195
9,78	95,6484	196	95,6680	195	95,6875	196	95,7071	196	95,7267	195
9,79	95,8441	196	95,8637	196	95,8833	195	95,9028	196	95,9224	196
9,80	96,0400	196	96,0596	196	96,0792	196	96,0988	196	96,1184	196
9,81	96,2361	196	96,2557	196	96,2753	197	96,2950	196	96,3146	196
9,82	96,4324	196	96,4520	197	96,4717	196	96,4913	197	96,5110	196
9,83	96,6289	197	96,6486	196	96,6682	197	96,6879	197	96,7076	196
9,84	96,8256	197	96,8453	197	96,8650	196	96,8846	197	96,9043	197
9,85	97,0225	197	97,0422	197	97,0619	197	97,0816	197	97,1013	197
9,86	97,2196	197	97,2393	197	97,2590	198	97,2788	197	97,2985	197
9,87	97,4169	197	97,4366	198	97,4564	197	97,4761	198	97,4959	197
9,88	97,6144	198	97,6342	197	97,6539	198	97,6737	198	97,6935	197
9,89	97,8121	198	97,8319	198	97,8517	197	97,8714	198	97,8912	198
9,90	98,0100	198	98,0298	198	98,0496	198	98,0694	198	98,0892	198
9,91	98,2081	198	98,2279	198	98,2477	199	98,2676	198	98,2874	198
9,92	98,4064	198	98,4262	199	98,4461	198	98,4659	199	98,4858	198
9,93	98,6049	199	98,6248	198	98,6446	199	98,6645	199	98,6844	198
9,94	98,8036	199	98,8235	199	98,8434	198	98,8632	199	98,8831	199
9,95	99,0025	199	99,0224	199	99,0423	199	99,0622	199	99,0821	199
9,96	99,2016	199	99,2215	199	99,2414	200	99,2614	199	99,2813	199
9,97	99,4009	199	99,4208	200	99,4408	199	99,4607	200	99,4807	199
9,98	99,6004	200	99,6204	199	99,6403	200	99,6603	200	99,6803	199
9,99	99,8001	200	99,8201	200	99,8401	199	99,8600	200	99,8800	200

Błąd przybliżeń podanych na str. 92 i 93 jest nie większy niż 0,00005, a błąd przybliżenia otrzymanego przez interpolację liniową jest mniejszy niż 0,0000503 + błąd zaokrąglenia wyniku.

Przykład interpolacji na str. 72.

V. Squares (x^2)

5	δ	6	δ	7	δ	8	δ	9	δ	x
90,3450	190	90,3640	190	90,3830	191	90,4021	190	90,4211	190	9,50
90,5352	191	90,5543	190	90,5733	190	90,5923	191	90,6114	190	9,51
90,7256	191	90,7447	190	90,7637	191	90,7828	190	90,8018	191	9,52
90,9162	191	90,9353	191	90,9544	190	90,9734	191	90,9925	191	9,53
91,1070	191	91,1261	191	91,1452	191	91,1643	191	91,1834	191	9,54
91,2980	191	91,3171	191	91,3362	192	91,3554	191	91,3745	191	9,55
91,4892	192	91,5084	191	91,5275	191	91,5466	192	91,5658	191	9,56
91,6806	192	91,6998	191	91,7189	192	91,7381	191	91,7572	192	9,57
91,8722	192	91,8914	192	91,9106	191	91,9297	192	91,9489	192	9,58
92,0640	192	92,0832	192	92,1024	192	92,1216	192	92,1408	192	9,59
92,2560	192	92,2752	192	92,2944	193	92,3137	192	92,3329	192	9,60
92,4482	193	92,4675	192	92,4867	192	92,5059	193	92,5252	192	9,61
92,6406	193	92,6599	192	92,6791	193	92,6984	192	92,7176	193	9,62
92,8332	193	92,8525	193	92,8718	192	92,8910	193	92,9103	193	9,63
93,0260	193	93,0453	193	93,0646	193	93,0839	193	93,1032	193	9,64
93,2190	193	93,2383	193	93,2576	194	93,2770	193	93,2963	193	9,65
93,4122	194	93,4316	193	93,4509	193	93,4702	194	93,4896	193	9,66
93,6056	194	93,6250	193	93,6443	194	93,6637	193	93,6830	194	9,67
93,7992	194	93,8186	194	93,8380	193	93,8573	194	93,8767	194	9,68
93,9930	194	94,0124	194	94,0318	194	94,0512	194	94,0706	194	9,69
94,1870	194	94,2064	194	94,2258	195	94,2453	194	94,2647	194	9,70
94,3812	195	94,4007	194	94,4201	194	94,4395	195	94,4590	194	9,71
94,5756	195	94,5951	194	94,6145	195	94,6340	194	94,6534	195	9,72
94,7702	195	94,7897	195	94,8092	194	94,8286	195	94,8481	195	9,73
94,9650	195	94,9845	195	95,0040	195	95,0235	195	95,0430	195	9,74
95,1600	195	95,1795	195	95,1990	196	95,2186	195	95,2381	195	9,75
95,3552	196	95,3748	195	95,3943	195	95,4138	196	95,4334	195	9,76
95,5506	196	95,5702	195	95,5897	196	95,6093	195	95,6288	196	9,77
95,7462	196	95,7658	196	95,7854	195	95,8049	196	95,8245	196	9,78
95,9420	196	95,9616	196	95,9812	196	96,0008	196	96,0204	196	9,79
96,1380	196	96,1576	196	96,1772	197	96,1969	196	96,2165	196	9,80
96,3342	197	96,3539	196	96,3735	196	96,3931	197	96,4128	196	9,81
96,5306	197	96,5503	196	96,5699	197	96,5896	196	96,6092	197	9,82
96,7272	197	96,7469	197	96,7666	196	96,7862	197	96,8059	197	9,83
96,9240	197	96,9437	197	96,9634	197	96,9831	197	97,0028	197	9,84
97,1210	197	97,1407	197	97,1604	198	97,1802	197	97,1999	197	9,85
97,3182	198	97,3380	197	97,3577	197	97,3774	198	97,3972	197	9,86
97,5156	198	97,5354	197	97,5551	198	97,5749	197	97,5946	198	9,87
97,7132	198	97,7330	198	97,7528	197	97,7725	198	97,7923	198	9,88
97,9110	198	97,9308	198	97,9506	198	97,9704	198	97,9902	198	9,89
98,1090	198	98,1288	198	98,1486	199	98,1685	198	98,1883	198	9,90
98,3072	199	98,3271	198	98,3469	198	98,3667	199	98,3866	198	9,91
98,5056	199	98,5255	198	98,5453	199	98,5652	198	98,5850	199	9,92
98,7042	199	98,7241	199	98,7440	198	98,7638	199	98,7837	199	9,93
98,9030	199	98,9229	199	98,9428	199	98,9627	199	98,9826	199	9,94
99,1020	199	99,1219	199	99,1418	200	99,1618	199	99,1817	199	9,95
99,3012	200	99,3212	199	99,3411	199	99,3610	200	99,3810	199	9,96
99,5006	200	99,5206	199	99,5405	200	99,5605	199	99,5804	200	9,97
99,7002	200	99,7202	200	99,7402	199	99,7601	200	99,7801	200	9,98
99,9000	200	99,9200	200	99,9400	200	99,9600	200	99,9800	200	9,99

The error of the approximations given on pp. 92 and 93 is not greater than 0,00005 and the error of an approximation obtained by linear interpolation is less than 0,0000503 + the error of rounding off the result.

An example of interpolation is given on p. 73.