

数学 教学 用表

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

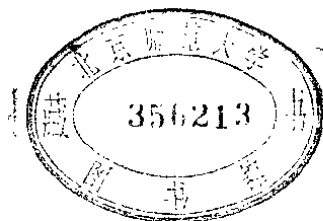
常数表
平方根表
立方根表
弧度和角度互化表
三角函数表
常用对数表
常用对数的反对数表
自然对数表
指数函数、双曲函数表
概率积分表
全椭圆积分表
积分表
高里埃变换表
拉普拉斯变换表

上海人民出版社

数学教学用表

复旦大学数学系基础数学教研组 编

7911/159/21



上海人民出版社

内 容 提 要

本书选编了初等数学和高等数学教学中比较常用的数表,计有:常数表,平方根表,立方根表,弧度和角度互化表,三角函数表,常用对数表,常用对数的反对数表,自然对数表,指数函数、双曲函数表,概率积分表,全椭圆积分表,积分表,富里埃变换表,拉普拉斯变换表。另外,根据学习高等数学的需要,选列了一些常用的公式,作为附录。

本书的所有数值表都是编者用电子数字计算机计算的,函数值一律取五位小数或五位有效数字。

本书供大专院校教学中使用,也可作为业余学校、技术学校和中学教学用工具书。

数 学 教 学 用 表

复旦大学数学系基础数学教研组 编

上海人民出版社出版

(上海绍兴路5号)

新华书店上海发行所发行 上海市印十二厂印刷

开本 787×1092 1/32 印张 5.25 字数 115,000

1975年10月第1版 1975年10月第1次印刷

统一书号: 13171·140 定价: 0.32元

毛主席语录

列宁为什么说对资产阶级专政，这个问题要搞清楚。这个问题不搞清楚，就会变修正主义。要使全国知道。

我们的教育方针，应该使受教育者在德育、智育、体育几方面都得到发展，成为有社会主义觉悟的有文化的劳动者。

教育必须为无产阶级政治服务，必须同生产劳动相结合。

目 录

一、常数表	1
二、平方根表	2
三、立方根表	13
四、弧度和角度互化表	30
五、三角函数表	33
六、常用对数表	94
七、常用对数的反对数表	101
八、自然对数表	108
九、指数函数、双曲函数表	114
十、概率积分表	130
十一、全椭圆积分表	133
十二、积分表	134
十三、富里埃变换表	154
十四、拉普拉斯变换表	155
附录 公式选编	157
一、三角公式	157
二、导数与微分公式	159
三、幂级数展开式	161

一、常 数 表

$$\pi=3.14159 \quad 26535 \quad 89793$$

$$\frac{\pi}{2}=1.57079 \quad 63267 \quad 94897$$

$$\pi^2=9.86960 \quad 44010 \quad 89359$$

$$\sqrt{\pi}=1.77245 \quad 38509 \quad 05516$$

$$\frac{1}{\pi}=0.31830 \quad 98861 \quad 83791$$

$$e=2.71828 \quad 18284 \quad 59045$$

$$e^2=7.38905 \quad 60990 \quad 03933$$

$$\sqrt{e}=1.64872 \quad 12707 \quad 12849$$

$$\frac{1}{e}=0.36787 \quad 94411 \quad 73864$$

$$\lg 2=0.30102 \quad 99956 \quad 63981$$

$$\lg e=0.43429 \quad 44819 \quad 03252$$

$$\lg \pi=0.49714 \quad 98726 \quad 94134$$

$$\ln 2=0.69314 \quad 71805 \quad 59945$$

$$\ln 10=2.30258 \quad 50929 \quad 94046$$

$$\ln \pi=1.14472 \quad 98858 \quad 49400$$

二、平 方

N	0	1	2	3	4	5	6
1.0	1.00000	1.00499	1.00995	1.01489	1.01980	1.02470	1.02956
1.1	1.04881	1.05357	1.05830	1.06301	1.06771	1.07238	1.07703
1.2	1.09545	1.10000	1.10454	1.10905	1.11355	1.11803	1.12250
1.3	1.14018	1.14455	1.14891	1.15326	1.15758	1.16190	1.16619
1.4	1.18322	1.18743	1.19164	1.19583	1.20000	1.20416	1.20830
1.5	1.22474	1.22882	1.23288	1.23693	1.24097	1.24499	1.24900
1.6	1.26491	1.26886	1.27279	1.27671	1.28062	1.28452	1.28841
1.7	1.30384	1.30767	1.31149	1.31529	1.31909	1.32288	1.32665
1.8	1.34164	1.34536	1.34907	1.35277	1.35647	1.36015	1.36382
1.9	1.37840	1.38203	1.38564	1.38924	1.39284	1.39642	1.40000
2.0	1.41421	1.41774	1.42127	1.42478	1.42829	1.43178	1.43527
2.1	1.44914	1.45258	1.45602	1.45945	1.46287	1.46629	1.46969
2.2	1.48324	1.48661	1.48997	1.49332	1.49666	1.50000	1.50333
2.3	1.51658	1.51987	1.52315	1.52643	1.52971	1.53297	1.53623
2.4	1.54919	1.55242	1.55563	1.55885	1.56205	1.56525	1.56844
2.5	1.58114	1.58430	1.58745	1.59060	1.59374	1.59687	1.60000
2.6	1.61245	1.61555	1.61864	1.62173	1.62481	1.62788	1.63095
2.7	1.64317	1.64621	1.64924	1.65227	1.65529	1.65831	1.66132
2.8	1.67332	1.67631	1.67929	1.68226	1.68523	1.68819	1.69115
2.9	1.70294	1.70587	1.70880	1.71172	1.71464	1.71756	1.72047
3.0	1.73205	1.73494	1.73781	1.74069	1.74356	1.74642	1.74929
3.1	1.76068	1.76352	1.76635	1.76918	1.77200	1.77482	1.77764
3.2	1.78885	1.79165	1.79444	1.79722	1.80000	1.80278	1.80555
3.3	1.81659	1.81934	1.82209	1.82483	1.82757	1.83030	1.83303
3.4	1.84391	1.84662	1.84932	1.85203	1.85472	1.85742	1.86011
3.5	1.87083	1.87350	1.87617	1.87883	1.88149	1.88414	1.88680
3.6	1.89737	1.90000	1.90263	1.90526	1.90788	1.91050	1.91311
3.7	1.92354	1.92614	1.92873	1.93132	1.93391	1.93649	1.93907
3.8	1.94936	1.95192	1.95448	1.95704	1.95959	1.96214	1.96469
3.9	1.97484	1.97737	1.97990	1.98242	1.98494	1.98746	1.98997
4.0	2.00000	2.00250	2.00499	2.00749	2.00998	2.01246	2.01494
4.1	2.02485	2.02731	2.02978	2.03224	2.03470	2.03715	2.03961
4.2	2.04939	2.05183	2.05428	2.05670	2.05913	2.06155	2.06398
4.3	2.07364	2.07605	2.07846	2.08087	2.08327	2.08567	2.08806
4.4	2.09762	2.10000	2.10238	2.10476	2.10713	2.10950	2.11187

根 表

7	8	9	1	2	3	4	5	6	7	8	9
1.03441	1.03923	1.04403	49	98	147	196	244	293	342	391	439
1.08167	1.08628	1.09087	47	93	140	187	233	280	327	375	420
1.12694	1.13137	1.13578	45	90	134	179	224	269	313	358	403
1.17047	1.17473	1.17898	43	86	129	172	215	258	301	344	387
1.21244	1.21655	1.22066	42	83	125	166	208	249	291	332	374
1.25900	1.25698	1.26095	40	80	121	161	201	241	281	321	362
1.29228	1.29615	1.30000	39	78	117	156	195	234	273	312	350
1.33041	1.33417	1.33791	38	76	114	151	189	227	265	302	340
1.36748	1.37113	1.37477	37	74	110	147	184	221	257	294	331
1.40357	1.40712	1.41067	36	72	108	143	179	215	251	287	322
1.43875	1.44222	1.44568	35	70	105	140	175	210	245	279	314
1.47309	1.47648	1.47986	34	68	102	137	171	205	239	273	307
1.50665	1.50997	1.51327	33	67	100	133	167	200	233	267	300
1.53948	1.54272	1.54596	33	65	98	131	163	196	228	261	294
1.57162	1.57480	1.57797	32	64	96	128	160	192	224	256	288
1.60312	1.60624	1.60935	31	63	94	125	157	188	219	251	282
1.63401	1.63707	1.64012	31	61	92	123	154	184	215	246	276
1.66433	1.66733	1.67033	30	60	91	121	151	181	211	241	271
1.69411	1.69706	1.70000	30	59	89	119	148	178	207	237	267
1.72337	1.72627	1.72916	29	58	87	117	146	175	204	233	262
1.75214	1.75499	1.75784	29	57	86	115	143	172	200	229	258
1.78045	1.78326	1.78606	28	56	85	113	141	169	197	225	254
1.80831	1.81108	1.81384	28	56	83	111	139	166	194	222	250
1.83576	1.83848	1.84120	27	55	82	109	137	164	191	219	246
1.86279	1.86548	1.86815	27	54	81	108	135	162	188	215	242
1.88944	1.89209	1.89473	27	53	80	106	133	159	186	212	239
1.91572	1.91833	1.92094	26	52	79	105	131	157	183	209	236
1.94165	1.94422	1.94679	26	52	77	103	129	155	181	207	232
1.96723	1.96977	1.97231	25	51	76	102	127	153	178	204	229
1.99249	1.99499	1.99750	25	50	76	101	126	151	176	201	226
2.01742	2.01990	2.02237	25	50	75	99	124	149	174	199	224
2.04206	2.04450	2.04695	25	49	74	98	123	147	172	196	221
2.06640	2.06882	2.07123	24	49	73	97	121	146	170	194	218
2.09045	2.09284	2.09523	24	48	72	96	120	144	168	192	216
2.11424	2.11660	2.11896	24	47	71	95	119	142	166	190	213

二、平 方

N	0	1	2	3	4	5	6
4.5	2.12132	2.12368	2.12603	2.12838	2.13073	2.13307	2.13542
4.6	2.14476	2.14709	2.14942	2.15174	2.15407	2.15639	2.15870
4.7	2.16795	2.17025	2.17256	2.17486	2.17715	2.17945	2.18174
4.8	2.19089	2.19317	2.19545	2.19773	2.20000	2.20227	2.20454
4.9	2.21359	2.21585	2.21811	2.22036	2.22261	2.22486	2.22711
5.0	2.23607	2.23833	2.24054	2.24277	2.24499	2.24722	2.24944
5.1	2.25882	2.26053	2.26274	2.26495	2.26716	2.26936	2.27156
5.2	2.28035	2.28254	2.28473	2.28692	2.28910	2.29129	2.29347
5.3	2.30217	2.30434	2.30651	2.30868	2.31084	2.31301	2.31517
5.4	2.32379	2.32594	2.32809	2.33024	2.33238	2.33452	2.33666
5.5	2.34521	2.34734	2.34947	2.35160	2.35372	2.35584	2.35797
5.6	2.36648	2.36854	2.37065	2.37276	2.37487	2.37697	2.37908
5.7	2.38747	2.38956	2.39165	2.39374	2.39583	2.39792	2.40000
5.8	2.40832	2.41039	2.41247	2.41454	2.41661	2.41868	2.42074
5.9	2.42899	2.43105	2.43311	2.43516	2.43721	2.43926	2.44131
6.0	2.44949	2.45153	2.45357	2.45561	2.45764	2.45967	2.46171
6.1	2.46982	2.47184	2.47386	2.47588	2.47790	2.47992	2.48193
6.2	2.48998	2.49199	2.49399	2.49600	2.49800	2.50000	2.50200
6.3	2.50998	2.51197	2.51396	2.51595	2.51794	2.51982	2.52190
6.4	2.52982	2.53180	2.53377	2.53574	2.53772	2.53969	2.54165
6.5	2.54951	2.55147	2.55343	2.55539	2.55734	2.55930	2.56125
6.6	2.56905	2.57099	2.57294	2.57488	2.57682	2.57876	2.58070
6.7	2.58844	2.59037	2.59230	2.59422	2.59615	2.59808	2.60000
6.8	2.60768	2.60960	2.61151	2.61343	2.61534	2.61725	2.61916
6.9	2.62679	2.62869	2.63059	2.63249	2.63439	2.63629	2.63818
7.0	2.64575	2.64764	2.64953	2.65141	2.65330	2.65518	2.65707
7.1	2.66458	2.66646	2.66833	2.67021	2.67208	2.67395	2.67582
7.2	2.68328	2.68514	2.68701	2.68887	2.69072	2.69258	2.69444
7.3	2.70185	2.70370	2.70555	2.70740	2.70924	2.71109	2.71293
7.4	2.72029	2.72213	2.72397	2.72580	2.72764	2.72947	2.73130
7.5	2.73861	2.74044	2.74226	2.74408	2.74591	2.74773	2.74955
7.6	2.75681	2.75862	2.76043	2.76225	2.76405	2.76586	2.76767
7.7	2.77489	2.77669	2.77849	2.78029	2.78209	2.78388	2.78568
7.8	2.79285	2.79464	2.79643	2.79821	2.80000	2.80179	2.80357
7.9	2.81069	2.81247	2.81425	2.81603	2.81780	2.81957	2.82135

根 表

7	8	9	1	2	3	4	5	6	7	8	9
2.13776	2.14009	2.14243	23	47	70	94	117	141	164	188	211
2.16102	2.16393	2.16564	23	46	70	93	116	139	162	186	209
2.18403	2.18692	2.18861	23	46	69	92	115	138	161	184	206
2.20681	2.20907	2.21133	23	45	68	91	114	136	159	182	204
2.22935	2.23159	2.23383	22	45	67	90	112	135	157	180	202
2.25167	2.25389	2.25610	22	45	67	89	111	134	156	178	200
2.27376	2.27596	2.27816	22	44	66	88	110	132	154	176	198
2.29565	2.29783	2.30000	22	44	65	87	109	131	153	175	196
2.31733	2.31948	2.32164	22	43	65	86	108	130	151	173	195
2.33880	2.34094	2.34307	21	43	64	86	107	129	150	171	193
2.36008	2.36220	2.36432	21	42	64	85	106	127	149	170	191
2.38118	2.38328	2.38537	21	42	63	84	105	126	147	168	189
2.40203	2.40416	2.40624	21	42	63	83	104	125	146	167	188
2.42281	2.42487	2.42693	21	41	62	83	103	124	145	165	186
2.44336	2.44540	2.44745	21	41	62	82	103	123	144	164	184
2.46374	2.46577	2.46779	20	41	61	81	102	122	142	163	183
2.48395	2.48596	2.48797	20	40	61	81	101	121	141	161	181
2.50400	2.50599	2.50799	20	40	60	80	100	120	140	160	180
2.52389	2.52587	2.52784	20	40	60	79	99	119	139	159	179
2.54362	2.54558	2.54755	20	39	59	79	98	118	138	158	177
2.56320	2.56515	2.56710	20	39	59	78	98	117	137	156	176
2.58263	2.58457	2.58650	19	39	58	78	97	116	136	155	175
2.60192	2.60384	2.60576	19	39	58	77	96	115	135	154	173
2.62107	2.62298	2.62488	19	38	57	76	96	115	134	153	172
2.64008	2.64197	2.64386	19	38	57	76	95	114	133	152	171
2.65895	2.66083	2.66271	19	38	57	75	94	113	132	151	169
2.67769	2.67955	2.68142	19	37	56	75	94	112	131	150	168
2.69629	2.69815	2.70000	19	37	56	74	93	111	130	149	167
2.71477	2.71662	2.71846	18	37	55	74	92	111	129	148	166
2.73313	2.73496	2.73679	18	37	55	73	92	110	128	147	165
2.75136	2.75318	2.75500	18	36	55	73	91	109	127	146	164
2.76948	2.77128	2.77308	18	36	54	72	90	108	127	145	163
2.78747	2.78927	2.79106	18	36	54	72	90	108	126	144	162
2.80535	2.80713	2.80891	18	36	54	71	89	107	125	143	161
2.82312	2.82489	2.82666	18	35	53	71	89	106	124	142	160

二、平方

N	0	1	2	3	4	5	6
8.0	2.82843	2.83019	2.83196	2.83373	2.83549	2.83725	2.83901
8.1	2.84605	2.84781	2.84956	2.85132	2.85307	2.85482	2.85657
8.2	2.86356	2.86531	2.86705	2.86880	2.87054	2.87228	2.87402
8.3	2.88097	2.88271	2.88444	2.88617	2.88791	2.88964	2.89137
8.4	2.89828	2.90000	2.90172	2.90345	2.90517	2.90689	2.90861
8.5	2.91548	2.91719	2.91890	2.92062	2.92233	2.92404	2.92575
8.6	2.93258	2.93428	2.93598	2.93769	2.93939	2.94109	2.94279
8.7	2.94958	2.95127	2.95296	2.95466	2.95635	2.95804	2.95973
8.8	2.96648	2.96816	2.96985	2.97153	2.97321	2.97489	2.97658
8.9	2.98329	2.98496	2.98664	2.98831	2.98998	2.99166	2.99333
9.0	3.00000	3.00167	3.00333	3.00500	3.00666	3.00832	3.00998
9.1	3.01662	3.01828	3.01993	3.02159	3.02324	3.02490	3.02655
9.2	3.03315	3.03480	3.03645	3.03809	3.03974	3.04138	3.04302
9.3	3.04959	3.05123	3.05287	3.05450	3.05614	3.05778	3.05941
9.4	3.06594	3.06757	3.06920	3.07083	3.07246	3.07409	3.07571
9.5	3.08221	3.08383	3.08545	3.08707	3.08869	3.09031	3.09192
9.6	3.09839	3.10000	3.10161	3.10322	3.10483	3.10644	3.10805
9.7	3.11448	3.11609	3.11769	3.11929	3.12090	3.12250	3.12410
9.8	3.13050	3.13209	3.13369	3.13528	3.13688	3.13847	3.14006
9.9	3.14643	3.14802	3.14960	3.15119	3.15278	3.15436	3.15595
10	3.16228	3.17805	3.19374	3.20936	3.22490	3.24037	3.25576
11	3.31662	3.33167	3.34664	3.36155	3.37639	3.39116	3.40588
12	3.46410	3.47851	3.49285	3.50714	3.52136	3.53553	3.54965
13	3.60555	3.61939	3.63318	3.64692	3.66060	3.67423	3.68782
14	3.74166	3.75500	3.76829	3.78153	3.79473	3.80789	3.82099
15	3.87298	3.88587	3.89872	3.91152	3.92428	3.93700	3.94968
16	4.00000	4.01248	4.02492	4.03733	4.04969	4.06202	4.07431
17	4.12311	4.13521	4.14729	4.15933	4.17133	4.18330	4.19524
18	4.24264	4.25441	4.26615	4.27785	4.28952	4.30116	4.31277
19	4.35890	4.37035	4.38178	4.39318	4.40454	4.41588	4.42719
20	4.47214	4.48330	4.49444	4.50555	4.51664	4.52769	4.53872
21	4.58258	4.59347	4.60435	4.61519	4.62601	4.63681	4.64758
22	4.69042	4.70106	4.71169	4.72229	4.73286	4.74342	4.75395
23	4.79583	4.80625	4.81664	4.82701	4.83735	4.84768	4.85798
24	4.89898	4.90918	4.91935	4.92950	4.93964	4.94975	4.95984

根 表

7	8	9	1	2	3	4	5	6	7	8	9
2.84077	2.84253	2.84429	18	35	53	71	88	106	123	141	159
2.85832	2.86007	2.86182	18	35	53	70	88	105	123	140	158
2.87576	2.87750	2.87924	17	35	52	70	87	104	122	139	157
2.89310	2.89482	2.89655	17	35	52	69	87	104	121	138	156
2.91033	2.91204	2.91376	17	34	52	69	86	103	120	138	155
2.92746	2.92916	2.93087	17	34	51	68	86	103	120	137	154
2.94449	2.94618	2.94788	17	34	51	68	85	102	119	136	153
2.96142	2.96311	2.96479	17	34	51	68	85	101	118	135	152
2.97825	2.97993	2.98161	17	34	50	67	84	101	118	134	151
2.99500	2.99666	2.99833	17	33	50	67	84	100	117	134	150
3.01164	3.01330	3.01496	17	33	50	66	83	100	116	133	150
3.02820	3.02985	3.03150	17	33	50	66	83	99	116	132	149
3.04467	3.04631	3.04795	16	33	49	66	82	99	115	132	148
3.06105	3.06268	3.06431	16	33	49	65	82	98	114	131	147
3.07734	3.07896	3.08058	16	33	49	65	81	98	114	130	146
3.09354	3.09516	3.09677	16	32	49	65	81	97	113	129	146
3.10966	3.11127	3.11288	16	32	48	64	80	97	113	129	145
3.12570	3.12730	3.12890	16	32	48	64	80	96	112	128	144
3.14166	3.14325	3.14484	16	32	48	64	80	96	112	127	143
3.15753	3.15911	3.16070	16	32	48	63	79	95	111	127	143
3.27109	3.28634	3.30151	16	32	48	63	79	95	111	127	143
3.42053	3.43511	3.44964	16	32	48	63	79	95	111	127	143
3.56871	3.57771	3.58671	16	32	48	63	79	95	111	127	143
3.70135	3.71484	3.72827	16	32	48	63	79	95	111	127	143
3.83406	3.84708	3.86005	16	32	48	63	79	95	111	127	143
3.96232	3.97492	3.98748	16	32	48	63	79	95	111	127	143
4.08556	4.09878	4.11096	16	32	48	63	79	95	111	127	143
4.20714	4.21900	4.23084	16	32	48	63	79	95	111	127	143
4.32435	4.33590	4.34741	16	32	48	63	79	95	111	127	143
4.43847	4.44972	4.46094	16	32	48	63	79	95	111	127	143
4.54973	4.56070	4.57165	16	32	48	63	79	95	111	127	143
4.65833	4.66905	4.67974	16	32	48	63	79	95	111	127	143
4.76445	4.77493	4.78539	16	32	48	63	79	95	111	127	143
4.86826	4.87852	4.88876	16	32	48	63	79	95	111	127	143
4.96991	4.97996	4.98999	16	32	48	63	79	95	111	127	143

二、平 方

N	0	1	2	3	4	5	6
25	5.00000	5.00999	5.01996	5.02991	5.03984	5.04975	5.05964
26	5.09902	5.10882	5.11859	5.12835	5.13809	5.14782	5.15752
27	5.19615	5.20577	5.21536	5.22494	5.23450	5.24404	5.25357
28	5.29150	5.30094	5.31037	5.31977	5.32917	5.33854	5.34790
29	5.38516	5.39444	5.40370	5.41295	5.42218	5.43139	5.44059
30	5.47723	5.48635	5.49545	5.50454	5.51362	5.52268	5.53173
31	5.56776	5.57674	5.58570	5.59464	5.60357	5.61249	5.62139
32	5.65685	5.66569	5.67450	5.68331	5.69210	5.70088	5.70964
33	5.74456	5.75326	5.76194	5.77062	5.77927	5.78792	5.79655
34	5.83095	5.83962	5.84808	5.85662	5.86515	5.87367	5.88218
35	5.91608	5.92453	5.93296	5.94138	5.94979	5.95819	5.96657
36	6.00000	6.00833	6.01664	6.02495	6.03324	6.04152	6.04979
37	6.08276	6.09098	6.09918	6.10737	6.11555	6.12372	6.13188
38	6.16441	6.17252	6.18061	6.18870	6.19677	6.20484	6.21289
39	6.24500	6.25300	6.26099	6.26897	6.27694	6.28490	6.29285
40	6.32456	6.33246	6.34035	6.34823	6.35610	6.36396	6.37181
41	6.40312	6.41093	6.41872	6.42651	6.43428	6.44205	6.44981
42	6.48074	6.48845	6.49615	6.50385	6.51153	6.51920	6.52687
43	6.55744	6.56506	6.57267	6.58027	6.58787	6.59545	6.60303
44	6.63325	6.64078	6.64831	6.65582	6.66333	6.67083	6.67832
45	6.70820	6.71565	6.72309	6.73053	6.73795	6.74537	6.75278
46	6.78233	6.78970	6.79706	6.80441	6.81175	6.81909	6.82642
47	6.85565	6.86294	6.87023	6.87750	6.88477	6.89202	6.89928
48	6.92820	6.93542	6.94262	6.94982	6.95701	6.96419	6.97137
49	7.00000	7.00714	7.01427	7.02140	7.02851	7.03562	7.04273
50	7.07107	7.07814	7.08520	7.09225	7.09930	7.10634	7.11337
51	7.14143	7.14843	7.15542	7.16240	7.16938	7.17635	7.18331
52	7.21110	7.21803	7.22496	7.23187	7.23878	7.24569	7.25259
53	7.28311	7.28997	7.29683	7.30368	7.31053	7.31737	7.32420
54	7.34847	7.35527	7.36206	7.36885	7.37564	7.38241	7.38918
55	7.41620	7.42294	7.42967	7.43640	7.44312	7.44983	7.45654
56	7.48331	7.48999	7.49667	7.50333	7.50999	7.51665	7.52330
57	7.54983	7.55645	7.56307	7.56968	7.57628	7.58288	7.58947
58	7.61577	7.62234	7.62889	7.63544	7.64199	7.64853	7.65506
59	7.68115	7.68765	7.69415	7.70065	7.70714	7.71362	7.72010

根 表

7	8	9	1	2	3	4	5	6	7	8	9
5.06962	5.07637	5.08920	10	32	48	63	79	95	111	127	143
5.16720	5.17687	5.18652	10	32	48	63	79	95	111	127	143
5.26308	5.27257	5.28205	10	32	48	63	79	95	111	127	143
5.35724	5.36656	5.37587	10	32	48	63	79	95	111	127	143
5.44977	5.45894	5.46809	10	32	48	63	79	95	111	127	143
5.54076	5.54977	5.55878	16	32	48	63	79	95	111	127	143
5.63028	5.63915	5.64801	16	32	48	63	79	95	111	127	143
5.71839	5.72713	5.73585	16	32	48	63	79	95	111	127	143
5.80517	5.81378	5.82237	16	32	48	63	79	95	111	127	143
5.89067	5.89915	5.90762	16	32	48	63	79	95	111	127	143
5.97495	5.98331	5.99166	16	32	48	63	79	95	111	127	143
6.05805	6.06630	6.07454	16	32	48	63	79	95	111	127	143
6.14003	6.14817	6.15630	16	32	48	63	79	95	111	127	143
6.22093	6.22896	6.23699	16	32	48	63	79	95	111	127	143
6.30079	6.30872	6.31664	16	32	48	63	79	95	111	127	143
6.37966	6.38749	6.39531	16	32	48	63	79	95	111	127	143
6.45755	6.46529	6.47302	16	32	48	63	79	95	111	127	143
6.53452	6.54217	6.54981	16	32	48	63	79	95	111	127	143
6.61060	6.61816	6.62571	16	32	48	63	79	95	111	127	143
6.68581	6.69328	6.70075	16	32	48	63	79	95	111	127	143
6.76018	6.76757	6.77495	16	32	48	63	79	95	111	127	143
6.83374	6.84105	6.84836	16	32	48	63	79	95	111	127	143
6.90652	6.91375	6.92098	16	32	48	63	79	95	111	127	143
6.97854	6.98570	6.99285	16	32	48	63	79	95	111	127	143
7.04982	7.05691	7.06399	16	32	48	63	79	95	111	127	143
7.12039	7.12741	7.13442	16	32	48	63	79	95	111	127	143
7.19027	7.19722	7.20417	16	32	48	63	79	95	111	127	143
7.25948	7.26636	7.27324	16	32	48	63	79	95	111	127	143
7.32863	7.33545	7.34226	16	32	48	63	79	95	111	127	143
7.39594	7.40270	7.40945	16	32	48	63	79	95	111	127	143
7.46324	7.46994	7.47663	16	32	48	63	79	95	111	127	143
7.52994	7.53658	7.54321	16	32	48	63	79	95	111	127	143
7.59605	7.60263	7.60920	16	32	48	63	79	95	111	127	143
7.66159	7.66812	7.67463	16	32	48	63	79	95	111	127	143
7.72658	7.73305	7.73951	16	32	48	63	79	95	111	127	143

二、平方

N	0	1	2	3	4	5	6
60	7.74597	7.75242	7.75887	7.76531	7.77174	7.77817	7.78460
61	7.81025	7.81665	7.82304	7.82943	7.83582	7.84219	7.84857
62	7.87401	7.88036	7.88670	7.89303	7.89937	7.90569	7.91202
63	7.93725	7.94355	7.94984	7.95613	7.96241	7.96869	7.97496
64	8.00000	8.00625	8.01249	8.01873	8.02496	8.03119	8.03741
65	8.06226	8.06846	8.07465	8.08084	8.08703	8.09321	8.09938
66	8.12404	8.13019	8.13634	8.14248	8.14862	8.15475	8.16088
67	8.18535	8.19146	8.19756	8.20366	8.20975	8.21584	8.22192
68	8.24621	8.25227	8.25833	8.26438	8.27043	8.27647	8.28251
69	8.30662	8.31264	8.31865	8.32466	8.33067	8.33667	8.34266
70	8.36660	8.37257	8.37854	8.38451	8.39047	8.39643	8.40238
71	8.42615	8.43208	8.43801	8.44393	8.44985	8.45577	8.46168
72	8.48528	8.49117	8.49706	8.50294	8.50882	8.51469	8.52056
73	8.54400	8.54985	8.55570	8.56154	8.56738	8.57321	8.57904
74	8.60233	8.60814	8.61394	8.61974	8.62554	8.63134	8.63713
75	8.66025	8.66603	8.67179	8.67756	8.68332	8.68907	8.69483
76	8.71780	8.72353	8.72926	8.73499	8.74071	8.74643	8.75214
77	8.77496	8.78066	8.78635	8.79204	8.79773	8.80341	8.80909
78	8.83176	8.83742	8.84308	8.84873	8.85438	8.86002	8.86566
79	8.88819	8.89382	8.89944	8.90505	8.91067	8.91628	8.92188
80	8.94427	8.94986	8.95545	8.96103	8.96660	8.97218	8.97775
81	9.00000	9.00555	9.01110	9.01665	9.02219	9.02774	9.03327
82	9.05539	9.06091	9.06642	9.07193	9.07744	9.08295	9.08845
83	9.11043	9.11592	9.12140	9.12688	9.13236	9.13783	9.14330
84	9.16515	9.17061	9.17606	9.18150	9.18695	9.19239	9.19783
85	9.21954	9.22497	9.23038	9.23580	9.24121	9.24662	9.25203
86	9.27362	9.27901	9.28440	9.28978	9.29516	9.30054	9.30591
87	9.32738	9.33274	9.33809	9.34345	9.34880	9.35414	9.35949
88	9.38083	9.38616	9.39149	9.39681	9.40213	9.40744	9.41276
89	9.43398	9.43928	9.44458	9.44987	9.45516	9.46044	9.46573
90	9.48683	9.49210	9.49737	9.50263	9.50789	9.51315	9.51840
91	9.53939	9.54463	9.54987	9.55510	9.56033	9.56556	9.57079
92	9.59166	9.59687	9.60208	9.60729	9.61249	9.61769	9.62289
93	9.64365	9.64883	9.65401	9.65919	9.66437	9.66954	9.67471
94	9.69536	9.70052	9.70567	9.71082	9.71597	9.72111	9.72625
95	9.74679	9.75192	9.75705	9.76217	9.76729	9.77241	9.77753
96	9.79796	9.80306	9.80816	9.81326	9.81835	9.82344	9.82853
97	9.84886	9.85393	9.85901	9.86408	9.86914	9.87421	9.87927
98	9.89949	9.90454	9.90959	9.91464	9.91968	9.92472	9.92975
99	9.94987	9.95490	9.95992	9.96494	9.96995	9.97497	9.97998

根 表

7	8	9	1	2	3	4	5	6	7	8	9
7.79102	7.79744	7.80385	16	32	48	63	79	95	111	127	143
7.85493	7.86130	7.86766	16	32	48	63	79	95	111	127	143
7.91833	7.92465	7.93095	16	32	48	63	79	95	111	127	143
7.98123	7.98749	7.99375	16	32	48	63	79	95	111	127	143
8.04363	8.04984	8.05605	16	32	48	63	79	95	111	127	143
8.10555	8.11172	8.11788	16	32	48	63	79	95	111	127	143
8.16701	8.17318	8.17924	16	32	48	63	79	95	111	127	143
8.22800	8.23408	8.24015	16	32	48	63	79	95	111	127	143
8.28855	8.29458	8.30060	16	32	48	63	79	95	111	127	143
8.34865	8.35464	8.36062	16	32	48	63	79	95	111	127	143
8.40833	8.41427	8.42021	16	32	48	63	79	95	111	127	143
8.46759	8.47349	8.47939	16	32	48	63	79	95	111	127	143
8.52643	8.53229	8.53815	16	32	48	63	79	95	111	127	143
8.58487	8.59069	8.59651	16	32	48	63	79	95	111	127	143
8.64292	8.64870	8.65448	16	32	48	63	79	95	111	127	143
8.70057	8.70632	8.71206	16	32	48	63	79	95	111	127	143
8.75785	8.76356	8.76926	16	32	48	63	79	95	111	127	143
8.81476	8.82043	8.82610	16	32	48	63	79	95	111	127	143
8.87130	8.87694	8.88257	16	32	48	63	79	95	111	127	143
8.92749	8.93308	8.93868	16	32	48	63	79	95	111	127	143
8.98332	8.98888	8.99444	16	32	48	63	79	95	111	127	143
9.03881	9.04434	9.04986	16	32	48	63	79	95	111	127	143
9.09395	9.09945	9.10494	16	32	48	63	79	95	111	127	143
9.14877	9.15428	9.15969	16	32	48	63	79	95	111	127	143
9.20326	9.20869	9.21412	16	32	48	63	79	95	111	127	143
9.25743	9.26283	9.26823	16	32	48	63	79	95	111	127	143
9.31128	9.31665	9.32202	16	32	48	63	79	95	111	127	143
9.36483	9.37017	9.37550	16	32	48	63	79	95	111	127	143
9.41807	9.42338	9.42868	16	32	48	63	79	95	111	127	143
9.47101	9.47629	9.48156	16	32	48	63	79	95	111	127	143
9.52365	9.52890	9.53415	16	32	48	63	79	95	111	127	143
9.57601	9.58123	9.58645	16	32	48	63	79	95	111	127	143
9.62808	9.63328	9.63846	16	32	48	63	79	95	111	127	143
9.67988	9.68504	9.69020	16	32	48	63	79	95	111	127	143
9.73139	9.73653	9.74166	16	32	48	63	79	95	111	127	143
9.78264	9.78775	9.79285	16	32	48	63	79	95	111	127	143
9.83362	9.83870	9.84378	16	32	48	63	79	95	111	127	143
9.88433	9.88939	9.89444	16	32	48	63	79	95	111	127	143
9.93479	9.93982	9.94485	16	32	48	63	79	95	111	127	143
9.98499	9.98999	9.99500	16	32	48	63	79	95	111	127	143

使用说明

1. 用本表可求得任一个四位数的平方根，大于1小于100的三位数的平方根可直接查到，查四位数的平方根时要用到补充值。

例如： $\sqrt{7.16} \approx 2.67582$ ，
 $\sqrt{71.6} = 8.46168$ ，
 $\sqrt{7.168} = 2.67582 + 0.00150 \approx 2.67732$ ，
 $\sqrt{71.68} = 8.46168 + 0.00127 = 8.46295$ 。

2. 小于1或大于100的数的平方根不能直接查得，要先移动被开方数的小数点位置，移位时必须每二位一移。被开方数的小数点每移二位，查得的平方根的小数点要向相反方向移一位。

例如：被开方数716.8，先移成7.168，可在表上查得它的平方根2.67732，再将小数点作相应移动，即得

$$\sqrt{716.8} = 26.7732;$$

被开方数0.7168，先移成71.68，可在表上查得它的平方根8.46295，再将小数点作相应移动，即得

$$\sqrt{0.7168} \approx 0.846295;$$

被开方数0.0716，先移成7.16，可在表上查得它的平方根2.67582，再将小数点作相应移动，即得

$$\sqrt{0.0716} = 0.267582;$$

被开方数0.00716，先移成71.6，可在表上查得它的平方根8.46168，再将小数点作相应移动，即得

$$\sqrt{0.00716} = 0.0846168.$$