

Tables of Log K $_{0}$ (x) over the Range x = 2 to x = 12 at Intervals of 0 $_{0}$

J. Topping and A. E. Ludlam

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IV. Tables of Log K_0 (x) Over the Range x=2 to x=12 at Intervals of 0.001. By J. Topping, M.Sc., D.I.C., and A. E. Ludlam, M.Sc.

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The differential equation

$$\frac{d^2y}{dx^2} + \frac{1}{x}\frac{dy}{dx} - y = 0,$$

which differs from Bessel's Equation of zero order only in the sign of the third term (-y), has two solutions denoted by $I_0(x)$ and $K_0(x)$: these solutions tend exponentially to infinity and zero respectively as $x \longrightarrow \infty$ by positive values. The function $K_0(x)$ is of physical importance, particularly in connection with the electrostatic potential of a periodic linear series of charges.* It has been much used recently in calculations of the electrostatic potential energy of certain crystals,† for which it was found necessary to construct the following tables.

It appears that the earliest tables of $K_0(x)$ are due to ALDIS ('Roy. Soc. Proc.,' vol. 64, pp. 219-221 (1899)), who gave the values of $K_0(x)$ to 21 decimal places for values of x from x=0 to x=6.0 at intervals of 0.1, and also to between 7 and 13 significant figures from x = 5.0 to x = 12.0 at intervals of 0.1. These tables are reprinted in the 'Treatise on Bessel Functions' by Gray, Mathews and MacRobert (Macmillan, 1922). Jahnke and Emde, 'Functionentafeln,' pp. 135-6 (Leipzig, 1923), also tabulate the function $K_0(x)$ —there denoted by $\frac{1}{2}i\pi H_0^{(1)}(ix)$ —over the same range of x, but only to four significant figures.

The values of $e^x K_0$ (x) to 7 decimal places, in the range x = 0 to x = 16 with intervals of 0.02, have been computed by Prof. Watson with the help of the tables of Aldis. They are given, along with the corresponding values of e^{x} , in Table II of his 'Theory of Bessel Functions '(Cambridge, 1922).

The following tables were obtained from the logarithms of the values given by ALDIS by using the ordinary interpolation formulæ. They give values of $\log K_0(x)$ for values of x at intervals of 0.001 throughout the range x=2 to x=12; from x=2 to x=4the values are given to 7 decimal places, and the remainder are given to 6 decimal places. Values of $\log K_0(x)$ are generally more suitable for the purposes of calculations than those of $K_0(x)$, and particularly when a calculating machine is not available. interval of x in these tables is much smaller than in the case of Prof. Watson's tables, and, moreover, with the latter tables, a subsidiary calculation is necessary to obtain the values of $K_0(x)$ or $\log K_0(x)$. Of course this calculation can be easily made with a calculating machine.

The lines over some of the numbers in the tables indicate that a change has occurred in the first two figures of the mantissa, and in accordance with the usual practice the remainder of the logarithm is that at the beginning of the succeeding line.

- * Madelung, 'Phys. Zeit.,' vol. 19, p. 524 (1918). Also M. Born, 'Atomtheorie des Festen Zustandes,' 2nd Aufl., p. 717 (1925).
 - † Chapman, Topping and Morrall, 'Roy. Soc. Proc.,' vol. 111, p. 33 (1926).

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[Published September 27, 1926.

No.	0	1	0	.					i	
		-	2	3	4	5	6	7	8	9
2.00	1.05 65004	59671	54338	49006	43674	38343	33012	27682	22352	17023
.01	11694	06365	01037	$\overline{95709}$	$\overline{90382}$	$\overline{85056}$	$\overline{79730}$	$7\overline{4404}$	$\overline{69079}$	$\overline{63754}$
.02	Ī·04 58429	53105	47782	42459	37136	31814	26492	21171	15850	10530
.03	05210	99891	$\overline{94572}$	89253	83935	$\overline{78617}$	$\overline{73300}$	$\overline{67983}$	$\overline{62667}$	$\overline{57351}$
.04	1 ·03 52035	46720	41406	36092	30778	25465	20152	14840	09528	04216
.05	1.02 98905	93594	88284	82974	77665	72356	67048	61740	56432	51125
.06	45819	40512	35206	29901	24596	19292	13988.	08684	03381	98078
.07	$I \cdot 01 92776$	87474	82172	76871	71571	66271	60971	55672	50373	45074
•08	39776	34479	29182	23885	18588	13292	07997	02702	$9\overline{7407}$	$\overline{92113}$
.09	$\overline{1} \cdot 00 86819$	81526	76233	70940	65648	60357	55066	49775	44484	39194
2.10	33905	28616	23327	18039	12751	07463	02176	$9\overline{6889}$	$9\overline{1603}$	$\overline{86317}$
.11	$\bar{2} \cdot 99 81032$	75747	70463	65179	59895	54611	49328	44046	38764	33482
.12	28201	22920	17640	12360	07080	01801	$\overline{96522}$	$\overline{91244}$	85966	80688
·13	$\bar{2} \cdot 9875411$	70134	64858	59582	54307	49032	43757	38483	33209	27935
.14	22662	17390	12117	06845	01574	$9\overline{6303}$	$\overline{91032}$	$8\overline{5762}$	$\overline{80492}$	$\overline{75223}$
.15	5.9769954	64685	59417	54149	48882	43615	38348	33082	27816	22550
.16	17285	12021	06757	01493	$\overline{96229}$	90966	$\overline{85704}$	$8\overline{0441}$	$7\overline{5179}$	$\overline{69918}$
.17	$\bar{2}.96$ 64657	59396	54136	48876	43617	38358	33099	27841	22583	17325
.18	12068	06811	01555	$\overline{96299}$	$\overline{91043}$	85788	$8\overline{0533}$	$7\overline{5279}$	$7\overline{0025}$	$\overline{64771}$
•19	$\bar{2} \cdot 95 59518$	54265	49013	43761	38509	33258	28007	22756	17506	12256
2.20	07007	01758	96509	$\overline{91261}$	$\overline{86013}$	$\overline{80766}$	$7\overline{5519}$	$7\overline{0272}$	$\overline{65026}$	$\overline{59780}$
·21	$\bar{2} \cdot 94 54534$	49289	44044	38800	33556	28312	23069	17826	12583	07341
$\cdot 22$	02099	96858	$9\overline{1617}$	$8\overline{6377}$	$\overline{81136}$	$\overline{75896}$	$7\overline{0657}$	$\overline{65418}$	$\overline{60179}$	$\overline{54941}$
.23	$\bar{2} \cdot 93 \ 49703$	44465	39228	33991	28754	23518	18282	13047	07812	02577
.24	$\overline{2} \cdot 92 97343$	92109	86876	81643	76410	71178	65946	60714	55483	50252
.25	45021	39791	34561	29332	24103	18874	13645	08417	03190	$\overline{97963}$
.26	$\bar{2} \cdot 91 92736$	87509	82283	77057	71832	66607	61382	56158	50934	45710
.27	40487	35264	30041	24819	19597	14376	09155	03934	$9\overline{8714}$	$\overline{93494}$
.28	$\bar{2} \cdot 90 88274$	83055	77836	72618	67399	62182	56964	51747	46530	41314
.29	36098	30882	25667	20452	15237	10023	04809	99595	$9\overline{4382}$	$\overline{89169}$
2.30	$\bar{2} \cdot 89 83957$	78745	73533	68321	63110	57900	52689	47479	42269	37060
•31	31851	26642	21434	16226	11019	05811	00604	$9\overline{5398}$	$90\overline{192}$	84986
.32	$\bar{2} \cdot 8879780$	74575	69370	64166	58962	53758	48555	43352	38149	32947
:33	27745	22543	17342	12141	06940	01740	$9\overline{6540}$	$9\overline{1340}$	86141	80942
.34	$\bar{2} \cdot 87 75743$	70545	65347	60149	54952	49755	44559	39363	34167	28971
•35	23776	18581	13387	08193	02999	$9\overline{7805}$	$\overline{92612}$	87419	82227	$\overline{77035}$
.36	5.8671843	66651	61460	56270	51079	45889	40699	35510	30321	25132
·37	19943	14755	09567	04380	99193	94006	88820	83634	78448	73262
.38	2.8568077	62892	57708	52524	47340	42156	36973	31790	26608	21426
.39	16244	11062	05881	00701	$\overline{95520}$	90340	85160	79981	$\overline{74801}$	$\overline{69622}$
2.40	$-\overline{2} \cdot 84 - 64444$	59266	54088	48910	43733	38556	33379	28203	23027	17852
•41	12676	07501	02327	97152	91978	86805	$\overline{81631}$	76458	$\overline{71286}$	$\overline{66113}$
•42	$\overline{2} \cdot 83 60941$	55769	50598	45427	40256	35085	29915	24746	19576	14407
•43	09238	04069	$\overline{98901}$	93733	88566	83398	78231	$\overline{73065}$	67898	62732
•44	$\bar{2} \cdot 82\ 57567$	52401	47236	42071	36907	31743	26579	21416	16253	11090
·45	. 05927	00765	95603	90441	85280	80119	74958	$\overline{69798}$	$\overline{64638}$	59478
·46	2.8154318	49159	44001	38842	33684	28526	23368	18211	13054	07897
•47	02741	97585	92430	87274	82119	$\overline{76964}$	$\overline{71810}$	66656	$\overline{61502}$	56348
·48	$\bar{2} \cdot 80 \ 51195$	46042	40889	35737	30585	25433	20282	15131	09980	04830
•49	$\bar{2} \cdot 79 99679$	94530	89380	84231	79082	73933	68785	63637	58489	53341
2.50	48194	43047	37901	32755	27609	22463	17318	12173	07028	01883

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No.	0	1	2	3	4	5	6	7	8	9
2.50	$\bar{2} \cdot 79 \ 48194$	43047	37901	32755	27609	22463	17318	12173	07028	0188
.51	$\frac{2 \cdot 79}{5 \cdot 78} = \frac{46194}{96739}$	91595	86452	81308	76165	71023	65880	60738	55597	5045
.52	45314	40173	35032	29892	24752	19613	14473	09334	04195	9905
.53	$\overline{2} \cdot 77 93919$	88781	83643	78506	73369	68232	63095	57959	52823	4768
.54	42553	37418	32283	27148	22014	16881	11747	06614	01481	$\frac{1100}{9634}$
.55	$\bar{2} \cdot 76 91216$	86084	80952	75820	70689	65558	60428	55298	50168	4503
.56	39908	34779	29650	$\frac{13626}{24522}$	19393	14265	09138	04010	$\frac{98883}{98883}$	$\frac{1000}{9375}$
.57	$\bar{2} \cdot 75 88630$	83503	7837 7	73252	68126	63001	57876	52752	47627	4250
.58	37380	32256	27133	22010	16888	11765	06643	01522	$\frac{11021}{96400}$	$\frac{120}{9127}$
.59	$\bar{2} \cdot 74 86158$	81037	75917	70797	65677	60558	55439	50320	45201	4008
2.60	34965	29847	24729	19612	14495	09378	04262	$\frac{30323}{99146}$	$9\overline{4030}$	8891
·61	$\bar{2} \cdot 73 83799$	78684	73569	68455	63341	58227	53113	48000	42887	3777
.62	32662	27549	22437	17326	12214	07103	01992	$\frac{16080}{96882}$	$9\overline{1772}$	8666
.63	$\bar{2} \cdot 72 \ 81552$	76442	71333	66224	61115	56007	50899	45791	40683	3557
.64	30469	25362	20256	15150	10044	04938	$\frac{30800}{99833}$	$\frac{13.01}{94728}$	$\overline{89623}$	845
.65	$\bar{2} \cdot 71 79414$	74310	69206	64103	59000	53897	48794	43691	38589	3348
.66	28386	23284	18183	13082	07982	02882	$\frac{13.61}{97782}$	$\frac{19691}{92682}$	$\overline{87582}$	8248
.67	$\bar{2} \cdot 70 77384$	72285	67187	62089	56991	51893	46796	41699	36602	315
.68	26409	21313	16217	$\frac{32337}{11122}$	06027	00932	95837	$\frac{11000}{90743}$	85648	805
.69	$\bar{2} \cdot 69 75461$	70367	65274	60181	55089	49996	44904	39813	34721	296
$2 \cdot 70$	24539	19448	14357	09267	04177	$\frac{10000}{99087}$	93998	$\frac{38909}{88909}$	83820	787
$\cdot 71$	$\bar{2} \cdot 68 73643$	68554	63466	58379	53291	48204	43117	38031	32944	278
$\cdot 72$	22772	17687	12601	07516	02431	97347	$9\overline{2262}$	$\frac{30031}{87178}$	$8\overline{2095}$	$\frac{770}{770}$
.73	$\bar{2} \cdot 67 71928$	66845	61762	56679	51597	46515	41433	36352	31270	261
$\cdot 74$	21108	16028	10948	05868	00788	95708	$\frac{11133}{90629}$	85550	$\overline{80472}$	753
.75	$\bar{2} \cdot 66 70315$	65237	60159	55081	50004	44927	39851	34774	29698	246
.76	19546	14471	09396	04321	$9\overline{9246}$	$\frac{11021}{94172}$	$\frac{39091}{89097}$	$\frac{84023}{84023}$	78950	738
.77	$\bar{2} \cdot 65 \ 68803$	63730	58658	53585	48513	43441	38369	33298	28227	231
.78	18085	13015	07944	02874	$\frac{10015}{97805}$	$\frac{10111}{92735}$	$\frac{3336}{87666}$	$\frac{33203}{82597}$	$7\overline{7528}$	$7\overline{24}$
.79	$\bar{2} \cdot 64 \ 67391$	62323	57256	52188	47121	42054	36987	31920	26854	217
2.80	16722	11657	06591	01526	96461	$\frac{12891}{91397}$	$\frac{86332}{86332}$	$\frac{31028}{81268}$	$\overline{76204}$	711
·81	$\bar{2} \cdot 63 \ 66077$	61014	55951	50889	45826	40764	35702	30640	25579	205
.82	15457	10396	05335	00275	$\frac{15025}{95215}$	90155	85096	$\frac{30036}{80036}$	$7\overline{4977}$	699
.83	$\bar{2} \cdot 62 \ 64860$	59801	54743	49685	44628	39570	34513	29456	24399	193
.84	14287	09231	04175	$\frac{10000}{99120}$	$\frac{11028}{94064}$	89009	$\frac{31918}{83954}$	$\frac{20100}{78900}$	$\overline{73846}$	687
.85	$\bar{2} \cdot 61 \ 63738$	58684	53631	48577	43524	38472	33419	28367	23315	182
.86	13212	08160	03109	$\frac{28059}{98059}$	93008	87958	$\frac{33118}{82908}$	$\frac{26551}{77858}$	$\overline{72808}$	677
·87	$\bar{2} \cdot 60 \ 62709$	57660	52612	47563	42515	37467	32419	27371	22324	172
.88	12230	07183	02137	$\frac{17000}{97091}$	$\frac{12015}{92045}$	86999	81954	$\frac{276908}{76908}$	$\overline{71863}$	668
.89	$\bar{2} \cdot 59 61774$	56729	51685	46641	41598	• 36554	31511	26468	21425	163
2.90	11340	06298	01257	96215	$\frac{11303}{91173}$	$8\overline{6132}$	81091	$\frac{26155}{76051}$	$\overline{71010}$	$\overline{659}$
•91	$\bar{2}.5860930$	55890	50851	45811	40772	35733	30694	25656	20618	155
$\cdot 92$	10542	05505	00467	$\frac{10011}{95430}$	$\frac{10112}{90393}$	$\frac{55755}{85357}$	$\frac{30034}{80320}$	$\frac{25085}{75284}$	$\frac{20018}{70248}$	$\overline{652}$
.93	$\bar{2} \cdot 57 60177$	55141	50106	45071	40037	35002	29968	24934	19900	148
.94	09834	04801	$9\overline{9768}$	$9\overline{4735}$	$\frac{10091}{89703}$	$\frac{83602}{84671}$	$\frac{23500}{79639}$	$\frac{21001}{74607}$	$\frac{20000}{69575}$	645
.95	$\bar{2}.56\ 59513$	54482	49451	44421	39391	34361	29331	24301	19272	142
.96	09214	04185	$\frac{10151}{99157}$	$\frac{11121}{94128}$	89100	$\frac{31001}{84073}$	$\frac{23031}{79045}$	$\frac{21001}{74018}$	$\frac{68991}{68991}$	639
$\cdot 97$	$\bar{2}.55\ 58937$	53910	48884	43858	38832	33807	28781	23756	18731	137
.98	08682	03657	$\frac{10001}{98633}$	$\frac{18686}{93609}$	88586	$\frac{33567}{83562}$	$\frac{28131}{78539}$	$\frac{23105}{73516}$	$\frac{10.01}{68493}$	$\frac{10}{634}$
.99	$\bar{2}.54\ 58448$	53426	48404	43382	38361	33339	28318	23297	18277	132
~ ~	08236	03216	$\frac{10101}{98196}$	$\frac{43362}{93177}$	$\frac{38301}{88157}$	$\frac{55559}{83138}$	$\frac{26318}{78119}$	$\frac{23237}{73100}$	$\frac{10211}{68081}$	$\frac{102}{630}$

J. 1	OPPING	AND	A.	Ľ.	LUDLAM	ON	TABLES	OF.	LOG	\mathbf{K}_0 (x	٠).

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No.	0	1	$_2$	3	4.	5	6	7	8	9
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3.00	$\bar{2} \cdot 54 \ 08236$	03216	$\overline{98196}$	$\overline{93177}$	88157	83138	78119	$\overline{73100}$	68081	$\overline{63063}$
01	$\overline{2} \cdot 53 \ 58045$	53027	48010	42992	37975	32958	27941	22924	17908	12892
.02	07876	02860	$\frac{97844}{97844}$	$\frac{42332}{92829}$	87814	$\frac{32336}{82799}$	$\frac{27341}{77784}$	$\frac{22324}{72769}$	$\frac{17505}{67755}$	$\frac{12632}{62741}$
.03	$\bar{2} \cdot 52 \ 57727$	52713	47700	42687	37674	32661	27648	22636	$\begin{array}{c c} 17624 \end{array}$	$\frac{02741}{12612}$
.04	07600	02588	$\frac{17700}{97577}$	$\frac{12001}{92566}$	87555	$\frac{32001}{82544}$	$\frac{27048}{77533}$	$\frac{22030}{72523}$	$\frac{17024}{67513}$	$\frac{12012}{62503}$
•05	$5.51 \ 57493$	52483	47474	42465	37456	32448	27439	22431	17423	12415
.06	07407	02400	$\frac{1111}{97392}$	$\frac{12105}{92385}$	87378	$\frac{82110}{82372}$	$\frac{27166}{77365}$	$\frac{22151}{72359}$	67353	$\frac{62347}{62347}$
.07	$\bar{2} \cdot 50 \ 57342$	52336	47331	42326	37321	32317	27312	22308	17304	12300
.08	07297	02293	$\frac{17001}{97290}$	$\frac{12020}{92287}$	87284	$\frac{8231}{82282}$	$\frac{27312}{77279}$	$\frac{22800}{72277}$	$\frac{17301}{67275}$	$\frac{12900}{62273}$
.09	5.26	52270	47269	42268	37267	32267	27266	22266	17266	12267
3.10	07267	02268	$9\overline{7269}$	$\frac{12230}{92270}$	$\frac{87271}{87271}$	82272	$\frac{27233}{77274}$	$\frac{72276}{72276}$	$\frac{67278}{67278}$	$6\overline{2280}$
•11	5.4857283	52285	47288	42291	37294	32298	27301	22305	17309	12314
.12	07318	02323	97327	92332	87338	82343	$\frac{77349}{77349}$	$\frac{72355}{72355}$	$\frac{67361}{67361}$	$\frac{12311}{62367}$
•13	$\bar{2} \cdot 47 57373$	52380	47387	42394	37401	32408	27416	22424	17432	12440
•14	07448	02457	$9\overline{7465}$	$\frac{2}{92474}$	87483	$\frac{82493}{82493}$	$\frac{77502}{77502}$	$\frac{72512}{72512}$	$\overline{67522}$	62532
•15	$\bar{2} \cdot 46 57543$	52553	47564	42575	37586	32597	27609	22620	17632	12644
·16	07657	02669	$\overline{97682}$	92694	87707	82721	$\overline{77734}$	$7\overline{2748}$	$6\overline{7761}$	$6\overline{2775}$
17	5.4557790	52804	47819	42833	37848	32863	27879	22894	17910	12926
·18	07942	02958	$\overline{97975}$	$9\overline{2991}$	88008	83025	$\overline{78042}$	73060	$\overline{68077}$	$\frac{1}{63095}$
.19	$\bar{2} \cdot 44 58113$	53132	48150	43168	38187	33206	28225	23245	18264	13284
3.20	08304	03324	$\overline{98344}$	$\overline{93364}$	88385	83406	$\overline{78427}$	$\overline{73448}$	$\overline{68470}$	63491
•21	2.43 58513	53535	48557	43579	38602	33624	28647	23670	18694	13717
.22	08741	03765	98789	$\overline{93813}$	88837	$\overline{83862}$	$\overline{78886}$	$\overline{73911}$	$\overline{68937}$	$\overline{63962}$
•23	$\bar{2} \cdot 42 58987$	54013	49039	44065	38091	34118	29144	24171	19198	14225
.24	09253	04280	99308	94336	89364	$8\overline{4392}$	$\overline{79420}$	$7\overline{4449}$	$\overline{69478}$	$\overline{64507}$
•25	$\bar{2} \cdot 41 59536$	54566	49595	44625	39655	34685	29715	24746	19776	14807
•26	09838	04869	99901	$9\overline{4933}$	$\overline{89964}$	$\overline{84996}$	80028	$7\overline{5061}$	$\overline{70093}$	$\overline{65126}$
.27	$\bar{2} \cdot 40 60159$	55192	50225	45258	40292	35326	30360	25394	20428	15462
•28	10497	05532	00567	$\overline{95602}$	$9\overline{0637}$	$\overline{85673}$	$\overline{80709}$	$\overline{75745}$	$\overline{70781}$	$\overline{65817}$
•29	$\bar{2} \cdot 39 60853$	55890	50927	45964	41001	36038	31076	26113	21151	16189
3.30	11228	06266	01305	$9\overline{6343}$	$\overline{91382}$	$\overline{86421}$	$\overline{81461}$	$7\overline{6500}$	$\overline{71540}$	$\overline{66580}$
•31	$\bar{2} \cdot 38 \ 61620$	56660	51700	46741	41781	36822	31863	26905	21946	16988
·32	12029	07071	02113	$\overline{97156}$	$\overline{92198}$	87241	82284	$\overline{77327}$	$7\overline{2370}$	$\overline{67413}$
•33	$\bar{2} \cdot 37 \ 62457$	57500	52544	47588	42632	37677	32721	27766	22811	17856
•34	12901	07947	02992	98038	93084	88130	$8\overline{3177}$	$\overline{78223}$	$\overline{73270}$	$\overline{68317}$
•35	$\bar{2} \cdot 36 63363$	58410	53458	48505	43553	38601	33649	28697	23745	18794
•36	13843	08892	03941	98990	94039	89089	84139	79189	74239	69289
•37	$\bar{2} \cdot 35 \ 64339$	59390	54441	49492	44543	39594	34646	29697	24749	19801
•38	14853	09906	04958	00011	95064	90117	85170	80223	75276	70330
•39	$\bar{2} \cdot 34 \ 65384$	60438	55492	50547	45601	40656	35711	30766	25821	20876
3.40	15932	10987	06043	01099	$\overline{96155}$	91212	86268	81325	76382	71439
•41	$\bar{2} \cdot 33 \ 66496$	61554	56611	51669	46727	41785	36843	31901	26960	22018
•42	17077	12136	07195	02255	97314	92374	87434	82494	77554	72614
•43	$\bar{2} \cdot 32 \ 67675$	62736	57797	52858	47919	42980	38042	33103	28165	23227
•44	18289	13352	08414	03477	98540	93603	88666	83729	78792	73856
•45	$\bar{2} \cdot 31 \ 68920$	63984	59048	54113	$\frac{49177}{}$	44241	39306	34371	29436	24501
•46	19567	14632	09698	04764	99830	94896	89963	85029	80096	75163
•47	$\bar{2} \cdot 30 70230$	65297	60365	55432	50500	45568	40636	$\frac{35704}{33305}$	30772	25841
•48	20910	15978	11047	06116	01186	96255	91325	86395	81465	76535
•49	2.29 71605	66675	61746	56817	51888	46959	42030	37101	32173	27244
3.50	22316	17388	12460	07533	02605	97678	92751	87824	82897	77970
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No.	0	1	2	3	4	5	6	7	8	9
3.50	$\bar{2} \cdot 29 \ 22316$	17388	12460	07533	02605	97678	$\overline{92751}$	$\overline{87824}$	$\overline{82897}$	77970
.51	$\bar{2} \cdot 28 73044$	68117	63191	58265	53339	48413	43487	38562	33637	28712
.52	23787	18862	13937	09012	04088	$\overline{99164}$	$\overline{94240}$	89316	$\overline{84392}$	$\overline{79468}$
.53	$\bar{2} \cdot 27 74545$	69622	64699	59776	54853	49930	45008	40086	35164	30242
.54	25320	20398	15476	10555	05634	00713	$\overline{95792}$	90871	85951	81030
.55	$\bar{2} \cdot 26 76110$	71190	66270	61350	56430	51511	46591	41672	36753	31834
.56	26915	21997	17078	12160	07242	02324	97406	92488	87571	82654
.57	$\bar{2} \cdot 25 77737$	72820	67903	62986	58069	53153	48237	43321	38405	33489
.58	28573	23658	18742	13827	08912	03997	99082	$\overline{94167}$	$\overline{89253}$	84339
.59	$\overline{2} \cdot 24 79425$	74511	69597	64683	59769	54856	49943	45030	40117	35204
3.60	30291	25379	20466	15554	10642	05730	00818	95907	90995	86084
.61	$\bar{2} \cdot 23 81173$	76262	71351	66441	61530	56620	51709	46799	41889	36979
.62	32070	27160	22251	17342	12433	07524	02615	$\overline{97706}$	$\overline{92798}$	87889
.63	$\bar{2} \cdot 22 82981$	78073	73165	68258	63350	58443	53535	48628	43721	38815
.64	33908	29001	24095	19189	14283	09377	04471	99565	94660	89754
.65	$\bar{2} \cdot 21 84849$	79944	75039	70134	65230	60325	55421	50517	45613	40709
.66	35805	30901	25998	21095	16192	11289	06386	01483	96580	$\overline{91678}$
.67	$\bar{2} \cdot 20 86775$	81873	76971	72069	67168	62266	57365	52463	47562	42661
.68	37760	32860	27959	23059	18158	13258	08358	03458	98559	93659
.69	$\bar{2} \cdot 19 88760$	83860	78961	74062	69163	64265	59366	54468	49569	44671
3.70	39773	34875	29978	25080	20183	15285	10388	05491	00594	95698
.71	$\bar{2} \cdot 1890801$	85905	81008	76112	71216	66320	61425	56529	51634	46738
.72	41843	36948	32053	27159	22264	17370	12475	07581	02687	97793
.73	$\bar{2} \cdot 17 92899$	88006	83112	78219	73326	68433	63540	58647	53755	48862
.74	43970	39078	34186	29294	24402	19510	14619	09727	04836	99945
.75	$\bar{2} \cdot 1695054$	90163	85273	80382	75492	70602	65712	60822	55932	51043
.76	46153	41263	36374	31485	26596	21707	16818	11930	07042	02153
.77	$\bar{2} \cdot 15 97265$	92377	87489	82601	77714	72827	67939	63052	58165	53279
.78	48392	43505	38618	33732	28846	23960	19074	14188	09302	04416
.79	$\bar{2} \cdot 14 99531$	94646	89761	84876	79991	75106	70221	65337	60453	55569
3.80	50685	45801	40917	36033	31150	26266	21383	16500	11617	06734
•81	01852	96969	92087	87204	82322	77440	72558	67676	62795	57913
.82	$\bar{2} \cdot 13 53032$	48151	43270	38389	33508	28627	23747	18866	13986	09106
.83	04226	99346	$\overline{94466}$	89587	84707	$\overline{79828}$	$\overline{74949}$	70070	$\overline{65191}$	$\overline{60312}$
·84	$\bar{2} \cdot 12 \ 55433$	50555	45677	40798	35920	31042	26164	21286	16409	11532
•85	06654	01777	96900	$\overline{92023}$	$\overline{87146}$	$\overline{82269}$	$\overline{77393}$	$\overline{72516}$	$\overline{67640}$	$\overline{62764}$
.86	$\bar{2} \cdot 11 57888$	53012	48136	43260	38385	33510	28635	23760	18885	14010
·87	09135	04260	99386	$\overline{94512}$	$\overline{89637}$	$\overline{84763}$	$\overline{79889}$	$\overline{75015}$	$\overline{70142}$	$\overline{65268}$
.88	$\bar{2} \cdot 10 60395$	55522	50649	45776	40903	36030	31157	26285	21412	16540
.89	11668	06796	01924	97053	$\overline{92181}$	87310	$\overline{82438}$	$\overline{77567}$	$\overline{72696}$	$\overline{67825}$
3.90	$\bar{2} \cdot 09 62954$	58084	53213	48343	43472	38602	33732	28862	23992	19123
•91	14253	09384	04515	$\overline{99646}$	$\frac{1}{94777}$	89908	$\frac{85039}{85039}$	80170	$\overline{75302}$	$\overline{70433}$
$\cdot 92$	$\bar{2} \cdot 08 65565$	60697	55829	50961	46093	41226	36358	31491	26624	21757
•93	16890	12023	07156	02289	$\overline{97423}$	$\frac{1}{92557}$	87690	$\overline{82824}$	$\overline{77958}$	$\overline{73093}$
•94	$\bar{2} \cdot 07 \ 68227$	63361	58496	53631	48766	43901	39036	34171	29306	24441
$\cdot 95$	19577	14713	09848	04984	00121	$\frac{25}{95257}$	90393	85529	80666	$\overline{75803}$
•96	$\bar{2} \cdot 06 70940$	66077	61214	56351	51488	46626	41763	36901	32039	27177
•97	22315	17453	12592	07730	02869	$\frac{13023}{98007}$	$\frac{12135}{93146}$	88285	$\overline{83424}$	$\overline{78564}$
•98	$\bar{2} \cdot 05 73703$	68843	63982	59122	54262	49401	44541	39681	34822	29963
.99	25103	20244	15385	10526	05667	00808	95949	$\overline{91091}$	$\overline{86232}$	$\overline{81374}$
4.00	$\overline{2} \cdot 04 76516$	7166	6680	6194	5708	5223	4737	4251	3765	3280

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No.	0	1	2	3	4	5	6	7	8	9
4.00	$\bar{2} \cdot 04 7652$	7166	6680	6194	5708	5223	4737	4251	3765	3280
.01	2794	2308	1823	1337	0851	0366	9880	$\frac{1201}{9395}$	8909	$\overline{8423}$
.02	$\bar{2} \cdot 037938$	7452	6967	6481	5996	5510	5025	4539	4054	3568
•03	3083	2597	2112	1626	1141	0656	0170	$9\overline{685}$	$\overline{9200}$	8714
.04	$\bar{2} \cdot 02 8229$	7744	7258	6773	6288	5802	5317	4832	4347	3861
.05	3376	2891	2405	1920	1435	0950	0465	$\overline{9980}$	$9\overline{4}9\overline{4}$	9009
.06	[5.01 8524]	8039	7554	7069	6584	6099	5614	5129	4644	4159
.07	3674	3189	2704	2219	1734	1250	0765	0280	$\overline{9795}$	9310
•08	$\bar{2} \cdot 00 8825$	8340	7856	7371	6886	6401	5916	5432	4947	4462
.09	3978	3493	3008	2523	2039	1554	1069	0585	0100	$\overline{9615}$
4.10	$[\bar{3} \cdot 99 \ 9131]$	8646	8162	7677	7192	6708	6223	5739	5254	4770
•11	4285	3801	3316	2832	2347	1863	1379	0894	0410	$\overline{9925}$
$\cdot 12$	$\bar{3} \cdot 989441$	8957	8472	7988	7504	7019	6535	6051	5567	5082
•13	4598	4114	3629	3145	2661	2177	1693	1208°	0724	0240
.14	$\bar{3} \cdot 979756$	9272	8788	8304	7819	7335	6851	6367	5883	5399
·15	4915	4431	3947	3463	2979	2495	2011	1527	1043	0559
·16	3.97 0075	$\overline{9592}$	$9\overline{108}$	$\overline{8624}$	$8\overline{140}$	$\overline{7656}$	$\overline{7172}$	$\overline{6688}$	$6\overline{204}$	5720
$\cdot 17$	$\bar{3} \cdot 96 5237$	4753	4269	3785	3302	2818	2334	1850	1367	0883
·18	0399	9915	9432	8948	8464	$7\overline{981}$	$\overline{7497}$	$\overline{7014}$	6530	6046
·19	3.955563	5079	4596	4112	3629	3145	2662	2178	1694	1211
$4 \cdot 20$	0728	0244	$\overline{9761}$	$9\overline{277}$	8794	8310	7827	$\overline{7344}$	6860	6377
•21	3.945893	5410	4927	4443	3960	3477	2993	2510	2027	1544
$\cdot 22$	1060	0577	0094	9611	$\overline{9128}$	8644	$\overline{8161}$	7678	7195	6712
•23	3.936229	5745	5262	4779	4296	3813	3330	2847	2364	1881
$\cdot 24$	1398	0915	0432	9949	$\overline{9466}$	8983	8500	8017	7534	7051
$\cdot 25$	$\bar{3} \cdot 92 6568$	6085	5602	5119	4636	4154	3671	3188	2705	2222
•26	1739	1257	0774	0291	9808	9325	8843	8360	7877	7395
.27	$\bar{3} \cdot 91 \ 6912$	6429	5947	5464	4981	4499	4016	3533	3051	2568
•28	2086	1603	1120	0638	0155	9673	9190	8708	8225	7743
•29	3.90 7260	6778	6295	5813	5331	4848	4366	3883	3401	2919
$4 \cdot 30$	2436	1954	1471	0989	0507	0024	9542	9060	8578	8095
•31	$\bar{3} \cdot 89 7613$	7131	6649	6166	5684	5202	4720	4237	3755	3273
•32	2791	2309	1827	1345	0862	0380	9898	9416	8934	8452
•33	3 ·88 7970	7488	7006	6524	6042	5560	5078	4596	4114	3632
•34	3150	2668	2186	1704	1222	0740	0258	9777	9295	8813
•35	$\bar{3} \cdot 87 8331$	7849	7367	6885	6404	5922	5440	4958	4477	3995
•36	3513	3031	2550	2068	1586	1104	0623	0141	9660	9178
•37	$\bar{3}.868696$	8215	7733	7251	6770	6288	5807	5325	4844	4362
•38	3880	3399	2917	2436	1954	1473	0992	0510	0028	9547
•39	$\bar{3}.859066$	8584	8103	7621	7140	6659	6177	5696	5215	4733
4.40	4252	3771	3289	2808	2327	1846	1364	0883	0402	9921
•41	3.84 9439	8958	8477	7996	7515	7033	6552	6071	5590	5109
•42	4628	4147	3665	3184	2703	2222	1741	1260	0779	0298 5488
•43	3.83 9817	9336	8855	8374	7893	7412	6931	6450	5969	0680
•44	5007	4526	4046	3565	3084	2603	2122	1641	$\frac{1160}{6353}$	$\begin{array}{c c} 5872 \\ \hline \end{array}$
•45	3.83 0199	9718	9237	8756	8276	7795	7314	6833	1	1065
•46	$\bar{3} \cdot 82 \ 5391$	4910	4430	3949	3468	2988	$\frac{2507}{7701}$	$\begin{array}{c c} 2026 \\ \overline{7220} \end{array}$	$\frac{1546}{6740}$	$\frac{1065}{6259}$
•47	0584	0104	9623	9143	8662	8181	7701	i	1935	1454
•48	3.81 5779	5298	4818	4337	3857	3376	2896	$\frac{2415}{7611}$	$\frac{1935}{7131}$	$\frac{1454}{6651}$
•49	0974	0494	0013	9533	9052	8572	8092 3289	2808	2328	1848
4.50	3.80 6170	5690	5210	4729	4249	3769	3409	4000	4040	1010
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No.	0	1	2	3	4	5	6	7	8	9
4.50	3.80 6170	5690	5210	4729	4249	3769	3289	2808	2328	1848
•51	1368	0887	0407	$\overline{9927}$	$\overline{9447}$	8967	8486	8006	$\overline{7526}$	$7\overline{046}$
.52	$\bar{3} \cdot 79 6566$	6086	5606	5125	4645	4165	3685	3205	2725	2245
.53	1765	1285	0805	0325	9845	9365	8885	8405	$\overline{7925}$	$\overline{7445}$
.54	$\bar{3} \cdot 78 6965$	6485	6005	5525	5046	4566	4086	3606	3126	2646
.55	2166	1687	1207	0727	0247	$\frac{1560}{9768}$	$\frac{1000}{9288}$	8808	$\frac{\overline{3128}}{8\overline{328}}$	$\overline{7848}$
.56	3.77 7369	6889	6409	5929	5450	4970	4490	4011	3531	3051
.57	2572	2092	1612	1133	0653	0174	9694	$9\overline{214}$	8735	8255
•58	3.76 7776	7296	6817	6337	5858	5378	4899	4419	3940	3460
•59	2981	2501	2022	1542	1063	0584	0104	$\frac{1415}{9625}$	$\frac{9316}{9145}$	8666
4.60	$\bar{3}.758187$	7707	7228	6749	6269	5790	5311	4831	4352	3873
•61	3394	2914	2435	1956	1477	0997	0518	0039	$\frac{4552}{9560}$	$\frac{9013}{9081}$
$\cdot 62$	$\bar{3}.748601$	8122	7643	7164	6685	6206	5727	5247	4768	4289
.63	3810	3331	2852	2373	1894	1415	0936	0457	$\frac{1108}{9978}$	$\frac{1209}{9499}$
•64	$\bar{3} \cdot 739020$	8541	8062	7583	7104	6625	6146	5667	5188	4709
.65	4230	3751	3272	2793	2315	1836	1357	0878	0399	$\frac{9920}{9920}$
.66	$\bar{3} \cdot 729442$	8963	8484	8005	7527	7048	6569	6090	5612	5133
.67	4654	4175	3697	3218	2739	2261	1782	1304	0825	0346
•68	$\bar{3} \cdot 719868$	9389	8910	8432	7953	7475	6996	6518	6039	5560
.69	5082	4603	4125	3646	3168	2689	2211	1732	1254	0775
4.70	0297	$\frac{1000}{9819}$	$\frac{1120}{9340}$	8862	8383	$\frac{2009}{7905}$	$\frac{7427}{7427}$	$\frac{1132}{6948}$	$\frac{1234}{6470}$	$\frac{5992}{5992}$
.71	$\bar{3} \cdot 70 \ 5513$	5035	4557	4078	3600	3122	2643	2165	1687	1209
$\cdot 72$	0730	0252	9774	$\frac{9018}{9296}$	8817	8339	$\frac{2043}{7861}$	$\frac{2103}{7383}$	6904	$\frac{1209}{6426}$
.73	$\bar{3} \cdot 69 5948$	5 47 0	4992	4514	4035	3557	3079	2601	2123	1645
.74	1167	0689	0211	$\frac{1314}{9733}$	$\frac{1055}{9255}$	8777	$\frac{3079}{8299}$	$\frac{2001}{7821}$	$\frac{2123}{7343}$	6865
.75	$\bar{3} \cdot 68 \ 6387$	5909	5431	4953	4475	3997	3519	3041	2563	2085
.76	1607	1129	0651	0173	9696	$\frac{9331}{9218}$	8740	$8\overline{262}$	$\frac{2808}{7784}$	$\frac{2005}{7306}$
.77	$\bar{3} \cdot 67 \ 6828$	6351	5873	5395	4917	4439	3962	3484	3006	2528
.78	2051	1573	1095	0618	0140	$9\overline{662}$	$\frac{9382}{9184}$	8707	$8\overline{229}$	$\frac{2820}{7751}$
.79	$\bar{3} \cdot 66 7274$	6796	6319	5841	5363	4886	4408	3930	3453	2975
4.80	2498	2020	1543	1065	0588	0110	$\frac{1100}{9633}$	$9\overline{155}$	8678	$\frac{2810}{8200}$
.81	$\bar{3} \cdot 65 7723$	7245	6768	6290	5813	5335	4858	4381	3903	3426
.82	2948	2471	1994	1516	1039	0562	0084	$\frac{1001}{9607}$	$9\overline{130}$	$\frac{8120}{8652}$
.83	$\bar{3} \cdot 64 \ 8175$	7698	7220	6743	6266	5789	5311	4834	4357	3880
.84	3402	2925	2448	1971	1494	1016	0539	0062	9585	$9\overline{108}$
.85	$\bar{3} \cdot 63 8631$	8153	7676	7199	6722	6245	5768	5291	4814	4337
.86	3860	3383	2906	2429	1952	1475	0998	0521	0044	9567
.87	$\bar{3} \cdot 629090$	8613	8136	7659	7182	6705	6228	5751	5274	4797
.88	4321	3844	3367	2890	2413	1936	1460	0983	0506	0029
.89	$\bar{3} \cdot 61 9552$	9076	8599	8122	7645	7169	6692	6215	5738	5262
4.90	4785	4308	3832	3355	2878	2402	1925	1448	0972	0495
·91	0018	9542	9065	8589	$\frac{2010}{8112}$	$\frac{7635}{7635}$	$\frac{7159}{7159}$	$\frac{6682}{6682}$	$\frac{6312}{6206}$	$\frac{5729}{5729}$
.92	3.60 5253	4776	4300	3823	3347	2870	2393	1917	1440	0964
•93	0488	0011	9535	$9\overline{058}$	$\frac{551}{8582}$	8105	$\frac{2636}{7629}$	$\frac{7\overline{153}}{7\overline{153}}$	$\frac{1110}{6676}$	$\frac{6200}{6200}$
•94	$\bar{3} \cdot 59 5723$	5247	4771	4294	3818	3342	2865	2389	1913	1437
$\cdot 95$	0960	0484	0008	$9\overline{531}$	9055	$\frac{5512}{8579}$	$8\overline{103}$	$\frac{2606}{7626}$	$\frac{7150}{7150}$	$\frac{110}{6674}$
•96	3.58 6198	5721	5245	4769	4293	3817	3340	2864	2388	1912
•97	1436	0960	0484	0008	$9\overline{531}$	9055	8579	$\overline{8103}$	$\frac{2666}{7627}$	$\frac{7151}{7151}$
•98	$\bar{3} \cdot 57 \ 6675$	6199	5723	5247	4771	4295	3819	3343	2867	2391
.99	1915	1439	0963	0487	0011	$9\overline{535}$	9059	$8\overline{583}$	8107	$\overline{7631}$
5.00	$\bar{3} \cdot 56 7156$	6680	6204	5728	5252	4776	4300	3825	3349	2873
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MATHEMATICAL, PHYSICAL & ENGINEERING SCIENCES

TRANSACTIONS SOCIETY A

MATHEMATICAL,
PHYSICAL
& ENGINEERING
SCIENCES

TRANSACTIONS SOCIETY A

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No.	0	1	$_2$	3	4	5	6	7	8	9
No.	U	1	4	0	±:	9	U	•	0	9
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5.00	$\bar{3}.567156$	6680	6204	5728	5252	4776	4300	3825	3349	2873
•01	2397	1921	1445	0970	0494	0018	$\overline{9542}$	$\overline{9067}$	$\overline{8591}$	8115
•02	$\bar{3}.557639$	7164	6688	6212	5736	5261	4785	4309	3834	3358
•03	2882	2407	1931	1456	0980	0504	0029	$\overline{9553}$	$9\overline{077}$	$\overline{8602}$
.04	$\bar{3} \cdot 54 8126$	7651	7175	6700	6224	5748	5273	4797	4322	3846
.05	3371	2896	2420	1945	1469	0994	0519	0043	9568	$\overline{9092}$
•06	$[\bar{3}.53\ 8617]$	8141	7666	7191	6715	6240	5764	5289	4814	4338
.07	3863	3388	2912	2437	1962	1486	1011	0536	0060	9585
•08	$\bar{3} \cdot 529110$	8635	8159	7684	7209	6734	6258	5783	5308	4833
.09	4358	3882	3407	2932	2457	1982	1507	1031	0556	0081
5.10	$\bar{3} \cdot 51 9606$	9131	8656	8181	7706	7231	6756	6281	5806	5331
•11	4856	4381	3906	3431	2956	2481	2006	1531	1056	0581
·12	0106	9631	9156	8681	8206	7731	7256	6781	6306	5831
•13	$\bar{3} \cdot 50 \ 5356$	4882	4407	3932	3457	2982	2507	2033	1558	1083
·14	0608	0133	9658	9184	8709	8234	7759	7285	6810	6335
•15	$\bar{3} \cdot 49 5860$	5385	4911	4436	3961	3487	3012	2537	2063	1588
·16	1113	0639	0164	9690	9215	8740	8266	7791	7317	6842
17	$\bar{3} \cdot 48 \ 6367$	5893	5418	4944	4469	3995	3520	3046	2571	2097
·18	1622	1148	0673	0199	9724	9250	8775	8301	7827	7352
•19	$\bar{3} \cdot 47 6878$	6403	5929	5455	4980	4506	4031	3557	3083	2608
5.20	2134	1660	1185	0711	0237	9762	9288	8814	8339	7865
•21	3.46 7391	6917	6442	5968	5494	5020	4545	4071	3597	$\frac{3123}{2221}$
•22	2649	2174	1700	1226	0752	$0278 \\ 5536$	9804	9329	8855	8381
·23	3.45 7907	7433	6959	6485	6011	0796	$5062 \\ 0322$	$\frac{4588}{9848}$	$\begin{array}{c} 4114 \\ \overline{9374} \end{array}$	$\frac{3640}{8900}$
•24	3166	2692	2218	1744	$1270 \\ 6530$	6056	5582	5108	4634	4160
•25	3.44 8426	$7952 \\ 3213$	$7478 \\ 2739$	$7004 \\ 2265$	1791	1317	0843	0369	$\frac{4034}{9895}$	$\frac{9100}{9422}$
$\begin{array}{ c c c } \cdot 26 \\ \cdot 27 \end{array}$	3687 $\overline{3} \cdot 438948$	8474	8000	7526	7052	6579	6105	5631	5157	4684
28	4210	3736	$\begin{array}{c} 3262 \end{array}$	2788	2315	1841	1367	0894	0420	9946
29	$\bar{3} \cdot 429472$	8999	8525	8051	7578	7104	6630	6157	5683	5209
$5 \cdot 30$	4736	4262	3789	3315	2841	2368	1894	1421	0947	0474
31	0000	$\frac{1202}{9526}$	9053	$\frac{8579}{8579}$	8106	$\overline{7632}$	$\overline{7159}$	6685	$\overline{6212}$	$\overline{5738}$
.32	$\overline{3} \cdot 41 \ 5265$	4791	4318	3844	3371	2897	2424	1951	1477	1004
•33	0530	0057	9584	9110	$\overline{8637}$	8163	$\overline{7690}$	$\overline{7217}$	$\overline{6743}$	$\overline{6270}$
•34	$\bar{3} \cdot 40 5797$	5323	4850	4377	3903	3430	2957	2483	2010	1537
•35	1064	0590	0117	$\overline{9644}$	$\overline{9170}$	8697	8224	$775\overline{1}$	$\overline{7278}$	$\overline{6804}$
.36	$\bar{3} \cdot 39 6331$	5858	5385	4912	4438	3965	3492	3019	2546	2073
•37	1600	1126	0653	0180	9707	$9\overline{234}$	8761	8288	7815	$\overline{7342}$
•38	3.38 6869	6396	5923	5450	4977	4504	4031	3 558	3085	2612
•39	2139	1666	1193	0720	0247	9774	9301	8828	8355	7882
5.40	$\bar{3} \cdot 37 7409$	6936	6463	5990	5518	5045	4572	4099	3626	3153
•41	2680	2207	1735	1262	0789	0316	9843	9370	8898	8425
•42	$\bar{3} \cdot 36 7952$	7479	7007	6534	6061	5588	5116	4643	4170	3697
•43	3225	2752	2279	1806	1334	0861	0388	9916	9443	8970
•44	3.358498	8025	7552	7080	6607	6135	5662	5189	4717	4244
•45	3772	3299	2827	2354	1882	1409	0937	0464	9991	9519
•46	$\bar{3} \cdot 34 9047$	8574	8102	7629	7157	6684	6212	5739	5267	4794
•47	4322	3849	3377	2905	2432	1960	1487	1015	0543	0070
•48	3.33 9598	9125	8653	8181	7708	7236	6764	6291	5819	5347
•49	4874	4402	3930	3458	2985	$\frac{2513}{7791}$	$\begin{array}{ c c }\hline 2041\\ \hline 7318\end{array}$	$\frac{1568}{6846}$	$\begin{array}{ c c c }\hline 1096 \\ \hline 6374 \\ \hline \end{array}$	$\begin{array}{c} 0624 \\ \overline{5902} \end{array}$
5.50	0152	9680	9207	8735	8263	7791	1910	0040	0913	0002
1 .	1	1	1	1	`	1	•			

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No.	0	1	2	3	4:	5	6	7	8	9
5.50	$\bar{3} \cdot 33 \ 0152$	9680	9207	8735	8263	7791	7318	$\overline{6846}$	$\overline{6374}$	5902
$\cdot 51$	$\bar{3} \cdot 32 5430$	4958	4485	4013	3541	3069	2597	2125	1653	1181
$\cdot 52$	0708	0236	$\overline{9764}$	$\overline{9292}$	8820	8348	7876	$\overline{7404}$	$\overline{6932}$	6460
$\cdot 53$	$\bar{3} \cdot 31 5988$	5516	5044	4572	4100	3628	3156	2684	2212	1740
$\cdot 54$	1268	0796	0324	9852	9380	8908	8436	7964	$\overline{7492}$	7020
$\cdot 55$	$\bar{3} \cdot 30 6548$	6076	5605	5133	4661	4189	3717	3245	2773	2301
$\cdot 56$	1830	1358	0886	0414	9942	9470	8999	8527	8055	7583
$\cdot 57$	$ \bar{3} \cdot 29 7111$	6640	6168	5696	5224	4753	4281	3809	3337	2866
•58	2394	1922	1450	0979	0507	0035	$9\overline{564}$	$\overline{9092}$	8620	8149
$\cdot 59$	$\bar{3} \cdot 28 7677$	7205	6734	6262	5790	5319	4847	4375	3904	3432
$5 \cdot 60$	2961	2489	2017	1546	1074	0603	0131	9660	$9\overline{188}$	8717
$\cdot 61$	$\bar{3} \cdot 27 8245$	7774	7302	6831	6359	5888	5416	4945	4473	4002
•62	3530	3059	2587	2116	1644	1173	0702	0230	$\overline{9759}$	9287
.63	3.26 8816	8345	7873	7402	6930	6459	5988	5516	5045	4574
$\cdot 64$	4102	3631	3160	2688	2217	1746	1274	0803	0332	9861
$\cdot 65$	$\bar{3} \cdot 25 9389$	8918	8447	7975	7504	7033	6562	6090	5619	5148
$\cdot 66$	4677	4206	3734	3263	2792	2321	1850	1378	0907	0436
$\cdot 67$	$\bar{3} \cdot 24 9965$	9494	9023	8552	8081	7609	7138	6667	6196	5725
•68	5254	4783	4312	3841	3370	2899	2428	1957	1486	1015
$\cdot 69$	0544	0073	$9\overline{602}$	$9\overline{131}$	8660	8189	7718	$7\overline{247}$	$\overline{6776}$	6305
5.70	3.23 5834	5363	4892	4421	3950	3479	3008	2537	2066	1596
$\cdot 71$	1125	0654	0183	$9\overline{7}12$	$9\overline{241}$	8770	8299	$\overline{7829}$	$\overline{7358}$	6887
$\cdot 72$	5.226416	5945	5474	5004	4533	4062	3591	3120	2650	2179
$\cdot 73$	1708	1237	0766	0296	$\overline{9825}$	$9\overline{354}$	8884	8413	$\overline{7942}$	7471
$\cdot 74$	3.217001	6530	6059	5589	5118	4647	4177	3706	3235	2765
$\cdot 75$	2294	1823	1353	0882	0411	$\overline{9941}$	9470	9000	8529	8058
$\cdot 76$	$ \ \bar{3} \cdot 20\ 7588\ $	7117	6647	6176	5705	5235	4764	4294	3823	3353
$\cdot 77$	2882	2412	1941	1471	1000	0530	0059	9589	$9\overline{118}$	8648
$\cdot 78$	$\bar{3} \cdot 19 8177$	7707	7236	6766	6296	5825	5355	4884	4414	3943
$\cdot 79$	3473	3003	2532	2062	1591	1121	0651	0180	9710	9240
5.80	$\bar{3} \cdot 188769$	8299	7829	7358	6888	6418	5948	5477	5007	4537
$\cdot 81$	4066	3596	3126	2656	2185	1715	1245	0775	0304	9834
$\cdot 82$	$\bar{3} \cdot 179364$	8894	8423	7953	7483	7013	6543	6072	5602	5132
$\cdot 83$	4662	4192	3722	3251	2781	2311	1841	1371	0901	0431
$\cdot 84$	$\bar{3} \cdot 169961$	9490	9020	8550	8080	7610	7140	6670	6200	5730
.85	5260	4790	4320	3850	3380	2910	2440	1970	1500	1030
·86	0560	0090	9620	9150	8680	8210	$\overline{7740}$	$7\overline{270}$	6800	6330
·87	3.15 5860	5390	4920	4450	3980	3511	3041	2571	2101	1631
·88	1161	0691	0221	$9\overline{752}$	$\overline{9282}$	8812	$\overline{8342}$	$\overline{7872}$	$\overline{7402}$	6932
.89	$\bar{3} \cdot 14 6463$	5993	5523	5053	4583	4114	3644	3174	2704	2235
5.90	1765	1295	0825	0356	9886	$\overline{9416}$	$\overline{8946}$	$8\overline{477}$	8007	7537
•91	$ \bar{3} \cdot 13 7067$	6598	6128	5658	5189	4719	4249	3780	3310	2840
•92	2371	1901	1432	0962	0492	0023	$9\overline{553}$	$9\overline{084}$	$\overline{8614}$	8144
•93	$\bar{3} \cdot 12 7675$	7205	6736	6266	5796	5327	4857	4388	3918	3449
•94	2979	2510	2040	1571	1101	0632	0162	$9\overline{693}$	9223	8754
•95	$\bar{3} \cdot 11 8284$	7815	7345	6876	6406	5937	5467	4998	4529	4059
•96	3590	3120	2651	2182	1712	1243	0773	0304	9835	$9\overline{365}$
•97	$\bar{3} \cdot 10 8896$	8427	7957	7488	7019	6549	6080	5611	5142	4672
•98	4203	3734	3264	2795	2326	1856	1387	0918	0449	9979
.99	$\overline{3} \cdot 09 9510$	9041	8572	8103	7633	7164	6695	6226	5757	5287
3.00	4818	4349	3880	3411	2942	2472	2003	1534	1065	0596

J. TOPPING AND A. È. LUDLAM ON TABLES OF LOG $K_0(x)$.

	1		1		1		1		1	
No.	0	1	2	3	4.	5	6	7	8	9
6.00	3.09 4818	4349	3880	3411	2942	2472	2003	1534	1065	0596
.01	0127	$9\overline{658}$	9189	8719	8250	7781	$\overline{7312}$	$\overline{6843}$	$\overline{6374}$	5905
.02	3.08 5436	4967	4498	4029	3560	3091	2622	2153	1684	1215
.03	0746	0277	9808	9339	8870	8401	$\frac{2022}{7932}$	$\frac{1163}{7463}$	$\frac{1001}{6994}$	$\frac{1215}{6525}$
.04	3.07 6056	5587	5118	4649	4180	3711	3242	2773	2304	1835
.05	1367	0898	0429	$\frac{1013}{9960}$	$9\overline{491}$	$\frac{9111}{9022}$	8553	8084	$\frac{2601}{7615}$	$\frac{7147}{7147}$
.06	3.06 6678	6209	5740	5271	4802	4334	3865	3396	2927	2458
.07	1990	1521	1052	0583	0114	9646	$\frac{9000}{9177}$	8708	8239	$\frac{2400}{7771}$
.08	$\bar{3} \cdot 05 7302$	6833	6364	5896	5427	4958	4490	4021	3552	3083
.09	2615	2146	1677	1209	0740	0271	9803	$\frac{1021}{9334}$	8866	8397
6.10	$\boxed{3.047928}$	7460	6991	6522	6054	5585	5117	4648	4179	3711
•11	3242	$\frac{1400}{2774}$	2305	1837	1368	0899	0431	$\frac{4048}{9962}$	9494	$\frac{5711}{9025}$
$\cdot 12$	3.03 8557	8088	7620	7151	6683	$\begin{array}{c c} 6214 \end{array}$	5746	5277	4809	4340
.13	3872	3403	i				1061	0593	0124	9656
•14	$\frac{3.02}{3.02}$	8719	$2935 \\ 8251$	$2467 \\ 7782$	1998 7314	1530 6845	6377	5909	5440	$\frac{9030}{4972}$
.15	4504	4035	3567	3099	2630	2162	1694	$\frac{5909}{1225}$	0757	0289
.16	3.01 9820	4055 9352	8884	8415	7947	$\begin{array}{c c} 2162 \\ 7479 \end{array}$	7011	6542	6074	5606
.17	5138			l .		1	2328		1392	0924
.18	1	$\frac{4669}{9987}$	4201	3733	3265	2796		1860	$\frac{1392}{6710}$	$\frac{6924}{6242}$
.19	0455		9519	9051	8583	8115	7646	7178	1	l
6.20	$\bar{3} \cdot 00 \ 5774$	5306	4838	4369	3901	3433	2965	$\frac{2497}{7916}$	2029	$\frac{1561}{6990}$
$\cdot 20$	1093	0624	0156	9688	9220	8752	8284	7816	7348	6880
.21	4.99 6412	5944	5476	5008	4540	4072	3604	3136	2668	2200
	7 00 7050	1264	0796	0328	9860	9392	8924	8456	7988	7520
•23	[4.987052]	6584	6116	5648	5180	4713	4245	3777	3309	$\frac{2841}{2142}$
•24	2373	1905	1437	0970	0502	0034	9566	9098	8630	8162
$\begin{array}{c} \cdot 25 \\ \cdot 26 \end{array}$	$\bar{4} \cdot 97 7695$	7227	6759	6291	5823	5356	4888	4420	3952	3484
$\cdot 20$ $\cdot 27$	3017 $\overline{4} \cdot 96 8339$	2549	2081	1613	1146	0678	0210	9742	9275	8807
.28	1 1	7871	7404	6936	6468	6001	5533	5065	4597	4130
$\cdot \frac{28}{29}$	3662	3194	2727	2259	1792	1324	0856	0388	9921	9453
	495 8986	8518	8050	7583	7115	6648	6180	5712	5245	4777
6.30	4310	3842	3375	2907	2439	1972	1504	1037	0569	0102
•31	4.94 9634	9167	8699	8232	7764	7297	6829	6362	5894	5427
•32	4959	4492	4024	$\frac{3557}{3000}$	3089	2622	2155	1687	1220	$\frac{0752}{6079}$
•33	0285	9818	9350	8883	8415	7948	7480	7013	6546	6078
•34	4.93 5611	5144	4676	4209	3742	3274	2807	2340	1872	1405
·35	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	0470	0003	9536	9068	8601	8134	7666	7199 2527	6732
$\cdot 36 \\ \cdot 37$	i i	5797	5330	4863	4396	3928	3461	$\frac{2994}{8322}$	$\frac{2527}{7855}$	2059
	1592	1125	0658	0190	9723	9256	8789		(7387
.38	4.91 6920	6453	5986	5519	5052	4584	$\frac{4117}{0446}$	$\frac{3650}{8979}$	3183	2716
·39	2249	1782	1315	0847	0380	9913	9446		8512	8045
6.40	4.90 7578	7111	6644	6177	5710	5243	4776	$\frac{4309}{9638}$	$\frac{3842}{0171}$	3375
•41	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	2440	1973	1506	1039	0572	0105		9171	8704
•42	l l	7771	7304	6837	6370	5903	5436	4969	$\frac{4502}{9833}$	4035
•43	3568	3101	2634	2167	1700	1234	0767	$0300 \\ 5631$	l.	9366
.44	4.88 8899	8432 2764	7965	7499	7032	6565	$6098 \\ 1430$	0963	5164 0496	4698
•45	4231	3764	3297	2830	2363	1897	6762	6295	5829	$0029 \\ 5362$
•46	4.87 9563	9096	8629	8162	7696	7229	1		1	
•47 .	4895	$\frac{4429}{0769}$	3962	3495	3028	2562	$\frac{2095}{7428}$	$\frac{1628}{6962}$	$\frac{1162}{6495}$	$\frac{0695}{6028}$
•48	0228	9762	9295	8828	8362	7895	1	$\begin{array}{c} 6962 \\ 2296 \end{array}$	1829	Į.
·49	4.86 5562	5095	$\frac{4629}{0062}$	$\frac{4162}{0406}$	3695	3229	$\frac{2762}{2007}$	$\frac{2296}{7630}$	$\frac{1829}{7163}$	$\frac{1362}{6607}$
6.50	0896	0429	9963	9496	9029	8563	8097	1090	1109	6697

6	•50			and the second of the second o					V-V/AMMA	
No.	0	1	2	3	4	5	6	7	8	9
6.50	4 .86 0896	0429	9963	$\overline{9496}$	9029	8563	8097	7630	$\overline{7163}$	$\overline{6697}$
•51	$\frac{1}{4} \cdot 85 \ 6230$	5764	5297	4831	4364	3898	3431	2965	2498	2032
.52	1565	1099	0632	0166	9699	$\frac{9233}{9233}$	8767	$\frac{2303}{8300}$	$\frac{7834}{7834}$	$\frac{2032}{7367}$
.53	$\bar{4} \cdot 84 6901$	6434	5968	5501	5035	4569	4102	3636	3169	2703
•54	2237	1770	1304	0838	0371	$\frac{4509}{9905}$	$\frac{4102}{9438}$	$\frac{3030}{8972}$	8506	8039
•55	$\bar{4} \cdot 83 \ 7573$	7107	6640	6174		1	1	i	1	3376
.56	2910	2444	1977	1511	5708	5241	4775	$\frac{4309}{9646}$	$\frac{3843}{9180}$	$\frac{3570}{8713}$
.57	$\bar{4} \cdot 82 \ 8247$	7781	7315	6848	1045	0578	0112	4984	1	t
-58	3585		1	1	6382	5916	5450	ŀ	4517	$\frac{4051}{9389}$
•59		3119	2653	2186	1720	1254	0788	0322	9855	1
6.60	4.81 8923	8457	7991	7525	7059	6592	6126	5660	5194	4728
(4262	3796	3330	2864	2397	1931	1465	0999	0533	0067
•61	4.80 9601	9135	8669	8203	7737	7271	6805	6339	5873	5407
•62	4941	4475	4009	3543	3077	$\frac{2611}{7051}$	2145	1679	1213	0747
•63	0281	9815	9349	8883	8417	7951	7485	7019	6553	6087
•64	4.79 5621	5155	4690	4224	3758	3292	2826	2360	1894	1428
•65	0962	0497	0031	9565	9099	8633	8167	7701	7236	6770
•66	4.786304	5838	5372	4907	4441	3975	3509	3043	2577	2112
•67	1646	1180	0714	0249	9783	9317	8851	8386	7920	7454
•68	4.77 6988	6523	6057	5591	5126	4660	4194	3728	3263	2797
.69	2331	1866	1400	0934	0469	0003	9537	9072	8606	8140
6.70	4.76767675	7209	6743	6278	5812	5346	. 4881	4415	3950	3484
•71	3018	2553	2087	1622	1156	0690	0225	9759	9294	8828
.72	$\bar{4} \cdot 75 8363$	7897	7432	6966	6500	6035	5569	5104	4638	4173
•73	3707	3242	2776	2311	1845	1380	0914	0449	9983	9518
·74	$[\bar{4} \cdot 74 \ 9052]$	8587	8122	7656	7191	6725	6260	5794	5329	4863
.75	4398	3933	3467	3002	2536	2071	1606	1140	0675	0209
.76	4.739744	9279	8813	8348	7883	7417	6952	6487	6021	5556
.77	5091	$\frac{4625}{1000}$	4160	3695	3229	2764	2299	1833	1368	0903
.78	0438	9972	9507	9042	8577	8111	7646	7181	6715	6250
.79	4.725785	5320	4855	4389	3924	3459	2994	2528	2063	1598
6.80	1133	0668	0202	9737	9272	8807	8342	7877	7411	6946
•81	4.71 6481	6016	5551	5086	4621	4155	3690	3225	2760	2295
82	1830	1365	0900	0434	9969	9504	9039	8574	8109	7644
.83	$\mid \bar{4} \cdot 70 \mid 7179 \mid$	6714	6249	5784	5319	4854	4389	3924	3459	2994
•84	2529	2064	1599	1134	0669	0204	$\overline{9739}$	$9\overline{274}$	8809	8344
.85	4.697879	7414	6949	6484	6019	5554	5089	4624	4159	3694
.86	3229	2764	2299	1834	1369	0904	0439	9975	9510	9045
•87	4.688580	8115	7650	7185	6720	6255	5791	5326	4861	4396
•88	3931	3466	3001	2537	2072	1607	1142	0677	0212	9748
.89	$\bar{4} \cdot 67 9283$	8818	8353	7888	7424	6959	6494	6029	5564	5100
6.90	4635	4170	3705	3241	2776	2311	1846	1382	0917	0452
•91	$\overline{4} \cdot 669988$	9523	9058	8593	8129	7664	7199	6735	6270	5805
•92	5341	4876	4411	3947	3482	3017	2553	2088	1623	1159
•93	0694	0229	$\overline{9765}$	$9\overline{300}$	8835	$\overline{8371}$	$\overline{7906}$	$\overline{7442}$	$\overline{6977}$	$\overline{6512}$
•94	$\overline{4} \cdot 65 6048$	5583	5119	4654	4190	3725	3260	2796	2331	1867
•95	1402	0937	0473	0008	$\overline{9544}$	$\overline{9079}$	$\overline{8615}$	$\overline{8150}$	$\overline{7686}$	$\overline{7221}$
•96	$\overline{4} \cdot 64 \ 6757$	6292	5828	5363	4899	4434	3970	3505	3041	2577
•97	2112	1648	1183	0719	0254	9790	$\overline{9325}$	8861	8396	$\overline{7932}$
•98	4.63 7468	7003	6539	6074	5610	5146	4681	4217	3752	3288
.99	2824	2359	1895	1431	0966	0502	0037	$\frac{121}{9573}$	9109	8644
7.00	$\tilde{4} \cdot 62 8180$	7716	7251	6787	6323	5858	5394 .	4930	4465	4001

7.00

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7:	$7 \cdot 00$												
No.	0	1	2	3	4	5	6	7	8	9			
7.00	4·62 8180	7716	7251	6787	6323	5858	5394	4930	4465	4001			
.01	3537	3073	2608	2144	1680	1216	0751	0287	$\frac{223}{9823}$	$\overline{9358}$			
.02	$\overline{4} \cdot 61 8894$	8430	7966	7501	7037	6573	6109	5645	5180	4716			
.03	4252	3788	3323	2859	2395	1931	1467	1002	0538	0074			
.04	4.60 9610	9146	8682	8217	7753	7289	6825	6361	5897	5433			
.05	4968	4504	4040	3576	3112	2648	2184	1720	1256	0791			
.06	0327	$\frac{4504}{9863}$	9399	$\frac{3370}{8935}$	$\frac{3112}{8471}$	8007	$\frac{2104}{7543}$	$\frac{1120}{7079}$	$\frac{6615}{6615}$	6151			
.07	$\bar{4} \cdot 59 5687$	5223	4759	4295		3367	2902	2438	1974	1510			
4)	$\frac{4295}{9654}$	$\frac{3831}{9\overline{190}}$	$\frac{3307}{8726}$	$\frac{2902}{8262}$	$\frac{2436}{7798}$	$\frac{1314}{7335}$	$\frac{1310}{6871}$			
.08	1046	0582	0118	1				ì					
.09	4.58 6407	5943	5479	5015	4551	4087	3623	3159	2695	$\frac{2231}{7592}$			
7.10	1767	1303	0839	0375	9911	9448	8984	8520	8056				
•11	$\bar{4} \cdot 57 7128$	6664	6200	5736	5273	4809	4345	3881	3417	2953			
·12	2489	2026	1562	1098	0634	0170	9706	9243	8779	8315			
·13	[4.56 7851]	7387	6924	6460	5996	5532	5068	4605	4141	3677			
.14	3213	2749	2286	1822	1358	0894	0431	9967	9503	9040			
·15	4.558576	8112	7649	7185	6721	6257	5794	5330	4866	4403			
.16	3939	3475	3011	2548	2084	1620	1157	0693	0229	9766			
$\cdot 17$	$\boxed{4.54 \ 9302}$	8838	8375	7911	7448	6984	6520	6057	5593	5129			
$\cdot 18$	4666	4202	3739	3275	2811	2348	1884	1421	0957	0493			
$\cdot 19$	0030	9566	9103	$\overline{8639}$	$8\overline{176}$	$7\overline{7}\overline{1}\overline{2}$	7248	6785	6321	5858			
$7 \cdot 20$	$\bar{4} \cdot 53 5394$	4931	4467	4004	3540	3077	2613	2150	1686	1223			
$\cdot 21$	0759	0296	9832	$9\overline{369}$	8905	$\overline{8442}$	7978	7515	7051	6588			
$\cdot 22$	$\bar{4} \cdot 52 \ 6125$	5661	5198	4734	4271	3807	3344	2881	2417	1954			
$\cdot 23$	1490	1027	0563	0100	9637	$\overline{9173}$	8710	8247	7783	7320			
$\cdot 24$	4.516856	6393	5930	5466	5003	4540	4076	3613	3150	2686			
.25	2223	1759	1296	0833	0369	9906	$\overline{9443}$	8979	8516	8053			
.26	$\overline{4.507590}$	7126	6663	6200	5736	5273	4810	4347	3883	3420			
.27	2957	2494	2030	1567	1104	0641	0177	$9\overline{7}\overline{14}$	$9\overline{251}$	8788			
.28	4.49 8325	7861	7398	6935	6472	6009	5545	5082	4619	4156			
29	3693	3230	2766	2303	1840	1377	0914	0451	9987	$9\overline{524}$			
$7 \cdot 30$	4.48 9061	8598	8135	7672	7209	6745	6282	5819	5356	4893			
.31	4430	3967	3504	3041	2578	2114	1651	1188	0725	0262			
.32	$\bar{4} \cdot 479799$	9336	8873	8410	7947	7484	7021	6558	6095	5632			
.33	5169	4706	4243	3780	3317	2854	2391	1928	1465	1002			
$\cdot 34$	0539	0076	9613	$\frac{3150}{9150}$	8687	8224	$\frac{2331}{7761}$	$\frac{7298}{7298}$	6835	$\overline{6372}$			
	1	ı	1	4520	4057	3594	3132	2669	2206	1743			
•35	4. 46 5909	5446	4983	$\frac{4520}{9891}$	9428	8965	8502	8040	7577	7114			
•36	1280	0817	0354	1	l .	1	1	3411	2948	2485			
•37	4.45 6651	6188	5725	5262	4799	4337	3874		8320	7857			
•38	2022	1560	1097	0634	0171	9708	9245	8783	3692	3229			
39	4·44 7394	6931	6469	6006	5543	5080	4617	$\begin{array}{ c c c }\hline 4155\\ \hline 9527\\ \hline \end{array}$	$\frac{3692}{9064}$	8602			
$7 \cdot 40$	2766	2304	1841	1378	0915	0453	9990	1	1	ł			
•41	$4 \cdot 43 8139$	7676	7214	6751	6288	5825	5363	4900	4437	3975			
$\cdot 42$	3512	3049	2586	2124	1661	1199	0736	0273	9811	9348			
•43	$\bar{4} \cdot 42 8885$	8423	7960	7497	7035	6572	6109	5647	5184	4722			
$\cdot 44$	4259	3796	3334	2871	2409	1946	1483	1021	0558	0096			
$\cdot 45$	$\bar{4} \cdot 41 9633$	9170	8708	8245	7783	7320	6858	6395	5933	5470			
$\cdot 46$	5007	4545	4082	3620	3157	2695	2232	1770	1307	084			
$\cdot 47$	0382	9920	9457	8995	8532	8070	7607	7145	6682	6220			
•48	4.40 5758	5295	4833	4370	3908	3445	2983	2520	2058	1596			
$\cdot 49$	1133	0671	0208	$\overline{9746}$	9283	8821	8359	7896	7434	697.			
7.50	$\bar{4} \cdot 39 6509$	6047	5584	5122	4659	4197	3735	3272	2810	2348			
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MATHEMATICAL,
PHYSICAL
& ENGINEERING
SCIENCES

TRANSACTIONS SOCIETY A

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PHYSICAL
& ENGINEERING
SCIENCES

TRANSACTIONS SOCIETY A

7.	•50									en valor od delen al del 18 to 1885 Spendendale (18 to 18
No.	0	1	2	3	4	5	6	7	8	9
7.50	4.39 6509	6047	5584	5122	4659	4197	3735	3272	2810	2348
•51	1885	1423	0961	0498	0036	9574	9111	8649	8187	7724
•52	$ \ \bar{4} \cdot 38\ 7262\ $	6800	6337	5875	5413	4950	4488	4026	3564	3101
•53	2639	2177	1715	1252	0790	0328	9865	9403	8941	8479
•54	$ \bar{4} \cdot 37 8016 $	7554	7092	6630	6167	5705	5243	4781	4319	3856
.55	3394	2932	2470	2007	1545	1083	0621	0159	9697	$\overline{9234}$
.56	$4 \cdot 36 8772$	8310	784 8	7386	6924	6461	5999	5537	5075	4613
•57	4151	36 89	3226	2764	2302	1840	1378	0916	0454	$\overline{9992}$
•58	$\bar{4} \cdot 35 9529$	9067	8605	8143	7681	7219	6757	6295	5833	5371
•59	4909	4447	3985	3522	3060	2598	2136	1674	1212	0750
7.60	0288	$\overline{9826}$	$\overline{9364}$	8902	8440	$\overline{7978}$	$7\overline{516}$	$7\overline{054}$	$\overline{6592}$	$\overline{6130}$
•61	4.345668	5206	4744	4282	3820	3358	2896	2434	1972	1510
•62	1048	0586	0124	$\overline{9662}$	$\overline{9200}$	8739	$8\overline{277}$	$\overline{7815}$	$\overline{7353}$	$\overline{6891}$
•63	$[4 \cdot 33 \ 6429]$	5967	5505	5043	4581	4119	3657	3195	2734	2272
.64	1810	1348	0886	0424	$\overline{9962}$	9500	9039	8577	8115	$\overline{7653}$
•65	4.327191	6729	6267	5806	5344	4882	4420	3958	3496	3035
.66	2573	2111	1649	1187	0725	0264	9802	9340	8878	$\overline{8416}$
•67	$\bar{4} \cdot 31 7955$	7493	7031	6569	6108	5646	5184	4722	4261	3799
•68	3337	2875	2414	1952	1490	1028	0567	0105	9643	$\overline{9182}$
.69	$\overline{4} \cdot 30 8720$	8258	7796	7335	6873	6411	5950	5488	5026	4565
7.70	4103	3641	3179	2718	2256	1794	1333	0871	0409	$\frac{1938}{9948}$
.71	$\bar{4} \cdot 29 9486$	9024	8563	8101	7640	7178	6716	6255	5793	5331
.72	4870	4408	3947	3485	3023	2562	2100	1639	1177	0715
.73	0254	9792	$\frac{331}{9331}$	8869	8408	$\frac{2002}{7946}$	$\frac{2100}{7485}$	$\frac{7023}{7023}$	$\frac{1111}{6561}$	$\frac{6100}{6100}$
.74	4.285638	5177	4715	4254	3792	3331	2869	2408	1946	1485
.75	1023	0562	0100	$\frac{1231}{9639}$	$\frac{3132}{9177}$	$\frac{3331}{8716}$	$\frac{2003}{8254}$	$\frac{2400}{7793}$	$\frac{1340}{7331}$	$\frac{1100}{6870}$
.76	4.276408	5947	5485	5024	4562	4101	3639	3178	2717	2255
.77	1794	1332	0871	0409	$\frac{4302}{9948}$	$\frac{1101}{9487}$	$\frac{3035}{9025}$	8564	$\frac{2111}{8102}$	$\frac{2255}{7641}$
•78	4.267180	6718	6257	5795	5334	4873	4411	3950	3488	3027
.79	2566	2104	1643	1182	0720	0259	9797	$\frac{5336}{9336}$	8875	8413
7.80	$\bar{4} \cdot 25 7952$	7491	7029	6568	6107	5645	5184	4723	4261	3800
81	3339	2878	2416	1955	1494	1032	0571	0110	$\frac{4201}{9648}$	$\frac{3800}{9187}$
.82	$4 \cdot 24 8726$	8265	7803	7342	6881	6420	5958	5497	5036	4575
.83	4113	3652	3191	2730	2268	1807	1346	0885	0424	$\frac{4313}{9962}$
.84	4.239501	9040	8579	8118	7656	1	i .	i	l .	5350
.85	4889	4428	3967	3506	3045	7195	6734	6273	5812 1200	0739
.86	0278	$\frac{1120}{9817}$	$\frac{3507}{9355}$	$\frac{5500}{8894}$	$\frac{5045}{8433}$	$\frac{2584}{7972}$	$\frac{2122}{7511}$	$\frac{1661}{7050}$	$\frac{1200}{6589}$	$\frac{6739}{6128}$
.87	$\frac{52.6}{4 \cdot 22}$ 5667	5205	4744	4283	I	1	1	1	i	1517
.88	1056	0595	0133	$\frac{4283}{9672}$	$\frac{3822}{9211}$	3361	2900	2439	$\frac{1978}{7267}$	$\frac{1517}{6906}$
.89	$\bar{4} \cdot 21 \ 6445$	5984	5523	1	1	8750	8289	7828	7367	l .
7.90	1835	1374	0913	5062	$\frac{4601}{0001}$	4140	$\frac{3679}{0000}$	$\frac{3218}{9609}$	2757	$\frac{2296}{7696}$
•91	$\bar{4} \cdot 20 \ 7225$	$\frac{1374}{7764}$	6303	0452	9991	9530	9069	8608	8147	7686
$\cdot 92$	2615	$\frac{7764}{2154}$	1694	5842	5381	4920	4459	3998	3537	3076
•93	$\bar{4} \cdot 19 8006$	$\frac{2154}{7545}$	7084	1233	0772	0311	9850	9389	8928	8467
•94	3397	2936	1	6623	6163	5702	5241	4780	4319	3858
•95	$\bar{4} \cdot 18 8789$	2930 8328	2475	2015	1554	1093	0632	0171	9710	9249
•96	4180		7867	7406	6945	6484	6023	5563	5102	4641
.90	$\begin{bmatrix} 4180 \\ \overline{4} \cdot 17 & 9572 \end{bmatrix}$	3719	3259	2798	2337	1876	1416	0955	0494	0033
•98	4965	9112	8651	8190	7729	7269	6808	6347	5886	5426
.99	0358	4504	4043	3583	3122	2661	2201	1740	$\frac{1279}{1279}$	0818
8.00	4.165751	9897	9436	8976	8515	8054	7594	7133	6672	6212
3.00	#.10 9191	5290	4829	4369	3908	3447	2987	2526	2065	1605

,	8.00											
No.	0	1	2	3	4	5	6	7	8	9		
8.00	4.16 5751	5290	4829	4369	3908	3447	2987	2526	2065	1605		
.01	1144	0684	0223	$\overline{9762}$	$\overline{9302}$	8841	8380	$\overline{7920}$	$\overline{7459}$	6999		
.02	4.15 6538	6077	5617	5156	4696	4235	3774	3314	2853	2393		
.03	1932	1472	1011	0550	0090	$\frac{1238}{9629}$	$\frac{9169}{9169}$	8708	$\frac{2009}{8248}$	7787		
.04	$\bar{4} \cdot 14 7327$	6866	6405	5945	5484	5024	4563	4103	3642	3182		
•05	2721	$\begin{array}{c} 0000 \\ 2261 \end{array}$	1800	1340	0879	0419	$\frac{1903}{9958}$	$\frac{4103}{9498}$	$\frac{3042}{9037}$	8577		
•06	$\overline{4} \cdot 13 8116$	7656	7195	6735	6274	5814	5353	4893	4432	3972		
•07	3511	3051	$\frac{7195}{2590}$	2130	1670	$\frac{5314}{1209}$	0749	0288	$\frac{4432}{9828}$	$\frac{3912}{9367}$		
.08	$\frac{3911}{4 \cdot 12} = 8907$	8447	$\frac{2590}{7986}$	7526	7065	6605	6144	5684	$\begin{array}{c} 5020 \\ 5224 \end{array}$	4763		
.09				2922		1	1		0620	0159		
l .	4303	3842	3382		2461	2001	1540	1080	1	1		
8.10	4.11 9699	9238	8778	8318	7857	7397	6937	6476	6016	5556		
•11	5095	4635	4175	$\frac{3714}{}$	$\frac{3254}{3254}$	$\frac{2794}{2101}$	2333	1873	$\frac{1413}{3010}$	$\frac{0952}{6940}$		
•12	0492	0032	9571	9111	8651	8191	7730	7270	6810	6349		
•13	4.105889	5429	4969	4508	4048	3588	3128	$\frac{2667}{20005}$	$\frac{2207}{5305}$	$\frac{1747}{5144}$		
•14	1286	0826	0366	9906	9446	8985	8525	8065	7605	7144		
•15	$\bar{4} \cdot 09 6684$	6224	5764	5303	4843	4383	3923	3463	$\frac{3002}{3137}$	$\frac{2542}{70.11}$		
·16	2082	1622	1162	0702	0241	9781	9321	8861	8401	7941		
•17	$\frac{1}{4} \cdot 08 7481$	7020	6560	6100	5640	5180	4720	$\frac{4260}{}$	3800	3340		
•18	2879	2419	1959	1499	1039	0579	0119	9659	9199	8739		
•19	$\bar{4} \cdot 07 8279$	7818	7358	6898	6438	5978	5518	5058	4598	4138		
8.20	3678	3218	2758	2298	1838	1378	0918	0458	9998	9538		
•21	$\bar{4} \cdot 06 9078$	8618	8158	7698	7238	6778	6318	5858	5398	4938		
•22	4478	4018	3558	3098	2638	2178	1718	1258	0798	0338		
.23	4.059878	9418	8958	8498	8038	7578	7118	6659	6199	5739		
.24	5279	4819	4359	3899	3439	2979	2519	2059	1599	1140		
. 25	$\bar{4} \cdot 05 0680$	0220	9760	9300	8840	8380	7920	$\overline{7460}$	7001	6541		
•26	$\bar{4} \cdot 04 6081$	5621	5161	4701	4241	3782	3322	2862	2402	1942		
.27	1482	1023	0563	0103	9643	9183	8723	8264	7804	7344		
•28	4.036884	6424	5964	5505	5045	4585	4125	3665	3206	2746		
•29	2286	1826	1366	0907	0447	9987	$\overline{9527}$	9068	8608	8148		
8.30	4.027688	7229	6769	6309	5849	5390	4930	4470	4010	3551		
•31	3091	2631	2171	1712	1252	0792	0333	9873	9413	8954		
·32	4.01 8494	8034	7574	7115	6655	6195	5736	5276	4816	4357		
.33	3897	3437	2978	2518	2058	1599	1139	0679	0220	9760		
•34	4.00 9301	8841 -	8381	7922	7462	7002	6543	6083	5624	5164		
•35	4704	4245	3785	3325	2866	2406	1947	1487	1027	0568		
•36	0108	9649	9189	8730	8270	$\overline{7811}$	$\overline{7351}$	$\overline{6892}$	$\overline{6432}$	$\overline{5972}$		
.37	5.99 5513	5053	4594	4134	3675	3215	2756	2296	1837	1377		
.38	0918	0458	9999	9539	9080	$\overline{8620}$	$\overline{8161}$	$\overline{7701}$	$7\overline{242}$	$\overline{6782}$		
.39	5.98 6323	5863	5404	4944	4485	4025	3566	3106	2647	2188		
8.40	1728	1269	0809	0350	9890	9431	8971	8512	8053	7593		
•41	5.977134	6674	6215	5755	5296	4837	4377	3918	3458	2999		
•42	2540	2080	1621	1161	0702	0243	9783	$\overline{9324}$	8865	8405		
•43	5.96 7946	7486	7027	6568	6108	5649	5190	4730	4271	3812		
•44	3352	2893	2434	1974	1515	1056	0596	0137	9678	$\overline{9218}$		
•45	5.95 8759	8300	7840	7381	6922	6463	6003	5544	5085	4625		
•46	4166	3707	3248	2788	2329	1870	1411	0951	0492	0033		
.47	5.949573	9114	8655	8196	7736	7277	6818	6359	5900	5440		
•48	4981	4522	4063	3603	3144	2685	2226	1767	1307	0848		
•49	0389	9930	$\frac{1000}{9471}$	$\frac{8000}{9011}$	$\frac{5111}{8552}$	8093	$\frac{2220}{7634}$	$\frac{7175}{7175}$	$\overline{6715}$	$\overline{6256}$		
8.50	5.93 5797	5338	4879	4420	3960	3501	3042	2583	2124	1665		
			1010			J. J. J. L.		l				

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No.	0	1	2	3	4	5	6	7	8	9		
8.50	5.93 5797	5338	4879	4420	3960	3501	3042	2583	2124	1665		
•51	1206	0747	0287	9828	$\overline{9369}$	8910	$\overline{8451}$	$\overline{7992}$	$\overline{7533}$	$\overline{7073}$		
$\cdot 52$	5.926614	6155	5696	5237	4778	4319	3860	3401	2942	2483		
$\cdot 53$	2023	1564	1105	0646	0187	9728	$\overline{9269}$	8810	$\overline{8351}$	$\overline{7892}$		
$\cdot 54$	5.917433	6974	6515	6056	5597	5138	4679	4220	3760	3301		
$\cdot 55$	2842	2383	1924	1465	1006	0547	0088	9629	$\overline{9170}$	8711		
•56	5.908252	7793	7334	6875	6416	5957	5498	5039	4580	4121		
$\cdot 57$	3663	3204	2745	2286	1827	1368	0909	0450	9991	$\overline{9532}$		
• • 58	5.899073	8614	8155	7696	7237	6778	6319	5861	5402	4943		
$\cdot 59$	4484	4025	3566	3107	2648	2189	1730	1271	0813	0354		
$8 \cdot 60$	5.889895	9436	8977	8518	8059	7600	7142	6683	6224	5765		
·61	5306	4847	4388	3929	3471	3012	2553	2094	1635	1176		
•62	0718	0259	9800	9341	8882	$\overline{8424}$	$\overline{7965}$	$\overline{7506}$	$\overline{7047}$	6588		
$\cdot 63$	5.876130	5671	5212	4753	4294	3836	3377	2918	2459	2000		
$\cdot 64$	1542	1083	0624	0165	9707	$\overline{9248}$	8789	8330	$\overline{7872}$	$\overline{7413}$		
$\cdot 65$	5.866954	6496	6037	5578	5119	4661	4202	3743	3284	2826		
.66	2367	1908	1450	0991	0532	0073	9615	$9\overline{156}$	8697	$\overline{8239}$		
$\cdot 67$	5.857780	7321	6863	6404	5945	5487	5028	4569	4111	3652		
•68	3193	2735	2276	1817	1359	0900	0441	9983	$9\overline{524}$	9065		
•69	5.848607	8148	7689	7231	6772	6313	5855	5396	4938	4479		
$8 \cdot 70$	4020	3562	3103	2645	2186	1727	1269	0810	0352	$\overline{9893}$		
$\cdot 71$	5.839434	8976	8517	8059	7600	7142	6683	6225	5766	5307		
$\cdot 72$	4849	4390	3932	3473	3015	2556	2098	1639	1181	0722		
•73	0263	9805	9346	8888	8429	$\overline{7971}$	7512	$7054 \cdot$	6595	$\overline{6137}$		
.74	5.825678	5220	4761	4303	3844	3386	2927	2469	2010	1552		
•75	1093	0635	0176	9718	9259	8801	8343	7884	7426	6967		
•76	5.81 6509	6050	5592	5133	4675	$\frac{4217}{2}$	3758	3300	2841	2383		
.77	1924	1466	1008	0549	0091	9632	9174	8716	8257	$\overline{7799}$		
·78	5.80 7340	6882	6424	5965	5507	5049	4590	4132	3673	$\frac{3215}{1}$		
.79	2757	2298	1840	1382	0923	0465	0007	9548	9090	8631		
8.80	5.79 8173	7715	7257	6798	6340	5882	5423	4965	$\frac{4507}{}$	4048		
·81	3590	3132	2673	2215	1757	1298	0840	0382	9924	9465		
$\cdot 82$ $\cdot 83$	5.78 9007	8549	8090	7632	7174	6716	6257	5799	5341	4883		
·84	$ \begin{array}{c} 4424 \\ \bar{5} \cdot 77 \ 9842 \end{array} $	3966	3508	3049	2591	2133	1675	1217	0758	0300		
.85	5260	9384	8925	8467	8009	7551	7093	6634	6176	5718		
.86	0678	4801	4343	3885	$\frac{3427}{2045}$	$\frac{2969}{2007}$	$\frac{2510}{7000}$	2052	1594	$\frac{1136}{3554}$		
.87	5.76 6096	0220	9761	9303	8845	8387	7929	7471	7012	6554		
.88	1515	5638	5180	4722	$\frac{4264}{2000}$	$\frac{3805}{6324}$	3347	2889	$\frac{2431}{7050}$	$\frac{1973}{7333}$		
·89	$\bar{5}.75 6934$	1057	0598	0140	9682	9224	8766	8308	7850	7392		
8.90	2353	6475 1895	6017	5559	5101	4643	4185	3727	$\frac{3269}{3400}$	$\frac{2811}{2222}$		
•91	$ \bar{5} \cdot 74 7772$	7314	1437	0978	0520	0062	9604	9146	8688	8230		
.92	3192	2734	6856	6398	5940	5482	5024	4566	4108	3650		
.93	5.738612	8154	2276	1818	1360	0902	0444	9986	9528	9070		
.94	4032	3574	7696	7238	6780	6322	5864	5406	4948	4490		
.95	5.729452	8994	3116	2658	2200	1742	1284	0826	0368	9910		
.96	4873	$\begin{array}{c} 6994 \\ 4415 \end{array}$	8536	8078	7620	7162	6705	6247	5789	5331		
.97	0294	$\frac{4415}{9836}$	$\frac{3957}{9378}$	3499	3041	2583	$\frac{2125}{7547}$	$\frac{1668}{7080}$	$\frac{1210}{6621}$	$\frac{0752}{6172}$		
.98	$5.71 \ 5715$	5257	9378 4799	8920	8462	8004	7547	7089	6631	6173		
.99	1137	0679	$\begin{array}{c} 4799 \\ 0221 \end{array}$	$\frac{4342}{9763}$	$\frac{3884}{9305}$	$\frac{3426}{8847}$	$\frac{2968}{8390}$	$\frac{2510}{7932}$	$\frac{2052}{7474}$	$\frac{1594}{7016}$		
9.00	5.70 6558	6101	5643	9703 5185	9305 4727	$\begin{array}{c} 8847 \\ 4269 \end{array}$	8390 3811	3354	2896	7016 2438		
		0201	0010	0100	T141	± ⊿U∂	9011	0004	2000	4400		

J. TOPPING AND A. E. LUDLAM ON TABLES OF LOG $K_{0}\left(x\right)$.

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No.	0	1	2	3	4	5	6	7	8	9
9.00	5.70 6558	6101	5643	5185	4727	4269	3811	3354	2896	2438
.01	1980	1523	1065	0607	0149	$\overline{9691}$	$\overline{9234}$	$\overline{8776}$	8318	7860
.02	5.69 7403	6945	6487	6029	5572	5114	4656	4198	3741	3283
.03	2825	2367	1910	1452	0994	0536	0079	9621	$\overline{9163}$	8706
.04	5.68 8248	7790	7332	6875	6417	5959	5502	5044	4586	4129
.05	3671	3213	2755	2298	1840	1382	0925	0467	0009	$\overline{9552}$
.06	5.67 9094	8636	8179	7721	7263	6806	6348	5890	5433	4975
.07	4518	4060	3602	3145	2687	2229	1772	1314	0856	0399
•08	5.669941	9484	9026	8568	8111	7653	7196	6738	6280	5823
•09	5365	4908	4450	3993	3535	3077	2620	2162	1705	1247
9.10	0790	0332	$\overline{9874}$	9417	8959	8502	8044	$\overline{7587}$	$\overline{7129}$	$\overline{6672}$
•11	5.656214	5757	5299	4841	4384	3926	3469	3011	2554	2096
.12	1639	1181	0724	0266	9809	9351	8894	$\overline{8436}$	7979	$\overline{7521}$
·13	5.647064	6606	6149	5691	5234	4776	4319	3861	3404	2946
.14	2489	2031	1574	1117	0659	0202	$\overline{9744}$	$\overline{9287}$	8829	8372
.15	5.637914	7457	7000	6542	6085	5627	5170	4712	4255	3798
.16	3340	2883	2425	1968	1511	1053	0596	0138	9681	9224
.17	5.62 8766	8309	7851	7394	6937	6479	6022	5564	5107	4650
·18	4192	3735	3278	2820	2363	1906	1448	0991	0534	0076
.19	5.61 9619	9161	8704	8247	7789	7332	6875	6417	5960	5503
9.20	5046	4588	4131	3674	3216	2759	2302	1844	1387	0930
.21	0472	0015	$\overline{9558}$	9101	$\overline{8643}$	8186	$\overline{7729}$	$\overline{7272}$	$\overline{6814}$	$\overline{6357}$
.22	5.60 5900	5442	4985	4528	4071	3613	3156	2699	2242	1784
.23	1327	0870	0413	9955	9498	9041	8584	$\overline{8127}$	$\overline{7669}$	$\overline{7212}$
•24	5.59 6755	6298	5840	5383	4926	4469	4012	3554	3097	2640
. 25	2183	1726	1268	0811	0354	9897	9440	8983	8525	8068
.26	5.58 7611	7154	6697	6240	5782	5325	4868	4411	3954	3497
.27	3039	2582	2125	1668	1211	0754	0297	9839	$9\overline{382}$	8925
•28	5.578468	8011	7554	7097	6640	6182	5725	5268	4811	4354
•29	3897	3440	2983	2526	2069	1611	1154	0697	0240	9783
9.30	5.569326	8869	8412	7955	7498	7041	6584	6127	5669	5212
•31	4755	4298	3841	3384	2927	2470	2013	1556	1099	0642
•32	0185	$\overline{9728}$	$\overline{9271}$	8814	$\overline{8357}$	7900	7443	$\overline{6986}$	$\overline{6529}$	$\overline{6072}$
.33	$\bar{5}.55 5615$	5158	4701	4244	3787	3330	2873	2416	1959	1502
•34	1045	0588	0131	9674	9217	8760	8303	7846	$\overline{7389}$	$\overline{6932}$
•35	5.546475	6018	5561	5104	4647	4190	3733	3276	2820	2363
•36	1906	1449	0992	0535	0078	9621	$\overline{9164}$	8707	8250	7793
•37	5.537337	6880	6423	5966	5509	5052	4595	4138	3681	3225
•38	2768	2311	1854	1397	0940	0483	0026	9570	9113	8656
•39	5.528199	7742	7285	6828	6371	5915	5458	5001	4544	4087
9.40	3630	3174	2717	2260	1803	1346	0889	0433	9976	9519
•41	5.519062	8605	8149	7692	7235	6778	6321	5865	5408	4951
.42	4494	4037	3581	3124	2667	2210	1754	1297	0840	0383
•43	5.50 9926	9470	9013	8556	8099	7643	7186	6729	6272	5816
•44	5359	4902	4445	3989	3532	3075	2618	2162	1705	$\frac{1248}{}$
•45	0792	0335	9878	$\overline{9421}$	8965	8508	8051	$\overline{7595}$	$7\overline{138}$	6681
•46	5.496224	5768	5311	4854	4398	3941	3484	3028	2571	2114
•47	1658	1201	0744	0288	9831	9374	8918	8461	8004	7548
•48	5.48 7091	6634	6178	5721	5264	4808	4351	3894	3438	2981
.49	2525	2068	1611	1155	0698	0241	9785	9328	8872	8415
9.50	5.47 7958	7502	7045	6589	6132	5675	5219	4762	4306	3849
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No.	0	1	2	3	4	5	6	7	8	9
9.50	5·47 7958	7502	7045	6589	6132	5675	5219	4762	4306	3849
$\cdot 51$	3392	2936	2479	2023	1566	1110	0653	0196	$\overline{9740}$	$\overline{9283}$
$\cdot 52$	5.468827	8370	7914	7457	7001	6544	6087	5631	5174	4718
•53	4261	3805	3348	2892	2435	1979	1522	1066	0609	0153
$\cdot 54$	5.459696	9240	8783	8326	7870	7413	6957	6501	6044	5588
$\cdot 55$	5131	4675	4218	3762	3305	2849	2392	1936	1479	1023
$\cdot 56$	0566	0110	$\overline{9653}$	$\overline{9197}$	8741	$\overline{8284}$	$\overline{7828}$	$\overline{7371}$	$\overline{6915}$	$\overline{6458}$
•57	5.44 6002	5545	5089	4632	4176	3720	3263	2807	2350	1894
$\cdot 58$	1437	0981	0525	0068	$\overline{9612}$	$\overline{9155}$	$\overline{8699}$	$\overline{8242}$	$\overline{7786}$	$\overline{7330}$
$\cdot 59$	5.436873	6417	5960	5504	5048	4591	4135	3678	3222	2766
9.60	2309	1853	1397	0940	0484	0028	$\overline{9571}$	$\overline{9115}$	$\overline{8659}$	$\overline{8202}$
·61	5.427746	7289	6833	6377	5920	5464	5008	4551	4095	3639
$\cdot 62$	3182	2726	2270	1813	1357	0901	0444	9988	$\overline{9532}$	$\overline{9075}$
.63	5.41 8619	8163	7706	7250	6794	6338	5881	5425	4969	4512
$\cdot 64$	4056	3600	3143	2687	2231	1775	1318	0862	0406	9950
•65	5.409493	9037	8581	8124	7668	7212	6756	6299	5843	5387
$\cdot 66$	4931	4474	4018	3562	3106	2649	2193	1737	1281	0825
•67	0368	$\overline{9912}$	$\overline{9456}$	9000	$\overline{8543}$	8087	$\overline{7631}$	$\overline{7175}$	$\overline{6719}$	$\overline{6262}$
.68	5.395806	5350	4894	4438	3981	3525	3069	2613	2157	1700
$\cdot 69$	1244	0788	0332	$\overline{9876}$	$\overline{9419}$	8963	8507	8051	$\overline{7595}$	$\overline{7139}$
$9 \cdot 70$	5.38 6683	6226	5770	5314	4858	4402	3946	3490	3033	2577
$\cdot 71$	2121	1665	1209	0753	0297	$\overline{9840}$	$\overline{9384}$	8928	$\overline{8472}$	8016
$\cdot 72$	5.377560	7104	6648	6192	5735	5279	4823	4367	3911	3455
$\cdot 73$	2999	2543	2087	1631	1174	0718	0262	9806	9350	8894
$\cdot 74$	5.36 8438	7982	7526	7070	6614	6158	5702	5246	4790	4334
$\cdot 75$	3878	3421	2965	2509	2053	1597	1141	0685	0229	9773
$\cdot 76$	5.359317	8861	8405	7949	7493	7037	6581	6125	5669	5213
$\cdot 77$	4757	4301	3845	3389	2933	2477	2021	1565	1109	0653
$\cdot 78$	0197	$\overline{9741}$	9285	8829	8373	$\overline{7917}$	$\overline{7461}$	· 7005	$\overline{6549}$	$\overline{6093}$
$\cdot 79$	5.34 5637	5182	4726	4270	3814	3358	2902	2446	1990	1534
9.80	1078	0622	0166	$\overline{9710}$	$\overline{9254}$	8798	$\overline{8342}$	7887	$\overline{7431}$	$\overline{6975}$
·81	5.336519	6063	5607	5151	4695	4239	3783	3327	2872	2416
$\cdot 82$	1960	1504	1048	0592	0136	$\overline{9680}$	$\overline{9224}$	$\overline{8769}$	$\overline{8313}$	$\overline{7857}$
·83	5.327401	6945	6489	6033	5577	5122	4666	4210	3754	3298
·84	2842	2387	1931	1475	1019	0563	0107	9651	$\overline{9196}$	8740
.85	5.318284	7828	7372	6917	6461	6005	5549	5093	4637	$\frac{4182}{}$
•86	3726	3270	2814	2358	1903	1447	0991	0535	0079	9624
·87	$\bar{5} \cdot 309168$	8712	8256	7801	7345	6889	6433	5977	5522	5066
·88	4610	4154	3699	3243	2787	2331	1876	1420	0964	0508
·89	0053	9597	9141	8685	$\overline{8230}$	$\overline{7774}$	$\overline{7318}$	6862	6407	5951
9.90	$\bar{5} \cdot 29 \ 5495$	5040	4584	4128	3672	3217	2761	2305	1850	1394
•91	0938	0482	0027	$\overline{9571}$	$\overline{9115}$	8660	8204	7748	$\overline{7293}$	6837
$\cdot 92$	5.286381	5926	5470	5014	4558	4103	3647	3192	$\frac{2736}{}$	2280
•93	1824	1369	0913	0457	0002	$\overline{9546}$	9091	8635	8179	7724
•94	5.277268	6812	6357	5901	5445	4990	4534	4079	3623	3167
$\cdot 95$	2712	2256	1801	1345	0889	0434	9978	9523	9067	8611
•96	5.26 8156	7700	7245	6789	6333	5878	5422	4967	4511	4055
$\cdot 97$	3600	3144	2689	2233	1777	1322	0866	0411	9955	9500
•98	5.25 9044	8589	8133	7677	7222	6766	6311	5855	5400	4944
.99	4489	4033	3578	3122	2666	2211	1755	1300	0844	0389
10.00	$5 \cdot 24 9933$	9478	9022	8567	8111	7656	7200	6745	6289	5834
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No.	0	1	2	3	4	5	6	7	8	9
10.00	5.24 9933	9478	9022	8567	8111	7656	7200	6745	6289	5834
•01	5378	4923	4467	4012	3556	3101	2645	2190	1734	1279
.02	0823	0368	$\overline{9912}$	$\overline{9457}$	9001	8546	8090	$\overline{7635}$	$\overline{7180}$	$\overline{6724}$
•03	5.236269	5813	5358	4902	4447	3991	3536	3081	2625	2170
•04	1714	1259	0803	0348	$\overline{9893}$	$\overline{9437}$	8982	$\overline{8526}$	8071	$\overline{7615}$
.05	5.227160	6704	6249	5794	5338	4883	4427	3972	3517	3061
.06	2606	2150	1695	1240	0784	0329	$\overline{9874}$	$\overline{9418}$	8963	8507
.07	5.21 8052	7597	7141	6686	6231	5775	5320	4865	4409	3954
.08	3499	3043	2588	2133	1677	1222	0767	0311	9856	$\overline{9401}$
.09	5.20 8945	8490	8035	7579	7124	6669	6213	5758	5303	4847
10.10	4392	3937	3482	3026	2571	2116	1660	1205	0750	0295
$\cdot 11$	5.19 9839	9384	8929	8473	8018	7563	7108	6652	6197	5742
$\cdot 12$	5287	4831	4376	3921	3466	3010	2555	2100	1644	1189
·13	0734	0279	9823	$\overline{9368}$	8913	8458	8003	$\overline{7547}$	$\overline{7092}$	$\overline{6637}$
$\cdot 14$	5.186182	5726	5271	4816	4361	3906	3450	2995	2540	2085
·15	1630	1174	0719	0264	9809	9354	8898	$\overline{8443}$	7988	$\overline{7533}$
$\cdot 16$	5.17 7078	6622	6167	5712	5257	4802	4347	3891	3436	2981
$\cdot 17$	2526	2071	1615	1160	0705	0250	$\overline{9795}$	9340	8884	$\overline{8429}$
·18	5.167974	7519	7064	6609	6154	5698	5243	4788	4333	3878
·19	3423	2968	2513	2057	1602	1147	0692	0237	$\overline{9782}$	$\overline{9327}$
10.20	5.158872	8416	7961	7506	7051	6596	6141	5686	5231	4776
•21	4321	3865	3410	2955	2500	2045	1590	1135	0680	0225
$\cdot 22$	5.14 9770	9315	8860	8405	7949	7494	7039	6584	6129	5674
$\cdot 23$	5219	4764	4309	3854	3399	2944	2489	2034	1579	1124
$\cdot 24$	0669	0214	$\overline{9759}$	9304	8849	8394	$\overline{7939}$	$\overline{7484}$	$\overline{7029}$	$\overline{6574}$
$\cdot 25$	5.13 6119	5663	5208	4753	4298	3843	3389	2934	2479	2024
.26	1569	1114	0659	0204	$\overline{9749}$	$\overline{9294}$	8839	8384	$\overline{7929}$	$\overline{7474}$
•27	5.127019	6564	6109	5654	5199	4744	4289	3834	3379	2924
.28	2469	2014	1559	1105	0650	0195	9740	$\overline{9285}$	8830	$\overline{8375}$
.29	5.11 7920	7465	7010	6555	6100	5645	5190	4736	4281	3826
10.30	3371	2916	2461	2006	1551	1096	0641	0187	$\frac{1}{9732}$	$\overline{9277}$
.31	5.10 8822	8367	7912	7457	7002	6547	6093	5638	5183	4728
$\cdot 32$	4273	3818	3363	2909	2454	1999	1544	1089	0634	0179
•33	5.099725	9270	8815	8360	7905	7450	6995	6541.	6086	5631
.34	5176	4721	4267	3812	3357	2902	2447	1992	1538	1083
.35	0628	0173	$\overline{9718}$	$\overline{9264}$	8809	8354	7899	$\overline{7444}$	6989	$\frac{-}{6535}$
•36	5.08 6080	5625	5170	4716	4261	3806	3351	2897	2442	1987
•37	1532	1077	0623	0168	$\overline{9713}$	$\overline{9258}$	8804	8349	$\overline{7894}$	$\overline{7439}$
•38	5.07 6985	6530	6075	5620	5166	4711	4256	3801	3347	2892
•39	2437	1982	1528	1073	0618	0164	9709	$\overline{9254}$	8799	8345
10.40	5.067890	7435	6981	6526	6071	5616	5162	4707	4252	3798
•41	3343	2888	2433	1979	1524	1069	0615	0160	9705	$\overline{9251}$
$\cdot 42$	5.058796	8341	7887	7432	.6977	6523	6068	5613	5159	4704
•43	4249	3795	3340	2885	2431	1976	1521	1067	0612	0158
•44	5.04 9703	9248	8794	8339	7884	7430	6975	6520	6066	5611
$\cdot 45$	5157	4702	4247	3793	3338	2883	2429	1974	1520	1065
•46	0610	0156	9701	$\frac{9247}{9247}$	$\frac{8792}{8792}$	8338	$\frac{7883}{7883}$	$\overline{7428}$	$\frac{6974}{6974}$	$\frac{6519}{6519}$
•47	5.03 6065	5610	5155	4701	4246	3792	3337	2883	2428	1973
•48	1519	1064	0610	0155	9701	$\frac{3.62}{9246}$	8792	$\frac{2835}{8337}$	$\frac{2120}{7882}$	$\frac{7428}{7428}$
•49	5.02 6973	6519	6064	5610	5155	4701	4246	3792	3337	2882
10.50	2428	1973	1519	1064	0610	0155	$\frac{2223}{9701}$	$\frac{9246}{9246}$	$\frac{8792}{8792}$	8337
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No.	0	1	2	3	4	5	6	7	8	9
10.50	5.02 2428	1973	1519	1064	0610	0155	9701	$\overline{9246}$	8792	8337
•51	5.017883	7428	6974	6519	6065	5610	5156	4701	4247	3792
.52	3338	2883	2429	1974	1520	1065	0611	0156	9702	$\overline{9248}$
.53	5.00 8793	8339	7884	7430	6975	6521	6066	5612	5157	4703
.54	4248	3794	3340	2885	2431	1976	1522	1067	0613	0159
.55	$\bar{6} \cdot 99 9704$	9250	8795	8341	7886	7432	6978	6523	6069	5614
.56	5160	4705	4251	3797	3342	2888	2434	1979	1525	1070
.57	0616	0162	9707	9253	8798	8344	7890	$7\overline{435}$	6981	$\frac{\overline{6526}}{6526}$
.58	$\bar{6} \cdot 98 6072$	5618	5163	4709	4255	3800	3346	2892	2437	1983
.59	1528	1074	0620	0165	9711	$\frac{\overline{9257}}{}$	$\frac{8802}{8802}$	$\overline{8348}$	$\frac{1}{7894}$	$\frac{7439}{7439}$
10.60	6.976985	6531	6076	5622	5168	4713	4259	3805	3350	2896
·61	2442	1987	1533	1079	0624	0170	$\frac{1236}{9716}$	$\overline{9262}$	8807	8353
.62	$\bar{6} \cdot 96 7899$	7444	6990	6536	6081	5627	5173	4719	4264	3810
.63	3356	2901	2447	1993	1539	1084	0630	0176	$\frac{1201}{9721}$	$\frac{3313}{9267}$
.64	6.958813	8359	7904	7450	6996	6542	6087	5633	5179	4725
.65	4270	3816	3362	2908	2454	1999	1545	1091	0637	0182
.66	$\bar{6} \cdot 94 9728$	9274	8820	8365	7911	7457	7003	6549	6094	5640
.67	5186	4732	4277	3823	3369	2915	2461	2006	1552	1098
.68	0644	0190	9736	$\frac{3323}{9281}$	$\frac{8827}{8827}$	$\frac{2818}{8373}$	$\frac{2101}{7919}$	$\frac{2666}{7465}$	$\frac{7002}{7010}$	$\frac{1000}{6556}$
•69	$\bar{6} \cdot 93 \ 6102$	5648	5194	4740	4285	3831	3377	2923	2469	2015
10.70	1560	1106	0652	0198	$\frac{1200}{9744}$	$\frac{9290}{9290}$	8836	8381	$\frac{2160}{7927}$	$\frac{2013}{7473}$
.71	$\bar{6} \cdot 927019$	6565	6111	5657	5202	4748	4294	3840	3386	2932
$\cdot 72$	2478	2024	1569	1115	0661	0207	$\frac{1251}{9753}$	$\frac{5010}{9299}$	8845	8391
.73	$\bar{6} \cdot 91 7937$	7483	7028	6574	6120	5666	5212	4758	4304	3850
.74	3396	2942	2488	2034	1579	1125	0671	0217	$\frac{1001}{9763}$	$\frac{9309}{9309}$
.75	$\bar{6} \cdot 90 8855$	8401	7947	7493	7039	6585	6131	5677	5223	4768
.76	4314	3860	3406	2952	2498	2044	1590	1136	0682	0228
.77	$\bar{6} \cdot 89 9774$	9320	8866	8412	7958	7504	7050	6596	6142	5688
•78	5234	4780	4326	3872	3418	2964	2510	2056	1602	1148
.79	0694	0240	$\frac{1326}{9786}$	$\frac{3312}{9332}$	8878	$\frac{2304}{8424}$	$\frac{2010}{7970}$	$\frac{2636}{7516}$	$\frac{7062}{7062}$	$\frac{1118}{6608}$
10.80	$\overline{6} \cdot 88 \ 6154$	5700	5246	4792	4338	3884	3430	2976	2522	2068
.81	1614	1160	0706	0253	$\frac{1890}{9799}$	$\frac{9345}{9345}$	$\frac{3430}{8891}$	$\frac{2370}{8437}$	$\frac{2922}{7983}$	$\frac{2000}{7529}$
.82	$\bar{6} \cdot 87 7075$	6621	6167	5713	5259	4805	4351	3897	3444	2990
.83	2536	2082	1628	1174	0720	0266	$\frac{4331}{9812}$	$\frac{9358}{9358}$	8904	$\frac{2550}{8451}$
.84	$ \vec{6} \cdot 86 7997$	75 4 3	7089	6635	6181	5727	5273	4819	4365	3912
.85	3458	3004	2550	2096	1642	1188	0734	0281	$\frac{1808}{9827}$	$\frac{3312}{9373}$
.86	$\bar{6} \cdot 85 8919$	8465	8011	7557	7104	6650	6196	5742	5288	4834
.87	4380	3927	3473	3019	2565	2111	1657	1204	0750	0296
.88	$\overline{6} \cdot 84 9842$	9388	8934	8481	8027	7573	7119	6665	6211	5758
.89	5304	4850	4396	3942	3489	3035	2581	$\begin{array}{c} 3003 \\ 2127 \end{array}$	1673	1220
10.90	0766	0312	$\frac{1950}{9858}$	$\frac{9342}{9404}$	$\frac{3463}{8951}$	$\frac{3033}{8497}$	$\frac{2001}{8043}$	$\frac{2121}{7589}$	$\frac{1075}{7135}$	$\frac{1220}{6682}$
.91	$\bar{6} \cdot 83 6228$	5774	5320	4867	4413	3959	3505	3052	2598	2144
$\cdot 92$	1690	1236	0783	0329	$\frac{115}{9875}$	$\frac{3333}{9421}$	8968	$\frac{3032}{8514}$	8060	$\frac{2144}{7606}$
•93	$\bar{6} \cdot 82 7153$	6699	6245	5791	5338	4884	4430	3976	3523	3069
.94	2615	2162	1708	$\frac{5751}{1254}$	0800	0347	$\frac{4430}{9893}$	$\frac{5976}{9439}$	$\frac{3925}{8986}$	$\frac{3009}{8532}$
.95	$\overline{6} \cdot 81 \ 8078$	7624	7171	6717	6263	5810	5356	4902	4449	3995
•96	3541	3087	2634	2180	1726	1273	0819	0365	$\frac{4449}{9912}$	$\frac{3995}{9458}$
.97	6 ⋅80 9004	8551	8097	7643	7190	6736	6282	5829	5375	4921
.98	4468	4014	3560	3107	$\frac{1150}{2653}$	$\frac{0130}{2199}$	1746	$\frac{3829}{1292}$	0838	0385
.99	$\bar{6} \cdot 799931$	9477	9024	8570	8116	7663	7209	6756	6302	5848
11.00	5395	4941	4488	4034	3580	$\frac{1003}{3127}$	2673	$\frac{0750}{2219}$	1766	1312
	2333		1.00	1001	3300	0141	4010	4410	1100	1012

1.1	11.00												
No.	0	1	2	3	4	5	6	7	8	9			
11.00	6.79 5395	4941	4488	4034	3580	3127	2673	2219	1766	1312			
•01	0859	0405	9951	9498	9044	8591	8137	$\overline{7683}$	7230	$\overline{6776}$			
.02	6.786323	5869	5415	4962	4508	4055	3601	3148	2694	2240			
.03	1787	1333	0880	0426	$\overline{9973}$	9519	9065	$\overline{8612}$	8158	$\overline{7705}$			
•04	6.777251	6798	6344	5891	5437	4983	4530	4076	3623	3169			
.05	2716	2262	1809	1355	0902	0448	9995	9541	9088	$\overline{8634}$			
•06	$\bar{6} \cdot 76 8180$	7727	7273	6820	6366	5913	5459	5006	4552	4099			
.07	3645	3192	2738	2285	1831	1378	0924	0471	0017	9564			
•08	6.759110	8657	8204	7750	7297	6843	6390	5936	5483	5029			
.09	4576	4122	3669	3215	2762	2308	1855	1402	0948	0495			
11.10	0041	9588	$\overline{9134}$	8681	8227	$\overline{7774}$	$\overline{7320}$	$\overline{6867}$	$\overline{6414}$	5960			
•11	$\bar{6} \cdot 74 5507$	5053	4600	4146	3693	3240	2786	2333	1879	1426			
·12	0972	0519	0066	$\overline{9612}$	$\overline{9159}$	8705	$\overline{8252}$	$\overline{7799}$	$\overline{7345}$	6892			
•13	$\bar{6} \cdot 73 \ 6438$	5985	5532	5078	4625	4171	3718	3265	2811	2358			
·14	1904	1451	0998	0544	0091	9638	$\overline{9184}$	$\overline{8731}$	8277	$\overline{7824}$			
•15	$\bar{6} \cdot 72 7371$	6918	6464	6011	5557	5104	4651	4197	3744	3291			
•16	2837	2384	1931	1477	1024	0570	0117	9664	9210	8757			
·17	6.718304	7850	7397	6944	6490	6037	5584	5130	4677	4224			
•18	3770	3317	2864	2411	1957	1504	1051	0597	0144	9691			
•19	$\bar{6} \cdot 709237$	8784	8331	7877	7424	6971	6517	6064	5611	5158			
11.20	4704	4251	3798	3344	2891	2438	1985	1531	1078	0625			
·21	0172	$\overline{9718}$	$9\overline{265}$	$\overline{8812}$	8359	7905	$\overline{7452}$	$\overline{6999}$	$\overline{6545}$	$\overline{6092}$			
.22	6.695639	5186	4732	4279	3826	3373	2919	2466	2013	1560			
•23	1107	0653	0200	$\overline{9747}$	$\overline{9294}$	8840	$\overline{8387}$	$\overline{7934}$	7481	7027			
.24	6.686574	6121	5668	5215	4761	4308	3855	3402	2949	2495			
.25	2042	1589	1136	0682	0229	$\overline{9776}$	$\overline{9323}$	8870	8416	7963			
·26	$\bar{6} \cdot 67 \ 7510$	7057	6604	6151	5697	5244	4791	4338	3885	3432			
.27	. 2978	2525	2072	1619	1166	0713	0259	$\overline{9806}$	9353	8900			
•28	$\overline{6} \cdot 66 8447$	7994	7541	7087	6634	6181	5728	5275	4822	4369			
.29	3916	3462	3009	2556	2103	1650	1197	0744	0290	$\overline{9837}$			
11.30	6.659384	8931	8478	8025	7572	7119	6666	6212	5759	5306			
•31	4853	4400	3947	3494	3041	2588	2135	1681	1228	0775			
.32	0322	9869	$\overline{9416}$	8963	8510	8057	7604	7151	6698	$\overline{6245}$			
•33	$\bar{6} \cdot 64 5792$	5338	4885	4432	3979	3526	3073	2620	2167	1714			
·34	1261	0808	0355	$\overline{9902}$	$\overline{9449}$	$\overline{8996}$	8543	8090	7637	7184			
•35	$\bar{6} \cdot 63 \ 6731$	6278	5824	5371	4918	4465	4012	3559	3106	2653			
•36	2200	1747	1294	0841	0388	$\overline{9935}$	9482	9029	8576	8123			
.37	$\overline{6} \cdot 627670$	7217	6764	6311	5858	5405	4952	4499	4046	3593			
•38	3140	2687	2234	1781	1328	0875	0422	9969	9516	9063			
.39	$\bar{6} \cdot 61 \ 8610$	8157	7704	7251	6798	6345	5892	5439	4986	4533			
11.40	4080	3627	3175	2722	2269	1816	1363	0910	0457	0004			
•41	$\bar{6} \cdot 609551$	9098	8645	8192	7739	7286	6833	6380	5927	5474			
•42	5022	4569	4116	3663	3210	2757	2304	1851	1398	0945			
•43	0492	0039	9586	9134	$\overline{8681}$	8228	7775	$\overline{7322}$	6869	6416			
.44	$\overline{6} \cdot 59 5963$	5510	5058	4605	4152	3699	3246	2793	2340	1887			
.45	1435	0982	0529	0076	$\overline{9623}$	9170	8717	8264	7812	7359			
•46	6 .58 6906	6453	6000	5547	5094	4642	4189	3736	3283	2830			
.47	2377	1924	1472	1019	0566	0113	9660	9207	8755	8302			
•48	$\bar{6} \cdot 57 7849$	7396	6943	6490	6038	5585	5132	4679	4226	3774			
.49	3321	2868	2415	1962	1509	1057	0604	0151	9698	9245			
11.50	$\bar{6} \cdot 56 8793$	8340	7887	7434	6981	6529	6076	5623	5170	4718			
			<u> </u>		1								

11.90											
No.	0	1	2	3	4	5	6	7	8	9	
11.50	$\bar{6}.568793$	8340	7887	7434	6981	6529	6076	5623	5170	4718	
•51	4265	3812	3359	2906	2454	2001	1548	1095	0643	0190	
$\cdot 52$	6.559737	9284	8831	8379	7926	7473	7020	6568	6115	5662	
$\cdot 53$	5209	4757	4304	3851	3398	2946	2493	2040	1587	1135	
$\cdot 54$	$\bar{6}.54~0682$	0229	$\overline{9777}$	$\overline{9324}$	8871	8418	$\overline{7966}$	$\overline{7513}$	$\overline{7060}$	$\overline{6607}$	
$\cdot 55$	6155	5702	5249	4797	4344	3891	3438	2986	2533	2080	
$\cdot 56$	162 8	1175	0722	0270	$\overline{9817}$	$\overline{9364}$	8911	$\overline{8459}$	8006	$\overline{7553}$	
$\cdot 57$	$\overline{6} \cdot 537101$	6648	6195	5743	5290	4837	4385	3932	3479	3026	
•58	2574	2121	1669	1216	0763	0310	9858	$\overline{9405}$	$\overline{8952}$	8500	
•59	$\bar{6} \cdot 52 8047$	7595	7142	6689	6237	5784	5331	4879	4426	3973	
11.60	3521	3068	2615	2163	1710	1258	0805	0352	9900	$\overline{9447}$	
•61	$\bar{6} \cdot 51 8994$	8542	8089	7637	7184	6731	6279	5826	5373	4921	
$\cdot 62$	4468	4016	3563	3110	2658	2205	1753	1300	0847	0395	
$\cdot 63$	$\bar{6} \cdot 509942$	9490	9037	8584	8132	7679	7227	6774	6321	5869	
$\cdot 64$	5416	4964	4511	4059	3606	3153	2701	2248	1796	1343	
$\cdot 65$	0891	0438	9985	$\overline{9533}$	9080	$\overline{8628}$	$\overline{8175}$	$\overline{7723}$	$\overline{7270}$	$\overline{6818}$	
$\cdot 66$	$\bar{6} \cdot 49 6365$	5913	5460	5007	4555	4102	3650	3197	2745	2292	
$\cdot 67$	1840	1387	0935	0482	0030	9577	$\overline{9124}$	$\overline{8672}$	$\overline{8219}$	$\overline{7767}$	
•68	$\bar{6} \cdot 487314$	6862	6409	5957	5504	5052	4599	4147	3694	3242	
$\cdot 69$	2789	2337	1884	1432	0979	0527	0074	$\overline{9622}$	$\overline{9169}$	8717	
11.70	$\bar{6} \cdot 47 8264$	7812	7359	6907	6454	6002	5549	5097	4644	4192	
$\cdot 71$	3740	3287	2835	2382	1930	1477	1025	0572	0120	$\overline{9667}$	
$\cdot 72$	$\bar{6} \cdot 46 9215$	8762	8310	7858	7405	6953	6500	6048	5595	5143	
$\cdot 73$	4690	4238	3786	3333	2881	2428	1976	1523	1071	0619	
$\cdot 74$	0166	$\overline{9714}$	$\overline{9261}$	8809	8356	$\overline{7904}$	$\overline{7452}$	$\overline{6999}$	$\overline{6547}$	$\overline{6094}$	
$\cdot 75$	$ \bar{6}\cdot 45 $ 5642	5189	4737	4285	3832	3380	2927	2475	2023	1570	
$\cdot 76$	1118	0666	0213	$\overline{9761}$	9308	$\overline{8856}$	8404	$\overline{7951}$	$\overline{7499}$	$\overline{7046}$	
$\cdot 77$	$ \bar{6}\cdot 44 6594 $	6142	5689	5237	4784	4332	3880	3427	2975	2523	
$\cdot 78$	2070	1618	1165	0713	0261	9808	9356	$\overline{8904}$	$\overline{8451}$	$\overline{7999}$	
$\cdot 79$	$ \bar{6}\cdot 43 7547$	7094	6642	6190	5737	5285	4833	4380	3928	3476	
11.80	3023	2571	2118	1666	1214	0761	0309	$\overline{9857}$	$\overline{9404}$	$\overline{8952}$	
·81	6.428500	8048	7595	7143	6691	6238	5786	5334	4881	4429	
$\cdot 82$	3977	3524	3072	2620	2168	1715	1263	0811	0358	9906	
. 83	$ \ \bar{6} \cdot 41 \ 9454 \ $	9001	8549	8097	7645	7192	6740	6288	5836	5383	
$\cdot 84$	4931	4479	4026	3574	3122	2670	2217	1765	1313	0861	
·85	0408	9956	$\overline{9504}$	9051	8599	8147	$\overline{7695}$	$\overline{7243}$	$\overline{6790}$	$\overline{6338}$	
.86	$ \bar{6} \cdot 40 5886$	5433	4981	4529	4077	3625	3172	2720	2268	1816	
·87	1363	0911	0459	0007	$\overline{9554}$	$\overline{9102}$	8650	$\overline{8198}$	$\overline{7746}$	$\overline{7293}$	
•88	$ \ \bar{6} \cdot 39 \ 6841 \ $	6389	5937	5484	5032	4580	4128	3676	3223	2771	
.89	2319	1867	1415	0962	0510	0058	$\overline{9606}$	$\overline{9154}$	8701	$\overline{8249}$	
l1·90	$ \bar{6} \cdot 38 7797 $	7345	6893	6440	5988	5536	5084	4632	4180	3727	
•91	3275	2823	2371	1919	1467	1014	0562	0110	$\overline{9658}$	$\overline{9206}$	
$\cdot 92$	$6 \cdot 37 8754$	8301	7849	7397	6945	6493	6041	5588	5136	4684	
•93	4232	3780	3328	2876	2423	1971	1519	1067	0615	0163	
•94	6.369711	9259	8806	8354	7902	7450	6998	6546	6094	5642	
•95	5189	4737	4285	3833	3381	2929	2477	2025	1573	1120	
•96	0668	0216	$\overline{9764}$	$\overline{9312}$	$\overline{8860}$	$\overline{8408}$	$\overline{7956}$	$\overline{7504}$	$\overline{7052}$	$\overline{6600}$	
•97	$\bar{6} \cdot 35 6148 $	5695	5243	4791	4339	3887	3435	2983	2531	2079	
•98	1627	1175	0723	0270	$\overline{9818}$	$\overline{9366}$	$\overline{8914}$	$\overline{8462}$	8010	$\overline{7558}$	
.99	$\bar{6} \cdot 34 7106$	6654	6202	5750	5298	4846	4394	3942	3490	3038	
2.00	2586		1			l l	1	i			