TABLE ERRATA

269.—Paul F. Byrd & Morris D. Friedman, *Handbook of Elliptic Integrals for Engineers and Physicists*, Springer-Verlag, Berlin, 1954.

I should like to point out an error appearing on page 340 of this book, where the value of KZ (β, k) corresponding to $\sin^{-1} k = 75°$ and $\beta = 20°$ is given erroneously as 0.565367 instead of the correct value, 0.565010.

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Editorial Note: An independent calculation shows that the functional value in question should read 0.56501 09053 37977 to 15D.

J. W. W.

270.—Tosio Kitagawa, *Tables of Poisson Distribution*, Baifukan, Tokyo, 1952.

This table was originally reviewed in *MTAC*, April 1953, p. 92–93. At that time the reviewer found no discrepancies in about 100 comparisons with Molina's table Subsequently in *MTAC*, April 1954, p. 95, D. Teichroew compared Kitagawa's table with an unpublished table for $m = 1(1)10$. In the instance of Teichroew's comparison, because of the large intervals between values of m checked, this amounted to comparison of 219 entries.

The writers have made what is probably the most extensive comparison and check of this table to date. The work consisted of:

1. For every m in the table, cumulating all entries to see if they added to 1 or closely so. This check will catch large errata; a number of new errata were so detected.
2. For $x = 0$, for every m in the table, Kitagawa's values were checked against NBS Applied Mathematics Series, No. 14, *Tables of the Exponential Function* e^x, and the supplementary AMS-46, *Table of the Descending Exponential.* A few new rounding errors were thus disclosed.
3. Roughly 300 entries were checked by direct computation, using the tables mentioned above and others. Over 200 of these were checked for various values of $m < 2$, using the table $x^n/n!$ in AMS-37, *Tables of Functions and Zeros of Functions.* One rounding error was detected and verified.

For the convenience of the users of Kitagawa's volume, the 5 errata noted by Teichroew have been incorporated in the present list. A number of poorly printed entries were also noted.

m	x	Reads	Should Read
.305	6	.0000 0002	.0000 0082
.505	0	.–035 055$\bar{8}$	.6035 055$\bar{8}$
.579	0	.5604 585$\bar{5}$	.$\bar{5}$604 5854
.671	0	.5111 971$\bar{3}$	.5111 971$\bar{2}$
.831	0	.4356 134$\bar{6}$	.4356 134$\bar{5}$

m	x	Reads	Should Read
1.91	8	.0006 5050	.0006 5049
3.02	14	.6000 0294	.0000 0294
3.40	0	.0333 732–	.0333 7327
4.63	4	.1–67 7953	.1867 7953
4.91	1	.0261 9892	.0361 9892
5.48	1	.0223 479	.0228 479
5.61	6	.1535 085	.1585 085
6.09	14	.0024 083	.0025 083
6.26	2	.0384 486	.0374 486
7.00	4	.0902 262	.0912 262
7.21	8	.1336 747	.1338 747
7.77	11	.0649 185	.0659 185
7.97	0	.0003 458	.0003 457
8.57	8	.1369 0—	.1369 060
8.74	0	.0001 600	.0001 601
9.00	15	.0194 306	.0194 307
9.00	24	.0000 158	.0000 159
9.15	10	.0204 075	.1204 075
9.90	18	.0064 400	.0065 400
10.00	11	.1137 363	.1137 364
10.00	15	.0347 180	.0347 181

Note: Hyphen indicates indistinct or missing figure.

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271.—Hans Riesel, "Mersenne Numbers", *MTAC*, v. 12, 1958, p. 207–213.

On p. 210, the factor of $2^p - 1$ corresponding to $p = 2689$ should read 7158119 instead of 7158199, and on p. 211 the factor corresponding to $p = 5743$ should read 643217 instead of 543217. No other errors in this table were revealed by an independent run on an IBM 704.

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