

MATHEMATICAL TABLES—ERRATA

In this issue reference has been to errata in RMT 1097.

227.—S. M. DRACH, "Cube roots of primes to 31 places," *Mess. Math.*, v. 7, 1877, p. 86–88.

<i>N</i>			<i>for</i>			<i>read</i>
2			399			228
3			108			110
5			830			860
7			756			760
13			921			915
17		08741	445		08739	726
19			829			830
29	26380	36360	183		26379	82105
37		05135	051			05185
41	38410	86376	34932	233	38409	74238
47		93399	702			64260
59			833			95958
61			163			790
67			224			893
73	63766	71392	658		63763	789
83		76679	005			148
89		80965	127			765
101			024			269
103			767			81074
127			742			294
4			087			308
25			984			923
49			419			408
121			282			283

The above list of errata is complete.

R. LIÉNARD

E.M.P.T.  
Tulle (Corrèze)  
France

228.—(a) F. EMDE, *Tafeln Elementarer Funktionen*, Leipzig and Berlin, 1940, p. 123.

(b) M. BOLL, *Tables Numériques Universelles*, Paris, 1947, p. 472.

Both these works contain a table of Langevin's function

$$L(x) = \coth x - x^{-1}.$$

Comparison of these with a recently computed unpublished table (see UMT162) reveals the following errata.

$x$	EMDE	BOLL	$L(x)$
0.20	.06649	.067	.066490
.30	.09941	.100	.099405+
.36	.11897	—	.118976
.48	.15759	—	.157595+
.60	.19536	.196	.195359
.72	.23210	—	.232095—
1.36	.4058	—	.405746
1.72	.4848	—	.484858
1.86	.5121	—	.512037
1.90	.5195	.520	.519450—
2.08	.5510	—	.550941
2.50	.6135	.614	.613567
2.60	.6265	.624	.626479
3.65	.7273	—	.727379
3.70	.7309	.731	.730953
4.00	.7507	.749	.750671
4.20	.7623	.762	.762355—
4.50	.7780	.777	.778025—
8.20	.8781	—	.878049

ANDREW YOUNG

Univ. of Liverpool  
Liverpool, England

229.—R. A. FISHER & F. YATES, *Statistical Tables for Biological, Agricultural and Medical Research*, 3rd ed., New York, 1948.

Table VI gives significance levels for the correlation coefficient. Errors in the table of the variance ratio previously reported (*MTAC*, v. 6, p. 35–38) have affected Table VI for  $p = 0.001$  as follows:

$n$	<i>For</i>	<i>Read</i>
3	0.99116	0.99114
5	0.95074	0.95088
45	0.4648	0.4647
70	0.3799	0.3798

In addition, an error has been introduced at  $n = 6$ , where 0.92493 should be 0.92490. There are also a few "rounding errors." Two of these are worth recording because they constitute disagreements with the corresponding values of  $z$ . For  $n = 13$ ,  $r = 0.5139$  should be 0.5140, and for  $n = 45$ ,  $r = 0.2875$  should be 0.2876, both for  $p = 0.05$ .

H. W. NORTON

University of Illinois  
Urbana, Illinois

230.—K. HAYASHI, *Tafeln der Besselshen, Theta-, Kugel- und anderer Funktionen*, Berlin, 1930.

Table X of 12D values of square roots contains the following errata. The starred entries have been noted by FUKUOKA. There are 27 other errors in the 11th and 12th places.

$k^2$	For	Read
0,217	0,46583 15146 06	0,46583 25879 54
0,289	0,53758 72032 29	0,53758 72022 29*
0,498	0,70554 94312 95	0,70569 11505 75*
0,543	0,73688 53302 92	0,73688 53370 78*
0,699	0,83606 21926 13	0,83606 21986 43
0,787	0,88713 02040 49	0,88713 02046 49
0,800	0,89442 70910 00	0,89442 71910 00
0,845	0,91923 88101 03	0,91923 88155 43
0,917	0,95760 11173 76	0,95760 11695 90
2,53	1,59057 73720 59	1,59059 73720 59
2,90	1,70293 86395 93	1,70293 86365 93
3,17	1,78044 93812 80	1,78044 93814 76
6,40	2,52982 20281 35	2,52982 21281 35
7,36	2,71293 18932 50	2,71293 19932 50
8,55	2,92403 83031 93	2,92403 83034 43
8,71	2,94127 09126 75	2,95127 09126 75
8,72	2,94296 46120 47	2,95296 46120 47
8,73	2,94465 73405 39	2,95465 73405 39
8,74	2,94634 90998 19	2,95634 90998 19
8,75	2,94803 98915 50	2,95803 98915 50
8,80	2,96647 93848 38	2,96647 93948 38*
8,98	2,99666 28127 54	2,99666 48127 54*
9,31	3,05122 92504 78	3,05122 92604 87
9,51	3,08382 87889 22	3,08382 87890 22
14,1	3,75499 66666 56	3,75499 66711 04
14,3	3,78153 40798 26	3,78153 40802 38

FRIEDEMANN SINGER

Robert-Blum-Strasse 11  
Halle (Saale) Germany

LUDWIG STAMMLER

Reilstrasse 129  
Halle (Saale) Germany

### UNPUBLISHED MATHEMATICAL TABLES

159[A].—NATIONAL PHYSICAL LABORATORY (Great Britain), *Tables of Binomial Coefficients*. 20 quarto pages. Deposited with the ROYAL SOCIETY (no. 15).

The Binomial coefficients  $C_n = \binom{x}{n}$  are given to six decimal places for  $x = 0.(001)1$ ;  $n = 2(1)8$ . These are coefficients in the Newton-Gregory formula for interpolation with forward differences.