TABLE ERRATA


In Volume I the following changes should be made.

P. 64: In the fifth line above the heading of Section 2.15, for \(|\arg (1 - z)\| < 1\), read \(|\arg (1 - z)\| < \pi\).

P. 147: In the denominator of the right member of the last equation, for \(\Gamma(\nu + n + 1)\), read \(\Gamma(\nu - n + 1)\).

P. 155: In formula 3.7(6), add the condition \(\text{Re } z > 0\).

P. 158: In formula 3.7(23), add the condition \(0 < \theta < \pi/2\).

In Volume II the following corrections are necessary.

P. 93: In formula 7.14.2(37), add the condition \(\text{Re } p > -1\), and in formula 7.14.2(38) change \(\text{Re}(\rho + \nu - \mu) > -1\) to \(\text{Re}(1 \pm \nu \pm \mu) > \text{Re } \rho > -1\).

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In Volume I, p. 332, the transform in 6.8(38) should read \(g(s) = -\int_0^\infty \{ x^s - 1 \} \, dx\). In Volume II the following corrections should be made.

P. 130: In 10.2(17), in \(f(x)\) change \(+ \cos[(1/2k - p)t]\) to \(\times \cos[(1/2k - p)t]\).

P. 177: In 12.1(15), for \(\frac{3}{4}[\pi \alpha y/(y^2 + \alpha^2)^{1/2}] \exp[-(y^2 + \alpha^2)^{1/2}]\), read \(\frac{1}{4}[\pi \alpha y/(y^2 + \alpha^2)^{1/2}] \exp[-(y^2 + \alpha^2)^{1/2}]\).

P. 344: In 19.2(36) the constant on the right side should be \(-\frac{3}{4}a\) instead of \(-\frac{3}{4}a\). (This is given correctly in formula 7.181(2) on p. 810 of *Tables of Integrals, Series, and Products*, by I. S. Gradshteyn & I. M. Ryzhik, Academic Press, New York 1965.)

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On p. 326, in each of formulas 3.411(19) and 3.411(20) the coefficient $n_k$, defined as the ascending factorial of order $k$, should be replaced by the binomial coefficient $\binom{n}{k}$. This error has been reproduced from a publication of Lindman [1]; the corresponding original formulas in the table of Bierens de Haan [2] are free from error.

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On p. 30 the last two places of the 18S value of $e^{\sqrt{43}}$ should read 66 instead of 23. Likewise, on p. 31 the final two digits of the 24S value of $e^{\sqrt{87}}$ should read 54 instead of 68.

Corresponding corrections are required in Volume I, p. 140 (Section 5.522) of the FMRC Index [1], where these values of Gray are reproduced.

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On p. 55, the cofactor of $V_{272}$ should read
\[9606148757845010999287540714389194369\ c,\]
and the cofactor of $V_{276}$ should read
\[18423463609862225329.\]
On p. 59, the second largest prime factor of $V_{375}$ should read

$$468535826053501$$

instead of

$$46853582653501.$$  

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In Chapter VI, Section 3, p. 123 a minus sign should be prefixed to the right side of the formula for $D_{-4}(z)$.

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On the first line of p. 3, the right side of the equation should read

$$(-1)^n \frac{m!}{(m-n)!}.$$ 

On p. 170, the first equation should read $P_{m-\nu-1}(x) = P_{m}^{-\nu}(x)$.

On p. 188, the first equation in Section 4.6.2 should read

$$\Gamma(\frac{1}{2} - \mu)(1 - x^2)^{\nu/2} \pi^{1/2} 2^{-\nu} P_{\mu}^{\nu}(x) = \int_0^\infty \left[ x + (1 - x^2)^{1/2} \cos t \right]^{\nu} (\sin t)^{-2\mu} dt,$$

Re $\mu < \frac{1}{2}$, $0 < x < 1$.

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