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 $|\text{arg } (1 - z)| < 1$, read $|\text{arg } (1 - z)| < \pi$.

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 $\text{Re } z > 0$.

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 $\text{Re}(\rho + \nu - \mu) > -1$, $\text{Re } p > -1$ to $\text{Re}(1 \pm \nu \pm \mu) > \text{Re } p > -1$.

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In Volume I, p. 332, the transform in 6.8(38) should read $g(s) = -\int_0^{\pi} \{x^{s-1} dx$. 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 $- \cos[(1/2k - p)t]$.

P. 177: In 12.1(15), $\text{for } hU(x/\sqrt{y^2 + a^2})$ read $hU(x/\sqrt{y^2 + a^2})\text{exp}[-(y^2 + a^2)^{1/2}]$.

P. 344: In 19.2(36) the constant on the right side should be $-(1/2a)^{1/2}$ instead of $-(1/24a)^{1/2}$. (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 $e^{\sqrt{31}}$ should read 66 instead of 23. Likewise, on p. 31 the final two digits of the 24S value of $e^{\sqrt{67}}$ 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

$$9606148757845010999287540714389194369c,$$

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

On p. 170, the first equation should read $P_{-4,1}(x) = P_n(x)$.
On p. 188, the first equation in Section 4.6.2 should read
\[ \Gamma\left(\frac{1}{2} - \mu\right)(1 - x^2)^{\mu/2} \pi^{1/2} 2^{-\mu} P_\mu(x) = \int_0^\pi [x + t(1 - x^2)^{1/2} \cos t]^{\mu-\nu} (\sin t)^{-2\mu} \, dt, \]
\[ \text{Re} \mu < \frac{1}{2}, 0 < x < 1. \]

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