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)| < π.

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* 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. 95: In formula 7.14.2(37), *add the condition* Re \( \rho > -1 \), and in formula 7.14.2(38) *change* Re(\( \rho + \nu - \mu \)) > -1, Re \( \rho > -1 \) *to* Re(\( 1 \pm \nu \pm \mu \)) > 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 \( \frac{1}{2}[\pi \alpha \mu/(y^{2} + \alpha^{2})]^{1/2} \exp[-(y^{2} + \alpha^{2})^{1/2}] \), *read* \( \frac{1}{2}[\pi \alpha \mu/(y^{2} + \alpha^{2})]^{1/2} \exp[-(y^{2} + \alpha^{2})^{1/2}] \).

P. 344: In 19.2(36) the constant on the right side should be \( -(\frac{1}{2} \alpha)^{1/2} \) instead of \( -(\frac{1}{2} \alpha)^{1/2} \). (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 $\binom{2k}{k}$. 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 188 value of $e^{*V_{\sqrt{2}}}$ should read 66 instead of 23. Likewise, on p. 31 the final two digits of the 248 value of $e^{*V_{\sqrt{87}}}$ 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 $P_{n-1,n}(x) = P_{-n}(x)$.

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

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

\[ \text{Re} \mu < \frac{1}{2}, \ 0 < x < 1. \]

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