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. 95: In formula 7.14.2(37), add the condition $\text{Re} \rho > -1$, and in formula 7.14.2(38) change $\text{Re}(\rho + \nu - \mu) > -1$, $\text{Re} \rho > -1$ 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 $g(s) = -\int_0^\infty \{ |x|^{\nu-1} dx$.
In Volume II the following corrections should be made.
P. 130: In 10.2(17), in $f(x)$ change $+ \cos[(1/2\nu - \mu)\pi]$ to $\times \cos[(1/2\nu - \mu)\pi]$.
P. 177: In 12.1(15), for

$$\frac{1}{2}[\pi \alpha y/(y^2 + \alpha^2)]^{1/2} \exp[-(y^2 + \alpha^2)^{1/2}],$$

read

$$\frac{1}{2}[\pi \alpha y/(y^2 + \alpha^2)]^{1/2} \exp[-(y^2 + \alpha^2)^{1/2}].$$

P. 344: In 19.2(36) the constant on the right side should be $-(\frac{1}{2}\alpha)^{1/2}$ instead of

$$-(\frac{1}{2}a)^{1/2}. \text{(This is given correctly in formula 7.181(2) on p. 810 of Tables of Integrals, Series, and Products, by I. S. Gradshteyn & I. M. Ryzhik, Academic Press, New York 1965.)}$$

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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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2. D. Bierens de Haan, Nouvelles Tables d'Intégrales Définies, corrected reprint, Stechert, New York, 1939, Table 89, formulas 10 and 15, p. 130.


On p. 30 the last two places of the 18S value of $e^{\sqrt{23}}$ 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

$9606148757845010999287540714389194369$, and the cofactor of $V_{276}$ should read

$18423463609862225329$. 

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

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