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# TABLE ERRATA

**629.**—*Integrals and series, Vol. 1, Elementary functions*, by A. P. Prudnikov, Yu. A. Brychkov, and O. I. Marichev, Gordon and Breach, New York, 1986

| *Page* | *Formula* | |
|---|---|---|
| 448 | 2.5.33.4. | *For* $\dfrac{1-\delta\mp n}{2}$ *read* $\dfrac{1\mp 1+2n}{4}$; *for* $\dfrac{b+ip+na}{2}$ *read* $\dfrac{b+ip+na}{2a}$; *for* $\dfrac{b-ip+na}{2}$ *read* $\dfrac{b-ip+na}{2a}$. Delete $\delta=\begin{Bmatrix}1\\0\end{Bmatrix}$. |
| 449 | 2.5.33.5. | *For* $\dfrac{1}{2c}$ *read* $\dfrac{1}{2ci}$. |
| 529 | 2.6.22.5. | *Replace* the incorrect second line of the r.h.s. *by* $-\dfrac{\pi}{\sin\alpha\pi}\left[\left(\dfrac{q}{p}\right)^{\alpha/2}\{\ln pI_{-\alpha}(2\sqrt{pq})+\ln qI_{\alpha}(2\sqrt{pq}\}-.\right.$ |
| 681 | 5.1.23.14. | *For* $-\dfrac{\pi^3}{128}$ *read* $+\dfrac{\pi^3}{128}$. |
| 762 | I.1.11. | *Add* $n\geq 0$ in I.1.11.2.–I.1.11.7. |
| 762 | I.1.11.3. | In the line for $\sin\dfrac{n\pi}{3}$, *for* $1\mp(-1)^{[n/3]}$ *read* $1\mp(-1)^{[(n+1)/3]}$. In the line for $\operatorname{tg}\dfrac{n\pi}{3}$, *for* $-1-(-1)^{[(n+1)/3]}$ *read* $1-(-1)^{[(n+1)/3]}$. |
| 762 | I.1.11.5. | *Replace* the incorrect formulae (including the restrictions) *by* $\sin\dfrac{n\pi}{5}=\dfrac{1}{4}(-1)^{[n/5]}\sqrt{10-(-1)^{[(2n-10[n/5]-1)/3]}2\sqrt{5}}$ $[n\neq 0,5,10,\ldots]$, $=0$ $[n=0,5,10,\ldots]$; $\cos\dfrac{n\pi}{5}=\dfrac{1}{4}(-1)^{[(n+2)/5]}\left\{\sqrt{5}+(-1)^{[(2n-10[n/5]-1)/3]}\right\}$ $[n\neq 0,5,10,\ldots]$, $=(-1)^{[(n+2)/5]}$ $[n=0,5,10,\ldots]$. |

| *Page* | *Formula* | |
|---|---|---|
| 763 | I.1.11.7. | *Replace* the incorrect formula for $\operatorname{tg}\frac{n\pi}{8}[n \text{ even}]$ *by* $\operatorname{tg}\frac{n\pi}{8} = (-1)^{[(n/2-4[n/8]-1)/2]}$ $[n \text{ even};\ n \neq 0, 4, 8, 12, \ldots]$, $= 0$ $[n = 0, 8, 16, \ldots]$, $= \infty$ $[n = 4, 12, 20, \ldots]$. |
| 764 | I.1.11.12. | In the third line, *for* $+1 \mp \sqrt{5}$ *read* $\pm 1 \mp \sqrt{5}$. |

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**630.**—*Integrals and series, Vol. 4, Direct Laplace transforms*, by A. P. Prudnikov, Yu. A. Brychkov, and O. I. Marichev, Gordon and Breach, New York, 1992

| *Page* | *Formula* | |
|---|---|---|
| 74 | 2.4.1.21. | *For* $1 \mp 1 \mp 2n$ *read* $1 \mp 1 + 2n$. |
| 74 | 2.4.1.22. | *For* $\frac{1}{2b}$ *read* $\frac{1}{2bi}$. |

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**631.**—*Tables of integral transforms*, Vol. I, A. Erdélyi (Editor), W. Magnus, F. Oberhettinger, and F. G. Tricomi (research associates), McGraw-Hill, New York, 1954

| *Page* | *Formula* | |
|---|---|---|
| 19 | 1.6(9) | *Replace* the incorrect r.h.s. *by* $\frac{1}{8}\{(3a+y)\ln(3a+y) + (3a-y)\ln\lvert 3a-y\rvert - 3(a+y)\ln(a+y) - 3(a-y)\ln\lvert a-y\rvert\}$. |
| 79 | 2.6(15) | *Replace* the incorrect r.h.s. *by* $\frac{1}{8}\pi\{\max(0, 2a - \lvert b-y\rvert) - \max(0, 2a-b-y)\}$. |

| *Page* | *Formula* | |
|---|---|---|
| 80 | 2.6(17) | *For* $\operatorname{sgn}(y-2a+2b)+\operatorname{sgn}(y+2a-2b)$ *read* $\operatorname{sgn}(y-2(a+b))+\operatorname{sgn}(y-2\lvert a-b\rvert)$. |

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**632.**—*Handbook of elliptic integrals for engineers and scientists*, by P. F. Byrd and M. D. Friedman, Springer, Berlin, 1971

| *Page* | *Formula* | |
|---|---|---|
| 312 | 1037.10 | *Replace* the incorrect r.h.s. *by* $$\frac{au}{c}-\frac{ad-bc}{c^2\wp'(\alpha)}\left[2\zeta(\alpha)u+\ln\frac{\sigma(u-\alpha)}{\sigma(u+\alpha)}\right],$$ $$\alpha=\wp^{-1}(-d/c).$$ |

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