TABLE ERRATA

444.—Milton Abramowitz & Irene A. Stegun, Editors, *Handbook of Mathematical Functions with Formulas, Graphs, and Mathematical Tables*, National Bureau of Standards, Applied Mathematics Series, No. 55, U. S. Government Printing Office, Washington, D. C., 1964, and all known reprints.

On p. 561, in the right members of Formulas 15.4.8 and 15.4.9 the associated Legendre functions of the first kind, P_{b-1}^{b-a} and P_{b-1}^{a-b}, respectively, should be replaced by those of the second kind, Q_{b-1}^{b-a} and Q_{b-1}^{a-b}, of the respective given arguments.

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445.—A. Erdélyi, W. Magnus, F. Oberhettinger & F. G. Tricomi, *Tables of Integral Transforms*, McGraw-Hill Book Co., New York, 1954.

On p. 227 of Volume II, in the right member of transform 14.3(26), *for* $I_\mu[b(y-\gamma)^{1/2}]$, *read* $I_\nu[b(y-\gamma)^{1/2}]$.

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On p. 290 of Volume II, the polynomials $H(ax)$ and $H(x)$ in formula 20 should be replaced by $He(ax)$ and $He(x)$, respectively, so that the integral will correctly read

$$\int_{-\infty}^{\infty} \exp\left(-\tfrac{1}{2}x^2\right) He_m(ax) He_n(x)\,dx\,.$$

Similarly, on p. 291, in formula 21 the integrand should read

$$\exp\left(-\tfrac{1}{2}x^2\right) He_{2m+n}(ax) He_n(x)\,.$$

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Editorial note: For notices of further errata in this set of tables, see *Math. Comp.*, v. 15, 1961, pp. 319–321, MTE **304**; v. 18, 1964, pp. 532–533, MTE **353**; v. 19, 1965, p. 361, MTE **367**; v. 20, 1966, p. 641, MTE **401**; v. 22, 1968, p. 473, MTE **422**, pp. 695–696, MTE **424**, p. 903, MTE **427**; v. 23, 1969, p. 468, MTE **436**.

446.—I. S. Gradshteyn & I. M. Ryzhik, *Table of Integrals, Series, and Products*, 4th edition, Academic Press, New York, 1965.

On p. 837, in formula 7.374.4 the exponent of 2 in the right member should be n instead of $-m + \frac{1}{2}$.

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EDITORIAL NOTE: For additional corrections see *Math. Comp.*, v. 22, 1968, pp. 903–907, MTE **428** and v. 23, 1969, pp. 468–469, MTE **437.**

447.—C. LANCZOS, *Applied Analysis*, Prentice-Hall, Englewood Cliffs, N. J., 1961.

On p. 514, the coefficient of x^{12} in the shifted Legendre polynomial $P_{13}^*(x)$ should read 67603900 instead of 97603900.

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EDITORIAL NOTE: For a previous announcement of an error in this book, see *Math. Comp.*, v. 17, 1963, p. 334, MTE **335.**

448.—T. N. L. PATTERSON, "The optimum addition of points to quadrature formulae," *Math. Comp.*, v. 22, 1968, pp. 847–856.

Recalculation to higher precision has revealed that a few of the early abscissas given in Table M14 (appearing in the microfiche supplement of this issue) are inaccurate beyond the 12th decimal place. An emended version of Table M14, giving abscissas and weights to 20S, appears in the microfiche supplement of this issue. The weights in the original table are consistent with the corresponding abscissas, so that in practice the difference in results produced by that table and the modified one will be insignificant.

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449.—MURRAY R. SPIEGEL, *Mathematical Handbook of Formulas and Tables*, McGraw-Hill Book Co., New York, 1968.

In 1.27, on p. 1 and in 5.14, on p. 12, the final digit in the 20S approximation to $\pi/180$ should be rounded correctly to an 8.

In formula 5.37, on p. 15, the denominator of the right member should read $\cot B \pm \cot A$.

In formula 7.14 on p. 24, the 10D value of ln10 should be rounded up to read 2.30258 50930.

In formula 19.29 on p. 108, the right member should read $3\pi^3\sqrt{2}/128$, in place of $3\pi^2\sqrt{2}/16$.

In problem 6(d) on p. 195, the logarithm of .009848 should read 7.9933 − 10.

In problem 27(a) on p. 200, the last equation should read

$$\sinh(4.846) = 63.231 + \frac{6}{10}(.635) = 63.612\,.$$

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