

## TABLE ERRATA

**458.**—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 reprints to date.

In Section 25.4.45, on p. 890, the numerator of the formula for the weights associated with the Gauss-Laguerre quadrature formula should read  $x_i$  instead of  $(n!)^2 x_i$ .

This correction is consistent with the form of the Laguerre polynomials adopted in Chapter 22 of this handbook and used in the computation of the weight factors in Table 25.9 on p. 923.

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**459.**—W. S. ALDIS, “Tables for the solution of the equation  $d^2y/dx^2 + (1/x)dy/dx - (1 + n^2/x^2)y = 0$ ,” *Proc. Roy. Soc. London*, v. 64, 1899, pp. 203–223.

Comparison of these tables with new, unpublished tables of Berger & McAllister [1] has revealed a number of errors in Aldis’s values.

Thus, in Table II (p. 220) the following corrections in ending digits are required:

$x$	$K_0(x)$		$x$	$K_1(x)$	
	<i>for</i>	<i>read</i>		<i>for</i>	<i>read</i>
11.0	... 6	... 7	9.0	... 382	... 379
12.0	... 302	... 311	10.0	... 9	... 8

In Table III (p. 221) the following changes are indicated:

$x$	$I_0(x)$		$I_1(x)$	
	<i>for</i>	<i>read</i>	<i>for</i>	<i>read</i>
8.0	... 175	... 177	... 228	... 219
9.0	... 845	... 846	... 428	... 429
10.0	... 294	... 470	... 247	... 341
11.0	... 179	... 181	... 818	... 821

  

$x$	$K_0(x)$		$K_1(x)$	
	<i>for</i>	<i>read</i>	<i>for</i>	<i>read</i>
7.0	... 231	... 232	... 898	... 897
8.0	... 804	... 815	... 4984	... 5001
9.0	... 458	... 459	... 453	... 452
10.0	... 066	... 168	... 874	... 826
11.0	... 653	... 654	... 582	... 581

The discovery of errors in this table is particularly interesting in view of the relevant remark in the *FMRC Index* [2] that, “it seems probable that no error exists.”

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