

## TABLE ERRATA

**433.**—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.

In Section 8.13, on p. 337, the argument of the complete elliptic integrals is chosen as the modulus  $k$  and not the parameter  $m$ , as might be erroneously inferred from the notation introduced in Section 17.3, p. 590.

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EDITORIAL NOTE: For additional errors in this section (corrected in the sixth printing) see *Math. Comp.*, v. 22, 1968, p. 244, MTE 418.

**434.**—WILLIAM H. BEYER, Editor, *Handbook of Tables for Probability and Statistics*, Chemical Rubber Co., Cleveland, Ohio, 1966.

In Table VII.2, entitled Variances and Covariances of Order Statistics (for Normal Distribution), which appears on pp. 261–265 of the professional (502-page) edition and on pp. 117–121 of the student (362-page) edition, the entry for  $n = 8$ ,  $i = 2$ ,  $j = 6$  should read .0787224682 instead of .0787224662, and the entry for  $n = 11$ ,  $i = 2$ ,  $j = 6$  should read .0719205024 instead of .0719305024.

These errors were detected by first converting the tabulated covariances  $\sigma_{i,j,n} = \text{Cov}\{X_{(i,n)}, X_{(j,n)}\}$  to ordinary second moments  $\mu_{i,j,n} = E\{X_{(i,n)} \cdot X_{(j,n)}\}$ , and then applying the well-known recursion formula [1]:

$$\begin{aligned}\mu_{i,j,n} &= \frac{i}{n+1} \mu_{i+1,j+1,n+1} + \frac{j-1}{n+1} \mu_{i,j+1,n+1} \\ &+ \frac{n-j+1}{n+1} \mu_{i,j,n+1}.\end{aligned}$$

The same errors appeared originally in a paper by Sarhan & Greenberg [2] and were reproduced in a book edited by the same writers [3].

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1. Z. GOVINDARAJULU, "Exact lower moments of order statistics in samples from the chi-distribution (1 d.f.)," *Ann. Math. Statist.*, v. 33, 1962, pp. 1292–1305 (especially p. 1293).