TABLE ERRATA


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.


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]:

$$
\mu_{i,j,n} = \frac{i}{n+1} \mu_{i+1,j+1,n+1} + \frac{j - 1}{n+1} \mu_{i,j+1,n+1} + \frac{n - j + 1}{n+1} \mu_{i,j,n+1}.
$$

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

James J. Filliben

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