

which are needed for an exposition of Hunt's approach to potential theory. The book ends with a chapter devoted to Choquet's representation theorem and some applications. Thus, as can be seen from the table of contents, one of the author's main purposes is to give an account of those methods of probability theory which could prove to be of great service to analysts. The reviewer feels that the author should have included for these analysts a section on the potential theory of the Brownian motion process, as this would have illustrated in a concrete and nontrivial way many of the abstract concepts he has defined. For the specialist in this field, on the other hand, this well written book, with its careful and complete discussion of new and important results, some of them due to the author himself, is highly recommended.

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**31[K, X].**—ARISTARKH KONSTANTINOVICH MITROPOL'SKIĬ, *Correlation Equations for Statistical Computations*, Authorized translation from the Russian by Edwin S. Spiegelthal, Consultants Bureau Enterprises, Inc., New York, 1966, viii + 103 pp., 28 cm. Price \$9.50.

In this book, the author describes various methods for performing calculations associated with correlational analysis. Most of these methods have little value when the calculations are performed on an automatic computer. Matrix notation is not used, and the notation of the author is quite awkward.

One can only be more overwhelmed by the price of this book than by the fact that it was translated at all.

G. H. G.

**32[K, X].**—E. S. PEARSON & H. O. HARTLEY, Editors, *Biometrika Tables for Statisticians*, Vol. I, Third Edition, Cambridge University Press, New York, 1966, xvi + 264 pp., 29 cm. Price \$6.50.

This new edition of a standard source of statistical tables is welcomed. The review by Milton Abramowitz (this journal, Volume 9, (1955), 205–211) remains a valid assessment. We now add details to his review to reflect the changes of the new editions.

For both the second and third editions the basic changes were made in the tables, although corresponding changes have been made in the Introduction. In these editions there is an Index of the tables. The following is a list of the changed or new tables. Tables with a number followed by a lower case letter are new in the third edition.

- 8 Percentage points of the  $\chi^2$ -distribution.  
Removal of cut-off errors in the last figure tabled.
- 11 Test for comparisons involving two variances which must be separately estimated.  
Addition of 2.5 % and 0.5 % critical levels.