10:45 a.m.–12:00 noon—Invited Papers VI

Chairman: F. N. DAVID, University College London and the University of California, Berkeley

1. *Nonparametric Covariance Analysis I: Testing Methods*, ROBERT ELASHOFF, University of California, Berkeley, and Z. GOVINDARAJULU, University of California, Berkeley and Case Institute of Technology.
2. *The Statistical Properties of Ocean Wave Forces*, LEON BORGMAN, University of California, Davis.

Contributed Papers by Title

1. *Selection from Multivariate Normal Populations*, KHURSHEED ALAM and M. HASAEEB RIZVI, Indiana and Ohio State Universities.
2. *Inadmissibility of the Classical Estimator of the Multiple Regression Function*, A. J. BARANCHIK, Columbia University.
3. *Characterization Theorems for the Weibull and the Weibull-Gamma Distributions*, SATYA D. DUBEY, Procter and Gamble Company.
4. *Regenerative Methods in Systems Reliability*, BENJAMIN EPSTEIN, Consultant, Palo Alto, California.
5. *Uniform Convergence of Losses in the Fixed and Sequential $m \times n$ Compound Decision Problem*, J. VAN RYZIN, Argonne National Laboratory.
6. *An Admissible Test with Monotone Power Function for the Equality of Two Covariance Matrices*, M. S. SRIVASTAVA, University of Toronto.
7. *On a Test of the Homogeneity of Correlation Coefficients*, M. S. SRIVASTAVA, University of Toronto.
8. *Theory of Modal Unbiased Estimation*, M. T. WASAN, Queen's University.
9. *On Certain Properties of the Exponential-Type Families*, G. P. PATIL, McGill and Pennsylvania State Universities, and RICHARD SHORROCK, McGill University.
10. *An Analysis for Shift in Mean of a Nonstationary Time Series*, M. J. HINICH and J. U. FARLEY, Carnegie Institute of Technology.
11. *Application of the Statistical Decision Theory to Signal Waveform Extraction*, M. BEHARA and N. K. LOH, University of Waterloo.

R. F. TATE
Associate Secretary

PUBLICATIONS RECEIVED

BAKST, AARON (1965). *Mathematical Puzzles and Pastimes*, Second Edition. D. Van Nostrand Co., Princeton, New Jersey. vii + 242 pp. $5.50.

BLOEMENA, A. R. (1964). *Sampling from a Graph*. Mathematical Centre Amsterdam, Netherlands, 96 pp. $3.00.

COHN, RICHARD M. (1965). *Difference Algebra*. John Wiley and Sons, New York. xiv + 355 pp. $12.95.

DAVIS, JAMES A., GILMAN, RICHARD, and SCHICK, JUDITH (1965). *Tables for Yule's Q Association Coefficient for Pairs of Percentages*. The National Opinion Research Center, Chicago, Illinois. 21 pp. $2.00.

FRY, THORNTON C. (1965). *Probability and Its Engineering Uses*, Second Edition. D. Van Nostrand Co., Princeton, New Jersey. xv + 462 pp. $15 (Reference), $12 (College Text Edition).

HARARY, FRANK, NORMAN, ROBERT Z., and CARTWRIGHT, DORWIN (1965). *Structural Models: An Introduction to the Theory of Directed Graphs.* John Wiley and Sons, New York. ix + 415 pp. $9.95.

HU, SZE-TSEN (1965). *Theory of Retracts.* Wayne State University Press. 234 pp. $13.50.

HU, SZE-TSEN (1965). *Elements of Modern Algebra.* Holden-Day, Inc., San Francisco, California. x + 208 pp. $8.95.

ITÔ, KIYOSI and McKEAN, HENRY P., JR. (1965). *Diffusion Processes and their Sample Paths.* Academic Press, New York and Springer-Verlag, Berlin. xvi + 321 pp. $14.50.

SELIN, IVAN (1965). *Detection Theory.* Princeton University Press. xiii + 128 pp. $5.00.

VAN ZWET, W. R. (1964). *Convex Transformations of Random Variables.* Mathematical Centre, Amsterdam, Netherlands. 116 pp. $3.00.