

**1:20-3:10 p.m.—Statistical Theory**

Chairman: P. W. MIKULSKI, University of Illinois.

1. *Estimation in the Balanced Incomplete Block Design*, V. SESHADRI, Southern Methodist University.
2. *Testing Equality of Means after a Preliminary Test of Equality of Variances*, J. GURLAND AND R. S. McCULLOUGH, University of Wisconsin and Iowa State University.
3. *Duels as Limits of Game Iterations*, H. T. DAVID AND A. LIPIS, Iowa State University.

**3:30-4:30 p.m.—Contributed Papers III**

Chairman: H. T. DAVID, Iowa State University.

1. *Estimating the Parameters of Negative Exponential Populations from One or Two Order Statistics*, H. LEON HARTER, Aeronautical Research Laboratory, Wright-Patterson Air Force Base.
2. *Limiting Behavior of a Sequence of Density Ratios*, SUNARDI WIRJOSUDIRDJO, Bandung Institute of Technology.
3. *Variance of a Random Sum of Random Variables (Preliminary Report)*, R. A. WIJSMAN, University of Illinois.

**Contributed Papers Presented by Title**

1. *Completeness and the Existence of Unbiased Tests*, C. B. BELL, San Diego State College and the University of Washington.
2. *Unbiased Estimation of Probability Densities (Preliminary Report)*, S. G. GHURYE AND INGRAM OLKIN, University of Minnesota and Stanford University.
3. *A  $3(2^{k-4})$  Design of Resolution V*, PETER W. M. JOHN, University of California, Davis.
4. *A Generalized Partially Balanced Association Scheme*, J. N. SRIVASTAVA, University of North Carolina.

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**PUBLICATIONS RECEIVED**

- JAKOBSON, ROMAN, ed. (1961). *Structure of Language and its Mathematical Aspects*. Proceedings of Symposia in Applied Mathematics 12, American Mathematical Society, Providence. 279 pp. \$7.80.
- SHISKIN, JULIUS (1961). *Signals of Recession and Recovery; an Experiment with Monthly Reporting*. Occasional Paper No. 77, National Bureau of Economic Research, New York. 191 pp. \$3.00.
- VADJA, S. (1961). *Mathematical Programming*. Addison-Wesley, Reading, Mass. 310 pp. \$8.50.
- Funds for Research and Development in Industry: Report on a 1958 Survey* (1961). National Science Foundation, Washington, D. C. 119 pp. 65¢.
- Selected Translations in Mathematical Statistics and Probability, Vol. 1* (1961). Institute of Mathematical Statistics and American Mathematical Society, Providence. 306 pp. \$4.80.