

REPORT ON THE BERKELEY MEETING OF THE INSTITUTE

The thirty-ninth meeting and fifth regional West Coast meeting of the Institute of Mathematical Statistics was held on the Berkeley campus of the University of California, from Thursday June 16 through Saturday June 18, 1949. The session on June 17 was held jointly with the Biometrics Section of the American Statistical Association and the Biometric Society (Western N. A. Region). Sixty-six persons registered, including the following fifty members of the Institute:

Jane F. Andrian, G. A. Baker, Z. Wm. Birnbaum, Colin R. Blyth, Albert H. Bowker, Paul T. Bruyere, Chin Long Chiang, Edwin L. Crow, John H. Curtiss, R. C. Davis, Carl H. Denbow, W. J. Dixon, Mary Elveback, Mark Eudey, Edward A. Fay, Evelyn Fix, William R. Gaffey, H. H. Germond, M. A. Girshick, Jack Gysbers, Max Halperin, J. L. Hodges, Jr., John M. Howell, Harry M. Hughes, Cuthbert Hurd, Terry A. Jeeves, Mark Kac, H. S. Konijn, George M. Kuznets, Erich L. Lehmann, Richard F. Link, Michel Loève, Frank Massey, Lincoln E. Moses, Edith Mourier, Stanley W. Nash, J. Neyman, Edward Paulson, Stefan Peters, Raymond P. Peterson, Robert I. Piper, Gladys Rappaport, Mina Rees, David Rubinstein, Elizabeth L. Scott, Esther Seiden, Charles M. Stein, John E. Walsh, John Wishart, Zivia S. Wurtele.

Those attending were welcomed at the Thursday morning session by Edward W. Strong, Associate Dean of the College of Letters and Science, University of California. Professor Z. William Birnbaum of the University of Washington presided.

The program was as follows:

1. *Recent advances in the theory of the Wishart distribution.* (Invited paper.) John Wishart, Cambridge University.
2. *Bayes, minimax, and other approaches to the multiple classification problem.* (Invited paper.) M. A. Girshick, Stanford University.
3. *Some problems in sequential analysis.* Charles M. Stein, University of California, Berkeley.

Professor Jerzy Neyman of the University of California, Berkeley, presided at the Thursday afternoon session. Midway in the program there was an intermission for a tea given by the Statistical Laboratory, University of California. The program was as follows:

1. *Completeness in the sequential case.* E. L. Lehmann and C. M. Stein, University of California, Berkeley.
2. *Some large sample tests for the median.* John E. Walsh, The Rand Corporation.
3. *Continuous sampling plans from the risk point of view.* Zivia S. Wurtele, Stanford University.
4. *Some problems in point estimation.* J. L. Hodges, Jr. and E. L. Lehmann, University of California, Berkeley.
5. *Minimum variance in non-regular estimation.* R. C. Davis, U. S. Naval Ordnance Test Station, Inyokern.
6. *Some aspects of links between prediction problems and problems of statistical estimation.* Erling Sverdrup, University of Oslo.

7. *Extension of a theorem of Blackwell.* (By title). Edward W. Barankin, University of California, Berkeley.
8. *Some two-sample tests.* (By title). Douglas G. Chapman, University of California, Berkeley.
9. *On the existence of consistent tests.* (By title). Agnes Berger, Columbia University.

Professor F. W. Weymouth of Stanford University presided at the Friday morning session on biometrics. The program was as follows:

1. *Statistical problems arising from research in tuberculosis.* Martha and Paul T. Bruyere, U. S. Public Health Service.
2. *Correlation of variability with growth rate in fish and mollusks.* F. W. Weymouth, Stanford University.
3. *Some problems arising in plant selection and the use of analysis of variance.* Stanley W. Nash, University of California, Berkeley.
4. *Studies of resistance of strawberry varieties and selections to verticillium wilt.* R. E. Baker and G. A. Baker, University of California, Davis.
5. *A uniformity trial on unirrigated barley of ten years duration with implications for field trial designs.* F. J. Veihmeyer, M. R. Huberty, and G. A. Baker, University of California, Davis and Los Angeles.

On Friday afternoon those attending the meeting were entertained at a picnic luncheon at Stanford University, given by the Department of Statistics, Stanford University.

Professor C. B. Morrey, Jr., of the University of California, Berkeley, presided at the Saturday morning session. The program consisted of the following invited papers:

1. *Methods for getting limiting distributions.* Mark Kac, Cornell University.
2. *Almost certain convergence.* Michel Loève, University of California, Berkeley.

At 11 o'clock Saturday morning a business session was held, under the chairmanship of Professor Jerzy Neyman of the University of California, Berkeley, for the purpose of discussing future West Coast meetings. Plans for reviving the Statistical Research Memoirs were also discussed.

On Saturday afternoon a final session for contributed papers was held under the chairmanship of Professor Albert H. Bowker of Stanford University. The program was as follows:

1. *Effect of linear truncation in a multinormal population.* Z. William Birnbaum, University of Washington.
2. *Estimation in truncated samples.* Max Halperin, The Rand Corporation.
3. *On the similar regions of a class of distributions.* Stefan Peters, University of California, Berkeley.
4. *Auxiliary random variables.* Mark W. Eudey, California Municipal Statistics.
5. *The ratio of ranges.* Richard F. Link, University of Oregon.
6. *Statistical problems in the theory of Geiger counters.* Colin R. Blyth, University of California, Berkeley.
7. *Asymptotic properties of the Wald-Wolfowitz test of randomness.* (By title). Gottfried E. Noether, Columbia University.

J. L. HODGES, JR.
Assistant Secretary