

REPORT ON THE WELLESLEY MEETING OF THE INSTITUTE

The Seventh Summer Meeting of the Institute of Mathematical Statistics was held at Wellesley College, Wellesley, Mass., on Saturday and Sunday, August 12 and 13, 1944, in conjunction with the meetings of the Mathematical Association of America and the American Mathematical Society. The following 51 members of the Institute attended the meeting:

T. W. Anderson, H. E. Arnold, K. J. Arnold, L. A. Aroian, A. L. Bailey, J. L. Barnes, C. I. Bliss, A. H. Bowker, B. H. Camp, C. W. Churchman, W. G. Cochran, T. E. Cope, J. H. Curtiss, W. E. Deming, P. S. Dwyer, Will Feller, C. D. Ferris, R. M. Foster, H. A. Freeman, Henry Goldberg, E. J. Gumbel, P. R. Halmos, Harold Hotelling, Truman Kelley, L. R. Klein, Myra Levine, John Mandel, J. W. Mauchly, Richard v. Misès, E. B. Mode, Vaclav Myslivec, P. M. Neurath, M. L. Norden, C. O. Oakley, P. S. Olmstead, Edward Paulson, Wm. Reitz, S. L. Robinson, F. E. Satterthwaite, Henry Scheffé, W. A. Shewhart, Andrew Sobszyk, H. W. Steinhaus, Marian Torrey, Mary Torrey, A. W. Tucker, J. W. Tukey, Abraham Wald, R. M. Walter, Elizabeth Wilson, Jacob Wolfowitz.

The first session was held jointly with the Mathematical Association and consisted of a Symposium on "Potential Opportunities for Statisticians and the Teaching of Statistics." The President of the Institute, Dr. W. A. Shewhart, presided. The principal addresses were made by Dr. Shewhart and Professor Harold Hotelling. Remarks were also made, upon invitation of the Chairman, by Prof. Milton de Silva Rodrigues of Sao Paulo University in Brazil who is spending a year in studying methods of teaching statistics in this country, and by Dr. Vaclav Myslivec, Czechoslovak Delegate to the United Nations Interim Commission on Food and Agriculture. A lively discussion was under way when time forced the conclusion of the meeting. There was continued discussion by a smaller group for some time afterwards.

Professor B. H. Camp acted as Chairman at the Sunday morning session, a contributed papers session held jointly with the Association. The following papers were presented:

1. *Statistical Tests Based on Permutations of the Observations.*
A. Wald and J. Wolfowitz, Columbia University.
2. *Error Control in Matrix Calculation.*
F. E. Satterthwaite, Aetna Life Insurance Co.
3. *On Cumulative Sums of Random Variables.*
A. Wald, Columbia University.
4. *The Approximate Distribution of the Mean and of the Variance of Independent Variables.*
P. L. Hsu, National University of Peking. (Introduced, and presented, by W. Feller, Brown University).
5. *Ranges and Midranges.*
E. J. Gumbel, New School for Social Research.
6. *Statistics of Sensitivity Data, II.* Preliminary report.
C. W. Churchman, Frankford Arsenal and Benjamin Epstein, Westinghouse Electric and Manufacturing Co.

President Shewhart presided at the Sunday afternoon session. The following invited addresses were given:

1. *The Problem on Tolerance Limits.*
Lt. J. H. Curtiss, USNR.
2. *Some Improvements in Weighing and Other Experimental Techniques.*
H. Hotelling, Columbia University.

A business meeting was held at the conclusion of the Sunday afternoon session. The Secretary-Treasurer made a brief report dealing with (1) the financial condition of the Institute and (2) the membership growth of the Institute. The President, reporting for the Editor, indicated a need for more papers for the next two or three issues of the Annals. The Institute, after some discussion, then passed two Amendments to the Constitution and four Amendments to the By-Laws. These Amendments are listed in the following section. A resolution thanking the officials of Wellesley College was passed.

A dinner for the three mathematical organizations was held Sunday evening. Addresses were made by Captain Mildred H. McAfee and Professor Marshall H. Stone. Later in the evening there was a musicale featuring David Barnett.

P. S. DWYER
Secretary