THE APRIL MEETING IN STANFORD UNIVERSITY

The four hundred tenth meeting of the American Mathematical Society was held at Stanford University on Saturday, April 28, 1945. Approximately forty people attended, including the following twenty-eight members of the Society:

H. M. Bacon, B. A. Bernstein, H. F. Blichfeldt, E. A. Davis, T. C. Doyle, Evelyn Fix, S. M. Hallam, O. H. Hamilton, J. G. Herriot, Glenn James, D. H. Lehmer, J. C. C. McKinsey, F. J. Massey, E. D. Miller, K. A. Morgan, Jerzy Neyman, C. D. Olds, George Polya, W. C. Randels, J. B. Robinson, R. M. Robinson, S. A. Schaaf, A. C. Schaeffer, T. W. Simpson, Gabor Szegö, Alfred Tarski, A. R. Williams, František Wolf.

There was a section for contributed papers in the morning at which Professor B. A. Bernstein presided. The afternoon session was devoted to a symposium on *Contagious probability distributions* at which Professor Jerzy Neyman and Professor George Polya spoke. Professor Polya spoke about *Interpretation or interpolation? Remarks on certain applications of, and certain views about, contagious probability distributions.* This address discussed some of the known dependent events ("influence of the crowd," "influence of the predecessor," and so on), their most intuitive applications, and the notable fact that a probability distribution resulting from such a structure of mutual dependence can be interpreted also as generated by the concurrence of independent events, and even in various ways (inhomogeneity, delivery by "packages"). Professor Neyman's address, which will be printed in greater detail, was about *Multivariate Poisson and contagious distributions.* Professor H. F. Blichfeldt presided at the afternoon session.

Titles and cross references to papers read at the meeting follow below. Paper 7, whose abstract number is followed by the letter *t*, was read by title. Mr. Jonsson was introduced by Dr. Tarski.

1. D. H. Lehmer: *On the Graeffe process for power series.* (Abstract 51-5-87.)

2. Kathryn A. Morgan: *Representation of a positive binary form by a positive quaternary form.* (Abstract 51-5-81.)

3. R. M. Robinson: *Univalent majorants.* (Abstract 51-5-89.)

4. Glenn James: *Certain general polynomial expansions.* (Abstract 51-5-86.)

5. George Polya and Gabor Szegö: *On finite Fourier integrals.* (Abstract 51-7-119.)

6. Bjarni Jonsson: *On unique factorization problem for torsionfree Abelian groups.* (Abstract 51-5-75.)