

THE APRIL MEETING IN CHICAGO

The five hundred second meeting of the American Mathematical Society included a Symposium on Applied Mathematics (sponsored by the Society and the Office of Ordnance Research) and was held at the University of Chicago on Thursday, Friday and Saturday, April 29, 30 and May 1.

There were a total of 421 registrations, including 308 members of the Society, representing almost twice the attendance at the 1953 meeting. (By order of the Council the detailed list of the names of members attending this and future meetings is deleted from the report.)

The Symposium was divided into three sessions which met respectively at 9:00 A.M. and 2:00 P.M. on Thursday, and at 9:00 A.M. on Friday. Major General L. E. Simon, Department of the Army, served as chairman of the first meeting at which the following papers were presented: *Operations research* by Professor P. M. Morse of Massachusetts Institute of Technology, *Problem of inductive inference*, by Professor Jerzy Neyman of the University of California, *Recent developments in analysis of variance*, by Professor H. O. Hartley of the University of London and Iowa State College. Dr. F. E. Grubbs of the Ballistic Research Laboratories served as the discussion leader.

The second session was presided over by Dr. T. J. Killian of the Office of Ordnance Research. He introduced Professor M. R. Hestenes of the University of California, Los Angeles, Mr. John Todd of the National Bureau of Standards, Professor A. A. Bennett of Brown University, and Professor J. E. Mayer of the University of Chicago, who spoke respectively on *Computational methods*, *Motivations for working in numerical analysis*, *Some numerical computations in ordnance problems*, and *Unsolved problems in statistical mechanics*. Mr. M. W. Leutert of the Ballistic Research Laboratories led the discussion.

The topics of the final session were *The simplest rate theory of pure elasticity*, *On the stability of mechanical systems*, *Problems associated with hyperbolic partial differential equations*, and *On the nature of differential operators and boundary value problems*, presented respectively by Professor C. A. Truesdell of Indiana University, Professor J. J. Stoker of New York University, Professor Florent Bureau of the University of Liege and the University of Chicago, and Professor William Feller of Princeton University. Mr. W. W. Leutert of the Ballistic Research Laboratories presided, and Professor Paul Germain