THE APRIL MEETING IN BROOKLYN

The five hundred twelfth meeting of the American Mathematical Society was held on Thursday, Friday, and Saturday, April 14–16, 1955, at the Polytechnic Institute of Brooklyn, which was celebrating its Centennial Year. A Symposium on Mathematical Probability and its Applications (sponsored by the Society and the Office of Ordnance Research) was held on Thursday and Friday. About 500 persons registered, including 392 members of the Society.

The Symposium was divided into three sessions which met at 10:00 A.M. and 2:00 P.M. on Thursday, and at 10:00 A.M. on Friday. The first session, devoted to Diffusion Theory, was presided over by Professor Shizuo Kakutani. The following papers were presented: *Brownian motion depending on five parameters*, by Professor Paul Lévy of l'École Polytechnique, Paris; *A new look at the Dirichlet problem*, by Professor J. L. Doob of the University of Illinois; *Probability and differential equations*, by Professor William Feller of Princeton University.

At the second session of the Symposium, devoted to the Theory of Turbulence, the following papers were presented: *Functional analysis in the theory of turbulence*, by Professor Eberhard Hopf of Indiana University; *Stochastic processes of interest in statistical astronomy*, by Professor Guido Münch of the California Institute of Technology; *The singularity in the spectrum of homogeneous turbulence*, by Dr. G. K. Batchelor of Trinity College, Cambridge University. The chairman for this session was Professor Salomon Bochner.

Probability in Classical and Modern Physics was the subject of the third session at which Professor Herbert Robbins was the chairman. The papers presented were *Probability in classical physics*, by Professor Mark Kac of Cornell University; *Infinite models in physics*, by Dr. S. M. Ulam of Los Alamos, New Mexico; *Quantum theory and the foundations of probability*, by Professor B. O. Koopman of Columbia University.

By invitation of the Committee to Select Hour Speakers for Eastern Sectional Meetings, Professor R. D. Schafer of the University of Connecticut addressed the Society at 2:00 P.M. on Friday on *Structure and representation of nonassociative algebras*, and Professor Åke Pleijel of the University of Lund and the University of Maryland addressed the Society at 2:00 P.M. on Saturday on *Eigenfunction distribution for polar differential equations*. These sessions were presided over by Professors A. A. Albert and C. B. Morrey, Jr., respectively.