

## THE NOVEMBER MEETING IN URBANA

The six hundred eighty-first meeting of the American Mathematical Society was held at the University of Illinois, Urbana, Illinois on Saturday, November 28, 1970. There were 267 registrants, including 203 members of the Society.

By invitation of the Committee to Select Hour Speakers for Western Sectional Meetings there were two one-hour addresses. Professor Richard S. Varga of Kent State University addressed the Society on the subject *How functional analysis and approximation theory mix today with numerical analysis*; he was introduced by the Associate Secretary. Professor O. Timothy O'Meara of the University of Notre Dame spoke on the topic *Automorphisms of linear groups*; Professor Irving Reiner presided at Professor O'Meara's lecture.

By invitation of the same committee there were three special sessions of selected twenty-minute papers, each of which met both morning and afternoon. Professor Roger C. Lyndon arranged one such session on the subject of Combinatorial Group Theory; Professor Lyndon and Professor Paul E. Schupp presided during the morning, while Professor William W. Boone presided during the afternoon. The speakers were Louis Auslander, Gilbert Baumslag, Joan S. Birman, William W. Boone, Jacques Lewin, Michael F. Newman, John H. Remmers, Donald Solitar, and Heiner Zieschang. Another special session was arranged by Professor Walter V. Philipp of the University of Illinois on the subject of Probabilistic Number Theory; Professor Philipp and the Associate Secretary presided during the morning, while Professor Hubert Delange and Professor Robert P. Kaufman presided during the afternoon. The speakers were Patrick P. Billingsley, Itshak Borosh, Hubert Delange, John D. Dixon, Janos Galambos, Robert P. Kaufman, Johan H. B. Kemperman, William J. LeVeque, Walter V. Philipp, Charles Ryavec, Peter Szűsz, and Eduard Wirsing; Professor Galambos was a last minute substitute for Professor Paul Erdős. The third special session was arranged by Professor J. Jerry Uhl, Jr. of the University of Illinois on the subject of Vector Measures. The speakers were Jürgen O. Batt, Witold M. Bogdanowicz, James K. Brooks, Joseph Diestel, Nicolae Dinculeanu, Igor Kluvanek, D. R. Lewis, Paul W. Lewis, Pesi R. Masani, M. M. Rao, Habib Salehi, and J. J. Uhl; Professor Uhl presided throughout.

There were four sessions of contributed ten-minute papers. These were chaired by Professors Robert B. Ash, Kuo-Tsai Chen, Maurice H. Heins, and Ray G. Langebartel. Of the 22 ten-minute papers listed in the program of the meeting, 2 were presented by title; 3 late papers were added to the program, so that 23 ten-minute papers were actually presented.

On Friday, November 27, 1970, the day before the meeting itself, the University of Illinois sponsored a symposium on the Theory of Probability, without the support of any agency of the United States Government. The speakers and their titles were as follows: Professor Kiyosi Itô, Cornell University, *Boundary conditions on Markov processes*; Professor Steven Orey, University of Minnesota, *On the Wiener process with multidimensional time-parameter*; Professor Frank L. Spitzer, Cornell University, *On the uniqueness problem for Markov random fields*; Dr. Daniel W. Stroock, New York University, *On the support of diffusion processes, with applications to the strong maximum principle*; Professor Louis Sucheston, Ohio State University, *On generalizations of Harris processes*.

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URBANA, ILLINOIS