THE APRIL MEETING IN NEW YORK

The seven hundred thirteenth meeting of the American Mathematical Society was held at the Biltmore Hotel in New York, New York, from Wednesday, April 10, through Saturday, April 13, 1974, in conjunction with the 1974 spring meeting of the Association for Symbolic Logic. There were 364 registrants including 303 members of the Society.

By invitation of the Committee to Select Hour Speakers for Eastern Sectional Meetings, there were four one-hour addresses. Professor Serge Lang of Yale University spoke on *Higher dimensional diophantine problems*; he was introduced by Professor Edgar R. Lorch. Professor George C. Papanicolaou of the Courant Institute of Mathematical Sciences, New York University, spoke on *Asymptotic methods for stochastic equations*; he was introduced by Professor Jane Cronin Scanlon. Professor Sol I. Rubinow of the Graduate School of Medical Sciences, Cornell University, and the Sloan-Kettering Institute spoke on *Some mathematical problems in biology*; he was introduced by Professor Louis Nirenberg. Professor William P. Thurston of the Massachusetts Institute of Technology spoke on *The existence of foliations*; he was introduced by Professor William Browder.

There were two special sessions. Professor V. Lakshmikantham of the University of Rhode Island and the University of Texas, Arlington, organized a special session on Nonlinear Problems in Differential and Integral Equations; speakers were Bernard A. Asner, Jr., A. K. Chowdhury, Constantin Corduneanu, Paul William Davis, Jerome Eisenfeld, John R. Haddock, Athanassios G. Kartsatos, Gangaram S. Ladde, S. Leela, A. Richard Mitchell. Professor Herbert S. Wilf of the University of Pennsylvania and Rockefeller University organized a special session on Combinatorial Algorithms; speakers were Jack Edmonds, Daniel J. Kleitman, Albert Nijenhuis, Gian-Carlo Rota, W. T. Tutte, Herbert S. Wilf.

There were thirteen sessions for contributed ten-minute papers, chaired by Professors Seth R. Alpert, Robert E. Atalla, John F. Berglund, Ivan N. Erdelyi, Benjamin Fine, Paul Gordon, Dr. Dalton R. Hunkins, Professors Jin Bai Kim, Ulrich Koschorke, Roger Y. Lynn, Geza Schay, Marvin D. Tretkoff, Dr. Henry M. Walker.

With the support of the Office of Naval Research and the Atomic Energy Commission, a symposium on Mathematical Aspects of Chemical

and Biochemical Problems and Quantum Chemistry was held on Wednesday and Thursday, April 10 and 11. This topic was selected by the AMS-SIAM Committee on Applied Mathematics whose members at the time were Earl A. Coddington, Hirsh G. Cohen (chairman), Lester E. Dubins, Harold Grad, J. Barkley Rosser, Richard S. Varga. The Organizing Committee consisted of Donald S. Cohen (chairman), Hirsh G. Cohen, Julian D. Cole, George R. Gavalas. Speakers were Neal R. Amundson (University of Minnesota), Rutherford Aris (University of Minnesota), Joseph Higgins (Johnson Research Foundation, University of Pennsylvania), Fritz Horn (University of Rochester), Louis N. Howard (Massachusetts Institute of Technology), James C. Keck (Massachusetts Institute of Technology), Herbert B. Keller (California Institute of Technology), Aron Kuppermann (California Institute of Technology), Gregoire Nicolis (Université Libre de Bruxelles), Arthur T. Winfree (Purdue University). The four sessions were chaired by Donald S. Cohen, Hirsh G. Cohen, Julian D. Cole, George R. Gavalas.

The Association for Symbolic Logic met on Friday and Saturday, April 12 and 13. There were two invited hour addresses: Dr. Ashok Chandra of the T. J. Watson Research Center spoke on *Generality of control structures in uninterpreted computer programs*, and Professor Leo Harrington of the State University of New York, Buffalo, spoke on *Recursion on finite type functionals*. The two sessions for contributed papers were chaired by Dr. Calvin C. Elgot and Professor Elliott Mendelson. The Program Committee consisted of Paul C. Gilmore (chairman), Donald Martin, Elliott Mendelson.

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WALTER GOTTSCHALK
Associate Secretary

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