THE APRIL MEETING IN NEW YORK

The seven hundred third meeting of the American Mathematical Society was held at the Biltmore Hotal in New York, New York, from Wednesday, April 18, through Saturday, April 21, 1973. There were 377 registrants including 294 members of the Society.

By invitation of the Committee to Select Hour Speakers for Eastern Sectional Meetings, there were four one-hour addresses. Professor Clifford J. Earle, Jr., of Cornell University spoke on *Some recent results in Teichmüller theory*; he was introduced by Professor Robert C. Gunning. Professor Teruhisa Matsusaka of Brandeis University spoke on *Global deformation of algebraic varieties*; he was introduced by Professor Andrew H. Wallace. Professor Paul A. Schweitzer, S.J., of Pontificia Universidade Católica, Rio de Janeiro, Brazil, and Harvard University spoke on *Vector fields with no closed trajectories*; he was introduced by Professor Hing Tong. Professor W. Gilbert Strang of the Massachusetts Institute of Technology spoke on *Piecewise polynomials and the finite element method*; he was introduced by Professor Cathleen S. Morawetz.

By invitation of the same committee, there was a special session of invited twenty-minute papers on the subject of Hopf Algebras which was arranged by Professor Richard G. Larson of the University of Illinois at Chicago Circle and Rutgers University and Professor Earl J. Taft of Rutgers University. The speakers were Professors Harry P. Allen, Kuo-Tsai Chen, Kenneth W. Newman, David E. Radford, Dr. John B. Sullivan, Professors Moss E. Sweedler, and Robert L. Wilson. Professors Larson and Taft served as chairmen.

There were sixteen sessions for contributed ten-minute papers, chaired by Professors Daljit S. Ahluwalia, V. Bohun-Chudyniv, Dr. Francis P. Callahan, Professors James A. Cochran, Edwin K. Gora, Louise Hay, Anthony E. Hoffman, Ih-ching Hsu, George W. Johnson, Dr. Shu-Chung Koo, Professors William W. Kuhn, Thomas J. Osler, Drs. David Rudd, Marjorie L. Stein, Professors Clifton T. Whyburn, David H. Y. Yen.

With the support of the National Science Foundation and the Office of Naval Research, a Symposium on the Complexity of Real Computational Processes was held on Wednesday and Thursday, April 18 and 19. This topic was selected by the AMS-SIAM Committee on Applied Mathematics whose members are Donald G. M. Anderson, Hirsch G. Cohen, Joaquin B. Diaz, Harold Grad, Stanislaw M. Ulam, and Richard S. Varga (chairman). The Organizing Committee consisted of Stephen