

## THE APRIL MEETING IN NEW YORK

The seven hundred third meeting of the American Mathematical Society was held at the Biltmore Hotel 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

Cook, John Hopcroft, Richard M. Karp (chairman), and Shmuel Winograd. Speakers were Dr. Stal Aanderaa of the IBM T. J. Watson Research Center; Mr. Ronald Fagin of the University of California at Berkeley; Professor Michael Fischer of the Massachusetts Institute of Technology; Professor W. Morven Gentleman of the University of Waterloo, Canada; Professor Juris Hartmanis (in collaboration with Mr. H. B. Hunt III) of Cornell University; Professor Albert R. Meyer (in collaboration with Mr. L. Stockmeyer) of the Massachusetts Institute of Technology; Professor Michael Paterson of the University of Warwick, England; Professor Michael Rabin of Hebrew University, Israel; Professor Martin H. Schultz of Yale University; and Professor Joseph F. Traub of Carnegie-Mellon University. The four sessions were chaired by Dr. Alfred V. Aho, Professors Richard M. Karp, Robert M. Solovay, and Dr. Shmuel Winograd.

The Council met on April 20, 1973 at 3:15 P.M. in the Windsor Room of the Biltmore Hotel. President Mac Lane was in the chair.

The Council approved a symposium on "Mathematical Aspects of Chemical Reaction Theory and Quantum Chemistry" as a joint enterprise with the Society for Industrial and Applied Mathematics for the spring of 1974.

The Council approved a symposium on "The Mathematical Developments Arising from the Hilbert Problems," to be held, if financial support is available, at the spring meeting in the West in May of 1974.

The Council approved three resolutions offered by the Committee on Women in Mathematics, as follows:

To make available the machinery of the Committee on Academic Freedom, Tenure, and Employment Security of the Society for individual cases of discrimination against women in hiring or in awarding fellowships or assistantships at graduate or postdoctoral level. The committee is at present charged to handle employed personnel only.

To encourage the study of mathematics by women by presenting a more positive image of mathematics and the role of women in it. Primarily this should occur in classroom teaching and advising, both in course selection and career counselling. In addition, care should be taken with the choice of language in textbooks and other publications. Finally, women should be involved as participants in publicity activities.

To encourage change of current practices and policies in ways which will equalize the employment opportunities of women in mathematics. Such changes include the abolition of questions regarding marital or parental status on employment applications and the abolition of nepotism rules. We include changes in more subtle and pervasive practices, such as the use of disparaging sex-oriented remarks in employment interviews.

The Council considered the form of self-description of candidates for contested positions in Society elections. They resolved that each such candidate be requested to devote at least half of his statement accompanying the ballot to describe his research interests and accomplishments.

The report of the Treasurer, presented on p. 897–899, was received.

The Council passed the following resolution:

Each person who attends a business meeting of the American Mathematical Society shall be willing and able to identify himself as a member of the Society.

Issues debated but not resolved included the long standing cooperation in editing the American Journal of Mathematics, the award of Steele prizes, individual nominations for membership on the Council, standards for acceptance of abstracts of ten minute contributed papers, the three resolutions placed on the agenda of the annual meeting of 1974, the possibility of encouraging the writing of summaries of fields of research, the style and arrangement of Society meetings, the training of graduate students to teach, teaching loads and class sizes, the “zero backlog” policy for Society journals, Society dues, reviewing and abstracting, and “blind refereeing.”

The meeting recessed for dinner at 6:30 P.M., reconvened at 8:00 P.M., and adjourned at 11:15 P.M.

BETHLEHEM, PENNSYLVANIA

EVERETT PITCHER  
*Secretary*

MIDDLETOWN, CONNECTICUT

WALTER GOTTSCHALK  
*Associate Secretary*