

THE APRIL MEETING IN CHICAGO

The six hundred fifty-sixth meeting of the American Mathematical Society was held at the Sheraton-Chicago Hotel, Chicago, Illinois on Tuesday through Saturday, April 16–20, 1968. There were 586 registrants, including 494 members of the Society.

By invitation of the Committee to Select Hour Speakers for Western Sectional Meetings there were four one-hour addresses. Professor Stephen Smale of the University of California, Berkeley, spoke Friday morning on *Global stability questions in dynamical systems*. He was introduced by Professor Richard K. Lashof. Professor René Thom of the Institut des Hautes Études Scientifiques, Bures sur Yvette, who was introduced by Professor Howard A. Osborn, addressed the Society on Friday afternoon. His subject was *Qualitative dynamics and morphogenesis*. Professor Hans Weinberger of the University of Minnesota spoke Saturday morning on *Some constructive bounds for eigenvalues*. He was introduced by Professor Jim Douglas, Jr. Professor Irving Reiner of the University of Illinois, Urbana, who was introduced by Dr. Gerald J. Janusz, addressed the Society on Saturday afternoon. His topic was *Recent progress in the theory of integral representations*.

By invitation of the same committee there was a special session of twenty-minute papers on Quasiconformal Mapping on Friday afternoon. This special session was arranged by Professor Frederick W. Gehring of the University of Michigan. The speakers were Lars V. Ahlfors, Clifford J. Earle, Jr., Halsey L. Royden, Edgar Reich, and Olli E. Lehto.

There were fourteen sessions for contributed ten-minute papers. These were held Friday afternoon, Saturday morning, and Saturday afternoon. The session chairmen were Richard A. Askey, Steven B. Bank, Donald L. Burkholder, Abraham Charnes, Mahlon M. Day, Henry R. Dowson, Daniel H. Gottlieb, Maurice H. Heins, Richard P. Jerrard, Carl G. Jockusch, Jr., Irving Kaplansky, Robert P. Kaufman, Saunders Mac Lane, and R. James Milgram. Abstracts of papers presented at the meeting appear in the Notices of the American Mathematical Society for April, 1968.

With the support of the National Science Foundation there was a symposium on Nonlinear Functional Analysis on April 16–19. The topic was chosen by the Committee to Select Hour Speakers for Western Sectional Meetings. The Organizing Committee of the Symposium, responsible for the planning of the program and the choice of speakers, consisted of Felix E. Browder (Chairman), James Eells,

Jr., Tosio Kato, George J. Minty, Richard S. Palais, Jacob T. Schwartz, and Stephen Smale. The proceedings of this symposium will be published in the Proceedings of Symposia in Pure Mathematics.

The Council met on Friday, April 19, at 5:15 P.M. in the Sheraton Room of the Sheraton-Chicago Hotel.

The following institutions have been elected to institutional membership:

Northeastern University, Boston, Massachusetts
 State University College, Potsdam, New York
 Tufts University, Medford, Massachusetts
 University of Missouri, Kansas City, Missouri
 Northwest Missouri State College, Maryville, Missouri
 Hofstra University, Hempstead, New York

The Secretary reported that the following persons represented the Society at various events as follows:

James H. Powell at the inauguration of Robben Wright Fleming as President of the University of Michigan

Walter R. Talbot at the inauguration of Marvin Banks Perry as President of Goucher College

Zane C. Motteler at the inauguration of Emerson C. Shuck as President of Eastern Washington State College

Robert D. Carson at the inauguration of Robert Warren Morse as President of Case Western Reserve University

William F. Trench at the inauguration of Paul Russell Anderson as President of Temple University

Charles M. Lindsay at the inauguration of Samuel Stumpf as President of Cornell College

E. J. Camp at the inauguration of Malcolm Charles Moos as President of the University of Minnesota.

The following persons have accepted invitations to deliver hour addresses at the places and times indicated: Phillip A. Griffiths, Victor Guillemin, and Wu-chung Hsiang in Madison, August 1968; Avron Douglis and Wilhelm Magnus in Baltimore, October 1968; C. H. Edwards, Jr., Laszlo Fuchs, and Malcolm Robertson in Clemson, November 1968; Calvin C. Moore and Jürgen Moser in New Orleans, January 1969.

The Bulletin Editorial Committee raised questions on the handling of the acceptance of Research Announcements. The Council passed a motion that Research Announcements should be submitted directly to the Editor in charge of the department, that the Editor should use the members of the Council as a corps of referees, and that the name

of the Council member accepting a paper should in each instance be published as communicating the paper.

The Council approved the selection of Raoul Bott as Colloquium Lecturer for 1969.

The Council approved a proposal from the Committee on Summer Institutes for an institute on Recent Developments in Number Theory for 1969.

After an intermission for dinner, the Council followed a proposal of the Nominating Committee and elected Bernard Dwork and George Mackey to be representatives of the Society in the Division of Mathematical Sciences of the National Research Council.

The Council received the report of the Treasurer.

The Council recommended to the Trustees a proposal from the Committee to Monitor Problems in Communication that the Society plan to publish as many pages in each of its journals as are necessary to keep the backlog essentially at zero, while keeping acceptance standards where they are now. In the course of the discussion, it was made clear that the state of zero backlog is reached when papers are accepted [or rejected] through prompt action of referees and enter immediately into the process of composition, printing, and distribution.

The Council received a suggestion from the same Committee on increased participation by authors in the classification of papers and in supplying words or phrases to aid in future updating of classifications. The Council thereupon voted that key words should be requested by Editors from authors of papers accepted for publication in Society journals and agreed to the publication of Mathematical Reviews classification numbers and key words at the bottom of the first page of each paper.

The same Committee recommended that the Council approve the inauguration of a new journal of current titles, consisting of tables of contents of other journals, and authorized the Society office to begin working out the details. The Council approved the recommendation and requested the Executive Director to present a detailed proposal to the Executive Committee and Trustees.

The Editors of the NOTICES proposed to the Council the publication of a translation into English of an address by A. Grothendieck entitled *La vie mathématique en République Démocratique du Vietnam*. The original article and a translation have been widely circulated. It was moved and seconded that the Editors be instructed to take the necessary steps to publish the article. These steps included securing the author's permission. Initially the Presiding Officer ruled that a

majority vote of the members present favored the motion. The result was challenged and the true vote was determined, as specified in the By-laws, by a roll call in which fractional votes were counted. There were $6\frac{1}{2}$ affirmative votes and $8\frac{1}{2}$ negative votes and the motion lost.

The Council passed the following resolution and directed that it be published in the NOTICES:

The Council of the American Mathematical Society regrets the recent government decision about the drafting of graduating seniors and first year graduate students. The possible partial or total elimination of two successive graduate classes can cause a dangerous hiatus in the future production of scholars.

The Council passed a resolution that a certain petition presented by 99 Russian mathematicians (the count is ambiguous; it may be 95) to Russian authorities and protesting alleged adverse treatment of the logician A. S. ÉSÉNIN—VOLPIN, be published (in English translation) as a news item in the NOTICES without any endorsement of the position of the signers of the petition. It was the consensus that the publication should be accompanied by a factual background. Inasmuch as the petition will appear in the NOTICES before this report appears, it is not reproduced here.

The Council adjourned at 10:45 P.M.

BETHLEHEM, PENNSYLVANIA

URBANA, ILLINOIS

EVERETT PITCHER

Secretary

PAUL BATEMAN

Associate Secretary