

THE SUMMER MEETING IN CAMBRIDGE

The sixty-third Summer Meeting of the American Mathematical Society was held at the Massachusetts Institute of Technology, Cambridge, Massachusetts, on Tuesday through Friday, August 26–29, 1958, in conjunction with meetings of the Mathematical Association of America, the Institute of Mathematical Statistics, the Society for Industrial and Applied Mathematics, the Econometric Society, and Pi Mu Epsilon. The registration was 972 including 599 members of the Society.

The Committee to Select Hour Speakers for Annual and Summer Meetings invited five speakers. At the opening session on Tuesday afternoon Professor B. J. Pettis of the University of North Carolina addressed the Society on *The existence and extension of measures*. Vice President Garrett Birkhoff presided. Professor Eldon Dyer of the University of Chicago addressed the Society on Wednesday morning on *The effect of mappings on dimension* at a session presided over by Professor W. S. Massey. On Thursday morning Professor Walter Rudin of the University of Rochester addressed the Society on *Measure algebras on abelian groups* and Professor O. M. Nikodym of Kenyon College delivered an address entitled *Mathematically precise setting of the genuine Dirac's δ -function and proof of its basic properties* at sessions presided over by Professor F. B. Jones and Professor R. D. James respectively. Professor Jürgen Moser of the Massachusetts Institute of Technology addressed the Society on Friday morning on *The recent development in the theory of Hamiltonian systems*. Professor M. R. Hestenes presided.

There were sixteen sessions for contributed papers, presided over by Professor Maurice Auslander, Professor R. G. Bartle, Professor A. P. Calderón, Dr. R. A. Gambill, Professor D. K. Harrison, Professor L. N. Howard, Professor L. W. Johnson, Professor L. M. Kelly, Dr. W. H. Pell, Professor D. B. Ray, Professor Hartley Rogers, Jr., Dr. Mary E. Rudin, Dr. R. L. San Soucie, Professor I. J. Schoenberg, Professor I. M. Singer, and Professor M. F. Smiley.

Abstracts of the papers appeared in the August and October issues of the *Notices* of the Society.

A tea and reception were given by the Massachusetts Institute of Technology in the President's House on Wednesday afternoon.

The Council met on Tuesday afternoon and evening, August 26, 1958.

The Secretary announced the election of the following sixty-five persons to ordinary membership in the Society:

Mr. J. J. Aeberly, City of Chicago, Chicago, Illinois;
Professor H. P. Atkins, University of Rochester;
Professor I. N. Baker, University of Alberta, Canada;
Mr. F. E. Chappellear, International Business Machines Corporation, Glendale, California;
Professor Thomas Erber, Illinois Institute of Technology;
Mr. D. S. Evans, Electro Instruments, Incorporated, San Diego, California;
Mr. L. R. Everingham, Radiation, Incorporated, Orlando, Florida;
Mr. R. O. Excell, The Pure Oil Company, Chicago, Illinois;
Mr. L. K. Flanigan, Massachusetts Institute of Technology;
Mr. J. M. Fleissner, Wisconsin Electric Power Company, Milwaukee, Wisconsin;
Mr. R. M. Foote, American Oil Company, Texas City, Texas;
Mr. G. P. Ford, Los Alamos Scientific Laboratory, Los Alamos, New Mexico;
Dr. S. M. Genensky, RAND Corporation, Santa Monica, California;
Mr. W. G. Giles, Stevens Institute;
Mr. P. J. Gold, New York University;
Mr. Federico Grabiell, Hughes Aircraft Company, Culver City, California;
Professor K. C. Ha, Seoul National University;
Mr. W. G. Hanks, Canadian National Railways, Montreal, Canada;
Professor John Hiltzman, Harpur College;
Mr. W. A. Horn, University of Cincinnati;
Mr. R. H-D. Hou, Chung Chi College, Hong Kong;
Professor Y.-Y. S. Hu, Syracuse University;
Mr. F. V. Hurst, Jr., Port of New York Authority, New York, New York;
Mr. Stephen Jarvis, Jr., Frankford Arsenal, Philadelphia, Pennsylvania;
Mr. Abraham Karen, Reeves Instrument Corporation, New York, New York;
Mr. M. Katzin, Electromagnetic Research Corporation, Washington, D. C.;
Mr. W. H. Kautz, Stanford Research Institute, Menlo Park, California;
Mr. D. S. Kim, Seoul National University;
Mr. S. K. Kim, Seoul National University;
Professor Dongwoo Lee, Seoul National University;
Dr. Kurt Legrady, Universidad de Chile, Santiago, Chile;
Miss Concepcion Leonor, University of Santo Tomas, Manila;
Mr. P. W. Lindsey, Jr., Alabama Polytechnic Institute;
Professor G. E. Lochs, Oregon State College;
Mr. Y. J. Lubkin, Airborne Instrument Laboratories, Mineola, New York;
Mr. K. D. McDonald, Communications Engineering Corporation, Wilkes-Barre, Pennsylvania;
Mr. F. L. McMains, University of Arizona;
Mr. L. J. Montzingo, University of Buffalo;
Mr. J. E. Moyal, Australian National University;
Miss Mildred Nelson, Technical Research Group, New York, New York;
Mr. E. A. Prange, U. S. Air Force, Cambridge Research Center, Bedford, Massachusetts;
Mr. C. E. Prince, Jr., Taejon Presbyterian College, Taejon, Korea;
Mr. G. J. Rensburg, University College of Fort Hare, South Africa;
Professor E. A. Robinson, Michigan State University;
Dr. G. M. Schindler, Holloman Air Force Base, New Mexico;
Professor Patrick Shanahan, College of the Holy Cross;
Miss Mary L. Shrier, Technical Research Group, New York, New York;

Mr. Harvey Sigal, New York University;
 Miss Diana M. Simpkins, London Mathematical Society, London, England;
 Reverend J. F. Smith, S. J., Catholic University of America;
 Mr. H. B. Stanton, Ginn and Company, Boston, Massachusetts;
 Mr. Iwao Sugai, International Business Machines Corporation, Poughkeepsie, New York;
 Professor Takayuki Tamura, Tokushima University, Tokushima City, Japan;
 Mrs. Dina G. Thomas, University of Colorado;
 Dr. P. F. Wachter, National Bureau of Standards, Boulder, Colorado;
 Mr. Murray Wachman, Republic Aviation Corporation, Farmingdale, New York;
 Mr. H. E. Weissler, Falstaff Brewing Corporation, St. Louis, Missouri, and Washington University;
 Mr. B. W. Wheeler, Sacramento, California;
 Mr. J. L. Widmaier, Columbus, Ohio;
 Mrs. Mary T. Wolbier, Bishop O'Hern High School, Buffalo, New York;
 Dr. Eric Wolman, Bell Telephone Laboratories, Murray Hill, New Jersey;
 Mr. P. H. Yearout, University of Washington;
 Mr. Kwang Yu, Princeton University;
 Mr. P. E. Zadunaisky, Princeton University;
 Dr. W. L. Zlot, City College of New York.

Mr. P. D. Hill has been elected to membership as a nominee of Alabama Polytechnic Institute.

The Secretary announced that the following had been admitted to the Society in accordance with reciprocity agreements with various mathematical organizations: Deutsche Mathematiker-Vereinigung: Professor H. H. Schaefer; Dr. H. G. Tillman, Indian Mathematical Society: Professor K. M. Saksena; Polskie Towarzystwo Matematyczne: Mrs. Irena Zygmund; Société Mathématique de France: Professor Marcel Decuyper, Miss Tan-Hoang Pham, Professor A. J. V. Sade; Svenska Mathematiker Samfundet: Mr. K. O. Degerstedt; Wiskundig Genootschap te Amsterdam: Professor P. J. van Albada; London Mathematical Society: Dr. S. K. Basu.

The following Presidential appointments were reported: as a *Program Committee for a Summer Seminar in Applied Mathematics in 1959*: K. O. Friedrichs, Chairman, Mark Kac, I. E. Segal; as an *Invitations Committee for a Symposium on Nuclear Reactor Theory* to be held in the Spring of 1959: E. Wigner, Chairman, H. L. Garabedian, J. E. Wilkins, S. M. Ulam, Garrett Birkhoff; to the *Organizing Committee for Summer Institutes* for a three year period beginning July 1, 1958: B. J. Pettis; to the *Committee on Translations from Russian and other Foreign Languages* for a three year period beginning July 1, 1958: E. R. Kolchin, Edwin Hewitt; as an *Arrangements Committee for the meeting of the Society in Durham*, North Carolina in November, 1958: F. G. Dressel, Chairman, L. R. Bragg, R. M. McLeod, J. R. Shoenfield, Seth Warner, Gerald Huff.

The Secretary reported that the following persons have accepted invitations to deliver hour addresses to the Society: Jürgen Moser and O. M. Nikodym, at the Summer Meeting in Cambridge; Arnold Shapiro, at Princeton University, October 25, 1958; Roger C. Lyndon, at Evanston, Illinois, November 28, 1958; G. D. Mostow, at the Annual Meeting in Philadelphia in January, 1959; J. F. Nash, at Columbia University, February 28, 1959; Jun-ichi Igusa and J. W. Milnor at the New Yorker Hotel, April 23–25, 1959.

The President has appointed Professor Harry Pollard to represent the Society at the Fiftieth Anniversary of William Smith College and Professor Walter S. Lawton at the Golden Jubilee of the American Institute of Chemical Engineers.

The 1959 Annual Meeting was set in Chicago at the Conrad Hilton Hotel on January 25–30, 1960. The 1960 Summer Meeting was set at Michigan State University.

Professors A. T. Brauer and A. D. Wallace were elected representatives of the Society on the Board of Editors of the *Duke Mathematical Journal*. Professors William Feller and Irving Kaplansky were elected representatives of the Society in the Division of Mathematical and Physical Sciences of the National Research Council.

The Council recommended that registration fees be charged at Annual as well as Summer Meetings.

A Business Meeting of the Society was held at 10:15 A.M. on Wednesday, August 27, 1958 with Vice President Garrett Birkhoff presiding. A resolution of thanks to Massachusetts Institute of Technology and Boston University for their hospitality, and to those who had made the local arrangements for the excellent accommodations supplied, was presented on behalf of the American Mathematical Society, the Mathematical Association of America, the Society for Industrial and Applied Mathematics and the Institute of Mathematical Statistics by Professor M. R. Hestenes and was unanimously adopted.

The Secretary reported that the Council recommends that Article IX, Section 10 of the By-laws be repealed and that Article XI be amended as follows:

To Section 1, the following sentence be added:

“It shall publish a news periodical known as the *Notices* of the American Mathematical Society, containing programs of meetings, items of news of particular interest to mathematicians, and such other material as the Council may direct.”

Section 2 be amended to read:

“The editorial management of the publications of the Society listed

in Section 1 of this article, with the exception of the *Notices*, and the participations of the Society in the editorial management of the *American Journal of Mathematics* be in charge of the respective Editorial Committees as provided in Article III, Section 2. The editorial management of the *Notices* shall be in the hands of the Executive Director."

These proposed changes in the By-laws were unanimously passed by the Business Meeting.

The suggestion was made from the floor that at future meetings, all the ten minute papers be scheduled at fixed times at 15-minute intervals. The Secretary reported that the same suggestion has also recently been made by others and that it would be considered by the Council at the next meeting.

J. W. GREEN,
Secretary
R. D. SCHAFER,
Associate Secretary