

THE OCTOBER MEETING OF THE AMERICAN MATHEMATICAL SOCIETY.

A REGULAR meeting of the AMERICAN MATHEMATICAL SOCIETY was held in New York City on Saturday, October 27, 1900, extending through the usual morning and afternoon sessions. Thirty-two persons were in attendance, including the following twenty-five members of the Society :

Professor E. W. Brown, Professor F. N. Cole, Dr. J. W. Davis, Dr. W. S. Dennett, Professor T. S. Fiske, Mr. A. S. Gale, Miss Ida Griffiths, Miss Carrie Hammerslough, Dr. A. A. Himowich, Professor Harold Jacoby, Mr. S. A. Joffe, Dr. Edward Kasner, Mr. C. J. Keyser, Dr. G. H. Ling, Dr. Emory McClintock, Dr. G. A. Miller, Professor R. W. Prentiss, Dr. P. L. Saurel, Professor P. F. Smith, Professor J. H. Van Amringe, Professor E. B. Van Vleck, Professor J. M. Van Vleck, Professor L. A. Wait, Miss E. C. Williams, Professor R. S. Woodward.

Professor Thomas S. Fiske, Vice-President of the Society, occupied the chair. The Council announced the election of the following persons to membership in the Society : Professor G. L. Brown, South Dakota Agricultural College, Brookings, So. Dak. ; Mr. C. H. Davis, New York, N. Y. ; Dr. D. N. Lehmer, University of California, Berkeley, Cal. ; Miss Ida M. Schottenfels, Chicago, Ill. ; Professor F. D. Sherman, Columbia University, New York, N. Y. ; Mr. Burke Smith, Northwestern University, Evanston, Ill. Twenty-five applications for membership were received.

It was decided to hold the next summer meeting and colloquium of the Society at Cornell University. A committee, consisting of Professors W. F. Osgood, James Pierpont, J. H. Tanner, and H. S. White, was appointed to coöperate with the Secretary in making the necessary arrangements. The conditions are favorable for extending the colloquium through a period of two or more weeks.

The following papers were read at this meeting :

- (1) Professor MAXIME BÔCHER : "On linear dependence of functions of one variable."
- (2) Professor DAVID HILBERT : "Ueber Flächen von constanter Gauss'cher Krümmung."
- (3) Professor E. O. LOVETT : "Three notes on the geometry of contact transformations."
- (4) Dr. G. A. MILLER : "On a theorem in substitutions."
- (5) Mr. H. W. KUHN : "Several theorems on imprimitive groups."