

THE OCTOBER MEETING OF THE SAN FRANCISCO SECTION.

THE twentieth regular meeting of the San Francisco Section of the American Mathematical Society was held at the University of California on Saturday, October 28, 1911. The following seventeen members of the society were present:

Professor R. E. Allardice, Mr. B. A. Bernstein, Professor H. F. Blichfeldt, Dr. Thomas Buck, Professor G. C. Edwards, Professor M. W. Haskell, Professor L. M. Hoskins, Dr. Frank Irwin, Mr. C. G. P. Kuschke, Professor A. O. Leuschner, Professor J. H. McDonald, Professor W. A. Manning, Professor H. C. Moreno, Professor C. A. Noble, Professor E. W. Ponzer, Professor T. M. Putnam, Professor A. W. Whitney.

In the absence of Professor Lehmer, chairman of the section, Professor Haskell presided over the morning session and Professor Allardice over the afternoon session.

The following officers were elected for the ensuing year: president, Professor L. M. Hoskins; secretary, Professor T. M. Putnam; program committee, Professors Blichfeldt, McDonald, and Putnam.

The dates for the meetings for 1912 were fixed at April 6 and October 26.

The following papers were presented:

- (1) Professor W. A. MANNING: "The primitive groups of class twelve."
- (2) Professor G. A. MILLER: "Note on the maximal cyclic subgroups of a group of order p^m ."
- (3) Dr. H. W. STAGER: "A Sylow factor table of the first twelve thousand numbers."
- (4) Professor A. W. WHITNEY: "Theory of schedule rating in fire insurance."
- (5) Professor H. F. BLICHFELDT: "On a basis of plane geometry" (preliminary communication).
- (6) Professor A. O. LEUSCHNER and Mr. B. A. BERNSTEIN: "Graphical solutions of the fundamental equations in the short methods of determining orbits."

In the absence of the authors the papers of Professor Miller and Dr. Stager were read by title. Abstracts of the papers follow below.