

THE TWENTY-SEVENTH REGULAR MEETING OF
THE SAN FRANCISCO SECTION.

THE twenty-seventh regular meeting of the San Francisco Section of the Society was held at Stanford University on November 20, 1915. Sixteen persons were present, including the following members of the Society:

Professor R. E. Allardice, Dr. 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, Professor D. N. Lehmer, Professor W. A. Manning, Professor H. C. Moreno, Professor E. W. Ponzer, Professor T. M. Putnam.

The chairman of the Section, Professor Haskell, presided at the opening of the meeting; the chairman-elect, Professor Allardice, then took the chair. The following officers were elected for the ensuing year: chairman, Professor Allardice; secretary, Dr. Buck; programme committee, Dr. Buck and Professors Blichfeldt and Manning.

It was voted that the time and place of the spring meeting be determined by the executive committee. The usual luncheon was served.

The following papers were presented at this meeting:

(1) Dr. B. A. BERNSTEIN: "A simplification of the Whitehead-Huntington set of postulates for Boolean algebras."

(2) Professor H. F. BLICHFELDT: "Some diophantine approximations."

(3) Dr. FRANK IRWIN: "A convergent series derived from the harmonic series."

(4) Dr. H. N. WRIGHT and Dr. FRANK IRWIN: "Some properties of the curves, $y = a$ polynomial in x ."

(5) Mr. T. A. PIERCE: "The numerical factors of the arithmetic forms $\prod_{i=1}^n (1 \pm \alpha_i^m)$."

(6) Professor D. N. LEHMER: "Concerning certain binary forms of higher degrees than the second whose prime divisors are of the form $nx \pm 1$."

(7) Professor M. W. HASKELL: "A note on integration."

Dr. Wright was introduced by Dr. Irwin and Mr. Pierce by Professor Lehmer.

Abstracts of the papers follow.