

THE APRIL MEETING OF THE SAN FRANCISCO SECTION.

THE thirty-first regular meeting of the San Francisco Section was held at Stanford University on Saturday, April 6. There were present eighteen persons, including the following twelve members of the Society:

Professor R. E. Allardice, Professor Harry Bateman, Dr. B. A. Bernstein, Professor H. F. Blichfeldt, Professor M. W. Haskell, Professor L. M. Hoskins, Professor D. N. Lehmer, Professor W. A. Manning, Professor H. C. Moreno, Professor C. A. Noble, Dr. Pauline Sperry, Professor R. M. Winger.

Professor W. A. Manning occupied the chair. At the close of the session attending members were entertained at luncheon, and in the afternoon an interesting demonstration of experiments on aeroplane propellers was given by Professors Moreno and Lesley, of Stanford University.

It was provisionally decided that the next meeting at Stanford University should be held on April 5, 1919.

The following papers were read at this meeting:

(1) Professor D. N. LEHMER: "On Jacobi's extension of the continued fraction algorithm" (preliminary report).

(2) Professor H. F. BLICHFELDT: "A second principle in the geometry of numbers."

(3) Professor M. W. HASKELL: "Continuous groups of quadratic transformations."

(4) Professor D. N. LEHMER: "Arithmetical theory of certain Hurwitzian continued fractions."

(5) Professor E. T. BELL: "Numerical functions of $[x]$."

(6) Professor E. T. BELL: "Fourier series for certain elliptic functions."

(7) Professor R. M. WINGER: "On the satellite line of the cubic."

(8) Professor R. M. WINGER: "Self-projective rational septimics."

Professor Bell's papers were read by title. Abstracts of the papers follow below.

1. Professor Lehmer developed new connections between