

THE FEBRUARY MEETING OF THE SAN FRANCISCO SECTION.

THE eleventh regular meeting of the San Francisco Section of the AMERICAN MATHEMATICAL SOCIETY was held at Stanford University on February 23, 1907. The first session opened at eleven o'clock, with Professor E. J. Wilczynski, of the University of California, in the chair. The attendance was eighteen, including the following twelve members of the Society :

Professor R. E. Allardice, Professor H. F. Blichfeldt, Professor R. L. Green, Professor M. W. Haskell, Professor L. M. Hoskins, Professor D. N. Lehmer, Dr. W. A. Manning, Professor H. C. Moreno, Professor C. A. Noble, Dr. T. M. Putnam, Professor Irving Stringham, Professor E. J. Wilczynski.

The next meeting of the Section will be held at the University of California on September 28, 1907.

The following papers were read at the February meeting :

(1) Professor E. J. WILCZYNSKI : "Projective differential geometry of curved surfaces."

(2) Professor H. F. BLICHFELDT : "Concerning some properties of surfaces of revolution."

(3) Professor G. A. MILLER : "On the groups generated by two operators of order three whose product is of order four."

(4) Professor L. M. HOSKINS : "The practical formulation of the laws of motion."

(5) Professor R. E. ALLARDICE : "On a limit of the roots of an equation that is independent of all but two of the coefficients."

(6) Mr. E. T. BELL : "Note on linear congruences."

(7) Dr. W. A. MANNING : "On the limit of the degree of primitive groups."

Mr. Bell was introduced by Professor Blichfeldt. In the absence of Professor Miller, his paper was read by title. Abstracts of the papers follow below.

1. Professor Wilczynski's paper introduces a number of new conceptions into the theory of surfaces and traces their interrelations. One of the most interesting of these is as follows. Through every point P of a surface S there pass two asymptotic curves A_1 and A_2 . Construct the locus of the asymptotic tan-