

THE FEBRUARY MEETING OF THE SAN FRAN
CISCO SECTION.

THE fifteenth regular meeting of the San Francisco Section of the AMERICAN MATHEMATICAL SOCIETY was held at Stanford University, Saturday, February 27, 1909. The following fourteen members of the society were present:

Professor R. E. Allardice, Professor H. F. Blichfeldt, Professor R. L. Green, Professor M. W. Haskell, Professor L. M. Hoskins, Professor D. N. Lehmer, Professor W. A. Manning, Professor H. C. Moreno, Professor C. A. Noble, Mr. H. W. Stager, Professor Irving Stringham, Mr. J. D. Suter, Professor S. D. Townley, Professor A. W. Whitney.

Two sessions were held, a morning session opening at 10:30 A. M. and the afternoon session at 3:00 P. M., after a luncheon at which all those attending the meeting were present.

The following papers were read at this meeting:

(1) Professor A. W. WHITNEY. "An algebra of probable inference" (preliminary communication).

(2) Professor R. E. ALLARDICE. "Note on the reduction of a circulant."

(3) Professor R. E. ALLARDICE. "A theorem in the partition of numbers."

(4) Professor W. A. MANNING. "On the order of primitive groups. Second memoir."

(5) Mr. G. F. MCEWEN. "Forced vibrations of a pendulum in a viscous fluid."

(6) Mr. H. W. STAGER. "Some investigations in the theory of numbers."

Mr. McEwen was introduced by Professor H. C. Moreno. Abstracts of the papers follow below in the order of their presentation.

1. The paper by Professor Whitney points out the unsatisfactory character of the fundamental conceptions of the theory of probability. The resolution of the difficulty is believed to lie in the recognition of the theory of probability as a system of relations which have their origin in the fundamental laws of thought. The nature of the particular judgments in this field