

THE FIFTY-THIRD REGULAR MEETING
OF THE SAN FRANCISCO SECTION

The fifty-third regular meeting of the San Francisco Section of the Society was held at the University of California on Saturday, October 29, 1927. The total attendance was forty-four, including the following twenty-three members of the Society:

Alderton, Bernstein, Biggerstaff, Blichfeldt, Buck, Cajori, Corbin, Edwards, M. W. Haskell, E. R. Hedrick, Hotelling, Frank Irwin, R. L. Jackson, Vern James, Langford, D. N. Lehmer, S. H. Levy, McCarty, F. R. Morris, Noble, Pauline Sperry, Morgan Ward, A. R. Williams.

In the absence of the regular Chairman, Professor Allardice, Professor Blichfeldt acted as Chairman in the morning session and Professor Cajori in the afternoon session.

The following officers were elected for the coming year: Chairman, E. T. Bell; Secretary, B. A. Bernstein; Program Committee, F. L. Griffin, W. A. Manning, J. H. McDonald, B. A. Bernstein (ex officio).

The date of the next meeting at the University of California was fixed as October 20, 1928.

Titles and abstracts of papers read at the meeting follow. Professor Hedrick's address was delivered at the request of the Program Committee. Professor Cajori's second paper and Dr. Trjitzinski's paper were read by title. Professor Uspensky was introduced by Professor Blichfeldt, and Miss Weiss by Professor Manning.

1. Professor E. R. Hedrick: *Extensions of the theory of functions of a complex variable.*

The traditional theory of functions of a complex variable is limited by assumptions originally made by men often not conscious of the restrictions they imply. One extension of the traditional theory is made by acceptance of the Dirichlet definition of a function. While this creates a theory coextensive with the theory of point transformations of a plane, many ideas of the function theory are extensible: among those mentioned are Riemann surfaces, the Tissot indicatrix, pseudo-Stieltes integrals and