

THE FIFTY-SECOND REGULAR MEETING
OF THE SAN FRANCISCO SECTION

The fifty-second regular meeting of the San Francisco Section of the Society was held at the University of British Columbia on Saturday, June 18, 1927. The total attendance was thirty, including the following fifteen members of the Society:

Bernstein, Biggerstaff, Blichfeldt, Daniel Buchanan, J. W. Campbell, Carpenter, DeCou, Griffin, McAlister, W. E. Milne, Moritz, Mullemeister, Neikirk, F. S. Nowlan, Winger.

Professor Daniel Buchanan was elected temporary chairman. President Klinck of the University of British Columbia welcomed the visiting members. The Section accepted the cordial invitation of Professor Griffin to hold the next Summer meeting at Reed College. After the meeting the visitors were entertained at a luncheon on the Campus followed by a drive through the city of Vancouver.

Titles and abstracts of papers read at the meeting follow. The papers of Professors Bell, Buchanan, Davis, Dines, Moore, Dr. Trjitzinsky, Mr. Gage, Mr. Jerbert, and Dr. Whyburn were read by title. The papers of Miss Deutsch, Miss Haack, Miss Pennock, Miss Rollins, and Mr. So were sponsored and read by Professor Griffin. Mr. Gage's paper was sponsored by Professor Buchanan.

1. Professor E. T. Bell: *Cauchy's cyclotomic function and functional powers.*

This paper has appeared in the July-August number of this Bulletin.

2. Professor E. T. Bell: *Numerical functions of multipartite integers and compound partitions.*

An arithmetic of hypercomplex numbers with r positive integral coefficients is developed. The divisibility properties of functions of such numbers are a logical resultant of those of Dirichlet multiplication and the process of elliptic multiplication and the processes of elliptic functions; they give rise to new aspects of compound partitions.