

THE WESTERN CHRISTMAS MEETING OF THE SOCIETY

The twenty-second Western meeting of the Society was held on Friday, December 26, 1924, at the University of Chicago. The first session opened at 10 a. m. in Room 32, Ryerson Laboratory.

The attendance at this meeting numbered about sixty, including the following fifty-two members of the Society:

F. E. Allen, Barnard, Barnett, Bliss, O. E. Brown, Carmichael, Chapelon, H. H. Conwell, H. T. Davis, Dickson, Dostal, Dresden, Edington, Garabedian, Gouwens, G. H. Graves, V. G. Grove, Hildebrandt, Hodge, Hotelling, Louis Ingold, Ingraham, Isaacs, Kempner, Kinney, Kouperman, E. P. Lane, Latimer, Laves, Libman, March, G. A. Miller, Miser, E. H. Moore, E. J. Moulton, C. I. Palmer, Plapp, Rider, Roth, Rowland, Schottenfels, Shaw, Shohat, Simmons, Slaught, E. L. Thompson, J. S. Turner, Van Vleck, Vass, M. B. White, Frederick Wood, F. E. Wood.

The committee appointed to arrange for a symposium at the meeting in April 1925 reported that the symposium lecture, on "Some of the mathematical aspects of cosmology", would be given by Professor W. D. MacMillan.

At the dinner held on Friday evening, at the Del Prado Hotel, 34 persons were present.

Professor Hildebrandt, Vice-President of the Society, presided over the sessions, at which the following papers were presented. The papers of Professors MacNeish, Wahlin, Betz, Dodd and Ettliger were read by title.

1. Professor F. E. Wood: *Sense relations between the pairs of corresponding triangles of a Desargues configuration.*

In this paper an investigation is made of the relative senses of the triangles in each of the ten pairs of perspective triangles of a Desargues configuration, starting with axioms and theorems developed in the foundations of geometry. A unique canonical lettering for a general Desargues configuration is set up and seven types of Desargues configurations with the canonical lettering are discussed. It is proved that the triangles of each of the ten pairs will have the same sense if and only if each