

THE APRIL MEETING OF THE CHICAGO SECTION.

A regular meeting of the Chicago Section of the AMERICAN MATHEMATICAL SOCIETY was held on Saturday, April 11, 1903, at the Armour Institute of Technology, in Chicago, opening at 9 A. M. The following members were present:

Professor W. W. Beman, Professor D. F. Campbell, Dr. J. V. Collins, Professor E. W. Davis, Professor B. F. Finkel, Mr. W. B. Ford, Professor Thomas F. Holgate, Professor A. M. Kenyon, Professor Kurt Laves, Dr. A. C. Lunn, Professor H. Maschke, Professor Malcolm McNeill, Professor E. H. Moore, Professor F. R. Moulton, Professor E. B. Skinner, Professor C. A. Waldo, Professor H. S. White, Professor B. F. Yanney, Professor J. W. A. Young, Professor A. Ziwet.

Professor Waldo was elected chairman. The following papers were read:

(1) Mr. OSWALD VEBLEN: "A set of independent axioms of geometry."

(2) Dr. F. R. MOULTON: "The conditions for the convergence of the expressions for the ratios of the triangles when developed as power series in the time intervals."

(3) Professor A. S. CHESSIN: "On the strains in a rapidly rotating disc."

(4) Dr. SAUL EPSTEIN: "On Loewy's fundamental theorem."

(5) Professor PETER FIELD: "On the form of a plane quintic curve with five cusps."

(6) Professor H. S. WHITE: "Polar triangles of a conic and triply tangent conics of a cubic."

(7) Professor H. MASCHKE: "Invariants and covariants of quadratic differential quantities in n variables."

(8) Mr. E. L. HANCOCK: "Asymptotic lines on certain surfaces of revolution."

(9) Professor ARCHIBALD HENDERSON: "On the construction of a double-six."

(10) Professor ARCHIBALD HENDERSON: "On the graphic representation of the straight lines upon the twenty-one different types of the cubic surface."