already well known for the hyperelliptic theta functions (depending upon two arguments).

Professor Lovett's paper, which is intended for publication in the *Transactions*, employs Lie's theory of infinitesimal transformations to construct a method for determining the singular solutions of Monge and Pfaff equations.

F. N. COLE.

COLUMBIA UNIVERSITY.

THE DECEMBER MEETING OF THE CHICAGO SECTION.

THE Sixth Semi-Annual Meeting of the Chicago Section of the AMERICAN MATHEMATICAL SOCIETY was held on December 28 and 29, 1899, at the University of Chicago. The following members of the Society were in attendance:

Professor Oskar Bolza, Professor E. W. Davis, Professor Thomas F. Holgate, Dr. Kurt Laves, Professor H. Maschke, Professor John A. Miller, Professor E. H. Moore, Professor Alexander Pell, Professor D. A. Rothrock, Professor G. T. Sellew, Professor E. B. Skinner, Dr. H. E. Slaught, Dr. H. F. Stecker, Professor C. A. Waldo, Dr. J. V. Westfall, Professor H. S. White, Professor Mary F. Winston, Professor J. W. A. Young.

Professor E. H. Moore, Vice-President of the Society, occupied the chair during the first of the four sessions, after which Professor E. W. Davis presided. The Christmas meeting being the regular time for the election of officers of the Section, the Secretary was re-elected and Professors H. B. Newson and C. A. Waldo were elected members of the programme committee. The time and place of the next meeting were fixed for Saturday, April 14, 1900, at Northwestern University, Evanston, Ill.

The following papers were presented:

(1) Mr. R. E. MORITZ: "A generalization of the process of differentiation."

(2) Professor E. D. ROE: "On the transcendental form of the resultant."

(3) Dr. E. J. WILCZYNSKI: "An application of Lie's theory to hydrodynamics."