THE MARCH MEETING OF THE CHICAGO SECTION.

THE eleventh regular meeting of the Chicago Section of the AMERICAN MATHEMATICAL SOCIETY was held on Saturday, March 29, 1902, at the University of Chicago. The following fifteen members were present :

Professor Oskar Bolza, Professor D. F. Campbell, Professor L. E. Dickson, Professor Thomas F. Holgate, Dr. H. G. Keppel, Professor Kurt Laves, Professor H. Maschke, Professor E. H. Moore, Dr. F. R. Moulton, Professor S. W. Shattuck, Professor H. E. Slaught, Professor E. J. Townsend, Professor L. G. Weld, Professor H. S. White, Professor J. W. A. Young.

A morning and an afternoon session were held, Professor Townsend performing the duties of chairman at the first and Professor Moore, President of the Society, at the second.

At the last Christmas meeting of the Section a committee, composed of Professors Waldo, Bolza and Townsend, was appointed to consider and report a scheme of uniform requirements for the master's degree for candidates who make mathematics their major subject. This committee presented a preliminary report, which was discussed and ordered to be manifolded for the use of members. It is expected that the report will come up for further discussion at the next meeting of the Section.

The following papers were presented at this meeting :

(1) Professor O. STOLZ : " Nachtrag zum Artikel : ' Zur Erklärung der Bogenlänge und des Inhaltes einer krummen Fläche.' "

(2) Mr. A. T. BELL : " The mutual independence of Hilbert's axioms within the various groups."

(3) Professor H. MASCHKE : " On the superosculation of surfaces."

(4) Professor L. G. WELD : " A certain conic connected with the isotomic relation."

(5) Professor OSKAR BOLZA : " Proof of the sufficiency of Jacobi's condition for a permanent sign of the second variation in the so-called isoperimetric problems."

(6) Professor OSKAR BOLZA : " Concerning the isoperimetric problem on a given surface."

(7) Professor L. E. DICKSON : " On the group defined for any given field by the multiplication table of any given finite group."