NOTES.

THE thirteenth regular meeting of the Chicago section of the AMERICAN MATHEMATICAL SOCIETY will be held at Northwestern University, Evanston, Ill., on Saturday, April 11, 1903. Titles, abstracts and time requirements of papers should be in the hands of the Secretary of the Section, Professor T. F. HOLGATE, 617 Hamline St., Evanston, Ill., at least two weeks before the meeting.

THE tenth summer meeting of the AMERICAN MATHEMATICAL SOCIETY will be held at the Massachusetts Institute of Technology, Boston, Mass., during the week beginning August 31. The last four days of the week will be devoted to a colloquium at which courses of lectures will be given as follows:

By Professor E. B. VAN VLECK, six lectures on "Selected topics in the theory of divergent series and continued fractions"; by Professor H. S. WHITE, three lectures, subject to be announced; by Professor F. S. WOODS, three lectures on "The connectivity of non-euclidean space."

A preliminary announcement giving further details concerning the summer meeting and colloquium will be issued in May.

THE Annual Register of the Society, containing a catalogue of the library, has recently been issued. Copies have been mailed to the members of the Society, and extra copies can be obtained from the Secretary.

AT the meeting of the London mathematical society held on February 12, 1903, the following papers were read: By Lieut.-Col. A. J. CUNNINGHAM: "On 4-ic residuality and reciprocity;" by Mr. E. T. DIXON: "Note on a point in the recent paper by Professor D. Hilbert;" by Mr. H. HILTON: "Some properties of binodal quartics;" by Professor A. W. CONWAY: "The field of force due to a moving electron;" by Professor W. BURNSIDE: "An arithmetical theorem connected with the roots of unity and its application to group characteristics."

THE Paris academy of sciences announces the following prizes: The Francœur prize, 1,000 francs, for a discovery or treatise advancing pure or applied mathematics.—The Poncelet prize, 1,000 francs, for that work which in the last ten years