

## NOTES.

THE Seventh Summer Meeting of the AMERICAN MATHEMATICAL SOCIETY will be held, in affiliation with the American association for the advancement of science, at Columbia University, New York City, beginning Wednesday, June 27th, 1900, and extending through three or more days. Papers intended for presentation at this meeting should be in the hands of the Secretary by June 7th.

THE preliminary programme of the International congress of philosophy, to be held at Paris, August 2d-7th, has appeared. The following subjects from the section of logic and history of the sciences are of interest to mathematicians:—1° Algebra of logic and theory of probabilities; theories of ensembles, sequences, and groups; the transfinite. 2° Principles of analysis: number, continuity, theory of functions, 3° The postulates of geometry, their origin and value; intuition in mathematics; non-euclidean geometries. 4° Methods of geometry; analytical geometry; projective geometry; geometrical calculus. 5° Principles of mechanics, their nature and value. 6° Methods of mathematical physics; theory of errors and approximation. 7° The origins of the infinitesimal calculus. 8° The genesis of the notion of imaginary and the progressive elucidation of the theory of functions. 9° History of the discovery of the Newtonian gravitation, and of its influence upon the development of mechanics and physics.

THE following papers were presented at the regular meeting of the Edinburgh mathematical society on February 9th: "Remark on Dr. Peddie's proof of a theorem in potential," by Mr. R. F. MUIRHEAD; "A general mechanical description of the conic sections," by Mr. ALEXANDER MORRISON; "On Bessel functions and spherical harmonics," by Mr. JOHN DOUGALL.

AT a meeting of the Cambridge philosophical society on February 5th, Dr. A. C. DIXON presented a paper "On differential equations with two independent variables."

THE programme of the meeting of the Texas academy of science, held February 16th, included a paper by Professor L. E. DICKSON, of the University of Texas, entitled "An elementary account of the greater problems solved by the modern group theory."