

NOTES.

THE regular October Meeting of the AMERICAN MATHEMATICAL SOCIETY, which was to be held on October 31st, will be omitted, and in its place a special meeting will be held at Princeton University on Saturday, October 17th, at quarter past three. Professor FELIX KLEIN, of Göttingen, and Professor J. J. THOMSON, of Cambridge, will both be present at this meeting and it is expected that they will address the Society.

PROFESSORS KLEIN and THOMSON, who are delegates to the sesquicentennial celebration of the founding of Princeton University, will each deliver a course of lectures at Princeton during the week preceding the celebration. Professor KLEIN will deliver four lectures on the *Theory of the Top* on Monday, Tuesday, Wednesday and Thursday, October 12th to 15th, at eleven o'clock A. M. Professor THOMSON will deliver four lectures on the *Discharge of Electricity in Gases* on Tuesday, Wednesday, Thursday and Friday, October 13th to 16th, at nine o'clock A. M.

THE forty-fifth annual meeting of the American Association for the Advancement of Science was held at Buffalo, August 24-29, President EDWARD D. COPE, of Philadelphia, presiding. The attendance was quite small, only 330 members being registered. In the absence of Professor W. E. STORY, Professor ALEXANDER MACFARLANE, of South Bethlehem, Pa., was elected Vice-President of Section A. The Secretary of Section A was Professor E. B. FROST, of Hanover, N. H.

The following papers were read before Section A :

(1) An analogue to DeMoivre's theorem in a plane point system. By Professor E. W. HYDE.

(2) Rational scalene triangles. By Dr. ARTEMAS MARTIN.

(3) New elements of the variable R Comae, resulting from observations in July and August, 1896. By Mr. HENRY M. PARKHURST.

(4) Photometric observations of colored stars. By Mr. HENRY M. PARKHURST.

(5) Motion of the great red spot and equatorial belt on the planet Jupiter from 1879 to 1896. By Professor G. W. HOUGH.

(6) On the direct application of a rational differential equation to a series of points whose coördinates represent