

line (the system 1R_1) and for the plane (the system 2R_2). In particular, he showed how his planar descriptive system could be logically combined with linear projective axioms in such a way that the resulting system might be descriptive or projective, but not necessarily either.

25. In his second paper, Mr. Schweitzer presented a preliminary report on a study of the memoirs of F. Riesz* and H. Hahn † in relation to the generalization of Grassmann's extensive algebra ‡ to a denumerably infinite number of dimensions.

H. E. SLAUGHT,
Secretary of the Section.

THE SIXTY-FIRST MEETING OF THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE.

THE sixty-first meeting of the American Association for the Advancement of Science was held in Boston during the convocation week, December 27, 1909, to January 1, 1910. The president of the meeting was President D. S. Jordan, of Stanford University. The address of the retiring president, Professor T. C. Chamberlin, entitled "A geologic forecast of the future opportunities of our race" was given in Sanders Theatre, Cambridge, on the evening of the opening day.

Comparatively few papers on pure mathematics appeared on the separate program of Section A (mathematics and astronomy) because of the fact that the American Mathematical Society held its annual meeting in affiliation with the Association. The address of the retiring vice-president, Professor C. J. Keyser, of Columbia University, entitled "The thesis of modern logic," was given on Wednesday morning at a joint session of Section A and the American Mathematical Society. At the same session Professor D. E. Smith presented a report on the work of the International Commission on the teaching of mathematics.

Another joint session was held on Tuesday afternoon under the auspices of the mathematicians and the physicists. During

* *Math. Naturw. Berichte aus Ungarn*, 1905, pp. 309, 341-343, etc.

† *Wiener Berichte*, Abt. II^A, vol. 116, pp. 601, 609-610, 642, etc.

‡ See also *American Journal*, October, 1909, pp. 365-410.