

NOTES.

A REGULAR meeting of the NEW YORK MATHEMATICAL SOCIETY was held Saturday afternoon, March 3, at half-past three o'clock, the president, Dr. McClintock, in the chair. The following persons, having been duly nominated and being recommended by the council, were elected to membership: Mr. James Robert Baldwin, Davenport, Iowa; Mr. John Kelly Ellwood, Pittsburgh, Pa.; Miss Fanny R. M. Hitchcock, Philadelphia, Pa.; Professor Edward Anson Partridge, Central Manual Training School, Philadelphia, Pa.; Professor John Holmes Rand, Bates College, Lewiston, Me.; Professor Dr. Victor Schlegel, Trade School, Hagen, Westphalia, Germany; Professor James B. Shaw, Jr., Illinois College, Jacksonville, Ill.; Professor Herbert C. Whitaker, Central Manual Training School, Philadelphia, Pa.

Dr. I. J. Schwatt read a paper entitled "Application of Brocard's theories to conic sections." After a short discussion of Brocard's theories and the resulting properties, their relation was shown to the conic sections, especially to the equilateral hyperbola whose asymptotes are Simpson's lines.

It is proposed that the NEW YORK MATHEMATICAL SOCIETY organize a general session, extending over several days, to be held annually during the summer vacation, at some appropriate place and time.

Such a session will be held this year in Brooklyn, on August 20, 21, 22, the days immediately preceding the session of the American Association for the Advancement of Science. At this time and place meetings of several national scientific societies, among them the American Geological Society and the American Botanical Society, will be held.

THE Council of the NEW YORK MATHEMATICAL SOCIETY has been considering with great care the present organization of the Society. It has decided to recommend to the Society, among other things, that its name be changed to the "AMERICAN MATHEMATICAL SOCIETY," that the Council be somewhat enlarged and divided into classes one of which shall be retired each year, that there shall be delivered before the Society a series of presidential addresses, and that provision be made for occasional meetings of the Society as a whole in other cities than New York.

T. S. F.

[April,

HARVARD UNIVERSITY.—The scheme of instruction announced last June (see BULLETIN, vol. 2, p. 212) has been carried out during the present academic year without change except that one of the two reading courses has not been given. For the year 1894–95 undergraduate courses will be given in which the class-room work will amount to eighteen hours a week throughout the year. Besides this the following more advanced courses are offered: By Professor J. M. Peirce: Algebraic plane curves (first course); Quaternions (second course); Algebra of logic.† By Professor Byerly: Modern geometry; Differential and integral calculus (second course); Rigid dynamics.† By Professors Byerly and B. O. Peirce: Trigonometric series, spherical harmonics and potential function. By Professor B. O. Peirce: Wave motion. By Professor Osgood: Theory of functions (second course). By Dr. Bôcher: Theory of equations, algebraic analysis, invariants and covariants; Theory of functions (first course); Curvilinear co-ordinates and Lamé's functions.

All of the twelve courses just named will extend throughout the year; and each except the two marked † will consist of three lectures a week. The following three courses in which the work will consist of reading and investigation to be carried on by the students under the direction of the instructor are also offered: By Professor J. M. Peirce: Linear associative algebra. By Professor Osgood: Klein's icosahe-dron. By Dr. Bôcher: Laplace's equation. M. Bô.

EMIL WEYR, professor of mathematics at the University of Vienna, died on January 25, aged forty-six years.

M. A. STERN, formerly professor of mathematics at the University of Göttingen, died in Zurich, on January 31, eighty-seven years old. T. S. F.