

NOTES.

THE April number (volume 4, number 2) of the *Transactions* of the AMERICAN MATHEMATICAL SOCIETY contains the following papers: "The approximate determination of the form of Maclaurin's spheroid," by G. H. DARWIN; "On twisted cubic curves that have a directrix," by H. S. WHITE; "Ueber Curvenintegrale im m -dimensionalen Raum," by L. HEFFTER; "The generalized Beltrami problem concerning geodesic representation," by E. KASNER; "On the holomorph of a cyclic group," by G. A. MILLER; "Quadric surfaces in hyperbolic space," by J. L. COOLIDGE; "Ueber die Reducibilität der reellen Gruppen linearer homogener Substitutionen," by A. LOEWY; "On the possibility of differentiating term by term the developments for an arbitrary function of one real variable in terms of Bessel functions," by W. B. FORD; "On a certain congruence associated with a given ruled surface," by E. J. WILCZYNSKI; "On the class number of the cyclotomic number field $k(e^{2\pi i/p^n})$," by J. WESTLUND.

THE San Francisco Section of the AMERICAN MATHEMATICAL SOCIETY will hold its third regular meeting at Stanford University, on Saturday, April 25, 1903.

THE twenty-fifth anniversary of the founding of the Yale Mathematical Club was celebrated on January 20th by a dinner given by Mr. George E. Dimock, at which the members of the Yale mathematical faculty, graduate students and several invited guests were present. Professor Phillips acted as toastmaster and responses were made by ex-President Dwight, President Hadley, Professors Gibbs, Pierpont, Smith and others. The club was founded by Professor Gibbs, and among the more important papers presented at its meetings have been Professor H. A. Newton's later researches on meteors, and Professor Gibbs's development of his vector analysis. Several facts of historical interest to the department were recalled, among which the following may be of general interest. In 1714 the first (recorded) mathematical books were placed in the Yale College library, among which were copies of Newton's *Optics*, and the second edition of his *Principia* which were presented to the college