

PROFESSOR J. GRIESS, of Algiers, has translated into French Professor KLEIN's very interesting pamphlet, *Lectures on certain questions of elementary geometry*, reviewed by Miss SCOTT in the March number of the BULLETIN, pp. 157-164. The translator has expanded the text in a few places, and has substituted synthetic proofs for certain analytical proofs of the original. Nony & Company of Paris are the publishers of this translation.

COLUMBIA UNIVERSITY. The Department of Mathematics will give during the next academic year the following graduate courses, each course consisting of three lectures a week : by Professor T. S. Fiske, Special topics in the differential and integral calculus, first term ; Differential equations and applications, second term ; Theory of functions (second course), both terms. By Professor F. N. Cole, Theory of the complex variable, first term ; Elliptic functions, second term. By Dr. J. B. CHITTENDON, Theory of invariants, second term. By Dr. J. E. HILL, Higher plane curves, first term ; analytical theory of curves of double curvature and curved surfaces, second term. By Dr. G. H. LING, Theory of numbers, both terms.

NEW PUBLICATIONS.

I. HIGHER MATHEMATICS.

AMERICAN MATHEMATICAL SOCIETY. See MATHEMATICAL PAPERS.
BOLZA (O.). See MATHEMATICAL PAPERS.

CATALOGO della insigne biblioteca appartenuta alla chiara memoria del principe Don Baldassare Boncompagni. 2a edizione. Parte I: Matematica, scienze naturali, ecc. Roma, 1895. 8vo. 511 pp.

CAUCHY (A.). Oeuvres complètes, publiées sous la direction scientifique de l'Académie des sciences et sous les auspices du Ministre de l'instruction publique, avec le concours de MM. Valson et Collet. 1re série, Vol. IX: Extraits des *Comptes rendus* de l'Académie des sciences. 1896. 4to. Fr. 25.00.

COLLET. See CAUCHY (A.).

DEL RE (A.). Geometria proiettiva ed analitica. Fascicoli 1 e 2. Modena, 1896. 8vo. pp. 1-256. Complete Fr. 8.50.

DUHAMEL (J. M. C.). Des méthodes dans les sciences de raisonnements. 3e édition. (En 5 parties). Partie II : Application des méthodes à la science des nombres et à la science de l'étendue. Paris, Gauthier-Villars, 1896. 8vo. Fr. 7.50.

EBNER (F.). Zur Theorie der Spiralflächen. [Diss.] Rostock, 1895. 8vo. 35 pp.