

MR. S. W. REAVES, graduate scholar in Cornell University, has been appointed instructor of mathematics at Orchard Lake Military Academy.

DR. C. N. LITTLE, professor of mathematics in Leland Stanford University, has resigned his position.

PROFESSOR G. BAUER, of the University of Munich, has been made emeritus professor of mathematics.

NEW PUBLICATIONS.

I. HIGHER MATHEMATICS.

ASHTON (C. H.). Plane and solid analytic geometry ; an elementary text-book. New York, Scribner, 1901. 12mo. 14 + 266 pp. Cloth. \$1.00

BORTOLOTTI (E.). Lezioni di calcolo infinitesimale [dettate nell'anno accademico 1899-1900 nella r. università di] Modena. Modena, Pizzolotti, 1899-1900. 8vo. 621 pp.

BÜTTNER (F.). Ein Beitrag zur Theorie der Kugelfunktionen höherer Ordnung. 8vo. 38 pp. (From Festschrift zur 325-jährigen Jubelfeier des fürstl. Stolberg'schen Gymnasiums zu Wernigerode, herausgegeben vom Lehrerkollegium der Anstalt, Leipzig, Fock, 1900.) M. 0.75

CARRONE (C.). Le congruenze del secondo ordine senza linee singolari e le loro superficie focali studiate mediante una trasformazione doppia. Catania, 1900. 8vo. 21 pp.

DOBROSERDOV (D. K.). See NERNST (W.).

FORSYTH (A. R.). Theory of functions of a complex variable. 2d edition. London, Clay, 1900. 8vo. 808 pp. 21s.

GAUSS (C. F.). Allgemeine Flächentheorie (Disquisitiones generales circa superficies curvas). (1827.) Deutsch herausgegeben von A. Wangerin. 2te Auflage. Leipzig, Engelmann, 1900. 8vo. 64 pp. Cloth. (Ostwald's Klassiker der exakten Wissenschaften, No. 5.) M. 0.80

GULDBERG (A.). On partial differential equations of the third order. Christiania, Dybwad, 1900. 8vo. 43 pp. (*Videnskabselskabets Skrif-ter*, I, Math.-naturv. Klasse, No. 5.)

HALPHEN (G. H.). Traité des fonctions elliptiques et de leurs applications. Partie III : Fragments. (Quelques applications à l'algèbre et particulièrement à l'équation du 5e degré ; quelques applications à la théorie des nombres ; questions diverses.) Publié par les soins de la Section de Géométrie de l'Académie des Sciences. Paris, Gauthier-Villars, 1901. 8vo. Fr. 8.50