

MR. T. R. HOLLCROFT has been appointed instructor in mathematics at Columbia University.

MR. W. H. WILSON, of the University of Illinois, has been appointed instructor in mathematics at the Massachusetts Institute of Technology.

PROFESSOR GASTON DARBOUX, of the University of Paris, and permanent secretary of the Paris Academy of Sciences, died February 22, at the age of 74 years. He was author of a four-volume treatise on differential geometry bearing the title *Théorie générale des surfaces*, a work on orthogonal systems of surfaces, one on the cyclide and allied surfaces, and a large number of memoirs in the leading mathematical periodicals. During the last thirty years he has been a member of more than fifty learned societies.

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## NEW PUBLICATIONS.

### I. HIGHER MATHEMATICS.

BAILEY (F. H.). See WOODS (F. S.).

BARROW (I.). *Geometrical lectures*. Translated with notes and proofs by J. M. Child. London, Open Court, 1917. 8vo. 14+218 pp.  
4s. 6d.

BÔCHER (M.). *Leçons sur les méthodes de Sturm dans la théorie des équations différentielles linéaires et leurs développements modernes, professées à la Sorbonne en 1913-1914*. (Collection de Monographies sur la Théorie de Fonctions publiée sous la Direction de M. Émile Borel.) Recueillies et rédigées par G. Julia. Paris, Gauthier-Villars, 1917. 8vo. 6+118 pp. Fr. 5.00

BOREL (E.). See BÔCHER (M.).

CAJORI (F.). *A history of elementary mathematics with hints on methods of teaching*. Revised and enlarged edition. New York, Macmillan, 1917. 8vo. 8+324 pp. \$1.75

CHILD (J. M.). See BARROW (I.).

JULIA (G.). BÔCHER (M.).

DE MONTESSUS DE BALLORE (R.). *Leçons sur les fonctions elliptiques en vue de leurs applications*. Paris, Gauthier-Villars, 1917. 8vo. 10+268 pp. Fr. 12.00

REY PASTOR (J.). *Fundamentos de la geometría proyectiva superior*. (Junta para ampliación de estudios e investigaciones científicas, Laboratorio y seminario matemático publicaciones, Tomo 1.) Madrid, 1916. 8vo. 22+444 pp. Pes. 12.00