

PROFESSOR R. W. PRENTISS, since 1891 head of the department of mathematics and astronomy at Rutgers College, died on April 5 at the age of fifty-six years. Professor Prentiss had been a member of the American Mathematical Society since 1892.

Professor MARIO PIERI, of the University of Parma, died February 28, at the age of 53 years.

NEW PUBLICATIONS.

I. HIGHER MATHEMATICS.

BALTIN (R.). See MÜLLER (H.).

BARBETTE (E.). *Les carrés magiques du m^{ème} ordre.* Liège, Pholien, 1912. 8vo. 244 pp. Fr. 7.50

— . *Les piles merveilleuses.* Liège, Pholien, 1912. 8vo. 16 pp.

BERNAYS (P.). *Ueber die Darstellung von positiven, ganzen Zahlen durch die primitiven, binären quadratischen Formen einer nicht-quadratischen Diskriminante.* (Diss.) Göttingen, 1912.

BIANCHI (L.). *Lezioni sulla teoria aritmetica delle forme quadratiche binarie e ternarie.* Pisa, 1912. 8vo. 11+701 pp. Lithographed.

BÔCHER (M.). *Introduction to higher algebra.* Prepared with the cooperation of E. P. R. Duval. New reprint. New York, Macmillan, 1912. 8vo. 315 pp. Cloth. \$1.90

BOIS-REYMOND (P. DU). *Zwei Abhandlungen über unendliche (1871) und trigonometrische (1874) Reihen.* Herausgegeben von P. E. B. Jourdain. 1te und 2te Abhandlung. (Ostwald's Klassiker der exakten Wissenschaften. Nr. 185.) Leipzig, Engelmann, 1912. 8vo. 115 pp. M. 3.75

— . *Abhandlung über die Darstellung der Funktionen durch trigonometrische Reihen (1876).* Herausgegeben von P. E. B. Jourdain. 3te Abhandlung. (Ostwald's Klassiker. Nr. 186.) Leipzig, Engelmann, 1912. 8vo. 140 pp. M. 5.00

BOUFFALL (S.-A.-F. DE). *Démonstration complète du grand théorème de P. Fermat.* Varsovie, 1912. 8vo. 5 pp.

— . *Deuxième démonstration complète du grand théorème de Fermat.* Varsovie, 1912. 8vo. 8 pp.

BRANDENBURG (H.). *Der grosse Fermatsche Satz und sein Beweis.* 2te Ausgabe. Leipzig, Lorentz, 1913. 8vo. 8 pp. M. 0.60

CAJORI (F.). *An introduction to the modern theory of equations.* New reprint. New York, Macmillan, 1912. 8vo. 239 pp. Cloth. \$1.75

CAMPBELL (D. F.). *The elements of the differential and integral calculus.* New reprint. New York, Macmillan, 1912. 12mo. 362 pp. Cloth. \$1.90

CLEMENT-JONES (A.). *Introduction to algebraical geometry.* London, 1912. 8vo. 548 pp. Cloth. 12s. 6d.