mitted, we may hope that a series of abaci for practical use will soon be accessible.

ACCORDING to *Nature,* Dr. CULLIS, professor of mathematics, at Hartley College, Southampton, has been appointed professor of mathematics at the Presidency College, Calcutta ; and Mr. J. F. HUDSON, late lecturer in mathematics at Jesus College, Oxford, has been appointed professor of mathematics at Hartley College, Southampton.

PROFESSOR FRANK MORLEY of Johns Hopkins University has recently been appointed editor of the *American Journal of Mathematics.*

PROFESSOR A. TRESSE has been appointed professor of mathematics at the collège Rollin, Paris.

DR. H. LORENZ, of Halle, has been made director of the physical and technical institute of the university of Göttingen.

PROFESSOR G. OLTRAMARE, the venerable dean of the faculty of sciences of the university of Geneva, has retired from the chair of higher mathematics at the age of eighty-four, after a tenure of fifty-two years.

NEW PUBLICATIONS.

I. HIGHER MATHEMATICS.

BONOLA (R.).   Sulla teoria delle parallele e sulla geometria non-Euclidea. Bologna, 1900.   8vo.   80 pp., 2 plates.

BURONI (S.).   See LAVAGGI (L.).

CANTOR (M.).   Vorlesungen über Geschichte der Mathematik.   (In 3 Bänden.)   Vol. III : Von 1668–1758.   Abteilung 1 : Von 1668–1699. 2te Auflage.   Leipzig, Teubner, 1900.   8vo.   261 pp.   M. 6.60

ERMAKOF (V. P.).   Lectures on the integral calculus.   (Russian.)   Parts 1 and 2.   Kief, 1900.   8vo.   350 pp.   R. 3.00

FRENET (F.).   Collection of problems in the infinitesimal calculus. Part 2 : Integral calculus; part 3 : Miscellaneous problems and appendix.   Translated into Russian from the 5th French edition by A. P. Nenashef.   (Russian.)   Moscow, 1900.   8vo.   4 + 240 pp.
                                                                          R. 2.50