

E. SLAUGHT has been promoted to an assistant professorship of collegiate mathematics in the latter university.

UNDER the recent readjustment of its relation to Columbia University, Barnard College is hereafter to have a distinct department of undergraduate mathematics. Professor F. N. COLE has been made head of this department, retaining however his position in the university graduate school of pure science. Dr. EDWARD KASNER (Ph.D., Columbia) has been appointed tutor, and Miss GRACE ANDREWS (M.A., Columbia) assistant in the department at Barnard.

DR. J. B. CHITTENDEN, tutor in mathematics at Columbia University, has been appointed professor of mathematics in the Brooklyn Polytechnic Institute, Brooklyn, N. Y. Mr. H. B. MITCHELL, assistant in mathematics at Columbia, has been promoted to a tutorship.

MR. A. D. FOX has been made professor of mathematics at Whitman College, Walla Walla, Wash.

MR. E. A. PATTINGILL, recently a graduate student at Cornell University, has been appointed instructor in mathematics in the Iowa State Agricultural College.

THE death is announced of Professor B. CHRISTOFFEL, professor of mathematics at the University of Strassburg, aged seventy years; Professor Christoffel had offered no lectures since 1894 on account of ill health.

THE death is also announced of Professor WILLIAM M. THRASHER, for many years professor of mathematics at Butler University, Irvington, Ind.

## NEW PUBLICATIONS.

### I. HIGHER MATHEMATICS.

BENNER (H.). Bestimmung der Coefficienten, welche bei der Berechnung der Integrale  $\int \frac{x^n dx}{\sqrt{1+ax+bx^2}}$  und  $\int \frac{x^n dx}{\sqrt{1+ax+bx^2+cx^3}}$  auftreten. (Diss., Erlangen, 1897.) Boston, Ginn, 1899. 8vo. 10 + 59 pp.

BIBLIOTHECA MATHEMATICA. Zeitschrift für Geschichte der mathematischen Wissenschaften, herausgegeben von G. Eneström. 3te [erweiterte] Folge. Vol. I: 1900. Leipzig, Teubner, 1900. Per annum M. 20.00