

MISS IDA M. SCHOTTENFELS has been appointed head of the department of mathematics in Toledo University.

DR. A. E. HAYNES, professor of engineering mathematics in the University of Minnesota, has been granted a year's leave of absence. Professor Haynes has taught consecutively for thirty-five years, fifteen years at Hillsdale College, three years in the Michigan College of Mines, and seventeen years in the University of Minnesota.

PROFESSOR G. A. OSBORNE, of the Massachusetts Institute of Technology has been made professor emeritus.

PROFESSOR A. B. NELSON, of Central University, has retired from active service.

PROFESSOR J. LÜROTH, of the University of Freiburg, died September 14, at the age of 66 years.

PROFESSOR W. THOMÉ, of the University of Greifswald, died October 1, at the age of 69 years.

PROFESSOR P. WEINMEISTER, of the academy of forestry at Tharandt, died August 27, at the age of 62 years.

NEW PUBLICATIONS.

I. HIGHER MATHEMATICS.

- AHRENS (W.). Latein oder Deutsch? Die Sprachenfrage bei der Herausgabe der Werke Leonhard Eulers. Magdeburg, Peters, 1910. 8vo. 4 + 76 pp. M. 1.60
- BACHMANN (P.). Zahlentheorie. Versuch einer Gesamtdarstellung dieser Wissenschaft in ihren Hauptteilen. In 6 Teilen. Teil 1: Die Elemente der Zahlentheorie (1892). Anastatischer Neudruck. Leipzig, Teubner, 1910. M. 7.20
- BARBETTE (E.). Les sommes de $p^{\text{m}^{\text{es}}}$ puissances distinctes égales à une $p^{\text{m}^{\text{e}}}$ puissance. Avec une table des 5000 premiers nombres triangulaires. Liège, Gnosé, 1910. 4to. 154 pp. Fr. 12.50
- BIANCHI (L.). Vorlesungen über Differentialgeometrie. Uebersetzt von M. Lukat. 2te vermehrte und verbesserte Auflage. Leipzig, Teubner, 1910. 8vo. 18 + 721 pp. Cloth. M. 24.60
- BOGRAD (J.). Die Astroidenfläche. (Diss.) Bern, Suter, 1909. 4to. 40 pp. Fr. 1.00
- BURALI-FORTI (C.) ET MARCOLONGO (R.). Eléments de calcul vectoriel avec de nombreuses applications à la géométrie, à la mécanique et à la physique mathématique, traduit de l'italien par S. Lattés. Paris, Hermann, 1910. 8vo. 229 pp. Fr. 8.00
- BURGGRAF (G.). Die i -Funktion für komplexe Argumente. Schluss. (Progr.) Brünn, 1910. 8vo. 29 pp.
- CARNOY (H.). Sur les travaux mathématiques de M. Ernest Lebon (Grands dictionnaires biographiques internationaux). Paris. Pouget, 1910. 16mo. 55 pp.