

of Kansas in 1890, and was promoted to a full professorship in 1905. He had been a member of the American Mathematical Society since 1895.

PROFESSOR J. E. WRIGHT, of Bryn Mawr College, died on February 20 after an illness of several months. Professor Wright was senior wrangler of the University of Cambridge in 1900, first in the second part of the mathematical tripos in 1901, Smith's prizeman in 1902, and fellow of Trinity College since 1903. He was called to Bryn Mawr in 1903. His treatise on Invariants of Quadratic Forms was published by the Cambridge University Press in 1908.

### NEW PUBLICATIONS.

*(In order to facilitate the early announcement of new mathematical books, publishers and authors are requested to send the requisite data as early as possible to the Departmental Editor, PROFESSOR W. B. FORD, 1345 Wilmot Street, Ann Arbor, Mich.)*

#### I. HIGHER MATHEMATICS.

BERWALD (L.). Krümmungseigenschaften der Brennflächen eines geradlinigen Strahlensystems und der in ihm enthaltenen Regelflächen. (Diss.) München, 1909. 8vo. 67 pp.

BÖHM (F.). Parabolische Metrik im hyperbolischen Raum. (Diss.) München, 1908. 8vo. 62 pp.

BOJKO (J.). Neue Tafel der Viertelquadrate aller natürlichen Zahlen von 1-20000 zur Bildung aller möglichen Produkte im Bereiche  $1 \times 1 - 10000 \times 10000$ . Zürich, Speidel, 1909. 8vo. 20 pp. M. 1.50

DEGENHART (H.). Ueber einige zu zwei ternären quadratischen Formen in Beziehung stehende Konnexe. (Diss.) München, 1909. 8vo. 55 pp.

DENJOY (A.). Sur les produits canoniques d'ordre infini. (Thèse.) Paris, Gauthier-Villars, 1909. 4to. 141 pp.

ENCYCLOPÉDIE des sciences mathématiques pures et appliquées. Tome I (volume 1) : Arithmétique. Fascicule 4 : Schoenflies et Baire, Théorie des ensembles ; Burkhardt et Vogt, Sur les groupes finis discontinus. Paris, Gauthier-Villars ; Leipzig, Teubner, 1909. 8vo. Pp. 489-616. Fr. 5.00

— Tome I (vol. 4) : Calcul des probabilités ; théorie des erreurs ; applications diverses. Fascicule 4 : Mehmke et d'Ocagne, Calculs numériques ; Bortkiewicz et Oltramare, Statistique. Paris, Gauthier-Villars ; Leipzig, Teubner, 1909. 8vo. Pp. 321-480. Fr. 6.00

GRAND (J.). Anwendung der Lindstedtschen Methode auf die Integration der Differentialgleichung für hin- und hergehende Bewegungen eines zwangsläufigen Mechanismus. (Diss.) Zürich, 1908. 8vo. 52 pp.

HAAR (A.). Zur Theorie der orthogonalen Funktionensysteme. (Diss.) Göttingen, 1909. 8vo. 48 pp.