

DR. L. I. HEWES has been appointed instructor in mathematics at Yale University.

DR. R. B. ALLEN has been appointed lecturer in mathematics at Clark University during Professor Taber's absence.

DR. S. EPSTEEN, of the University of Chicago, has been appointed instructor in applied mathematics at the University of Colorado.

PROFESSOR A. EMCH, of the University of Colorado, has been appointed professor of mathematics at the cantonal college of Solothurn, Switzerland.

DR. O. P. AKERS has been appointed assistant professor of mathematics at Allegheny College, Meadville, Pennsylvania.

RECENT catalogues of second-hand mathematical books: Macmillan and Bowes, 1 Trinity St., Cambridge, England, catalogue no. 305, 5300 mathematical pamphlets; catalogue no. 302, from the libraries of Pendlebury, Spottiswoode and Whitehead, about 1400 titles in mathematics. — Martin Boas, Karlstrasse 25, Berlin, catalogue no. 49, 56 titles in mathematics and geodesy. — H. R. Mecklenburg, 36 Klosterstrasse, Berlin, 750 titles in mathematics and geodesy.

NEW PUBLICATIONS.

I. HIGHER MATHEMATICS.

- AMODEO (F.). *Lezioni di geometria proiettiva dettata nella r. Università di Napoli*. 3a edizione. Napoli, Pierro, 1905. 8vo. 14 + 456 pp.
- BACHMANN (P.). *Zahlentheorie. Versuch einer Gesamtdarstellung dieser Wissenschaft in ihren Hauptteilen. Band V: Die allgemeine Arithmetik der Zahlenkörper*. Leipzig, Teubner, 1905. 8vo. 22 + 548 pp. M. 16.00
- BERKHAU (G.). *Zur projektiven Behandlung der Dreiecksgeometrie*. (Diss.) Königsberg, 1905. 8vo. 31 pp.
- BOCCHETTA (G.). *Principi di geometria metrica e differenziale negli iperspazi*. Melfi, Grieco, 1905. 8vo. 26 pp.
- CAIN (W.). *A brief course in the calculus*. New York, Van Nostrand, 1905. 8vo. 10 + 230 pp. Cloth. (Van Nostrand series of text-books.) \$1.75
- COMBÉBIAC (G.). *Calcul des triquaternions; nouvelle analyse géométrique*. (Thèse.) Paris, Gauthier-Villars, 1905. 4to. 122 pp.
- CREFCOEUR (A. J. M.). *Cours d'analyse. Partie II: Calcul des différences et calcul des variations*. Paris, 1905. 8vo. Fr. 3.50