

PROFESSOR L. E. DICKSON, of the University of Chicago, has been elected a member of the American Philosophical Society.

ASSISTANT professor S. LEFSCHETZ, of the University of Kansas, has been promoted to an associate professorship of mathematics.

AT the University of Oklahoma, associate professor E. P. R. DUVAL has resigned, and Mr. E. E. COWAN has been appointed instructor in mathematics.

AT Adelbert College, Western Reserve University, Dr. W. G. SIMON has been promoted to an assistant professorship of mathematics. Dr. C. A. NELSON, of the University of Kansas, has been appointed instructor in mathematics.

ASSISTANT professor J. V. MCKELVEY, of Iowa State College, has been promoted to an associate professorship of mathematics.

DR. I. A. BARNETT, Benjamin Peirce instructor at Harvard University during the academic year 1919-1920, and Mr. H. R. BRAHANA, of Princeton University, have been appointed instructors in mathematics at the University of Illinois.

DR. C. N. REYNOLDS, of Wesleyan University, has been appointed instructor in mathematics at Dartmouth College.

NEW PUBLICATIONS.

I. HIGHER MATHEMATICS.

CASTELNUOVO (G.). *Lezioni di geometria analitica*. Puntata 1. 4a edizione. Milano-Roma-Napoli, soc. ed. Dante Alighieri, di Albrighi, Segati e C. (Città di Castello, S. Lapi), 1919. 8vo. 8 + 320 pp. L. 30.00

FOWLER (R. H.). *The elementary differential geometry of plane curves*. (Cambridge Mathematical Tracts, No. 20.) Cambridge, University Press, 1920. Demy 8vo. 7 + 105 pp. 6s.

GANGULI (S.). *Lectures on the theory of plane curves delivered to post-graduate students in the University of Calcutta*. Parts 1 and 2. Calcutta, University of Calcutta, 1919. 10 + 140 + 14 + 212 pp. + 16 plates.