PROFESSOR E. OTT, of the University of Bern, died November 17, 1917, at the age of seventy years.

PROFESSOR F. R. HELMERT, of the University of Berlin, died June 15, 1917, at the age of seventy-three years.

THE death is reported of Professor CYPARISSOS STÉPHANOS, of the University of Athens.

LEWIS B. CARLL, the blind author of the first American treatise on the calculus of variations (published in 1881), died March 22, 1918, at the age of seventy-four years.

PROFESSOR H. R. HIGLEY, of the Stevens Institute of Technology, died May 1, 1918, at the age of fifty-four years.

BOOK CATALOGUES:—Galloway and Porter, Cambridge, England, list number 91, 149 titles in mathematics and physics. —Henry Sotheran and Co., 140 Strand, London, catalogue 770, exact and applied science, 928 titles in mathematics.

NEW PUBLICATIONS.

I. HIGHER MATHEMATICS.

ASKWITH (E. H.). A course of pure geometry containing a complete geometrical treatment of the properties of the conic sections. New edition revised and enlarged. Cambridge, University Press, 1917. Demy 8vo. 11 + 284 pp.   7s. 6d.

CAREY (F. S.). Infinitesimal calculus. Section 2. London, Longmans, Green and Company, 1917.   10s. 6d.

CISOTTI (U.). Lezioni di analisi matematica, svolte nel r. Istituto tecnico superiore di Milano. Pavia, tip. Cooperativa, 1918. 8vo. 16 + 674 pp.   L. 30.00

CRAWLEY (E. S.) and EVANS (H. B.). Analytic geometry. Philadelphia, E. S. Crawley, 1918. 8vo. 14 + 239 pp.

EVANS (H. B.). See CRAWLEY (E. S.).

INTERNATIONAL catalogue of scientific literature. Fourteenth annual issue. A: Mathematics. London, Harrison, 1917. 8vo. 8 + 163 pp. Paper.   15s.

MICHEL (C.). Cours d'algèbre et d'analyse. Paris, Alcan, 1916. 8vo. 10 + 860 pp.