PROFESSOR FRANZ LONDON, of the University of Bonn, died February 17, 1917, at the age of fifty-four years. Mr. ALFRED HAMBURGER has presented the University with an endowment of 30,000 marks for a foundation for mathematical research, in memory of Professor London.

PROFESSOR CHRISTIAN HORNUNG, of Heidelberg University, Tiffin, Ohio, died January 31, 1918, at the age of seventy-three years.

PROFESSOR A. T. G. APPLE, of the department of mathematics and astronomy of Franklin and Marshall College, died February 5, 1918, at the age of fifty-eight years.

DR. E. W. PONZER, assistant professor of applied mathematics at Stanford University, died December 20, 1917.

DR. E. A. ENGLER, formerly professor of mathematics and descriptive geometry at Washington University, St. Louis, and for ten years president of Worcester Polytechnic Institute, died January 16, 1918, at the age of sixty-one years. Professor Engler had been a member of the Society since 1892.

NEW PUBLICATIONS.

I. HIGHER MATHEMATICS.

ADAM (C.). See DESCARTES (R.).

BOREL (E.). Leçons sur les fonctions monogènes uniformes d'une variable complexe. Rédigées par G. Julia. (Collection de monographies sur la théorie des fonctions publiée sous la direction de M. Emile Borel.) Paris, Gauthier-Villars, 1917. 8vo. 12+166 pp.   Fr. 7.50

BOWSER (E. A.). College algebra for the use of academies, colleges and scientific schools. 12th edition. Boston, Heath, 1917. 8vo. 14+540 pp. $1.60

DESCARTES (R.). Œuvres de Descartes publiées par C. Adam et P. Tannery sous les auspices du Ministère de l'Instruction publique. Paris, Cerf. Tomes 1–11: Œuvres, 1893–1909. Tome 12: Vie et œuvres de Descartes, étude historique par C. Adam, 1910. 20+646 pp. [Tome 13]: Supplément, index générale, 1913. 108 pp. 4to.   Fr. 310.00

JULIA (G.). See BOREL (E.).

TANNERY (P.). See DESCARTES (R.).

II. ELEMENTARY MATHEMATICS.

DELBRIDGE (C. L.).   Delbridge wonderful interest tables, 1 day to 365
     days. . . .   St. Louis, Delbridge, 1916.   Folio.   371 pp.
                                        $20.00; leather, $25.00

DUDENEY (H. E.).   Amusements in mathematics.   London, Nelson, 1917.
     8+258 pp.   3s. 6d.

FORSYTH (C. H.).   Logarithms and anti-logarithms.   Ann Arbor, George
     Wahr, 1917.   46 pp.   Cloth. $0.75

JANNELLI (G.).   Studio sulla trisezione dell'angolo.   Palermo, tipografia
     Pontificia, 1917.   4to.

LENNES (N. J.).   See SLAUGHT (H. E.).

MEAD (C. DEW.).   Experiment in the fundamentals; giving the results of
     tests made in the Cincinnati schools with two kinds of practice
     material.   (School efficiency monographs.)   Chicago, World Book
     Company, 1917.   8vo.   14+54 pp. $0.60

SHORTHOSE (—.).   Commercial ready reckoner.   9th edition.   London,
     Allen and Unwin, 1916.   4to.   5s.

SLAUGHT (H. E.) and LENNES (N. J.).   Plane geometry with problems and
     applications.   Revised edition.   Boston and Chicago, Allyn and
     Bacon, 1918.   8vo.   8+310 pp.

WARNE (—.).   Handy ready reckoner, with over 38,000 calculations.
     London, Warne, 1916.   18mo.   240 pp.   7d.

III. APPLIED MATHEMATICS.

ALGRIN (—.).   Eléments de mécanique générale et appliquée.   Paris,
     Librairie de l'Ecole spéciale des Travaux publics, 1917.   8vo.   533 pp.

ANGUS (R. W.).   The theory of machines.   2d edition.   New York,
     McGraw-Hill, 1917.   340 pp. $3.00

AUSTIN (F. E.).   Examples in battery engineering.   Hanover, N. H.,
     F. E. Austin, 1917.   90 pp.   Cloth. $1.25

BOUASSE (H.).   Construction, description et emploi des appareils de
     mesure et d'observation.   Paris, Delagrave, 1917.   8vo.   629 pp.
                                                        Fr. 25.00

BOYD (J. E.).   Strength of materials.   2d edition.   New York, McGraw-
     Hill, 1917.   380 pp. $3.00

BRADLEE (S. G.).   Stock brokers' daily balance interest table, for rapid
     computation on a 360 day basis . . . adapted to all classes of business
     where interest is figured on any amount up to $1,000,000 at every
     quarter per cent from 1 to 7 inclusive.   Boston, Financial Publishing
     Company, 1916.   8vo.   95 pp. $7.50

CHRISTIE (C. V.).   Electrical engineering.   The theory and characteristics
     of electrical circuits and machinery.   2d edition.   New York, Mc-
     Graw-Hill, 1917.   550 pp. $4.00

COX (D. W.).   Cox's tariff, tonnage and price extensions, from pounds to
     gross tons, computed for every hundred pounds from 100 to 160,000,
     at every five cents from five cents to five dollars fifty cents per gross
     ton of 2,240 pounds.   Harrisburg, Pa., Charter Publishing Company,
     1917.   4to.   222 pp. $20.00

DESMOLLIENS (M.). Cours de langue anglaise à l'usage des élèves ingénieurs. Paris, Librairie de l'Ecole spéciale des Travaux publics, 1917. 8vo. 444 pp.

EIFFEL (G.). Nouvelles recherches sur la résistance de l'air et l'aviation faites au laboratoire d'Auteuil. Paris, Dunod et Pinat, 1914. 4to. 8+406 pp. Atlas, 67 pp.+39 plates. Reliés.   Fr. 50.00

EYROLLES (L.). Formulaire mathématique et technique. 8e édition. Paris, Librairie de l'Ecole spéciale des Travaux publics, 1917. 16mo. 188 pp.

GABEAUD (—.). Introduction mathématique aux sciences techniques de l'ingénieur. 2e édition. Paris, Librairie de l'Ecole spéciale des Travaux publics, 1917. 8vo. 608 pp.

GOUARD (E.) et HIERNAUX (G.). Cours élémentaire de mécanique industrielle. Principes généraux, applications, exercices pratiques. Paris, Dunod et Pinat. 8vo. Tome 1, 2e édition, 1914. Tome 2, Réimpression, 1917. Tome 3, Réimpression, 1917. 386+360+182 pp. Cartonné.   Fr. 4.50+4.50+2.50

HIERNAUX (G.). See GOUARD (E.).

HIGBEE (F. G.). The essentials of descriptive geometry. 2d edition. New York, Wiley, 1917. 6+218 pp. Cloth. $1.80

IZART (J.). Aide-mémoire de l'ingénieur mécanicien. Recueil pratique de formules, tables et renseignements usuels. Réimpression. Paris, Dunod et Pinat, 1917. 8vo. 28+854 pp. Cartonné.   Fr. 15.00

JACQUET (A.). Aide-mémoire de l'ouvrier mécanicien. Paris, Dunod et Pinat, 1917. 8vo. 174 pp. Cartonné.   Fr. 3.50

MAILLOT (L.). Le manuel du mécanicien. Paris, Dunod et Pinat, 1917. 8vo. 8+173 pp. Cartonné.   Fr. 2.50

MILLS (J.). Radio communication. Theory and methods. With an appendix on transmission over wires. New York, McGraw-Hill, 1917. 11+205 pp. Cloth. $1.75

PEABODY (C. H.). Naval architecture. 4th edition. New York, Wiley, 1917. 7+641 pp. Cloth. $7.50

RICCARDO-BRAUZZI (—.). Cours d'aéronautique générale. 2e partie: Etude statique et dynamique des ballons en général. Paris, Dunod et Pinat, 1917. 8vo. 410 pp.   Fr. 30.00

SEE (T. J. J.). Electrodynamic wave-theory of physical forces. Volume 1. (Bulletins 1–6 inclusive.) Lynn, Mass., T. P. Nichols, 1917. 4to. 170 pp. $5.00

SPANGLER (H. W.). Graphics. New York, Wiley, 1917. 95 pp. Cloth. $1.25

TODD (J. A.). The mechanism of exchange; a handbook of currency, banking and trade in peace and in war. Oxford, Clarendon Press, 1917. 14+255 pp.

WILLIS (S. J.). A short course in elementary mathematics and their application to wireless telegraphy. London, Wireless Press, 1917.
3s. 6d.

WOODHOUSE (H.). Text-book of naval aeronautics. London, Laurie, 1917. Royal 8vo.   35s.