

DR. R. JENTZCH, of the University of Berlin, fell in battle, March 21, 1918.

PROFESSOR W. B. STONE, of Rutgers College, died January 6, 1918. Professor Stone had been a member of the American Mathematical Society since 1913.

NEW PUBLICATIONS.

I. HIGHER MATHEMATICS.

- BATEMAN (H.). Differential equations. London, Longmans, 1918. Svo. 11+306 pp. 16s.
- BOYER (P.). La vie universitaire à Paris. Paris, Colin, 1918. Fr. 12.00
- FORSYTH (A. R.). Solutions of the examples in a treatise on differential equations. London, Macmillan, 1918. Svo. 249 pp. 10 s.
- GALLATLY (W.). The modern geometry of the triangle. 2d edition. London, F. Hodgson, 1918. Svo. 7+126 pp. 2s. 6d.
- HEDRICK (H. B.). Interpolation tables or multiplication tables of decimal fractions giving the products to the nearest unit of all numbers from 1 to 100 by each hundredth from 0.01 to 0.99 and of all numbers from 1 to 1000 by each thousandth from 0.001 to 0.999. Washington, Carnegie Institution, 1918. Folio. 9+139 pp. \$5.00
- LAUGEL (L.). See SCHWARZ (H. A.).
- PLANT (L. C.). See WEBBER (W. P.).
- SANSONE (G.). Le divisioni regolari dello spazio iperbolico in piramidi e doppie piramidi. Pisa, tip. succ. fratelli Nistri, 1917. Svo. 135 pp. con quattro tavole.
- SCHWARZ (H. A.). Mélanges relatifs au domaine des surfaces minima. Traduit sur la dernière édition par L. Laugel. Pisa, E. Spoerri, 1918. Svo. 53 pp. L. 4.00
- WEBBER (W. P.) and PLANT (L. C.). Introductory mathematical analysis. New York, Wiley, 1918. 250 pp. \$2.00

II. ELEMENTARY MATHEMATICS.

- ABBOTT (P.). Mathematical tables and formulæ. London, Longmans, 1918. 4+58 pp. 2s.
- . Numerical trigonometry. London, Longmans, 1918. 10+163+mathematical tables, 3+33 pp. 5s.
- CADORIUS (I.), FISKER (A.), HERLEV (V.) og OLSEN (L. P.). Regnebogen, Elevens Bog IV, V og VI. Lærerens Bog III, IV og V. Kjøbenhavn, Gyldendalske Boghandel, 1918.
- FERRARI (A.). Sopra un capitolo di geometria elementare. Torino, S. Lattes, 1918. Svo. 32 pp.

- FISKER (A.). See CADORIUS (I.).
- FRIIS-PETERSEN (F.) og JESSEN (J. L. W.). Realklassens Regnebøg. København, Gjellerup, 1918.
- GLADDEN (T. L.). Plane geometry. Boston, R. G. Badger, 1918. 165 pp. \$1.00
- HERLEV (V.). See CADORIUS (I.).
- HOPKINS (J. W.) and UNDERWOOD (P. H.). Arithmetic. Book 1, revised. New York, Macmillan, 1918. 12mo. 11+260 pp. \$0.40
- JESSEN (J. L. W.) og SMITH (O. A.). Matematik og Regning for Realklassen. København, Gjellerup, 1918.
- . See FRIIS-PETERSEN (F.).
- MILNE (R. M.). Mathematical papers for admission into the Royal Military Academy, the Royal Military College; and papers in elementary engineering for naval cadetships. Nov., 1917 and March, 1918. With answers. London, Macmillan, 1918. 40 pp. 1s. 3d.
- MINNICK (J. H.). An investigation of certain abilities fundamental to the study of geometry. (Diss., University of Pennsylvania.) Lancaster, Pa., New Era Press, 1918. Sm. 4to. 8+108 pp. \$1.25
- NIELSEN (N.). Lærebog i Trigonometri. 2den gennemste Udgave. København og Kristiania, Gyldendalske Boghandel, 1917.
- OLSEN (L. P.). See CADORIUS (I.).
- SMITH (O. A.). See JESSEN (J. L. W.).
- UNDERWOOD (P. H.). See HOPKINS (J. W.).

II. APPLIED MATHEMATICS.

- ANDOYER (H.). Formules et tables nouvelles relatives à l'étude du mouvement des comètes et à différents problèmes de la théorie des orbites. Paris, Gauthier-Villars, 1918. Svo. 52 pp. Fr. 3.00
- BONASSE (H.). Astronomie théorique et pratique. (Bibliothèque scientifique de l'ingénieur et du physicien.) Paris, Delagrave, 1918. Svo. 30+630 pp. Relié. Fr. 35.00
- BRITTAİN (W. M.). Bibliography of maritime literature; published by the American steamship association for distribution among the officers and crews of steamers operated by its members. New York, 1918. Svo. 14 pp.
- KEMPNER (A. J.). Simple applications of trigonometry to artillery. Urbana, Ill., University of Illinois, 1918. Svo. 30 pp. \$0.25
- LÉVY (M.). La statique graphique et ses applications aux constructions. 3e partie: Arcs métalliques. Ponts suspendus rigides. Conpoles et corps de révolution. 3e édition. Paris, Gauthier-Villars, 1918. Svo. 10+418 pp. Fr. 24.00
- LIPKA (J.). Graphical and mechanical computation. New York, Wiley, 1918. 9+264 pp. \$4.00
- MAILLOT (L.). Le manuel du mécanicien. Métaux usuels, trempe, recuit, ajustage, tournage, filetage, fraisage, meulage, outils de mesure et de vérification. 3e édition. Paris, Dunod et Pinat, 1918. Svo. Fr. 3.50

- MANN (C. R.). A study of engineering education prepared for the joint committee on engineering education of the national engineering societies. (Bulletin No. 11.) New York, Carnegie Foundation for the Advancement of Teaching, 1918. 4to. 11+139 pp.
- MARGUET (F.). Cours d'astronomie de l'Ecole Navale. Paris, Challamel, 1918. 8vo. Fr. 10.00
- O'DONNELL (E. E.). Merchant marine manual. Boston, Yachtman's Guide, 1918. 254 pp. \$1.00
- PALMER (C. I.). Practical mathematics. 2d edition. New York, McGraw-Hill, 1918. 4 volumes. 152+172+188+150 pp. \$0.75 each
- POOR (C. L.). Simplified navigation for ships and aircraft. A text-book based upon the Saint Hilaire method. New York, Century, 1918. 18+126 pp.
- RUST (A.). Practical tables for navigators and aviators, containing new and rapid methods for finding the longitude, azimuth and latitude and for great circle sailing, the identification of stars and for plotting line of position by the Sumner and Marcq Saint Hilaire methods. Philadelphia, J. E. Hand and Sons Company, 1918. 116 pp. \$3.50
- SALMON (V. G.). Practical surveying and field work. London, C. Griffin and Company, 1918. 7s. 6d.
- SAMPSON (R. A.). Studies in clocks and time-keeping. No. 2: Tables of the circular equation. Edinburgh, Grant, 1918. 2s. 10d.
- WARNE (E. J.). Elementary course in cartography: twenty lessons, seventy charts. Washington, F. J. Warne, 1917. Paper. \$50.00