

## NEW PUBLICATIONS.

## I. HIGHER MATHEMATICS.

- EVANS, G. C. The Cambridge Colloquium, 1916, Part I; Functionals and their applications to selected topics, including integral equations. New York, American Mathematical Society, 1918. 8vo. 12 + 136 pp. Paper. \$1.50; to members of the Society, \$1.00
- FORSYTH (A.R.). Functions of a complex variable. 3d edition. Cambridge, University Press, 1918. 24 + 855 pp. 30s.
- LANDAU (E.). Einführung in die elementare und analytische Theorie der algebraischen Zahlen und der Ideale. Leipzig, Teubner, 1918. 8vo. 143 pp.
- MANFREDI (L.). Geometría proyectiva y descriptiva según los programas de la Facultad de ciencias exactas, físicas y naturales de la Universidad de Buenos Aires. Parte tercera: Aplicaciones. Tercera edición, corregida y notablemente aumentada. (Texto y atlas.) Buenos Aires, Librería científica y casa editora de Augusto Galli, 1917.
- OPPERMANN (A.). Note sur le quadrilatère complet. Paris, Gauthier-Villars, 1918. 8vo. 27 pp.
- ROGERS (A. L.). Experimental tests of mathematical ability and their prognostic value. (Teachers College, Columbia University, Contributions to Education, No. 89.) New York, 1918. 4 + 118 pp.
- SCHOUTEN (G.). De beginselen van de leer der congruentien. Groningen, P. Noordhoff, 1917. 8vo. 62 pp.
- SEELY (C. E.). See SMITH (D. E.).
- SETHE (K.). Von Zahlen und Zahlworten bei den alten Aegyptern; ein Beitrag zur Geschichte von Rechenkunst und Sprache. (Schriften der wissenschaftlichen Gesellschaft zu Strassburg, 25tes Heft.) Strassburg, Trübner, 1916.
- SMITH (D. E.) and SEELY (C. E.). Union list of mathematical periodicals. (Bureau of Education, Bulletin, 1918, No. 9.) Washington, Government Printing Office, 1918. 8vo. 60 pp.
- WIJDENES (P.). Uitgewerkte mondelinge examens hoogere algebra. Groningen, P. Noordhoff, 1917. 8vo. 51 pp. Fl. 5.00
- ZEUTHEN (H. G.). Sur la réforme qu'a subie la mathématique de Platon à Euclide, et grâce à laquelle elle est devenue science raisonnée. (Extrait des *Mémoires de l'Académie royale des Sciences et des Lettres de Danemark*: Section des Sciences, 8e série, Tome 1, No. 5.) Copenhagen, Bianco Luno, 1917.

## II. ELEMENTARY MATHEMATICS.

- BROWN (J. C.). See WENTWORTH (G.).
- ELMORE (E. B.). Regents original exercises in plane geometry selected in accordance with the list of propositions adopted by the New York State examinations board. Syracuse, N. Y., C. W. Bardeen, 1918. 8vo. \$0.25

- GONGGRIJP (B.). Theorie der rekenkunde, leerboek voor hogere burger scholen, gymnasia, kweek- en normaalscholen. Eerste stukje. Groningen, P. Noordhoff, 1917. 8vo. 69 pp. Gecart. Fl. 0.65
- GONGGRIJP (B.) en WIJDENES (P.). Antwoorden op de vraagstukken van het leerboek der goniometrie en trigonometrie. Groningen, P. Noordhoff, 1917. 8vo. 38 pp. Fl. 0.60
- Beknopte driehoeksmeting. Groningen, P. Noordhoff, 1917. 8vo. 138 pp. Gecart. Fl. 1.50
- Antwoorden op de vraagstukken van de beknopte driehoeksmeting. Groningen, P. Noordhoff, 1917. 8vo. 29 pp. Fl. 0.50
- HAWKES (H. E.), LUBY (W. A.) and TOUTON (F. C.). Second course in algebra. Revised edition. Boston, Ginn, 1918. 8 + 277 pp. Cloth. \$1.00
- LUBY (W. A.). See HAWKES (H. E.).
- SCHLAUCH (W. S.). See WENTWORTH (G.).
- SMITH (D. E.). See WENTWORTH (G.).
- THORNDIKE (E. L.). The Thorndike arithmetics. Books 1-3. New York, Rand and McNally, 1917. 8vo. 16 + 262 + 16 + 288 + 16 + 330 pp. \$0.48 + 0.54 + 0.60
- TOUTON (F. C.). See HAWKES (H. E.).
- WENTWORTH (G.), SMITH (D. E.) and BROWN (J. C.). Junior high school mathematics. Book 3. Boston, Ginn, 1918. 6 + 282 pp. \$0.96
- WENTWORTH (G.), SMITH (D. E.) and SCHLAUCH (W. S.). Commercial algebra. Book 2. Boston, Ginn, 1918. 6 + 250 pp. Cloth. \$1.12
- WIJDENES (P.). See GONGGRIJP (B.).

### III. APPLIED MATHEMATICS.

- ASTROGRAPHIC catalogue. Hyderabad section. 1900.0. Vol. 1: Measures of rectangular coordinates and diameters of 63,436 star-images on plates with centres in dec. -170. Edinburgh, Neill, 1918. 43 + 223 pp. 16s. (12 rupees)
- BOILEAU (C.). Le moteur à essence adapté à l'automobile et à l'aviation. Paris, Dunod et Pinat, 1918. 4to. 10 + 179 pp. Fr. 18.00
- BRAHE (T.). Tychonis Brahe Dani opera omnia edidit I. L. E. Dreyer. Tomi quarti fasc. prior. Hauniæ, Libraria Gyldendaliana, 1918. 376 pp.
- BUTLER (G. M.). A manual of geometrical crystallography. New York, Wiley, 1918. 8 + 155 pp. Cloth. \$1.50
- DREYER (I. L. E.). See BRAHE (T.).
- DUMAS (A.). Les aéroplanes au salon de 1913. Paris, Gauthier-Villars, 1914. 8vo. 4 + 82 pp. Fr. 2.75
- DUNCAN (J.) and STARLING (S. D.). A text-book of physics for the use of students of science and engineering. London, Macmillan, 1918. 23 + 1081 pp. 15s.
- ECCLES (J. R.). Lecture notes on light. Cambridge, University Press, 1917. 215 pp. 12s. 6d.
- FRENCH (J.W.). See STEINHEIL (A.).

- GONGGRIJP (B.). Overzicht der mechanica, leerboek voor hogere burgerscholen met 5-jarigen cursus. Groningen, P. Noordhoff, 1917. 8vo. 148 pp. Fl. 2.00
- JAMES (W. H.) and MACKENZIE (M. C.). Principles of mechanism. New York, Wiley, 1918. 244 pp. Cloth. \$1.50
- MACKENZIE (M. C.). See JAMES (W. H.).
- MIALARET (J. H. A.). Handleiding tot de practijk der scheefhoekige en der rechthoekige axonometrie. Amsterdam, L. J. Veen, 1917. 8vo. 136 pp.
- MORLEY (A.). The theory of structures. London, Longmans, 1918. 9 + 584 pp. 14s.
- NACHMAN (H. L.). Elements of machine design. New York, Wiley, 1918. 5 + 245 pp. Cloth. \$2.00
- PEELE (R.). Mining engineers' handbook. New York, Wiley, 1918. 2400 pp. \$5.00
- STARLING (S. D.). See DUNCAN (J.).
- STEINHEIL (A.) and VOIT (E.). Applied optics: the computation of optical systems. Being the "Handbuch der angewandte Optik" of A. Steinheil and E. Voit translated and edited by J. W. French. Vol. 1. London, Blackie, 1918. 17 + 170 pp. 12s. 6d.
- VIDALIE (R.). Etude générale du moteur rotatif. Paris, Dunod et Pinat, 1918. 8vo. 4 + 149 pp. Fr. 7.20
- VILLAMIL (R. DE). Resistance of air. London, Spon, 1918. 10 + 192 pp. 7s. 6d.
- VOIT (E.). See STEINHEIL (A.).
- WIJDENES (P.). Beknopte beschrijven de meetkunde. Groningen, P. Noordhoff, 1917. 8vo. 94 pp. Gecart. Fl. 1.10