

## NEW PUBLICATIONS.

## I. HIGHER MATHEMATICS.

- HALPHEN (G. H.). Œuvres, publiées par les soins de C. Jordan, H. Poincaré, E. Picard, avec la collaboration de E. Vessiot. Tome I. Paris, Gauthier-Villars, 1916. 8vo. 44 + 570 pp. Fr. 20.00
- JONES (W. H. S.). Scientific method in schools: a suggestion. Cambridge, University Press, 1916. 36 pp. 1s.
- JORDAN (C.). See HALPHEN (G. H.).
- LINEHAN (P. H.). Contributions to equiangular geometry. (Diss., Columbia.) Lancaster, Pa., P. H. Linehan, 1916. 4to. 6 + 38 pp. Paper. \$1.00
- MACAULAY (F. S.). The algebraic theory of modular functions. Cambridge, University Press, 1916. 14 + 112 pp. 4s. 6d.
- PICARD (E.). See HALPHEN (G. H.).
- POINCARÉ (H.). See HALPHEN (G. H.).
- SCHWALLER (R.). Etude sur les nombres. Paris, Librairie de l'Art indépendant, 1916. 12mo. Fr. 1.50
- VESSIOT (E.). See HALPHEN (G. H.).

## II. ELEMENTARY MATHEMATICS.

- BARNARD (S.) and CHILD (J. M.). Elements of geometry. Parts 5-6. London, Macmillan, 1916. 2s.
- BEY (M.). Principes nouveaux de calculs rapides sans l'emploi des logarithmes. Paris, Desforges, 1915. 8vo.
- CHILD (J. M.). See BARNARD (S.).
- HERVÉ (E. L.). Conversion des mesures étrangères en mesures françaises. Paris, Challamel, 1916. 8vo. Fr. 3.00
- LEIGH (C. W.). See PALMER (C. I.).
- LEMOINE (A.). Arithmétique. Cours supérieur et complémentaire, brevet élémentaire. Paris, Hachette, 1916. 18vo. Cartonné. Fr. 1.80
- LENNES (N. J.). See SLAUGHT (H. E.).
- MARSH (H. W.). Interpolated six-place tables of the logarithms of numbers and the natural and logarithmic trigonometric functions. New York, Wiley, 1916. 8vo. 14 + 155 pp. Cloth. \$1.25
- MILLIS (J. F.). See STONE (J. C.).
- PAILHADE (J. DE R.). Sur les avantages et les progrès de la mesure décimale française des angles. Nice, 1916.
- PALMER (C. I.) and LEIGH (C. W.). Plane and spherical trigonometry with 5-place tables. 2d edition. New York, McGraw-Hill, 1916. 8vo. 186 + 132 pp. \$1.50. Text alone, \$1.00. Tables alone, \$0.75.
- PATERSON (W. E.) and TAYLOR (E. O.). Elementary geometry, theoretical and practical, covering Stage III of the recommendations of the Board of Education Circular 711. Vol. 1, 1914: Triangles and quadri-

- laterals; Vol. 2, 1915: Circle and similar figures. Now issued in one volume. Oxford, Clarendon Press, 1916. Cr. 8vo. 328 pp. 3s.
- PHILIP (M.). Algebra through simple equations. New York, Hinds, Hayden and Eldredge, 1916. 6 + 52 pp. \$0.48
- ROGER-COURT (—). Arithmétique. Cours moyen. Certificat d'études. Livre du maître. Paris, Colin, 1916. 12mo. 590 pp. Cartonné. Fr. 4.00
- ROORDA VAN EYSINGA (H.). Cours de mathématiques élémentaires. III: Manuel de géométrie. Théorie et problèmes. Paris, Payot, 1916. 12mo. 194 pp. Fr. 3.00
- ROSENBERG (F.). Preliminary geometry. Oxford, Clarendon Press, 1916. 6 + 220 pp. 2s.
- S LAUGHT (H. E.) and LENNES (N. J.). Intermediate algebra. Boston, Allyn and Bacon, 1916. 8vo. 249 pp. \$0.75
- STONE (J. C.) and MILLIS (J. F.). Plane geometry. Chicago, B. H. Sanborn, 1916. 8vo. 10 + 278 pp. \$0.85
- TAYLOR (E. O.). See PATERSON (W. E.).

### III. APPLIED MATHEMATICS.

- BAUSCH AND LOMB OPTICAL COMPANY. Metro manual; a handbook for engineers, containing technical information regarding the construction, adjustment and use of transits, tachymeters, theodolites, alidades, levels, etc. (9th and revised edition of Saegmuller vest-pocket handbook.) Rochester, N. Y., Bausch and Lomb, 1915. 199 + 37 pp.
- BROWN (J. C.). See FINNEY (H. A.).
- BURROUGHS ADDING MACHINE COMPANY. Instructions for operating and using Burroughs adding and listing machines, class three hundred. 9th edition. Detroit, Mich., Burroughs, 1915. 4to. 31 pp.
- CARLIER (J.). La résolution de l'équation de traction d'un véhicule en mouvement par le "puissance-mètre." Paris, Le Génie civil, 1915. 8vo.
- CONNAISSANCE des temps ou des mouvements célestes à l'usage des astronomes et des navigateurs, pour l'an 1918, publiée par le Bureau des Longitudes. Paris, Gauthier-Villars, 1916. Cartonné. Fr. 4.75
- DICK (F. J.). Ancient astronomy in Egypt and its significance. (Papers of the School of Antiquity, University Extension Series, No. 7.) Point Loma, Cal., Aryan Theosophical Press, 1916. 4to. 18 pp.
- DUHEM (P.). Le système du monde. Histoire des doctrines cosmologiques de Platon à Copernic. Tome 4. Paris, Hermann, 1916. Royal 8vo. 4 + 597 pp. Fr. 19.00. Edition sur papier de Hollande. Fr. 25.00
- FINNEY (H. A.) and BROWN (J. C.). Modern business arithmetic. New York, Holt, 1916. 8vo. 298 pp. \$0.85
- GRIALOU (J.). Cours d'hydraulique. Paris, Gauthier-Villars, 1916. 8vo. 6 + 455 pp. Fr. 20.00
- KARAPETOFF (V.). Engineering applications of higher mathematics. New York, Wiley. 8vo. Part 1: Problems on machine design, 1912. 14 + 69 pp. Part 2: Problems on hydraulics, 1916. 16 + 103 pp. Part 3: Problems on thermodynamics, 1916. 16 + 113 pp. Part 4:

- Problems on mechanics of materials, 1916. 4 + 81 pp. Part 5:  
 Problems on electrical engineering, 1916. 7 + 65 pp. Each part \$0.75
- MADSEN (V. H. O.). Le service géodésique en Danemark (1816-1916).  
 Copenhagen, Bianco-Luno, 1916. 4to.
- MONCKTON (J. H.). Practical geometry. 4th edition. New York, W.  
 T. Comstock, 1915. 8vo. 13 + 82 pp. \$1.00
- PALMER (A. R.) and STEPHENSON (J.). Commercial arithmetic and  
 accounts. London, Bell, 1916. Part 1: 14 + 292 + 56 pp. Part 2:  
 11 + 293-514 + 57-154 pp.
- RELATORIO ASTRONOMICO. Uma das maiores conquistas de todos os tem-  
 pos. Lisboa, A. de Mandonça, 1916. 8vo.
- SAEGMULLER. See BAUSCH.
- SMITH (W. G.). Practical descriptive geometry. 2d edition, enlarged  
 and reset. New York, McGraw-Hill, 1916. 8vo. 10 + 256 pp.  
 \$2.00
- STEPHENSON (J.). See PALMER (A. R.).
- TRIMBLE (C. J. A.). See USHERWOOD (T. S.).
- USHERWOOD (T. S.) and TRIMBLE (C. J. A.). Practical mathematics for  
 technical students. Part 2. London, Macmillan, 1916. Cr. 8vo.  
 7s. 6d.