

BOOKS, ETC., RECEIVED.—Continued.

- Geometrie der Kräfte.* By H. E. TIMERDING. Pp. xii, 381. 16 m. 1908. (Teubner.)
- Lehrbuch der Mathematik nach modernen Grundsätzen.* By D. BEHRENDLEN and G. GÖTTING. Pp. vii, 254. 2 m. 80. 1908. (Teubner.)
- Über das Wesen der Mathematik.* By A. VOSS. Pp. 98. 3 m. 60. 1908. (Teubner.)
- Theorie der Algebraischen Zahlen.* By K. HENSEL. Pp. xi, 349. 14 m. 1908. (Teubner.)
- Differential and Integral Calculus.* By D. A. MURRAY. Pp. xviii, 491. 7s. 6d. 1908. (Longmans.)
- Practical and Theoretical Geometry for Schools.* By H. ARMISTEAD. Pp. xiv, 263. 1908. (Longmans, Green.)
- Leçons sur les Fonctions définies par les Équations Différentielles du Premier Ordre.* By P. BOUTROUX. Pp. vi, 190. 6 fr. 50 c. 1908. (Gauthier-Villars.)
- An Introduction to Practical Mathematics.* By F. M. SAXELBY. Pp. vi, 220. 2s. 6d. 1908. (Longmans, Green.)
- The Foundations of Mathematics.* By P. CARUS. Pp. iv, 137. 3s. 6d. net. 1908. (Open Court Pub. Co.)
- A Treatise on Spherical Astronomy.* By Sir R. S. BALL, F.R.S. Pp. xii, 506. 12s. net. 1908. (Cam. Univ. Press.)
- The Nine-Point Circle.* By M. T. NARANIENGAR. Pp. 5.
- Führer durch die Mathematische Literatur.* Von F. MÜLLER. Pp. x, 252. 7 m. 1908. (Teubner, Leipzig.)
- Lehrbuch der Unendlichen Reihen.* By N. NIELSEN. Pp. viii, 289. 11 m. 1908. (Teubner, Leipzig.)
- School Algebra.* By W. E. PATERSON. Pp. 328, xl. 1908. (Clarendon Press.)
- Alldum's Pocket Folding Mathematical Tables.* (Logs and Anti-Logs.) Pp. 6. 4d. 1908. (Spon.)
- L'Enseignement Mathématique.* 15 Mai, 1908. Contains *Chronique* by Dr. FEHR of the 4th International Congress of Mathematicians, Rome, 1908. 40 pp. 3 frs. (Gauthier-Villars.)
- Geometry for Schools. The Theorems.* By E. FENWICK. Pp. 127. 1s. 6d. 1908. (Heinemann.)
- Bulletin de la Société Physico-Mathématique de Kasan.* 2nd Series. Vol. XV. No. 4. Vol. XVI. No. 1.
- Théorie conjointe des égalités ou des non-égalités logiques.* P. S. PORETSKY.

PROCEEDINGS OF THE
EDINBURGH MATHEMATICAL SOCIETY.

Vol. XXVI.

Williams and Norgate.

7s. 6d.

Problem in Plane Geometry, *E. Collignon*. On the Lines which intersect three given Lines in Space.—Proof that every rational Algebraic Equation has a Root, *A. C. Dixon*. Notes on the Apollonian Problem and the allied Theory, *J. Dougall*. Theorem regarding Orthogonal Conics, *W. Finlayson*. The Dygogram of Axle Reaction of a Pendulum, *Sir A. G. Greenhill*. Poles and Polars of a Conic, *J. Jack*. On the Geometry of the Conic and Triangle, *J. Miller*. A Problem in the Theory of Numbers, *T. H. Miller*. To express a Determinant of the n th Order in terms of Compound Determinants of the 2nd Order and *vice versa*.—A Graphic Method of Solving n Simultaneous Linear Equations involving n Unknowns, *R. F. Muirhead*. The Intrinsic Properties of Curves, *M. T. Naraniengar*. On Factors of Numbers of the Form $\{x^{2n+1} \mp 1\} \div \{x^2 + 1\}$. Examples in the Geometry of Cross Ratios, *C. Tweedie*.

