

and Methods in Plane Analytical Geometry," by Charlotte A. Scott; "An Elementary Treatise on the Theory of Functions," by J. Harkness and F. Morley; "Integral Calculus and Differential Equations for Beginners," by Joseph Edwards; "Geometrical Conic Sections," by Charles Smith; "Elementary Mensuration," by F. H. Stevens; "The Theory of Light," by Thomas Preston, second edition, thoroughly revised; "Magnetism and Electricity," by Andrew Gray.

WORKS of interest announced by the Cambridge University Press are: "The Scientific Papers of John Couch Adams"; "A Treatise on Spherical Astronomy," by Prof. Sir Robert S. Ball; "Hydrodynamics: a Treatise on the Mathematical Theory of the Motion of Fluids," by Prof. H. Lamb, new edition; "Catalogue of Scientific Papers Compiled by the Royal Society of London," new series for the years 1874-83, vol. XI, in the press; "A Treatise on Geometrical Optics," by R. A. Herman; "An Introduction to Abel's Theorem and the Allied Theory," by H. F. Baker; "A Treatise on Geometrical Conics," by F. S. Macaulay; "Euclid's Elements of Geometry, Books XI and XII," by H. M. Taylor; "Mechanics and Hydrostatics" and "Electricity and Magnetism," both by R. T. Glazebrook.

Sampson Low & Co.'s announcements include "A Textbook of Mechanics and Hydrostatics," by Herbert Hancock, and "Thermodynamics: treated with elementary mathematics, and containing applications to animal and vegetable life, tidal friction, and electricity," by J. Parker. In Mr. Murray's list is a "History of Astronomy," by Arthur Berry; and in Chapman & Hall's a "Practical Plane and Solid Geometry," by Henry Angel.

T. S. F.

NEW PUBLICATIONS.

I. HIGHER MATHEMATICS.

BÖKLE (C.). Die Ordnungskurven des Nullsystems. Ihre Verteilung im Raum und ihre Konstruktion. [Progr.] Frankenthal, 1894. 8vo. 26 pp. Illustrated.

BOREL (E.) et DRACH (J.). Introduction à l'étude de la théorie des nombres et de l'algèbre supérieure. D'après des conférences faites à l'École normale supérieure par J. Tannery. Paris, Nony, 1895. 8vo. 9 and 355 pp.

CAYLEY (A.). Collected mathematical papers, Vol. VII. Cambridge, University Press, 1894. 4to. 25s