

variables.—Professor P. APPELL: General laws of equilibrium and motion.—Professor H. POINCARÉ: Planetary perturbations and the development of the perturbative function.—Professor V. J. BOUSSINESQ: Analytical theory of heat.—Professor G. KÆNIGS: Kinematics of a solid body; motions depending on several parameters; kinematics of deformable bodies.—Mr. RAFFY: Mathematics introductory to the study of physics.—Mr. ANDOYER: Motion of rotation of heavenly bodies by the method of variation of arbitrary constants. In addition, mathematical conferences are conducted by Messrs. Hadamard, Puiseux, Andoyer and Blutel.

For the second semester the following courses have been announced:—Professor PICARD: Theory of algebraic surfaces.—Professor GOURSAT: Principles of the theory of analytical functions.—Professor BOUSSINESQ: Propagation of heat in crystals.—Professor KÆNIGS: Study of Machines. Professor Appell will also lecture, but the subject of his course has not been announced.

NEW PUBLICATIONS.

I. HIGHER MATHEMATICS.

- ABRAMOV (V.). Sketch of the methods of integrating differential equations. Part I. (In Russian.) Moscow, 1897. 8vo. 24 pp. Mk. 1.60
- ARCHIMEDES. Works, edited in modern notation, with introductory chapters, by T. L. Heath. Cambridge University Press, 1897. 8vo. 514 pp. 15s.
- BOOLE (M. E.). See GRATRY.
- BURALI-FORTI (C.). Introduction à la géométrie différentielle, suivant la méthode de H. Grassmann. Paris, Gauthier-Villars, 1897. 8vo. 11 and 166 pp. Fr. 4.50
- BURNSIDE (W. S.). The theory of groups of a finite order. Cambridge University Press (New York, Macmillan), 1897. 8vo. 16 and 388 pp. Cloth. \$3.75
- CAUCHY (A.). Oeuvres complètes, publiées sous la direction scientifique de l'Académie des sciences et sous les auspices du ministre de l'instruction publique. Première série. Vol. X: Extraits des comptes rendus de l'Académie des sciences. Paris, Gauthier-Villars, 1897. 4to. Fr. 25.00
- DELASSUS (E.). Leçons sur la théorie analytique des équations aux dérivées partielles du premier ordre. Paris, 1897. 8vo. 88 pp. Fr. 5.00
- DIRICHLET. See LEJEUNE-DIRICHLET.
- ECHEGARAY (J.). Lecciones sobre la resolucion de las ecuaciones y la teoria de Galois. Madrid, 1897. 4to. 272 pp. Fr. 13.00