

Sorbonne 6, Paris V, catalogue 83, part 1, 2430 titles in mathematics, letters A to H, and 170 sets of mathematical periodicals; Nicola Zanichelli, Bologna, catalogue 29, 278 titles in mathematics and physics; K. F. Kochler, 6 Kurprinzstrasse, Leipzig, Antiquariats-Katalog 564, 3004 titles in mathematics.

NEW PUBLICATIONS.

I. HIGHER MATHEMATICS.

- APPELL (P.). Éléments d'analyse mathématique à l'usage des ingénieurs et des physiciens. 2e édition. Paris, Gauthier-Villars, 1905. 8vo. 7 + 714 pp. Fr. 24.00
- AGUGLIA (G.). La curva Φ_k^* , relativa ad un sistema lineare ∞^k e le sue applicazioni ad una teoria sintetica delle curve polari. Memoria di geometria pura. Palermo, 1904. 8vo. 75 pp. Fr. 3.00
- BASSETT (A. B.). An elementary treatise on cubic and quartic curves. New York, Macmillan, 1905. 8vo. 16 + 255 pp. Cloth. \$4.25
- BATH (W.). Zur Theorie der gleichzeitig-hyperbolischen Schnitte der Oberflächen 2. Ordnung. (Diss.) Rostock, Leopold, 1904. 8vo. 190 pp. M. 1.50
- DARBOUX (G.). A study of the development of geometric methods. Translated by G. B. Halsted. 8vo. 23 pp. (*Popular Science Monthly*, March, 1905).
- FLEET (R. R.). Ueber die Quadraturen von Integralen partieller Differentialgleichungen. (Diss.) Heidelberg, 1904. 8vo. 36 pp.
- GARBIERI (G.). Teoria dei determinanti. Torino, 1904. 8vo. 32 pp. Fr. 2.00
- GULDBERG (A.). Sur les communs multiples des expressions linéaires aux différences finies. 1905. 8vo. 6 pp. (*Rendiconti del Circolo matematico di Palermo*, Vol 29.)
- . Ueber lineare homogene Differenzengleichungen derselben Art. Warsaw, Sikorski, 1905. 8vo. 9 pp. (*Prace matematyczno-fizyczne*, Vol. 16.)
- . Ueber lineare homogene Differenzengleichungen. Leipzig, Teubner, 1905. (*Archiv der Mathematik und Physik* (3) 8.) 8vo. 4 pp.
- HALSTED (G. B.). See DARBOUX (G.).
- HERMITE (C.). See LAGUERRE (E.).
- JOLY (C. J.). Manual of quaternions. London, Macmillan, 1905. 8vo. 348 pp. Cloth. 10s.
- JUEL (C.). Stereometri og analytisk geometri til brug i tekniske skoler. Udgivet paa foranstaltning of det tekniske Selskabs Skole. Kopenhagen, 1895. 8vo. 84 pp. Kr. 2.00
- LAGUERRE (E.). Oeuvres, publiées sous les auspices de l'Académie des Sciences, par C. Hermite, H. Poincaré et E. Rouché. Vol. II: Géométrie. Paris, Gauthier-Villars, 1905. 8vo. Fr. 22.00