

NEW PUBLICATIONS.

I. HIGHER MATHEMATICS.

- ALGORISMUS PROSAYCUS** Magistri Christiani anno fere 1400 scriptus. Nunc primum edidit Dr. F. J. Studnička. Pragæ, 1893. (Sumptibus R. Soc. Scient. Boh.) 17 pp.
- BRUTEL DE LA RIVIÈRE** (C. J. E.). Aanhangsel tot de Handleidning bij de Beschouwing der Figuren in de Ruimte. Leiden, 1893. 8vo. 2 and 20 pp. Mk. 0.80
- BYERLY** (W. E.). An elementary treatise on Fourier's series and spherical, cylindrical, and ellipsoidal harmonics, with applications to problems in mathematical physics. Boston, Ginn, 1893. 8vo. 8 and 287 pp. Illustrated. Cloth. \$3.00
- CANTOR** (M.). Vorlesungen über Geschichte der Mathematik. (In 3 Bänden.) Vol. I: Von den ältesten Zeiten bis zum Jahre 1200 n. Chr. 2te, umgearbeitete Auflage. Leipzig, Teubner, 1894. 8vo. Illustrated. Mk. 20.00
- COLLETTE** (L.). Exercices de calcul intégral. Liège, 1893. 8vo. Mk. 2.80
- DETER** (C. J.). Repetitorium der Differential- und Integralrechnung. 3te Auflage. Berlin, Rockenstein, 1893. 8vo. 119 pp. Illustrated. Mk. 2.00
- DURËGE** (H.). Elemente der Theorie der Funktionen einer complexen veränderlichen Grösse. Mit besonderer Berücksichtigung der Schöpfungen Riemann's. 4te Auflage. Leipzig, Teubner, 1894. 8vo. 10 and 300 pp. Mk. 6.80
- GAUSS** (C. F.). De integratione formulæ differentialis $(1 + n \cos \phi)^r d\phi$. Herausgegeben von E. Schering. Göttingen (Nachr. Ges. Wiss.), 1893. 8vo. 30 pp. Mk. 1.80
- KLEIN** (F.). The Evanston Colloquium. Lectures on mathematics, delivered from Aug. 28 to Sept. 9, 1893, before members of the Congress of Mathematics held in connection with the World's Fair in Chicago, at Northwestern University, Evanston, Ill. Reported by A. Ziwet. Published for H. S. White and A. Ziwet. New York, Macmillan, 1894. 8vo. 10 and 109 pp. Cloth. \$1.50
- LE VAVASSEUR** (R.). Sur le système d'équations aux dérivées partielles simultanées aux quelles satisfait la série hypergéométrique à deux variables $F(\alpha, \beta, \beta', \gamma; x, y)$. Paris, 1893. 4to. 211 pp. Illustrated. Mk. 6.00
- MACMAHON** (P. A.). Memoir on the theory of the composition of numbers. London (Phil. Trans.), 1893. 4to. 67 pp. 8s.
- MOLENBROEK** (P.). Anwendung der Quaternionen auf die Geometrie. Leiden, 1893. 8vo. 10 and 257 pp. Mk. 7.00
- STRINGHAM** (I.). Uniplanar algebra, being Part I of a propædeutic to the higher mathematical analysis. San Francisco, Berkeley Press, 1893. 8vo. 14 and 141 pp. Cloth. \$1.25