

TWENTY-SECOND ANNUAL LIST OF PAPERS

READ BEFORE THE AMERICAN MATHEMATICAL SOCIETY AND
SUBSEQUENTLY PUBLISHED, INCLUDING REFERENCES
TO THE PLACES OF THEIR PUBLICATION.

- ALEXANDER, J. W., II. See VEULEN, O.
- BAKER, R. P. The Method of Monodromie with Applications to Three-Parameter Quartic Equations. Read (Chicago) April 5, 1912. *Annals of Mathematics*, vol. 14, No. 3, pp. 119-136; March, 1913.
- BEAL, F. W. Normal Congruences Determined by Centers of Geodesic Curvature. Read Sept. 12, 1911. *American Journal of Mathematics*, vol. 35, No. 1, pp. 10-36; Jan., 1913.
- BIRKHOFF, G. D. A Determinant Formula for the Number of Ways of Coloring a Map. Read April 27, 1912. *Annals of Mathematics*, vol. 14, No. 1, pp. 42-46; Sept., 1912.
- Proof of Poincaré's Geometric Theorem. Read Oct. 26, 1912. *Transactions of the American Mathematical Society*, vol. 14, No. 1, pp. 14-22; Jan., 1913.
- The Reducibility of Maps. Read April 27, 1912. *American Journal of Mathematics*, vol. 35, No. 2, pp. 115-128; April, 1913.
- BLISS, G. A. Fundamental Existence Theorems. Read Dec. 28, 1907, (Chicago) Jan. 1, 1909, Sept. 15-17, 1909, Jan. 1, 1913. The Princeton Colloquium Lectures on Mathematics, pp. 1-107; New York, 1913.
- BLUMBERG, H. Ueber algebraische Eigenschaften von linearen homogenen Differentialausdrücken. Read Sept. 10, 1912. Author's Dissertation, 53 pp.; Göttingen, 1912.
- A Set of Postulates for Arithmetic and Algebra. Read Sept. 10, 1912. Proceedings of the Fifth International Congress of Mathematicians, vol. 2, pp. 461-465; 1913.
- BÔCHER, M. A Simple Proof of a Fundamental Theorem in the Theory of Integral Equations. Read Dec. 28, 1910. *Annals of Mathematics*, vol. 14, No. 2, pp. 84-85; Dec., 1912.
- BRADSHAW, J. W. An Infinite Product for $\pi/4$ Derived from Gregory's Series. Read Sept. 7, 1910. *Quarterly Journal of Pure and Applied Mathematics*, vol. 43, No. 4, pp. 378-379; July, 1912.
- BRENKE, W. C. Transformation of Series by Means of Functions Admitting a Recurrent Relation. Read (Southwestern Section) Nov. 28, 1908, Nov. 27, 1909, and Nov. 26, 1910. *Annals of Mathematics*, vol. 13, No. 1, pp. 40-51; Sept., 1911.
- CAJORI, F. Historical Note on the Graphic Representation of Imaginaries before the Time of Wessel. Read (Southwestern Section) Nov. 30, 1912. *American Mathematical Monthly*, vol. 19, Nos. 10-11, pp. 167-171; Oct.-Nov., 1912.
- CAMP, B. H. Singular Multiple Integrals, with Applications to Series. Read April 27, 1912. *Transactions of the American Mathematical Society*, vol. 14, No. 1, pp. 42-64; Jan., 1913.