

TWENTY-SEVENTH ANNUAL LIST OF PAPERS.

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

- BARROW, D. F. An application of Fourier's series to probability. Read Feb. 24, 1917. *Annals of Mathematics*, ser. 2, vol. 19, No. 2, pp. 96-105; Dec., 1917.
- BEATTY, S. Derivation of the complementary theorem from the Riemann-Roch theorem. Read April 29, 1916. *American Journal of Mathematics*, vol. 39, No. 3, pp. 257-262; July, 1917.
- BELL, E. T. Fourier series for the squares of Hermite's eighteen doubly periodic theta quotients. Read (San Francisco) April 6, 1918. *Messenger of Mathematics*, vol. 47, No. 4, pp. 49-57; Aug., 1917.
- Numerical functions of $[x]$. Read (San Francisco) April 6, 1918. *Annals of Mathematics*, ser. 2, vol. 19, No. 3, pp. 210-216; March, 1918.
- BIANCHI, L. Concerning singular transformations B_k of surfaces applicable to quadrics. Read April 28, 1917. *Transactions of the American Mathematical Society*, vol. 18, No. 3, pp. 379-401; July, 1917.
- BIRKHOFF, G. D. A theorem on series of orthogonal functions with an application to Sturm-Liouville series. Read Oct. 27, 1917. *Proceedings of the National Academy of Sciences*, vol. 3, No. 11, pp. 656-659; Nov., 1917.
- BLISS, G. A. Integrals of Lebesgue. Read (Chicago) April 6, 1917. *Bulletin of the American Mathematical Society*, vol. 24, No. 1, pp. 1-47; Oct., 1917.
- BLUMBERG, H. A theorem on semi-continuous functions. Read (Southwestern Section) Dec. 1, 1917. *Bulletin of the American Mathematical Society*, vol. 24, No. 8, pp. 381-383; May, 1918.
- BRINK, R. W. A new integral test for the convergence and divergence of infinite series. Read April 29, 1916. *Transactions of the American Mathematical Society*, vol. 19, No. 2, pp. 186-204; April, 1918.
- BURGESS, H. T. Solution of the matrix equation $X^{-1}AX = N$. Read (Chicago) Dec. 22, 1916. *Annals of Mathematics*, ser. 2, vol. 19, No. 1, pp. 30-36; Sept., 1917.
- CAJORI, F. Newton's solution of numerical equations by means of slide rules. Read Sept. 5, 1917. *Colorado College Publication*, General Series No. 95, pp. 245-253; Nov., 1917.
- Pierre Laurent Wantzel. Read Sept. 4, 1917. *Bulletin of the American Mathematical Society*, vol. 24, No. 7, pp. 339-347; April, 1918.
- CAMP, B. H. Multiple integrals over infinite fields, and the Fourier multiple integral. Read Feb. 27, 1915, and April 29, 1916. *American Journal of Mathematics*, vol. 39, No. 3, pp. 311-334; July, 1917.
- CARMICHAEL, R. D. Note on convergence tests applicable to series converging conditionally. Read (Chicago) April 6, 1917. *Tôhoku Mathematical Journal*, vol. 11, No. 4, pp. 191-199; June, 1917.