

TWENTY-SIXTH 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. On the factorization of Cremona plane transformations. Read Dec. 28, 1915. *Transactions of the American Mathematical Society*, vol. 17, No. 3, pp. 295-300; July, 1916.
- BATEMAN, H. On systems of partial differential equations and the transformation of spherical harmonics. Read Feb. 26, 1916. *Proceedings of the Royal Society of Edinburgh*, vol. 36, Nos. 3-4, pp. 300-312; March, 1917.
- BEAL, F. W. A congruence of circles. Read April 24, 1915. *Annals of Mathematics*, ser. 2, vol. 17, No. 4, pp. 180-187; June, 1916.
- BEATTY, S. The inversion of an analytic function. Read April 28, 1917. *Bulletin of the American Mathematical Society*, vol. 23, No. 8, pp. 347-353; May, 1917.
- BENNETT, A. A. A case of iteration in several variables. Read April 29, 1916. *Annals of Mathematics*, ser. 2, vol. 17, No. 4, pp. 188-196; June, 1916.
- An existence theorem for the solution of a type of real mixed difference equation. Read April 29, 1916. *Annals of Mathematics*, ser. 2, vol. 18, No. 1, pp. 24-30; Sept., 1916.
- Newton's method in general analysis. Read (Southwestern Section) Dec. 2, 1916. *Proceedings of the National Academy of Sciences*, vol. 2, No. 10, pp. 592-598; Oct., 1916.
- Closed algebraic correspondences. Read (Chicago) Dec. 22, 1916. *Annals of Mathematics*, ser. 2, vol. 18, No. 4, pp. 200-208; June, 1917.
- BIRKHOFF, G. D. Infinite products of analytic matrices. Read Dec. 27, 1915. *Transactions of the American Mathematical Society*, vol. 17, No. 3, pp. 386-404; July, 1916.
- Dynamical systems with two degrees of freedom. Read Dec. 27, 1915 and Sept. 5, 1916. *Proceedings of the National Academy of Sciences*, vol. 3, No. 4, pp. 314-316; April, 1917. *Transactions of the American Mathematical Society*, vol. 18, No. 2, pp. 199-300; April, 1917.
- BLUMBERG, H. On the factorization of expressions of various types. Read (Southwestern Section) Nov. 28, 1914 and (Chicago) Dec. 29, 1914. *Transactions of the American Mathematical Society*, vol. 17, No. 4, pp. 517-544; Oct., 1916.
- Certain general properties of functions. Read (Chicago) April 10, 1914 and (Chicago) Dec. 22, 1916. *Proceedings of the National Academy of Sciences*, vol. 2, No. 11, pp. 646-649; Nov., 1916. *Annals of Mathematics*, ser. 2, vol. 18, No. 3, pp. 147-160; March, 1917.
- BÔCHER, M. La méthode des approximations successives pour les systèmes différentiels. Read Sept. 8, 1914. Section 22, pp. 112-116, of *Leçons sur les Méthodes de Sturm dans la Théorie des Equations différentielles linéaires et leurs Développements modernes*. (Collection de Monographies sur la Théorie des Fonctions publiée sous la Direction de M. Émile Borel.) Paris, Gauthier-Villars, 1917.

- BORGER, R. L. A theorem in the analysis of real variables. Read (Chicago) April 21, 1916. *Bulletin of the American Mathematical Society*, vol. 23, No. 6, pp. 287-290; March, 1917.
- BROWN, E. W. The relations of mathematics to the natural sciences. Read Dec. 28, 1916. *Bulletin of the American Mathematical Society*, vol. 23, No. 5, pp. 213-230; Feb., 1917.
- BUCHANAN, D. Oscillations near an isosceles-triangle solution as the finite bodies become unequal. Read (Chicago) Dec. 28, 1914. *American Journal of Mathematics*, vol. 39, No. 1, pp. 41-58; Jan., 1917.
- BURGESS, H. T. A practical method for determining elementary divisors. Read (Chicago) April 21, 1916. *Annals of Mathematics*, ser. 2, vol. 18, No. 1, pp. 4-6; Sept., 1916.
- BURGESS, R. W. The comparison of a certain case of the elastic curve with its approximation. Read Sept. 4, 1916. *Physical Review*, ser. 2, vol. 9, No. 3, pp. 193-197; March, 1917.
- CARMICHAEL, R. D. On a general class of series of the form $\sum c, g(x+n)$. Read Dec. 31, 1915. *Transactions of the American Mathematical Society*, vol. 17, No. 3, pp. 207-232; July, 1916.
- Examples of a remarkable class of series. Read April 28, 1917. *Bulletin of the American Mathematical Society*, vol. 23, No. 9, pp. 407-425; June, 1917.
- CARPENTER, A. F. Ruled surfaces whose flecnodal curves have plane branches. Read (San Francisco) May 22, 1914, (Chicago) Dec. 28, 1914, and (Chicago) April 2, 1915. *Transactions of the American Mathematical Society*, vol. 16, No. 4, pp. 509-532; Oct., 1915.
- CARSLAW, H. S. A trigonometrical sum and the Gibbs' phenomenon in Fourier's series. Read Oct. 30, 1915. *American Journal of Mathematics*, vol. 39, No. 2, pp. 185-197; April, 1917.
- CHITTENDEN, E. W. On the equivalence of écart and voisinage. Read (Chicago) April 21, 1916. *Transactions of the American Mathematical Society*, vol. 18, No. 2, pp. 161-166; April, 1917.
- COBLE, A. B. Point sets and allied Cremona groups (Part II). Read April 25, 1914. *Transactions of the American Mathematical Society*, vol. 17, No. 3, pp. 345-385; July, 1916.
- Point sets and Cremona groups. Part III. Read April 25, 1914. *Proceedings of the National Academy of Sciences*, vol. 2, No. 10, pp. 575-576; Oct., 1916.
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- COOLIDGE, J. L. The meaning of Plücker's equations for a real curve. Read Dec. 28, 1915 and April 29, 1916. *Rendiconti del Circolo Matematico di Palermo*, vol. 40, Nos. 2-3, pp. 211-216; Sept.-Dec., 1915.
- The intersections of a straight line and hyperquadric. Read Dec. 28, 1916. *Annals of Mathematics*, ser. 2, vol. 18, No. 4, pp. 209-213; June, 1917.
- CUMMINGS, L. D. See COLE, F. N.
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- DINES, L. L. A characteristic property of self-projective curves. Read (Chicago) April 21, 1916. *Annals of Mathematics*, ser. 2, vol. 17, No. 4, pp. 213–217; June, 1916.
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- A theorem on the curves described by a spherical pendulum. Read Dec. 27, 1916. *Bulletin of the American Mathematical Society*, vol. 23, No. 5, pp. 230–232; Feb., 1917.
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