

TWENTY-FIFTH 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. Functions which map the interior of the unit circle upon simple regions. Read April 24, 1915. *Annals of Mathematics*, ser. 2, vol. 17, No. 1, pp. 12-22; Sept., 1915.
- ALTSHILLER, N. On the circles of Apollonius. Read Aug. 3, 1915. *American Mathematical Monthly*, vol. 22, No. 8, pp. 261-263; Oct., 1915; No. 9, pp. 304-305; Nov., 1915.
- BARROW, D. F. Oriented circles in space. Read Jan. 2, 1915. *Transactions of the American Mathematical Society*, vol. 16, No. 3, pp. 235-258; July, 1915.
- BATEMAN, H. A certain system of linear partial differential equations. Read Feb. 26, 1916. *Bulletin of the American Mathematical Society*, vol. 22, No. 7, pp. 329-335; April, 1916.
- BEEBLE, R. D. On the complete independence of Schimmack's postulates for the arithmetic mean. Read April 25, 1914. *Mathematische Annalen*, vol. 76, No. 4, pp. 444-446; June, 1915.
- Congruences associated with a one-parameter family of curves. Read Dec. 31, 1913 and Sept. 8, 1914. *American Journal of Mathematics*, vol. 37, No. 3, pp. 281-308; July, 1915.
- BENNETT, A. A. The iteration of functions of one variable. Read Aug. 4, 1915. *Annals of Mathematics*, ser. 2, vol. 17, No. 1, pp. 23-60; Sept. 1915.
- BERNSTEIN, B. A. A set of four independent postulates for Boolean algebras. Read Aug. 3, 1915. *Transactions of the American Mathematical Society*, vol. 17, No. 1, pp. 50-52; Jan., 1916.
- A simplification of the Whitehead-Huntington set of postulates for Boolean algebras. Read (San Francisco) Nov. 20, 1915. *Bulletin of the American Mathematical Society*, vol. 22, No. 9, pp. 458-459; June, 1916.
- BIRKHOFF, G. D. The restricted problem of three bodies. Read Dec. 30, 1913 and April 25, 1914. *Rendiconti del Circolo Matematico di Palermo*, vol. 39, No. 3, pp. 265-334; May-June, 1915.
- Theorem concerning the singular points of ordinary linear differential equations. Read Oct. 30, 1915. *Proceedings of the National Academy of Sciences*, vol. 1, No. 12, pp. 578-581; Dec., 1915.
- BLISS, G. A. A note on the problem of Lagrange in the calculus of variations. Read Dec. 31, 1915. *Bulletin of the American Mathematical Society*, vol. 22, No. 5, pp. 220-225; Feb., 1916.
- Jacobi's condition for problems of the calculus of variations in parametric form. Read (Chicago) April 2, 1915. *Transactions of the American Mathematical Society*, vol. 17, No. 2, pp. 195-206; April, 1916.

- BLUMBERG, H. On the factorization of various types of expressions. Read (Southwestern Section) Nov. 28, 1914 and (Chicago) Dec. 29, 1914. *Proceedings of the National Academy of Sciences*, vol. 1, No. 6, pp. 374-381; June, 1915.
- BUCHANAN, D. Oscillations near one of the isosceles-triangle solutions of the three body problem. Read Jan. 1, 1913. *Proceedings of the London Mathematical Society*, ser. 2, vol. 14, No. 4, pp. 278-300; July, 1915.
- A new isosceles-triangle solution of the three body problem. Read (Chicago) Dec. 28, 1914. *Transactions of the American Mathematical Society*, vol. 16, No. 3, pp. 259-274; July, 1915.
- CAJORI, F. The history of Zeno's arguments on motion: phases in the development of the theory of limits. Read Sept. 9, 1913 and (Chicago) April 11, 1914. *American Mathematical Monthly*, vol. 22, No. 5, pp. 143-149; May, 1915: No. 6, pp. 179-186; June, 1915: No. 7, pp. 215-220; Sept., 1915: No. 8, pp. 253-258; Oct., 1915: No. 9, pp. 292-297; Nov., 1915.
- CARMICHAEL, R. D. On the representation of numbers in the form $x^3 + y^3 + z^3 - 3xyz$. Read Aug. 3, 1915. *Bulletin of the American Mathematical Society*, vol. 22, No. 3, pp. 111-117; Dec., 1915.
- Diophantine analysis (Mathematical Monograph Series, No. 16); pp. 35-58, 62-66, 77-84, 104-111. Read (Chicago), April 3, 1915. New York, Wiley, 1915.
- On the solutions of linear homogeneous difference equations. Read (Chicago) April 3, 1915. *American Journal of Mathematics*, vol. 38, No. 2, pp. 185-220; April, 1916.
- CARPENTER, A. F. Ruled surfaces whose flecnodal curves have plane branches. Read (Chicago) Dec. 28, 1914. *Transactions of the American Mathematical Society*, vol. 16, No. 4, pp. 509-532; Oct., 1915.
- COBLE, A. B. An isomorphism between theta characteristics and the $(2p + 2)$ -point. Read Jan. 1, 1915. *Annals of Mathematics*, ser. 2, vol. 17, No. 3, pp. 101-112; March, 1916.
- CUMMINGS, L. D., and WHITE, H. S. Groupless triad systems on fifteen elements. Read April 24, 1915. *Bulletin of the American Mathematical Society*, vol. 22, No. 1, pp. 12-16; Oct., 1915.
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- DICKSON, L. E. Geometrical and invariantive theory of quartic curves modulo 2. Read (Chicago) April 2, 1915. *American Journal of Mathematics*, vol. 37, No. 4, pp. 337-354; Oct., 1915.
- Invariantive classification of pairs of conics modulo 2. Read Aug. 3, 1915. *American Journal of Mathematics*, vol. 37, No. 4, pp. 355-358; Oct., 1915.
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- EISENHART, L. P. Conjugate systems with equal tangential invariants and the transformation of Moutard. Read Sept. 8, 1914. *Rendiconti del Circolo Matematico di Palermo*, vol. 39, No. 2, pp. 153-176; March-April, 1915.
- Surfaces Ω and their transformations. Read Jan. 1, 1915. *Transactions of the American Mathematical Society*, vol. 16, No. 3, pp. 275-310; July, 1915.
- Surfaces with isothermal representation of their lines of curvature as envelopes of rolling. Read Oct. 30, 1915. *Annals of Mathematics*, vol. 17, No. 2, pp. 64-71; Dec., 1915.
- Transformations of surfaces Ω (second memoir). Read Dec. 28, 1915. *Transactions of the American Mathematical Society*, vol. 17, No. 1, pp. 53-99; Jan., 1916.
- EMCH, A. A certain class of functions connected with Fuchsian groups. Read April 24, 1915. *Bulletin of the American Mathematical Society*, vol. 22, No. 1, pp. 33-37; Oct., 1915.
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- MACMILLAN, W. D. Convergence of the series $\sum_{i=0}^{\infty} \sum_{j=0}^{\infty} \frac{x^i y^j}{i - j\gamma}$ (γ irrational). Read (Chicago) April 3, 1915. *Bulletin of the American Mathematical Society*, vol. 22, No. 1, pp. 26-32; Oct., 1915.
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