

EIGHTH ANNUAL LIST OF PAPERS

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

- BÔCHER, M. The Theorems of Oscillation of Sturm and Klein (Third Paper). Read Aug. 19, 1898. *Bulletin of the American Mathematical Society*, vol. 5, No. 1, pp. 22-43 ; Oct., 1898.
- On Singular Points of Linear Differential Equations with Real Coefficients. Read Oct. 29, 1898. *Bulletin of the American Mathematical Society*, vol. 5, No. 6, pp. 275-281 ; March, 1899.
- An Elementary Proof that Bessel's Functions of the Zeroth Order Have an Infinite Number of Real Roots. Read Feb. 25, 1899. *Bulletin of the American Mathematical Society*, vol. 5, No. 8, pp. 385-388 ; May, 1899.
- CHESSIN, A. S. On the Development of the Perturbative Function in Terms of the Mean Anomalies. Read Aug. 19, 1898. *Astronomical Journal*, vol. 19, No. 10, pp. 73-74 ; Aug. 22, 1898 ; vol. 19, No. 20, pp. 159-160 ; Dec. 29, 1898.
- Sur les Théorèmes de Green et de Cauchy. Read Dec. 28, 1898. *Comptes Rendus*, vol. 127, No. 10, pp. 604-606 ; March 6, 1899.
- DICKSON, L. E. Concerning a Linear Homogeneous Group in $C_{m, q}$ Variables Isomorphic to the General Linear Homogeneous Group in m Variables. Read Aug. 20, 1898. *Bulletin of the American Mathematical Society*, vol. 5, No. 3, pp. 120-135 ; Dec., 1898.
- The Largest Linear Homogeneous Group with an Invariant Pfaffian. Read Oct. 29, 1898. *Bulletin of the American Mathematical Society*, vol. 5, No. 7, pp. 338-342 ; Apr., 1899.
- The Known Finite Simple Groups. Read Apr. 29, 1899. *Bulletin of the American Mathematical Society*, vol. 5, No. 10, pp. 470-475 ; July, 1899.
- HOLGATE, T. F. A Second Locus Connected with a System of Coaxial Circles. Read Aug. 19, 1898. *Bulletin of the American Mathematical Society*, vol. 5, No. 3, pp. 135-143 ; Dec., 1898.
- HUTCHINSON, J. I. The Hessian of the Cubic Surface. Read Aug. 19, 1898. *Bulletin of the American Mathematical Society*, vol. 5, No. 6, pp. 282-292 ; March, 1899.
- The Asymptotic Lines of the Kummer Surface. Read April 29, 1899. *Bulletin of the American Mathematical Society*, vol. 5, No. 10, pp. 465-467 ; July, 1899.
- KEYSER, C. J. On a Definitive Property of the Covariant. Read April 29, 1899. *Bulletin of the American Mathematical Society*, vol. 5, No. 10, pp. 468-469 ; July, 1899.

- LOVETT, E. O. Note on Differential Invariants of a System of m Points by Projective Transformation. Read Aug. 19, 1898. *American Journal of Mathematics*, vol. 21, No. 2, pp. 168-174; April, 1899.
- MASCHKE, H. Ueber den arithmetischen Character der Coefficienten der Substitutionen endlicher linearer Substitutionsgruppen. Read Aug. 17, 1897 and (Chicago) April 9, 1898. *Mathematische Annalen*, vol. 50, No. 4, pp. 492-498; Sept., 1898.
- Bestimmung aller ternären und quaternären Collineationsgruppen, welche mit symmetrischen und alternirenden Buchstabenvertauschungsgruppen holoedrisch isomorph sind. Read (Chicago) Dec. 30, 1897. *Mathematische Annalen*, vol. 51, No. 2, pp. 253-298; Oct., 1898.
- MILLER, G. A. On the Simple Isomorphisms of a Hamiltonian Group to Itself. Read Aug. 20, 1898. *Bulletin of the American Mathematical Society*, vol. 5, No. 6, pp. 292-295; March, 1899.
- MOORE, E. H. Concerning the General Equations of the Seventh and Eighth Degrees. Read (Chicago) December 31, 1897. *Mathematische Annalen*, vol. 51, No. 3, pp. 417-444; Dec., 1898.
- MORLEY, F. On a Regular Configuration of Ten Line Pairs Conjugate as to a Quadric. Read Oct. 29, 1898. *Bulletin of the American Mathematical Society*, vol. 5, No. 5, pp. 252-253; Feb., 1899.
- NEWSON, H. B. The Five Types of Projective Transformations in the Plane. Read (Chicago) Dec. 30, 1898. *Kansas University Quarterly*, vol. 8, No. 2, pp. 43-66; Apr., 1899.
- OSGOOD, W. F. Note on the Generalization of Poincaré and Goursat's Proof of a Theorem of Weierstrass's. Read Aug. 19, 1898. *Bulletin of the American Mathematical Society*, vol. 5, No. 1, pp. 14-17; Oct., 1898.
- Supplementary Note on a Single Valued Function with a Natural Boundary, whose Inverse is also Single Valued. Read Aug. 19, 1898. *Bulletin of the American Mathematical Society*, vol. 5, No. 1, pp. 17-18; Oct., 1898.
- PEIRCE, J. M. Determinants of Quaternions. Read Feb. 25, 1899. *Bulletin of the American Mathematical Society*, vol. 5, No. 7, pp. 335-337; Apr., 1899.
- PIERPONT, J. On the Arithmetization of Mathematics. Read Feb. 25, 1899. *Bulletin of the American Mathematical Society*, vol. 5, No. 8, pp. 394-406; May, 1899.
- On Elliptic Functions. Read Apr. 29, 1899. *Bulletin of the American Mathematical Society*, vol. 5, No. 10, pp. 490-492; July, 1899.
- SAFFORD, F. H. Surfaces of Revolution in the Theory of Lamé's Products. Read Feb. 25, 1899. *Bulletin of the American Mathematical Society*, vol. 5, No. 9, pp. 431-437; June, 1899.
- SNYDER, V. Asymptotic Lines on Ruled Surfaces having two Rectilinear Directrices. Read Aug. 19 and Oct. 29, 1898. *Bulletin of the American Mathematical Society*, vol. 5, No. 7, pp. 343-353; Apr., 1899.
- STONE, O. On the Solution of Delaunay's Canonical System of Equations. Read Dec. 28, 1898. *Astronomical Journal*, vol. 20, No. 2, pp. 9-10; Mar. 23, 1899.

- TABER, H. On the Transformations between two Symmetric or Alternate Bilinear Forms. Read Aug. 28, 1895. *The Mathematical Review*, vol. 1, No. 2, pp. 120-126 ; Apr., 1897.
- VAN VLECK, E. B. On Certain Differential Equations of the Second Order Allied to Hermite's Equation. Read Aug. 16, 1897. *American Journal of Mathematics*, vol. 21, No. 2, pp. 126-167 ; Apr., 1899.
- WILCZYNSKI, E. J. A Generalization of Appell's Factorial Functions. Read Dec. 28, 1898. *Bulletin of the American Mathematical Society*, vol. 5, No. 8, pp. 388-394 ; May, 1899.