

## SIXTH ANNUAL LIST OF PAPERS

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

- BÔCHER, M. On Certain Methods of Sturm and their Application to the Roots of Bessel's Functions. Read Feb. 27, 1897. *Bulletin of the American Mathematical Society*, vol. 3, No. 6, pp. 205-213; March, 1897.
- BROWN, E. W. The Theoretical Values of the Mean Motions of the Lunar Perigee and Node. Read Dec. 30, 1896. *Monthly Notices of the Royal Astronomical Society*, vol. 57, No. 5, pp. 332-349; March, 1897.
- DAVIS, E. W. On the Continuity of Chance. Read Sept. 1, 1896. *Nebraska University Studies*, vol. 2, No. 2, pp. 131-146; Jan., 1897.
- A Geometrical Picture of the Fifteen School Girl Problem. Read (Chicago) Jan. 1, 1897. *Annals of Mathematics*, vol. 11, No. 5, pp. 156-157; June, 1897.
- A Note on the Invariance of the Factors of Composition of a Group. Read (Chicago) Dec. 31, 1896. *American Journal of Mathematics*, vol. 19, No. 2, p. 191; April, 1897.
- DICKSON, L. E. The Analytic Representation of Substitutions on a Power of a Prime Number of Letters, with a Discussion of the Linear Group. Read Aug. 31, 1896. *Annals of Mathematics*, vol. 11, Nos. 3 and 4, pp. 65-120, Feb.-Apr., 1897.
- A Triply-Infinite System of Simple Groups. Read Aug. 31, 1896. *Quarterly Journal of Mathematics*, vol. 29, No. 114, pp. 167-178; July, 1897.
- Systems of Continuous and Discontinuous Simple Groups. Read April 24, 1897. *Bulletin of the American Mathematical Society*, vol. 3, No. 8, pp. 265-273; May, 1897.
- FISKE, T. S. Note on the Integration of a Uniformly Convergent Series Through an Infinite Interval. Read Jan. 30, 1897. *Bulletin of the American Mathematical Society*, vol. 3, No. 6, pp. 223-224; March, 1897.
- HILL, J. E. Bibliography of Surfaces and Twisted Curves. Read May 23, 1896. *Bulletin of the American Mathematical Society*, vol. 3, No. 4, pp. 133-146; Jan. 1897.
- HUTCHINSON, J. I. A Special Form of Quartic Surface. Read Aug. 31, 1897. *Annals of Mathematics*, vol. 2, No. 5, pp. 158-160; June, 1897.
- HYDE, E. W. Loci of the Equations  $p = \phi^u e$  and  $p = \phi^u \psi^v e$ . Read Aug. 31, 1896. *Zeitschrift für Mathematik und Physik*, vol. 42, No. 3, pp. 122-132; July, 1897.
- KLEIN, F. On the Stability of a Sleeping Top. Read (Princeton Meeting) Oct. 17, 1896. Abstract in *Bulletin of the American Mathematical Society*, vol. 3, No. 4, pp. 129-132; Jan. 1897. [Errata noted in vol. 3, No. 8, p. 292.]

- MCCLINTOCK, E. On the Most Perfect Forms of Magic Squares, with Methods for their Production. Read April 25, 1896. *American Journal of Mathematics*, vol. 19, No. 2, pp. 99-120; April, 1897.
- On a Solution of the Biquadratic which Combines the Method of Descartes and Euler. Read May 29, 1897. *Bulletin of the American Mathematical Society*, vol. 3, No. 10, pp. 389-390; July, 1897.
- MARTIN, A. Formulas for the sides of Rational Plane Triangles. Read Aug. 27, 1895. *Mathematical Magazine*, vol. 2, No. 11, pp. 221-236; [No. incomplete, undated.]
- A Method of Finding, Without Tables, the Number Corresponding to a Given Logarithm. Read Sept. 1, 1896. *Mathematical Magazine*, vol. 2, No. 11, pp. 237-240; [No. incomplete, undated.]
- MILLER, G. A. On the Transitive Substitution Groups whose Orders are the Products of Three Prime Numbers. Read Jan. 30, 1897. *Bulletin of the American Mathematical Society*, vol. 3, No. 6, pp. 213-222; March, 1897.
- MOORE, E. H. The Decomposition of Modular Systems of Rank  $n$  in  $n$  Variables. Read (Chicago) April 24, 1897. *Bulletin of the American Mathematical Society*, vol. 3, No. 10, pp. 372-380; July, 1897.
- OSGOOD, W. F. A Geometrical Method for the Treatment of Uniform Convergence and Certain Double Limits. Read Aug. 31, 1896. *Bulletin of the American Mathematical Society*, vol. 3, No. 2, pp. 59-86; Nov., 1896.
- Non-Uniform Convergence and the Integration of Series Term by Term. Read Aug. 31, 1896. *American Journal of Mathematics*, vol. 19, No. 2, pp. 155-190; April, 1897.
- PEIRCE, B. O. and WILLSON, R. W. Table of the First Forty Roots of the Bessel Equation  $J_0(x)=0$  with the Corresponding Values of  $J_1(x)$ . Read Sept. 1, 1896. *Bulletin of the American Mathematical Society*, vol. 3, No. 4, pp. 153-155; Jan., 1897.
- PIERPONT, J. P. On Modular Equations. Read March 27, 1897. *Bulletin of the American Mathematical Society*, vol. 3, No. 8, pp. 279-292; May, 1897.
- PORTER, M. B. On the Number of Roots of the Hypergeometric Senir Between Ten and One. Read March 27, 1897. *Bulletin of the American Mathematical Society*, vol. 3, No. 8, pp. 274-278; May, 1897.
- ROE, E. D. Two Developments. Read Jan. 30, 1897. *American Mathematical Monthly*, vol. 4, No. 3, pp. 82-86; March, 1897.
- SCOTT, C. A. On Cayley's Theory of the Absolute. Read Jan. 30, 1897. *Bulletin of the American Mathematical Society*, vol. 3, No. 7, pp. 235-246; April, 1897.
- SHAW, J. B. The Linear Vector Operator of Quaternions. Read Aug. 27, 1895. *American Journal of Mathematics*, vol. 19, No. 3, pp. 267-282; July, 1897.
- SNYDER, V. Criteria for the Reality of Nodes in Dupin's Cyclides, with a Corresponding Classification. Read Sept. 1, 1896. *Annals of Mathematics*, vol. 11, No. 5, pp. 137-147; June, 1897.
- Lines Common to Four Linear Complexes. Read Feb. 27, 1897. *Bulletin of the American Mathematical Society*, vol. 3, No. 7, pp. 247-250; April, 1897.

- TABER, H. Notes on the Theory of Bilinear Forms. Read Nov. 28, 1896. *Bulletin of the American Mathematical Society*, vol. 3, No. 4, pp. 156-164; Jan., 1897.
- WHITE, H. S. Numerically Regular Reticulations Upon Surfaces of Deficiency Higher than 1. Read Sept. 1, 1896. *Bulletin of the American Mathematical Society*, vol. 3, No. 3, pp. 116-121; Dec. 1896.
- The Cubic Resolvent of a Binary Quartic Derived by Invariant Definition and Process. Read (Chicago) Jan. 1, 1897. *Bulletin of the American Mathematical Society*, vol. 3, No. 7, pp. 250-253; April, 1897.
- WILLSON, R. W. and PEIRCE, B. O. Table of the First Forty Roots of the Bessel Equation  $J_0(x) = 0$ , with the Corresponding Values of  $J_1(x)$ . Read Sept. 1, 1896. *Bulletin of the American Mathematical Society*, vol. 3, No. 4, pp. 153-155; Jan., 1897.