THIRTEENTH ANNUAL LIST OF PAPERS

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

AMES, L. D.   On the Theorem of Analysis Situs relating to the Division
of the Plane or of Space by a Closed Curve or Surface.   Read Dec.
29, 1903.   *Bulletin of the American Mathematical Society*, vol. 10,
No. 6, pp. 301–305; Mar., 1904.

BLICHFELDT, H. F.   On the Order of Linear Homogeneous Groups.   Read
(San Francisco) April 25, 1903.   *Transactions of the American
Mathematical Society*, vol. 4, No. 4, pp. 387–397; Oct., 1903.

BLISS, G. A.   Jacobi's Criterion when both End-Points are Variable.
Read Aug. 31, 1903.   *Mathematische Annalen*, vol. 58, Nos. 1–2,
pp. 70–80; Dec., 1903.

—— An Existence Theorem for a Differential Equation of the Second
Order, with an Application to the Calculus of Variations.   Read
(Chicago) Dec. 31, 1903.   *Transactions of the American Mathe-
matical Society*, vol. 5, No. 2, pp. 113–125; Apr., 1904.

BREWSTER, Miss H. B.   Collineations of Space which leave Invariant
a Quadric Surface.   Read Sept. 3, 1903.   *Kansas University Sci-
ence Bulletin*, vol. 1, No. 11, pp. 281–302; Nov., 1902.

BROMWICH, T. J. I'A.   Similar Conics through Three Points.   Read
Sept. 1, 1903.   *Transactions of the American Mathematical Society*,
vol. 4, No. 4, pp. 489–492; Oct., 1903.

COLE, F. N.   On the Factoring of Large Numbers.   Read Oct. 31, 1903.
Bulletin of the American Mathematical Society, vol. 10, No. 3, pp.
134–137; Dec., 1903.

—— The Groups of Order $p^3 q\beta$.   Read Feb. 27, 1904.   *Transactions
of the American Mathematical Society*, vol. 5, No. 2, pp. 214–219;
Apr., 1904.

COLLINS, J. V.   A General Notation for Vector Analysis.   Read Sept.
2, 1902.   *American Mathematical Monthly*, vol. 10, Nos. 6–7, pp.
161–163; June–July, 1903.

CURTISS, D. R.   On the Invariants of a Homogeneous Quadratic Dif-
ferential Equation of the Second Order.   Read Dec. 27, 1901.
American Journal of Mathematics, vol. 25, No. 4, pp. 365–382; Oct.,
1903.

—— Binary Families in a Triply Connected Region, with Especial
Reference to Hypergeometric Families.   Read Aug. 31, 1903.
Memoirs of the American Academy of Arts and Sciences, vol. 13,
No. 1, pp. 1–59; Jan., 1904.

DICKSON, L. E.   On the Subgroups of Order a Power of p in the
Quaternary Abelian Group in the Galois Field of order p^n.   Read
Aug. 31, 1903.   *Transactions of the American Mathematical Society*,
vol. 4, No. 4, pp. 371–386; Oct., 1903.