

## FORTY-EIGHTH ANNUAL LIST OF PAPERS

READ BEFORE THE AMERICAN MATHEMATICAL SOCIETY AND SUBSEQUENTLY  
PUBLISHED, INCLUDING REFERENCE TO THE PLACES OF PUBLICATION

- Adams, C. R., and Clarkson, J. A. *The type of certain Borel sets in several Banach spaces*. Read Sept. 6, 1938. Transactions of this Society, vol. 45, no. 2 (March, 1939), pp. 322–334.
- Agnew, R. P. *Cores of complex sequences and of their transforms*. Read Feb. 26, 1938. American Journal of Mathematics, vol. 61, no. 1 (Jan., 1939), pp. 178–186.
- *On oscillations of real sequences and of their transforms by square matrices*. Read April 16, 1938. American Journal of Mathematics, vol. 61, no. 3 (July, 1939), pp. 683–699.
- *Properties of generalized definitions of limit*. Read Feb. 25, 1939. This Bulletin, vol. 45, no. 10 (Oct., 1939), pp. 689–730.
- Albert, A. A. *Structure of Algebras*. Read Dec. 30, 1938, Sept. 5, 6, 7 and 8, 1939. American Mathematical Society Colloquium Publications, vol. 24, 1939, 210 pp.
- Albert, G. E. *Asymptotic forms for a general class of hypergeometric functions with applications to the generalized Legendre functions*. Read Sept. 6 and Nov. 26, 1938. Duke Mathematical Journal, vol. 5, no. 2 (June, 1939), pp. 281–292.
- Aucoin, A. A., and Parker, W. V. *Diophantine equations whose members are homogeneous*. Read April 15, 1939. This Bulletin, vol. 45, no. 4 (April, 1939), pp. 330–333.
- Baer, Reinhold. *The significance of the system of subgroups for the structure of the group*. Read Sept. 6, 1938. American Journal of Mathematics, vol. 61, no. 1 (Jan., 1939), pp. 1–44.
- *Almost hamiltonian groups*. Read Nov. 26, 1938. Compositio Mathematica, vol. 6, no. 3 (April, 1939), pp. 382–406.
- *Groups with abelian norm quotient group*. Read Nov. 26, 1938. American Journal of Mathematics, vol. 61, no. 3 (July, 1939), pp. 700–708.
- *Nets and groups*. Read Nov. 25, 1938. Transactions of this Society, vol. 46, no. 1 (July, 1939), pp. 110–141.
- Baker, G. A. *The probability that the standard deviation of a second sample will differ from the standard deviation of a first sample by a certain multiple of the standard deviation of the first sample*. Read Sept. 13, 1935. Metron, vol. 13, no. 3 (Dec., 1938), pp. 49–53.
- Ballantine, J. P. *A certain quadratic diophantine invariant*. Read June 18, 1936. American Mathematical Monthly, vol. 46, no. 4 (April, 1939), pp. 203–208.
- Ballou, D. H. *On the location of the roots of real polynomial equations when two roots are equal*. Read Sept. 6, 1938. American Mathematical Monthly, vol. 46, no. 4 (April, 1939), pp. 209–212.
- Baten, W. D. *Concerning the distribution of the mean of  $r$  independent chance variables when each is subject to the frequency law  $\Gamma(p+q)(\Gamma(p)\Gamma(q))^{-1}x^{p-1}(1-x)^{q-1}$* . Read Jan. 2, 1936 and Sept. 6, 1938. National Mathematics Magazine, vol. 13, no. 8 (May, 1939), pp. 357–361.
- Beckenbach, E. F. See Reade, Maxwell.
- Bell, Clifford. *Plane curves with pseudo-rhamphoid cusps*. Read Nov. 26, 1938. Journal of the Indian Mathematical Society, vol. 3, no. 5 (March, 1939), pp. 193–197.
- Bell, E. T. *Reducible ternary arithmetical cubics*. Read April 3, 1937. Travaux de l'Institut Mathématique de Tbilissi, vol. 5 (1938), pp. 135–141.
- *Generalized Stirling transforms of sequences*. Read April 9, 1938. American Journal of Mathematics, vol. 61, no. 1 (Jan., 1939), pp. 89–101.