

THIRTY-FOURTH ANNUAL LIST OF PAPERS

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

- ALEXANDER, J. W. Topological invariants of manifolds. Read Oct. 25, 1924. *Proceedings of the National Academy of Sciences*, vol. 10, No. 12, pp. 493-494; Dec., 1924.
- BARNETT, I. A. On a class of transformations in function space. Read April 14, 1923. *Annals of Mathematics*, (2), vol. 25, No. 3, pp. 205-220; March, 1924.
- Integro-differential equations. Read Dec. 29, 1923. *This Bulletin*, vol. 31, Nos. 5-6, pp. 263-265; May-June, 1925.
- BELL, E. T. Certain products involving the divisors of numbers. Read (San Francisco Section) April 5, 1924. *Bulletin of the Calcutta Mathematical Society*, vol. 15, No. 1, pp. 21-24; June, 1924.
- Theta functions and arithmetic. Read (San Francisco Section) April 7, 1923. *Annals of Mathematics*, (2), vol. 26, Nos. 1-2, pp. 79-87; Sept.-Dec., 1924.
- Representations of integers in certain binary, ternary, quaternary and quinary quadratic forms and allied class number relations. Read Dec. 27, 1923. *Annals of Mathematics*, (2), vol. 26, Nos. 1-2, pp. 155-164; Sept.-Dec., 1924.
- Notes on recurring series of the third order. Read (San Francisco Section) Sept. 18, 1923. *Tôhoku Mathematical Journal*, vol. 24, Nos. 1-2, pp. 168-184; Dec., 1924.
- On the number of representations of an integer as a sum or difference of two cubes. Read (San Francisco Section) June 19, 1925. *This Bulletin*, vol. 31, No. 7, pp. 309-312; July, 1925.
- BENNETT, A. A. Five axioms for point and translation in affine geometry. Read Dec. 30, 1924. *This Bulletin*, vol. 30, Nos. 9-10, pp. 520-526; Nov.-Dec., 1924.
- On sets of three consecutive integers which are quadratic residues of primes. Read April 10, 1925. *This Bulletin*, vol. 31, No. 8, pp. 411-412; Oct., 1925.
- BLISS, G. A. Algebraic functions and their divisors. Read April 19, 1924. *Annals of Mathematics*, (2), vol. 26, Nos. 1-2, pp. 95-124; Sept.-Dec., 1924.
- BRINKMANN, H. W. Einstein spaces which are mapped conformally on each other. Read April 28, 1923. *Mathematische Annalen*, vol. 94, Nos. 1-2, pp. 119-145; April, 1925.
- BROWN, B. H. Contact transformations linear in x, y, z ; applications to equilog transformations. Read Dec. 27, 1922. *Annals of Mathematics*, (2), vol. 26, Nos. 1-2, pp. 1-7; Sept.-Dec., 1924.
- CAJORI, F. Empirical generalizations on the growth of mathematical notations. Read (San Francisco Section) Sept. 18, 1923. *Isis*, vol. 6, No. 3, pp. 391-394; 1924.
- Note on our sign of equality. Read (San Francisco Section) April 5, 1924. *Isis*, vol. 6, No. 4, pp. 507-508; 1924.

- CAJORI, F. Notes on Luca Pacioli's "Summa." Read (San Francisco Section) April 5, 1924. *Archivio di Storia della Scienza*, vol. 5, No. 2, pp. 125-130; June, 1924.
- Despiau's Select Amusements. Read (San Francisco Section) April 5, 1924. *Mathematical Gazette*, vol. 12, No. 172, p. 216; Oct., 1924.
- Fanciful hypotheses on the origin of the numeral forms. Read (San Francisco Section) Oct. 25, 1924. *Mathematics Teacher*, vol. 18, No. 3, pp. 129-133; March, 1925.
- Early printed forms of our dollar mark. Read (San Francisco Section) April 4, 1925. *School and Society*, vol. 21, No. 543, pp. 625-626; May 23, 1925.
- CAMP, B. H. Probability integrals for a hypergeometric series. Read Oct. 25, 1924. *Biometrika*, vol. 17, Nos. 1-2, pp. 61-67; June, 1925.
- CARIS, P. A. A solution of the quadratic congruence modulo p , $p = 8n + 1$, n odd. Read April 10, 1925. *American Mathematical Monthly*, vol. 32, No. 6, pp. 294-299; June-July, 1925.
- CARPENTER, A. F. Projective properties of a ruled surface in the neighborhood of a ruling. Read (San Francisco Section) Sept. 18, 1923, and (San Francisco Section) Dec. 22, 1923. *American Journal of Mathematics*, vol. 46, No. 4, pp. 241-257; Oct., 1924.
- Cone-cubic configurations of a ruled surface. Read (San Francisco Section) April 5, 1924. *Transactions of this Society*, vol. 27, No. 4, pp. 397-415; Oct., 1925.
- CASTELLANI, M. Algebraic surfaces with reducible bitangent and osculating hyperplanar sections. Read May 2, 1925. *Transactions of this Society*, vol. 27, No. 3, pp. 279-286; July, 1925.
- CHURCH, A. On irredundant sets of postulates. Read Dec. 30, 1924. *Transactions of this Society*, vol. 27, No. 3, pp. 318-328; July, 1925.
- CUMMINGS, L. D. A new type of double sextette closed under a binary (3,3) correspondence. Read Oct. 25, 1924. *This Bulletin*, vol. 31, Nos. 5-6, pp. 266-274; May-June, 1925.
- DAVIS, H. T. An extension of the problem of the elastic bar. Read Dec. 29, 1922, and Dec. 26, 1924. *American Journal of Mathematics*, vol. 47, No. 2, pp. 101-120; April, 1925.
- DICKSON, L. E. Differential equations from the group standpoint. Read April 15, 1922. *Annals of Mathematics*, (2), vol. 25, No. 4, pp. 287-378; June, 1924.
- DODD, E. L. The frequency law of a function of one variable. Read Dec. 30, 1924. *This Bulletin*, vol. 31, Nos. 1-2, pp. 27-31; Jan.-Feb., 1925.
- DOUGLAS, J. A criterion for the conformal equivalence of a Riemann space to a euclidean space. Read Oct. 27, 1923. *Transactions of this Society*, vol. 27, No. 3, pp. 299-306; July, 1925.
- EDINGTON, W. E. On an infinite system of non-abelian groups of order nm^n . Read Dec. 29, 1922. *Annals of Mathematics*, (2), vol. 26, No. 3, pp. 233-238; March, 1925.
- ETESLAND, J. The group of motions of an Einstein space. Read March 26, 1921, Sept. 8, 1921, and Sept. 7, 1923. *Transactions of this Society*, vol. 27, No. 2, pp. 213-245; April, 1925.
- EISENHART, L. P. Fields of parallel vectors in a Riemannian geometry. Read Feb. 28, 1925. *Transactions of this Society*, vol. 27, No. 4, pp. 563-573; Oct., 1925.

- EMCH, A. On plane algebraic curves which remain invariant under a quadratic Cremona transformation, their classification, and relation to the Cayley cubic surface. Read Dec. 28, 1921. *Tôhoku Mathematical Journal*, vol. 24, Nos. 1-2, pp. 68-87; Dec., 1924.
- Determination of plane algebraic curves which are invariant under involutory Cremona transformations. Read April 10, 1925. *Tôhoku Mathematical Journal*, vol. 25, Nos. 1-2, pp. 63-76; May, 1925.
- On the Weddle surface and analogous loci. Read Dec. 29, 1923. *Transactions of this Society*, vol. 27, No. 3, pp. 270-278; July, 1925.
- FORD, L. R. On the closeness of approach of complex rational fractions to a complex irrational number. Read April 24, 1920. *Transactions of this Society*, vol. 27, No. 2, pp. 146-154; April, 1925.
- The fundamental region of a Fuchsian group. Read Sept. 11, 1925. *This Bulletin*, vol. 31, Nos. 9-10, pp. 531-539; Nov.-Dec., 1925.
- FRANKLIN, P. Analytic transformations of everywhere dense point sets. Read May 3, 1924. *Transactions of this Society*, vol. 27, No. 1, pp. 91-100; Jan., 1925.
- The rotating disc. Read Oct. 25, 1924. *Proceedings of the National Academy of Sciences*, vol. 11, No. 2, pp. 147-149; Feb., 1925.
- Functions with an essential singularity. Read May 3, 1924. *This Bulletin*, vol. 31, Nos. 3-4, pp. 157-162; March-April, 1925.
- The electric currents in a network. Read Oct. 25, 1924. *Journal of Mathematics and Physics of the Massachusetts Institute of Technology*, vol. 4, No. 2, pp. 97-102; April, 1925.
- The Weierstrass approximation theorem. Read Dec. 30, 1924. *Journal of Mathematics and Physics of the Massachusetts Institute of Technology*, vol. 4, No. 3, pp. 148-152; May, 1925.
- GARABEDIAN, C. A. Quatre méthodes pour résoudre le problème de la poutre rectangulaire. Read Oct. 25, 1924. *Comptes Rendus de l'Académie des Sciences*, vol. 179, No. 7, pp. 381-384; Aug. 18, 1924.
- Rods of constant or variable cross section. Read April 28, 1923. *American Journal of Mathematics*, vol. 46, No. 4, pp. 273-287; Oct., 1924.
- Solution du problème de la plaque rectangulaire épaisse encastrée ou posée, portant une charge uniformément répartie ou concentrée en son centre. Read Feb. 28, 1925. *Comptes Rendus de l'Académie des Sciences*, vol. 180, No. 4, pp. 257-259; Jan. 26, 1925.
- GLENN, O. E. A note on the abundance of differential combinants in a fundamental system. Read May 3, 1924. *Proceedings of the National Academy of Sciences*, vol. 11, No. 6, pp. 281-284; June, 1925.
- GRAUSTEIN, W. C. Real representations of analytic complex curves. Read Sept. 7, 1922. *Annals of Mathematics*, (2), vol. 26, Nos. 1-2, pp. 131-143; Sept.-Dec., 1924.
- GRIFFITHS, L. W. Contact curves of the rational plane cubic. Read (San Francisco Section) Dec. 22, 1923. *This Bulletin*, vol. 31, No. 7, pp. 312-317; July, 1925.
- GRONWALL, T. H. The mutual inductance of two square coils. Read April 28, 1923. *Transactions of this Society*, vol. 27, No. 4, pp. 516-536; Oct., 1925.
- HANCOCK, H. The foundations of the theory of algebraic numbers. Read Dec. 31, 1924. *Science*, new ser., vol. 61, No. 1566, pp. 5-10, and No. 1567, pp. 30-35; Jan. 2 and Jan. 9, 1925.

- HEDRICK, E. R., and INGOLD, L. Analytic functions in three dimensions. Read Sept. 7, 1923. *Transactions of this Society*, vol. 27, No. 4, pp. 551-555; Oct., 1925.
- The Beltrami equations in three dimensions. Read (Southwestern Section) Dec. 1, 1923. *Transactions of this Society*, vol. 27, No. 4, pp. 556-562; Oct., 1925.
- HENDERSON, A. Is the universe finite? Read Jan. 1, 1925. *American Mathematical Monthly*, vol. 32, No. 5, pp. 213-223; May, 1925.
- HENDERSON, R. Life insurance as a social service and as a mathematical problem. Read Dec. 30, 1924. *This Bulletin*, vol. 31, Nos. 5-6, pp. 227-252; May-June, 1925.
- HILLE, E. Note on Dirichlet's series with complex exponents. Read April 28, 1923. *Annals of Mathematics*, (2), vol. 25, No. 3, pp. 261-278; March, 1924.
- A general type of singular points. Read Oct. 25, 1924. *Proceedings of the National Academy of Sciences*, vol. 10, No. 12, pp. 488-493; Dec., 1924.
- On the zeros of the functions of the parabolic cylinder. Read Dec. 27, 1923. *Arkiv for Matematik, Astronomi och Fysik*, vol. 18, No. 26, pp. 1-56; Jan., 1925.
- A note on regular singular points. Read Oct. 25, 1924. *Arkiv for Matematik, Astronomi och Fysik*, vol. 19 A, No. 2, pp. 1-21; April, 1925.
- HOLLCROFT, T. R. Maximal cuspidal curves. Read Feb. 25, 1922. *Annals of Mathematics*, (2), vol. 26, Nos. 1-2, pp. 37-46; Sept.-Dec., 1924.
- Limits for actual double points of space curves. Read Feb. 24, 1923. *This Bulletin*, vol. 31, Nos. 1-2, pp. 42-55; Jan.-Feb., 1925.
- HOPKINS, L. A. On periodic orbits for the characteristic planets. Read Sept. 7, 1920. *Astronomical Journal*, vol. 36, Nos. 4-5, pp. 25-33; Nov. 11, 1924.
- HOTELLING, H. Three-dimensional manifolds of states of motion. Read (San Francisco Section) Oct. 25, 1924. *Transactions of this Society*, vol. 27, No. 3, pp. 329-344; July, 1925.
- HUBER, C. M. On the prime divisors of the cyclotomic functions. Read Oct. 25, 1924. *Transactions of this Society*, vol. 27, No. 1, pp. 43-48; Jan., 1925.
- HURWITZ, W. A. Characteristic parameter values for an integral equation. Read Dec. 30, 1924. *This Bulletin*, vol. 31, Nos. 9-10, pp. 503-508; Nov.-Dec., 1925.
- HUTCHINSON, J. I. On the roots of the Riemann zeta function. Read Oct. 25, 1924. *Transactions of this Society*, vol. 27, No. 1, pp. 49-60; Jan., 1925.
- INGOLD, L. Associated types of linear connection. Read April 11, 1925. *Proceedings of the National Academy of Sciences*, vol. 11, No. 5, pp. 252-256; May, 1925.
- A symbolic treatment of the geometry of hyperspace. Read (Southwestern Section) Dec. 1, 1923. *Transactions of this Society*, vol. 27, No. 4, pp. 574-599; Oct., 1925.
- See HEDRICK, E. R.

- INGRAHAM, M. H. A general theory of linear sets. Read April 11, 1925. *Transactions of this Society*, vol. 27, No. 2, pp. 163-196; April, 1925.
- JACKSON, D. On the method of least m th powers for a set of simultaneous equations. Read Dec. 30, 1920. *Annals of Mathematics*, (2), vol. 25, No. 3, pp. 185-192; March, 1924.
- A general class of problems in approximation. Read Dec. 29, 1922. *American Journal of Mathematics*, vol. 46, No. 4, pp. 215-234; Oct., 1924.
- On the trigonometric representation of an ill-defined function. Read Dec. 30, 1920. *Annals of Mathematics*, (2), vol. 26, Nos. 1-2, pp. 8-20; Sept.-Dec., 1924.
- The elementary geometry of function space. Read April 19, 1924. *American Mathematical Monthly*, vol. 31, No. 10, pp. 461-471; Dec., 1924.
- The geometry of frequency functions. Read Oct. 25, 1924. *This Bulletin*, vol. 31, Nos. 1-2, pp. 63-73; Jan.-Feb., 1925.
- JAMES, G. An algebraically reducible solution of the cubic equation. Read Feb. 28, 1925. *American Mathematical Monthly*, vol. 32, No. 4, pp. 162-169; April, 1925.
- KASNER, E. An algebraic solution of the Einstein equations. Read Oct. 29, 1921. *Transactions of this Society*, vol. 27, No. 1, pp. 101-105; Jan., 1925.
- Separable quadratic differential forms and Einstein solutions. Read May 3, 1924. *Proceedings of the National Academy of Sciences*, vol. 11, No. 1, pp. 95-96; Jan., 1925.
- Solutions of the Einstein equations involving functions of only one variable. Read Sept. 7, 1921. *Transactions of this Society*, vol. 27, No. 2, pp. 155-162; April, 1925.
- KEMPNER, A. J. Polynomials of several variables and their residue systems. Read Dec. 26, 1924. *Transactions of this Society*, vol. 27, No. 3, pp. 287-298; July, 1925.
- KEYSER, C. J. Concerning groups of dyadic relations of an arbitrary field. Read April 26, 1919. *Fundamenta Mathematicae*, vol. 7, pp. 323-339; 1925.
- KLINE, J. R. Concerning the complementary intervals of countable closed sets. Read Oct. 25, 1924. *This Bulletin*, vol. 31, No. 8, pp. 409-410; Oct., 1925.
- Concerning the sum of two continua each irreducible between the same pair of points. Read May 3, 1924. *Fundamenta Mathematicae*, vol. 7, pp. 314-322; 1925.
- LEHMER, D. N. A new method of factorization. Read (San Francisco Section) April 4, 1925. *Proceedings of the National Academy of Sciences*, vol. 11, No. 1, pp. 97-98; Jan., 1925.
- Note on the construction of tables of linear forms. Read (San Francisco Section) June 19, 1925. *This Bulletin*, vol. 31, Nos. 9-10, pp. 497-498; Nov.-Dec., 1925.
- LEVY, H. Normal congruences of curves in Riemann space. Read April 28, 1923. *This Bulletin*, vol. 31, Nos. 1-2, pp. 39-42; Jan.-Feb., 1925.
- Ricci's coefficients of rotation. Read May 3, 1924. *This Bulletin*, vol. 31, Nos. 3-4, pp. 142-145; March-April, 1925.

- LIBMAN, E. E. The linear complex of conics. Read Feb. 28, 1925. *Transactions of this Society*, vol. 27, No. 3, pp. 265-269; July, 1925.
- LOGSDON, M. I. Complete groups of points on a plane cubic curve. Read Dec. 29, 1922. *Transactions of this Society*, vol. 27, No. 4, pp. 474-490; Oct., 1925.
- MACDUFFEE, C. C. On the complete independence of the functional equations of involution. Read April 28, 1923. *This Bulletin*, vol. 31, Nos. 1-2, pp. 21-26; Jan.-Feb., 1925.
- MACMILLAN, W. D. Some mathematical aspects of cosmology. Read April 10, 1925. *Science*, new ser., vol. 62, No. 1595, pp. 63-72, No. 1596, pp. 96-99, and No. 1597, pp. 121-127; July 24, July 31, and Aug. 7, 1925.
- MARCH, H. W. Deflection of a rectangular plate fixed at the edges. Read Dec. 29, 1923. *Transactions of this Society*, vol. 27, No. 3, pp. 307-317; July, 1925.
- MERRIMAN, G. M. On certain theorems regarding summable series and their application to the double and triple Fourier's series. Read Dec. 28, 1923, and Dec. 29, 1924. *American Journal of Mathematics*, vol. 47, No. 2, pp. 125-139; April, 1925.
- MICHAL, A. D. Functionals of curves admitting one-parameter groups of infinitesimal point transformations. Read Dec. 28, 1923. *Proceedings of the National Academy of Sciences*, vol. 11, No. 1, pp. 98-101; Jan., 1925.
- Integro-differential expressions invariant under Volterra's group of transformations. Read April 28, 1923. *Annals of Mathematics*, (2), vol. 26, No. 3, pp. 181-201; March, 1925.
- Functional invariants, with a continuity of order p , of one-parameter Fredholm and Volterra transformation groups. Read Oct. 25, 1924. *This Bulletin*, vol. 31, No. 7, pp. 335-346; July, 1925.
- MILLER, G. A. The subgroup composed of the substitutions which omit a letter of a transitive group. Read Dec. 26, 1924. *Transactions of this Society*, vol. 27, No. 2, pp. 137-145; April, 1925.
- MOORE, C. L. E. Minimal varieties of two or three dimensions whose element of arc is a perfect square. Read Feb. 28, 1925. *Journal of Mathematics and Physics of the Massachusetts Institute of Technology*, vol. 4, No. 3, pp. 167-178; May, 1925.
- MOORE, C. N. On the application of Borel's method to the summation of Fourier's series. Read Dec. 29, 1924. *Proceedings of the National Academy of Sciences*, vol. 11, No. 6, pp. 284-287; June, 1925.
- MOORE, R. L. Concerning upper semi-continuous collections of continua which do not separate a given continuum. Read (Southwestern Section) Nov. 29, 1924. *Proceedings of the National Academy of Sciences*, vol. 10, No. 8, pp. 356-360; Aug., 1924.
- Concerning sets of segments which cover a point set in the Vitali sense. Read (Southwestern Section) Nov. 29, 1924. *Proceedings of the National Academy of Sciences*, vol. 10, No. 11, pp. 464-467; Nov., 1924.
- Concerning the prime parts of a continuum. Read Sept. 7, 1923. *Mathematische Zeitschrift*, vol. 22, Nos. 3-4, pp. 307-315; Feb., 1925.
- A characterization of a continuous curve. Read May 3, 1924. *Fundamenta Mathematicae*, vol. 7, pp. 302-307; 1925.

- MOORE, R. L. Concerning the separation of point sets by curves. Read Sept. 10, 1925. *Proceedings of the National Academy of Sciences*, vol. 11, No. 8, pp. 469-476; Aug., 1925.
- Concerning upper semi-continuous collections of continua. Read Dec. 30, 1924. *Transactions of this Society*, vol. 27, No. 4, pp. 416-428; Oct., 1925.
- MORITZ, R. E. On the kinematic construction of certain higher plane curves. Read (San Francisco Section) April 4, 1925. *American Mathematical Monthly*, vol. 32, No. 6, pp. 302-305; June-July, 1925.
- MORSE, M. Relations between the critical points of a real function of n independent variables. Read Dec. 28, 1923. *Transactions of this Society*, vol. 27, No. 3, pp. 345-396; July, 1925.
- MURNAGHAN, F. D. The tensor character of the generalized Kronecker symbol. Read March 1, 1924. *This Bulletin*, vol. 31, No. 7, pp. 323-329; July, 1925.
- MURRAY, F. H. Generalization of certain theorems of Bohl. Read March 1, 1924. *American Journal of Mathematics*, vol. 47, No. 1, pp. 25-44; Jan., 1925.
- OLSON, H. L. Congruences with constant absolute invariants. Read Feb. 28, 1925. *Transactions of this Society*, vol. 27, No. 1, pp. 15-42; Jan., 1925.
- OSGOOD, W. F. On normal forms of differential equations. Read Feb. 28, 1925. *Transactions of this Society*, vol. 27, No. 1, pp. 1-14; Jan., 1925.
- PUPIN, M. I. From chaos to cosmos. Read Feb. 29, 1924. *Scribner's Magazine*, vol. 76, No. 1, pp. 3-10; July, 1924.
- RAINICH, G. Y. Electrodynamics in the general relativity theory. Read Feb. 24, 1923, Dec. 27, 1923, March 1, 1924, May 3, 1924, and Oct. 25, 1924. *Transactions of this Society*, vol. 27, No. 1, pp. 106-136; Jan., 1925.
- Second paper on tensor analysis. Read March 1, 1924. *American Journal of Mathematics*, vol. 47, No. 1, pp. 11-24; Jan., 1925.
- Sur une représentation des surfaces. Read Dec. 29, 1924. *Comptes Rendus de l'Académie des Sciences*, vol. 180, No. 11, pp. 801-803; March 16, 1925.
- REILLY, J. F. Certain generalizations of osculatory interpolation. Read April 14, 1922. *The Record, American Institute of Actuaries*, vol. 13, No. 1, pp. 4-22; June, 1924.
- On Lidstone's demonstration of the osculatory interpolation formula. Read (Southwestern Section) Nov. 29, 1924. *The Record, American Institute of Actuaries*, vol. 14, No. 1, pp. 12-20; June, 1925.
- REINSCH, B. P. Expansion problems in connection with the hypergeometric differential equation. Read April 19, 1924. *American Journal of Mathematics*, vol. 47, No. 1, pp. 45-70; Jan., 1925.
- RIETZ, H. L. On the representation of a certain fundamental law of probability. Read April 13, 1923. *Transactions of this Society*, vol. 27, No. 2, pp. 197-212; April, 1925.
- RITT, J. F. Note on Dirichlet's series with complex exponents. Read Dec. 28, 1923. *Annals of Mathematics*, (2), vol. 26, Nos. 1-2, p. 144; Sept.-Dec., 1924.

- RITT, J. F. Elementary functions and their inverses. Read Oct. 25, 1924. *Transactions of this Society*, vol. 27, No. 1, pp. 68-90; Jan., 1925.
- New proofs of two well known theorems on quadratic forms. Read March 1, 1924. *Annals of Mathematics*, (2), vol. 26, No. 3, pp. 202-204; March, 1925.
- ROE, E. D. Integral functions as products. Read Sept. 5, 1917. *Publications of the Roe Observatory*, No. 1, pp. 1-6; Jan., 1924.
- ROEVER, W. H. Some phases of descriptive geometry. Read (Southwestern Section) Nov. 29, 1924. *This Bulletin*, vol. 31, Nos. 9-10, pp. 540-550; Nov.-Dec., 1925.
- ROMIG, H. G. Early history of division by zero. Read (San Francisco Section) Sept. 18, 1923. *American Mathematical Monthly*, vol. 31, No. 8, pp. 387-389; Oct., 1924.
- SCHOOTEN, J. A. On the conditions of integrability of covariant differential equations. Read Sept. 10, 1925. *Transactions of this Society*, vol. 27, No. 4, pp. 441-473; Oct., 1925.
- SHOHAT, J. A. On the development of a continuous function into a series of Tchebycheff polynomials. Read April 19, 1924. *Transactions of this Society*, vol. 27, No. 4, pp. 537-550; Oct., 1925.
- On the polynomial of the best approximation to a given continuous function. Read Dec. 26, 1924. *This Bulletin*, vol. 31, Nos. 9-10; pp. 509-514; Nov.-Dec., 1925.
- SMALL, L. L. History and synopsis of the theory of summable infinite processes. Read (San Francisco Section) June 18, 1920, and (San Francisco Section) April 7, 1923. *University of Oregon Publication*, vol. 2, No. 8, 6+175 pp.; Feb., 1925.
- SMITH, H. L. On the existence of the Stieltjes integral. Read Dec. 29, 1923. *Transactions of this Society*, vol. 27, No. 4, pp. 491-515; Oct., 1925.
- SNYDER, V. On the types of monoidal involutions. Read Dec. 27, 1923. *Annals of Mathematics*, (2), vol. 25, No. 3, pp. 279-284; March, 1924.
- Non-monoidal involutions which contain a web of invariant monoids. Read April 18, 1924. *Annals of Mathematics*, (2), vol. 26, No. 3, pp. 165-172; March, 1925.
- STONE, M. H. On the order of an analytic function at a singular point. Read March 1, 1924. *Annals of Mathematics*, (2), vol. 26, Nos. 1-2, pp. 145-154; Sept.-Dec., 1924.
- SYNGE, J. L. A generalization of the Riemannian line-element. Read Dec. 30, 1924. *Transactions of this Society*, vol. 27, No. 1, pp. 61-67; Jan., 1925.
- TAYLOR, J. H. A generalization of Levi-Civita's parallelism and the Frenet formulas. Read April 19, 1924. *Transactions of this Society*, vol. 27, No. 2, pp. 246-264; April, 1925.
- Reduction of Euler's equations to a canonical form. Read Oct. 25, 1924. *This Bulletin*, vol. 31, Nos. 5-6, pp. 257-262; May-June, 1925.
- THOMAS, J. M. Congruences of circles studied with reference to the surface of centers. Read Sept. 7, 1923. *Annals of Mathematics*, (2), vol. 25, No. 3, pp. 221-237; March, 1924.
- Note on the projective geometry of paths. Read Feb. 28, 1925. *Proceedings of the National Academy of Sciences*, vol. 11, No. 4, pp. 207-209; April, 1925.

- THOMAS, J. M. Conformal correspondence of Riemann spaces. Read May 2, 1925. *Proceedings of the National Academy of Sciences*, vol. 11, No. 5, pp. 257-259; May, 1925.
- The number of even and odd absolute permutations of n letters. Read Feb. 28, 1925. *This Bulletin*, vol. 31, No. 7, pp. 303-304; July, 1925.
- See VEBLEN, O.
- VANDIVER, H. S. A new type of criteria for the first case of Fermat's last theorem. Read Sept. 7, 1923. *Annals of Mathematics*, (2), vol. 26, Nos. 1-2, pp. 88-94; Sept.-Dez., 1924.
- On sets of three consecutive integers which are quadratic or cubic residues of primes. Read Dec. 29, 1923. *This Bulletin*, vol. 31, Nos. 1-2, pp. 33-38; Jan.-Feb., 1925.
- A property of cyclotomic integers and its relation to Fermat's last theorem. (Second paper.) Read April 24, 1915, and April 27, 1918. *Annals of Mathematics*, (2), vol. 26, No. 3, pp. 217-232; March, 1925.
- On the power characters of units in a cyclotomic field. Read Dec. 28, 1916. *American Journal of Mathematics*, vol. 47, No. 2, pp. 140-147; April, 1925.
- Laws of reciprocity and the first case of Fermat's last theorem. Read Sept. 11, 1925. *Proceedings of the National Academy of Sciences*, vol. 11, No. 6, pp. 292-298; June, 1925.
- On the distribution of quadratic and higher residues. Read Oct. 28, 1916. *This Bulletin*, vol. 31, No. 7, pp. 346-350; July, 1925.
- VEBLEN, O. Remarks on the foundations of geometry. Read Dec. 31, 1924. *This Bulletin*, vol. 31, Nos. 3-4, pp. 121-141; March-April, 1925.
- VEBLEN, O., and THOMAS, J. M. Projective normal coordinates for the geometry of paths. Read May 2, 1925. *Proceedings of the National Academy of Sciences*, vol. 11, No. 4, pp. 204-207; April, 1925.
- WAHLIN, G. E. On the solution of diophantine equations by means of ideals. Read Dec. 26, 1924. *This Bulletin*, vol. 31, No. 8, pp. 430-444; Oct., 1925.
- WALSH, J. L. Some two-dimensional loci. Read Oct. 25, 1924. *Quarterly Journal of Pure and Applied Mathematics*, vol. 50, No. 2, pp. 154-165; Aug., 1924.
- On Pellet's theorem concerning the roots of a polynomial. Read Dec. 27, 1923. *Annals of Mathematics*, (2), vol. 26, Nos. 1-2, pp. 59-64; Sept.-Dec., 1924.
- WEDDERBURN, J. H. M. A theorem on simple algebras. Read May 3, 1924. *This Bulletin*, vol. 31, Nos. 1-2, pp. 11-13; Jan.-Feb., 1925.
- The absolute value of the product of two matrices. Read May 2, 1925. *This Bulletin*, vol. 31, No. 7, pp. 304-308; July, 1925.
- WEISNER, L. Groups in which the normaliser of every element except identity is abelian. Read Sept. 8, 1925. *This Bulletin*, vol. 31, No. 8, pp. 413-416; Oct., 1925.
- On the number of elements in a group which have a power in a given conjugate set. Read Feb. 28, 1925. *This Bulletin*, vol. 31, Nos. 9-10, pp. 492-496; Nov.-Dec., 1925.

