NOTES

The July, 1928, number of the Transactions of this Society (volume 30, No. 3) contains the following papers: *Transversality in space of three dimensions*, by E. Kasner; *On integral equations with discontinuous kernels*, by J. D. Tamarkin and R. E. Langer; *On approximation to an arbitrary function of a complex variable by polynomials*, by J. L. Walsh; *Transformations of nets*, by V. G. Grove; *Allgemeine Eigenschaften der Cantorschen Kohärenzen*, by M. Zarycki; *On the irregular cases of the linear ordinary difference equation*, by C. R. Adams; *On the convergence of quadrature formulas related to an infinite interval*, by J. V. Uspensky; *Second-order linear systems with summable coefficients*, by J. H. Sturdivant; *Concerning the arc curves and basic sets of a continuous curve*, by W. L. Ayres; *A solution of the matric equation $P(X) = A$*, by W. E. Roth; *Concerning the cut points of continua*, by G. T. Whyburn; *Some theorems on the connection between ideals and group of a Galois field*, by O. Ore.

The July, 1928, number of the American Journal of Mathematics (volume 50, No. 3) contains: *On hyperelliptic θ-functions with rational characteristics*, by O. Zariski; *Certain perfect groups generated by two operators of orders two and three*, by H. R. Brahana; *On triadic Cremona nets of of plane curves*, by F. Farnum; *Number relations between types of extremals joining a pair of points*, by D. E. Richmond; *An intrinsic treatment of Poisson's integral*, by F. W. Perkins; *On the invariant combinants of two binary quintics*, by T. W. Moore; *A boundary value problem of ordinary self-adjoint differential equations with singularities*, by M. C. Gray; *Nets of conics in the real domain*, by A. D. Campbell; *Rational tacnodal and oscnodal quartic curves considered as plane sections of quartic surfaces*, by L. T. Moore and J. H. Neelley.

The April, 1928, number of the Annals of Mathematics (series 2, volume 29, No. 2) contains: *The canonical form of a one-parameter group*, by P. Franklin; *A class of real quadratic forms in infinitely many variables*, by F. H. Murray; *The general geometry of paths*, by J. Douglas; *On a geometrical theory of continuous groups*. II. *Euclidean and hyperbolic groups of three-dimensional space*, by B. de Kerékjártó; *A method of numerical solution of the problem of Plateau*, by J. Douglas; *Minimizing two types of definite integral*, by P. R. Rider; *On two types of plane rational curve*, by H. Hilton; *A correspondence between matrices and quadratic ideals*, by C. C. MacDuffee; *A class of functional equations*, by E. Hille; *Definitions of abstract groups*, by G. A. Miller; *Concerning a set of metrical hypotheses for geometry*, by J. L. Dorroh; *Closed point sets on a manifold*, by S. Lefschetz.

A new Bulletin of the National Research Council series has recently appeared, entitled *Selected topics in algebraic geometry*. It contains chapters by A. B. Coble. A. Emch, S. Lefschetz, F. R. Sharpe, C. H. Sisam, and V. Snyder.