NOTES

The April, 1929, number of the Transactions of this Society (volume 31, No. 2) contains the following papers: *A note on closest approximation*, by D. Jackson; *Homogeneous polynomials with a multiplication theorem*, by O. C. Hazlett; *Generalized factorial series*, by T. Fort; *On extending a continuous* (1-1) *correspondence* (*second paper*, H. M. Gehman; *A determination of all normal division algebras in sixteen units*, by A. A. Albert; *Expansions in generalized Appell polynomials, and a class of related linear functional equations*, by I. M. Sheffer; *Systems of infinitely many linear differential equations of infinite order, with constant coefficients*, by I. M. Sheffer; *On general topology and the relation of the properties of the class of all continuous functions to the properties of space*, by E. W. Chittenden; *Properties of functions represented by the Dirichlet series* $\sum (a\nu+b)^{-s}$, *or by linear combinations of such series*, by J. I. Hutchinson; *Concerning zero-dimensional sets in euclidean space*, by R. L. Wilder; *On the linear partial q-difference equation of general type*, by C. R. Adams; *Les fonctions polygènes comme intégrales d'équations différentielles*, by G. Calugaréano.

The April, 1929, number of the American Journal of Mathematics (volume 51, No. 2) contains: *Singular points of vector fields under general boundary conditions*, by M. Morse; *A complete solution of Laplace's equation by an infinite hypervariable*, by P. W. Ketchum; *Functions with assigned initial values*, by W. J. Trjitzinsky; *The abstract identity of modular systems and ideals*, by D. Harkin; *Concerning the cut points of a continuous curve when the arc curve, AB, contains exactly N independent arcs*, by N. E. Rutt; *A direct treatment of systems of linear differential equations whose coefficients have uniform singularities*, by J. A. Nyswander; *On related difference and differential sytems*, by W. M. Whyburn; *On the motion of a rigid body about a fixed point in space of constant curvature*, by J. Pierpont; *On the prime ideals of the general cubic Galois field*, by C. G. Latimer; *On the problem of existence of algebraic functions of two variables possessing a given branch curve*, by O. Zariski.

The opening number of volume 30, series 2, of the Annals of Mathematics (December, 1928) contains: *On cubic fields*, by A. Arwin; *The impossibility of a separation of types of linear odd divisors of binary quadratic forms*, by R. G. Archibald; *A parametric problem of the calculus of variations and its treatment as a problem of Lagrange*, by L. H. McFarlan; *On the fundamental existence theorems for differential systems*, by W. M. Whyburn; *On a class of Taylor's series*, by P. L. Srivastava; *Quartic equations with certain groups*, by R. Garver; *Canonical forms of plane cubic curves under euclidean transformations*, by R. S. Burington and H. K. Holt; *On forms which repeat under multiplication*, by C. G. Latimer; *On the multiple solutions of the Pell equation*, by D. H. Lehmer; *On certain hitherto unsolved cases of the complex multiplication of elliptic functions*, by S. C. Mitra; *On the complex roots of a*