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The second (April) number of Volume II of the Transactions of the American Mathematical Society contains the following papers: "Canonical forms of quaternary abelian substitutions in an arbitrary Galois field," by L. E. Dickson; "Certain cases in which the vanishing of the Wronskian is a sufficient condition for linear dependence," by M. Bôcher; "An elementary proof of a theorem of Sturm," by M. BÔCHER; "On the determination of surfaces capable of conformal representation upon the plane in such a manner that geodetic lines are represented by algebraic curves," by H. F. STECKER; "On the existence of a minimum of the integral  $\int_{x_0}^{x_1} F(x, y, y') dx$  when  $x_0$  and  $x_1$  are conjugate points, and the geodesics on an ellipsoid of revolution; a revision of a theorem of Kneser's," by W. F. Osgood; "On the geometry of planes in a parabolic space of four dimensions," by I. Stringham.

The April number (second series, volume 2, number 3) of the Annals of Mathematics contains the following papers: "Sufficient conditions in the calculus of variations," by W. F. Osgood; "Lagrange's equation in the calculus of variations and the extension of a theorem of Erdmann," by J. K. Whittemore; "On some points in the theory of the hypergeometric function, expressed as a double circuit integral," by R. M. Hathaway; "A theorem in continued fractions," by D. N. Lehmer; "Note on the dual of a focal property of the inscribed ellipse," by R. E. Allardice; "A simplified solution of the cubic," by Emory McClintock.

At the regular meeting of the London mathematical society held on March 14, 1901, the following papers were read: "An account of some algebraical identities of simple arithmetical application," by Professor E. B. ELLIOTT; "Preliminary notice concerning the stability of motion," by Professor A. E. H. Love; "On the composition of group characteristics," by Professor W. Burnside; "On the use of Cauchy's principal values in the double limit problems of the integral calculus," by Mr. G. H. Hardy.

The following papers were read at the meeting of the Edinburgh mathematical society held on March 8, 1901: "Some elementary theorems regarding surds," by Professor G. Chrystal; "Note on the application of complex integra-