NOTES.

THE opening (January) number of volume 38 of the *American Journal of Mathematics* contains the following papers: "The oscillation of functions of an orthogonal set," by O. D. KELLOGG; "On some properties of the medians of closed continuous curves formed by analytic arcs," by ARNOLD EMCH; "Theorems on the groups of isomorphisms of certain groups," by L. C. MATHEWSON; "Self-projective rational sextics," by R. M. WINGER; "On linear difference and differential equations," by C. E. LOVE; "The uniform motion of a sphere through a viscous liquid," by R. W. BURGESS; "Note on the theory of optical images," by GEORGE STEIĆ.

AT the meeting of the London mathematical society on January 13 the following papers were read: "The transition from vapor to liquid when the range of the molecular attraction is sensible," by J. LARMOR; "A note on the uniform convergence of the Fourier series $\Sigma a_n \sin n\theta$" and "A condition for the validity of Taylor's expansion," by T. W. CHAUNDY.

AT the meeting of the Edinburgh mathematical society on January 14 the following papers were read: "On the continued fractions of Tchebychef and Laguerre," by H. DATTA; "The conformal representation of the quotient of two Bessel functions," by A. MILNE.

THE following Cambridge tracts in mathematics and mathematical physics are announced as in press, to appear in a few weeks: The Definite Integral, its Meaning and Fundamental Properties, by E. W. HOBSON; An Introduction to the Theory of Attractions, by T. J. I'A. BROMWICH; Pascal's Hexagon, by H. W. RICHMOND; Lemniscate Functions, by G. B. MATHEWS; Chapters on Algebraic Geometry, by F. H. BAKER; The Integrals of Algebraic Functions, by F. H. BAKER.

DARTMOUTH COLLEGE. The following courses in mathematics will be given in the summer session, July 16 to August 16: By Professor J. W. YOUNG: The reorganization of secondary school mathematics.—By Professor E. G. BILL: Plane analytical geometry; Projective geometry.