

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 $\sum a_n \sin n\theta$ " 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. P. 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.

THE University of Messina has been reopened with the following mathematical staff: V. MARTINETTI, professor of analytic geometry; Z. GIAMBELLI, formerly of the University of Cagliari, associate professor of projective and descriptive geometry; P. CALAPSO, of the University of Palermo, associate professor of algebra and analysis; E. LAURA, of the University of Turin, associate professor of mechanics and mathematical physics.

THE royal prize of 10,000 francs, conferred every six years by the Reale Accademia dei Lincei, has just been awarded to Professor FRANCESCO SEVERI, of the University of Padua, for his researches in algebraic geometry.

PROFESSOR G. H. BRYAN, of Bangor College, has been elected to an honorary fellowship in Peterhouse College, Cambridge.

PROFESSOR P. KOEBE, of the University of Jena, has been elected a corresponding member of the Göttingen academy.

PROFESSOR I. SCHUR, of the University of Bonn, has been appointed associate professor of mathematics at the University of Berlin, as successor to the late Professor KNOBLAUCH.

DR. A. FUNK has been appointed docent in mathematics at the German University of Prague.

DR. R. GRAMMEL has been appointed docent in mechanics at the technical school of Dantzig.

MR. C. GARLOUGH has been appointed instructor in mathematics at Wheaton College.

MISS S. F. RICHARDSON, assistant professor of mathematics in Vassar College, died February 2, 1916. Miss Richardson was a graduate of Vassar, and a member of the teaching staff since 1886. She became a member of the American Mathematical Society in 1905.

PROFESSOR J. W. R. DEDEKIND, of the technical school of Brunswick, died February 12, at the age of 83 years.