

NOTES.

At the annual meeting of the London mathematical society, held November 1, the following papers were read: By J. H. GRACE, "Tetrahedra in relation to spheres and quadrics"; by M. J. M. HILL, "The continuation of the hypergeometric series"; by W. H. YOUNG, "Restricted Fourier series and the convergence of power series"; by E. B. STOFFER, "Invariants and covariants of linear homogeneous differential equations"; by H. W. TURNBULL, "The simultaneous system of two quaternary quadratic forms." Professor H. M. MACDONALD was elected president, Professors H. HILTON and E. W. HOBSON and Sir J. LARMOR vice-presidents, and Dr. T. J. I'A. BROMWICH and MR. G. H. HARDY secretaries.

At the meeting of the Edinburgh mathematical society on November 9, the following papers were read: By W. P. MILNE, "The apolar locus of two tetrads of points on a conic"; by F. G. W. BROWN, "The Brocard and Tucker circles of a cyclic quadrilateral."

PROFESSOR G. A. GIBSON, of the University of Glasgow, has been elected one of the vice-presidents and Professor E. T. WHITTAKER, of the University of Edinburgh, one of the secretaries of the Royal Society of Edinburgh.

THE December number (volume 19, number 2) of the *Annals of Mathematics* contains the following papers: "Factorization of analytic functions of several variables," by W. F. OSGOOD; "An application of Fourier's series to probability," by D. F. BARROW; "Conjugate systems of curves both of whose Laplace transforms are lines of curvature," by J. M. STETSON; "A theorem on lattice-points," by A. J. KEMPNER; "On continuous representations of a square upon itself," by H. L. SMITH; "Roots and singular points of semi-analytic functions," by DUNHAM JACKSON; "Some properties of polynomial curves," by FRANK IRWIN and H. N. WRIGHT.

ON account of conditions due to the war, no Benjamin Peirce instructors will be appointed at Harvard this year.