

## NOTES.

AT the annual meeting of the London mathematical society held on November 14, the following officers were elected: W. BURNSIDE, president; A. E. H. LOVE and J. H. GRACE, secretaries; J. LARMOR, treasurer; two vice-presidents and ten other members of the council. The following papers were read: By J. H. MACLAGAN-WEDDERBURN, "On hyper-complex numbers"; by T. J. P. A. BROMWICH, "Addendum to a paper on the inversion of a repeated infinite integral"; by G. H. HARDY, "Generalization of a theorem in the theory of divergent series"; by W. H. YOUNG, "Uniform and non-uniform convergence and divergence of a series and the distinction between right and left"; by J. E. CAMPBELL, "Application of quaternions to the problem of the infinitesimal deformation of a surface"; by J. E. WRIGHT, "Nodal cubics through eight given points"; by H. F. BAKER, "Invariants of a binary quintic and the reality of its roots"; by E. W. BARNES, "On a transformation of hypergeometric series"; by M. J. M. HILL, "On a transformation of a certain hypergeometric series"; by J. E. LITTLEWOOD, "A general theorem of integral functions of order less than one half."

THE following parts of the *Encyklopädie der mathematischen Wissenschaften* are announced by Teubner of Leipzig to be in the press, and will probably appear during the winter: II, 1, A, 12, *Allgemeine Reihenentwickelungen*, by H. BURKHARDT; II, 2, B, 2a, *Arithmetische Theorie der algebraischen Funktionen*, by K. HENSEL; B, 3, *Elliptische Funktionen*, by J. HARKNESS and W. WIRTINGER; III, 2, C, 4, *Specielle ebene algebraische Kurven*, by G. KOHN; C, 5, *Allgemeine Theorie der höheren algebraischen Flächen*, by G. CASTELNUOVO and F. ENRIQUES; III, 3, D, 6b, *Andere Differentialgleichungen der Geometrie*, by C. GUICHARD; D, 7, *Berührungstransformationen*, by G. SCHEFFERS; IV, 1, Heft 4; IV, 1, Heft 2; IV, 2, Heft 4; IV, 2, Heft 2; V, 1, Heft 4; V, 2, Heft 3; VI, 2, Heft 2.

Of the French edition of the encyclopædia, I, 1<sub>3</sub>, I, 2<sub>1</sub>, I, 3<sub>2</sub> and I, 4<sub>2</sub> are in the press.

THE following additional works are in the press of Teubner; *Führer durch die mathematische Literatur für Studierende*, by F. MÜLLER; *Die Erfindung der Infinitesimalrechnung*, by G.