

NOTES.

THE opening (January) number of volume 9 of the *Transactions of the AMERICAN MATHEMATICAL SOCIETY* contains the following papers: "Certain periodic orbits of k finite bodies revolving about a relatively large central mass," by F. L. GRIFFIN; "Further note on Maclaurin's spheroid," by G. H. DARWIN; "Potential functions on the boundary of their regions of definition" and "Double distributions and the Dirichlet problem," by O. D. KELLOGG; "Groups defined by the orders of two generators and the order of their commutator," by G. A. MILLER; "Projective differential geometry of curved surfaces" (second memoir), by E. J. WILCZYNSKI.

THE opening (January) number of volume 30 of the *American Journal of Mathematics* contains the following papers: "Plane quintic curves which possess a group of linear transformations" and "On birational transformations of curves of high genus," by V. SNYDER; "Surfaces with the same spherical representation of their lines of curvature as spherical surfaces," by L. P. EISENHART; "On the factoring of composite hypercomplex number systems," by H. B. LEONARD; "A new method in geometry," by E. LASKER; "Groups generated by n operators each of which is the product of $n-1$ remaining ones," by G. A. MILLER.

AT the meeting of the London mathematical society held on December 12 the following papers were read: By S. T. SHOVELTON, "A formula in finite differences and its application to mechanical quadrature"; by A. E. H. LOVE, "Weierstrass's excess-function in the calculus of variations."

AT the Dresden meeting of the Deutsche Mathematiker Vereinigung Professor FELIX KLEIN was elected president for the current year, and also named official representative of the society at the fourth international congress of mathematicians, to be held in Rome in April. The present volume (17) of the *Jahresbericht* will have different pagination for the memoirs, from the part devoted to communications, notes, etc. A committee consisting of Mr. ACKERMANN-TEUBNER and Professor GUTZMER was appointed to consider ways and means of making