NOTES.

THE April number (volume 9, number 2) of the *Transactions* of the AMERICAN MATHEMATICAL SOCIETY contains the following papers : " Representations of the general symmetric group as linear groups in finite and infinite fields," by L. E. DICKSON ; " Surfaces with isothermal representation of their lines of curvature and their transformations," by L. P. EISENHART; " The equilong transformations of space," by J. L. COOLIDGE; "Concerning linear substitutions of finite period with rational coefficients," by A. RANUM ; " On hypercomplex number systems belonging to an arbitrary domain of rationality," by R. B. ALLEN ; " On the asymptotic character of the solution of certain linear differential equations containing a parameter," by G. D. BIRKHOFF; " On the holomorph of the cyclic group of order p^m," by G. A. MILLER ; " On non-measurable sets of points," by E. B. VAV VLECK.

THE April number (volume 30, number 2) of the *American Journal of Mathematics* contains : " Concerning systems of conics lying on cubic, quartic, and quintic surfaces," by C. H. SISAM ; " On the canonical forms and automorphs of ternary cubic forms," by L. E. DICKSON ; "The elliptic cylinder function of class K," by W. H. BUTTS ; " On elliptic modular equations for transformations of orders 29, 31, 37," by A. BERRY ; " On translation surfaces connected with a unicursal quartic," by J. EIESLAND.

AT the meeting of the London mathematical society held on March 12 the following papers were read : By E. B. ELLIOTT, " On the projective geometry of some covariants of a binary quintic " ; by W. H. YOUNG, " On the inequalities connecting the double and repeated upper and lower integrals of a function of two variables " ; by W. F. SHEPPARD, " On the operational expression of Taylor's theorem " ; by H. A. P. DE S. PITTARD, " A proof of a theorem of Fermat's " ; by M. J. M. HILL, " On a formula for the sum of a finite number of terms of the hypergeometric series, whose fourth element is unity."

THE summer meeting of the American association for the advancement of science will be held at Dartmouth College, Hanover, N. H., during the week beginning June 29.