NOTES.

A NEW edition of the Annual Register of the Society has been published, containing beside the usual information a complete catalogue of the periodicals contained in the Society's library. Copies of the Register have been mailed to the members and extra copies can be obtained from the Secretary.

The opening (January) number of volume 24 of the *American Journal of Mathematics* contains the following memoirs : " Cyclic subgroups of the simple ternary linear fractional group in a Galois field," L. E. DICKSON ; "Curves of triple curvature," by J. G. HARDY ; " Primary prime functions in several variables and a generalization of an important theorem of Dedekind," by HARRIS HANCOCK ; " The plane cubic curve in relation to the circular points at infinity," by R. A. ROBERTS ; " Peirce's linear associative algebra," by H. E. HAWKES ; "Groups defined by the orders of two generators and the order of their product," by G. A. MILLER.

The number contains a portrait of BENJAMIN PEIRCE.

THE January number (second series, volume 3, number 2) of the *Annals of Mathematics* contains the following papers : "Some applications of the method of abridged notation," by M. BÔCHER ; " On the roots of functions connected by a linear recurrent relation of the second order," by M. B. PORTER ; "Space of constant curvature," by F. S. WOODS.

AT THE regular meeting of the London mathematical society on December 12, 1901. Professor A. E. H. LOVE communicated a paper by Mr. J. H. MICHELL on the flexure of plates, and Lieut. Col. A. J. C. CUNNINGHAM gave a sketch of Euler's method of finding amicable numbers and announced two new primes. The preliminary programme for the January meeting of this year consisted of the following papers : " Non-uniform convergence and the integration of series," by the president, Dr. E. W. HOBSON ; "Network," by Mr. S. ROBERTS ; "On quartic curves with a triple point," by Mr. A. B. BASSET ; "On the integrals of the differential equation $du/\sqrt{f(u)} + dv/\sqrt{f(v)} = 0$, where $f(x) \equiv ax^4 + 4bx^3 + 6cx^2 + 4dx + e$, considered geometrically," by Professor W. SNOW BURNSIDE ; " On the fundamental theorem of differential equations," by Mr. W. H. YOUNG.