

NOTES

The second number of volume 26 of the TRANSACTIONS OF THIS SOCIETY (April, 1924) contains the following papers: *On the expansion of analytic functions in series of polynomials*, by J. L. Walsh; *Operations with respect to which the elements of a boolean algebra form a group*, by B. A. Bernstein; *Isometric W-surfaces*, by W. C. Graustein; *Space time continua of perfect fluids in general relativity*, by L. P. Eisenhart; *Equivalent rational substitutions*, by J. F. Ritt; *Extension of Bernstein's theorem to Sturm-Liouville sums*, by E. Carlson; *An existence theorem*, by E. Hille; *On the complete independence of the postulates for betweenness*, by W. E. Van de Walle; *A new set of postulates for betweenness, with proof of complete independence*, by E. V. Huntington.

The third number of volume 46 of the AMERICAN JOURNAL OF MATHEMATICS contains: *Geometric aspects of the abelian modular functions of genus four*, by A. B. Coble; *The curve of ambience*, by F. Morley; *On a class of invariant subgroups of the conformal and projective groups in function space*, by I. A. Barnett.

The second number of volume 25, series 2, of the ANNALS OF MATHEMATICS contains: *A contribution to the theory of closed chains*, by A. Arwin; *On the characterization of the set of points of λ -continuity*, by H. Blumberg; *On the Ampère-Cauchy derived functions*, by H. L. Smith; *Note on certain seminvariants of n -lines*, by L. P. Copeland; *The Fredholm theory of Stieltjes integral equations*, by C. A. Fischer; *Rectilinear congruences referred to special surfaces*, by M. C. Foster; *Parallel propagation of a vector around an infinitesimal circuit in an affine manifold*, by J. L. Synge.

In 1918 the Mathematical Society of Charkow found it impossible to continue the publication of its COMMUNICATIONS. After an interval of more than five years a new journal has now been founded, under the auspices of this Society and edited by Professor S. Bernstein; it is called SECTION MATHÉMATIQUE DES ANNALES SCIENTIFIQUES DES INSTITUTIONS SAVANTES DE L'UKRAINE.

Another new mathematical journal, ARCHIMEDE, RASSEGNA BIMESTRALE DI MATEMATICA, FISICA E INGEGNERIA, has recently been founded at Palermo, as the organ of the Società Universitaria di Scienze Matematiche. It is edited by G. Priulla.

At the meeting of the British Association for the Advancement of Science at Toronto in August, 1924, Professor Horace Lamb was elected president, for the meeting to be held in Southampton in 1925. Sir W. H. Bragg, as president of the section of mathematical and physical sciences, delivered an address on *Crystal structure*. On the