NOTES

The third Pan-American Scientific Congress will be held at Lima Peru, beginning December 20, 1924. The officers of Section II (Mathematical and Physical Sciences) are Vice-Admiral M. M. Carbajal, chairman, and Professor J. R. de la Puente, secretary. The chairman of Subsection 1 (Pure Mathematics, Rational Mechanics, Mathematical Physics) is Professor E. Villarán. Professors E. V. Huntington, of Harvard University, and D. N. Lehmer, of the University of California, have been appointed as the official delegates of the American Mathematical Society to the Congress, and will be in attendance.

The concluding number of volume 25 of the TRANSACTIONS OF THIS SOCIETY (October, 1923) contains the following papers: *Generalized limits in general analysis. Second paper*, by C. N. Moore; *The equilong transformations of euclidean space*, by B. H. Brown; *Invariant sets of equations in Riemann space*, by P. Franklin; *Some properties of spherical curves, with applications to the gyroscope*, by O. D. Kellogg; *The greatest and the least variate under general laws of error*, by E. L. Dodd; *The intersection numbers*, by O. Veblen; *The geometry of paths*, by O. Veblen and T. Y. Thomas. The opening number of volume 26 (January, 1924) contains: *An existence theorem for the characteristic numbers of a certain boundary value problem*, by H. T. Davis; *A theorem on the factorization of polynomials of a certain type*, by L. L. Dines; *A fundamental class of geodesics on any closed surface of genus greater than one*, by H. M. Morse; *The Hilbert integral and Mayer fields for the problem of Mayer in the calculus of variations*, by G. A. Larew; *Normal congruences and quadruply infinite systems of curves in space*, by J. Douglas; *The equivalence of certain regular transformations*, by L. L. Silverman; *Maclaurin expansion of the interpolation polynomial determined by $2n + 1$ evenly spaced points*, by G. Rutledge; *On covariants of linear algebras*, by C. C. MacDuffee; *A generalized problem in weighted approximation*, by D. Jackson.

The second number of volume 46 of the AMERICAN JOURNAL OF MATHEMATICS (April, 1924) contains: *Two-dimensional tensor analysis without coordinates*, by G. Y. Rainich; *Fractional operations as applied to a class of Volterra integral equations*, by H. T. Davis; *Representation of three-element algebras*, by B. A. Bernstein; *The Riemann adjoints of completely integrable systems of partial differential equations*, by C. A. Nelson; *Further types of involutorial transformations which leave each cubic surface of a web invariant*, by V. Snyder.