

NOTES

Mr. G. Y. Rainich, of Johns Hopkins University, and Professor J. F. Ritt, of Columbia University, have been appointed associate editors of the TRANSACTIONS OF THIS SOCIETY.

The following university courses for the academic year 1925-1926 are announced:

COLUMBIA UNIVERSITY.—By Professor T. S. Fiske: Fundamental concepts of mathematics; Differential equations.—By Professor F. N. Cole: Theory of groups.—By Professor C. J. Keyser: Modern theories in geometry; Introduction to mathematical philosophy (first semester).—By Professor D. E. Smith: History of mathematics, first and second courses (first semester); History of mathematics, advanced course (first semester); Seminar in the history of mathematics (first semester).—By Professor Edward Kasner: Seminar in differential geometry.—By Professor W. B. Fite: Differential equations.—By Professor J. F. Ritt: Elliptic functions (first semester); Advanced course in the theory of functions of a complex variable (second semester).—By Professor G. A. Pfeiffer: Analysis situs (second semester).—By Dr. M. H. Stone: Fourier series and related topics.

HARVARD UNIVERSITY.—By Professor W. F. Osgood: Advanced calculus; Functions of real variables; Linear differential equations of the second order, complex variables.—By Professor J. L. Coolidge: Subject matter of elementary mathematics; Probability; Algebraic plane curves.—By Professor E. V. Huntington: Fundamental concepts of mathematics.—By Professor O. D. Kellogg: Elementary theory of differential equations; Theory of potential functions; Dynamics (second course).—By Professor G. D. Birkhoff: Space, time, and relativity.—By Professor W. C. Graustein: Introduction to modern geometry; Projective geometry; Non-euclidean geometry.—By Dr. H. W. Brinkmann: Theory of functions; Partial differential equations of mathematical physics.—By Professor E. T. Bell (University of Washington): Theory of numbers.—By Dr. L. M. Graves (National Research Fellow): Calculus of variations.—By Mr. B. O. Koopman: Analytical theory of heat, problems in elastic vibrations; Modern methods in dynamics. Professor Bell and Dr. Brinkmann will conduct a fortnightly seminar in analysis and the theory of numbers. Courses of research are also offered by Professor Osgood in analysis, by Professor Coolidge in geometry, by Professor Kellogg in potential theory, by Professor Birkhoff in the theory of differential equations, by Professor Graustein in geometry, and by Dr. Brinkmann in the theory of groups.