## NOTES

The opening number of volume 28, series 2, of the Annals of Mathematics (December, 1926) contains: *On the problem of coloring maps in four colors*, I, by C. N. Reynolds; *Some theorems on deducibility*, by C. H. Langford; *Note on certain associated systems of linear equalities and inequalities*, by L. L. Dines; *Some further theorems concerning the formation of chains*, by A. Arwin; *Note on the extensions of groups to obtain nth roots*, by M. H. Ingraham; *Periodic solutions of linear differential equations*, by W. B. Fite; *On the inversion of the order of integration of a two fold iterated integral*, by H. J. Ettlinger; *The summability of single and multiple Fourier series*, by H. W. Bailey; *The arithmetic of a general algebra*, by O. C. Hazlett.

The Physico-Mathematical Society of Leningrad has begun, in 1926, the publication of a Journal. Most of the articles are in Russian, but abstracts in French, German, or English are provided.

Professor J. C. Fields, president of the international mathematical congress held at Toronto in 1924, reports that the printing of the Proceedings of this congress is now well under way. The completed work will be in two volumes, aggregating about 1800 quarto pages; it is hoped that it will appear in the summer of 1927.

At the annual meeting of the London Mathematical Society, held November 11, 1926, the following officers were elected: Professor G. H. Hardy, president; Professor S. Chapman, Professor A. L. Dixon, and Mr. J. E. Littlewood, vice-presidents; Dr. A. E. Western, treasurer; Professor H. Hilton, librarian; Professor G. N. Watson and Mr. F. P. White, secretaries.

The Paris Academy of Sciences announces the award of the following prizes for 1926: the Poncelet prize to Paul Montel, for his mathematical work; the Francœur prize to Gaston Julia, for his work in the theory of functions; the Montyon prize to Kyrille Popoff, of the University of Sofia, for his *Les Méthodes d'Intégration de Poincaré et le Problème de la Balistique Extérieure*; the Bordin prize to Serge Bernstein, of the University of Kharkoff, for his *Leçons sur les Propriétés Extrêmales et la Meilleure Approximation des Fonctions Analytiques d'une Variable Réelle*; the de Parville prize to Antoine Alayrac, for his *Mécanique de l'Aviation*; the Valz prize to Frank Schlesinger, of Yale University, for his astronomical work, especially in the measurement of stellar parallaxes; the Grand Prize in mathematics to E. B. de Fontviolant, for his work on the resistance of materials; the de Joest prize to A. Quemper de Lanascol, for his *Géométrie du Compas*; the Jules Mahyer prize to Louis de Broglie, for his work in

quantum theory; the Jérome Ponti prize to Maurice Fréchet, for his work in the theory of assemblages and in the calculus of functionals; a prize from the Gegner foundation to René Baire, for his mathematical work; a prize from the Becquerel foundation to Georges Bruhat, for his work in theoretical physics.

The New York Academy of Sciences has awarded its A. Cressy Morrison prize for a research paper on the source of solar energy (see this Bulletin, vol. 32, p. 722) to Donald H. Menzel, of the Lick Observatory.

Associate Professor Emil Artin, of the University of Hamburg, has been promoted to a full professorship of mathematics.

Dr. Erich Kamke, of the University of Münster, has been appointed associate professor of mathematics at the University of Tübingen.

The Daniel Guggenheim Fund for Research in Aeronautics has made a grant of $78,000 to the University of Michigan; this will be used to complete the construction of wind tunnels and to establish a new professorship in aeronautics.

At the University of Wisconsin, Professor E. Schrödinger, of the University of Zurich, delivered a course of lectures in January, 1927, on recent developments in quantum mechanics; Professor Peter Debye, of the Zurich Technical School, has been appointed acting professor of mathematical physics for the second semester of 1926-1927.

Mr. L. G. Butler has been appointed professor of mathematics at Albany College, Albany, Oregon.

Professor Alan D. Campbell, of the University of Arkansas, has accepted an associate professorship at Syracuse University, and will assume his duties there next September.

Dr. D. R. Davis has been appointed assistant professor of mathematics at the University of Oregon.

Mr. P. S. Dwyer has been appointed assistant professor of mathematics at Antioch College.

Dr. W. W. Elliott has been appointed assistant professor of mathematics at Duke University.

The following appointments to instructorships in mathematics are announced: Columbia University, Dr. Edgar Dehn; Lehigh University, Dr. George Riddle; Yale University, Mr. T. W. Moore.

Dr. Joaquin de Mendizàbal-Tamborrel, geographical and military engineer in the Mexican army, and author of several books of mathematical tables, died September 8, 1926. Dr. de Mendizàbal-Tamborrel had been a member of this Society since 1892.