

SCIENTIFIC JOURNALS AND ARTICLES

THE closing (October) number of volume 8 of the *Transactions of the American Mathematical Society* contains the following papers:

MAX MASON: "The expansion of a function in terms of normal functions."

MAURICE FRÉCHET: "Sur les opérations linéaires (troisième note)."

A. G. GREENHILL: "The elliptic integral in electromagnetic theory."

Also "Notes and errata, volume 8," and index of volume.

THE December number (volume 14, number 3) of the *Bulletin of the American Mathematical Society* contains: Report of the September Meeting of the San Francisco Section, by W. A. Manning; "On Quadratic Forms in a General Field," by L. E. Dickson; "On the Canonical Substitution in the Hamilton-Jacobi Canonical System of Differential Equations," by D. C. Gillespie; "The Maximum Value of a Determinant," by F. R. Sharpe; "Third Report on Recent Progress in the Theory of Groups of Finite Order," by G. A. Miller; "The Dresden Meeting of the Deutsche Mathematiker-Vereinigung," by C. A. Noble; "Bryan's Thermodynamics," by E. B. Wilson; "Shorter Notices" (G. Vivanti's *Funzioni Poliedriche e Modulari*, by J. I. Hutchison; J. Sommer's *Vorlesungen über Zahlentheorie*, by G. H. Ling; L. Couturat's *Les Principes des Mathématiques*, by J. W. Young); "Notes"; "New Publications."

The January number of the *Bulletin* contains: Report of the October Meeting of the Society, by F. N. Cole; "On Triple Algebras and Ternary Cubic Forms," by L. E. Dickson; "Isothermal Systems in Dynamics," by E. Kasner; "On the Equations of Quartic Surfaces in Terms of Quadratic Forms," by C. H. Sisam; "Symbolic Logic" (Review of works by Couturat, MacColl and Shearman), by E. B. Wilson; "Shorter Notices" (H. Durège's *Elemente der Theorie der Funktionen* (fifth edition), by J. Pierpont; H. Burkhardt's *Elliptische Funktionen*, by J. Pierpont; Bromwich's *Quadratic Forms*, by Maxime Bôcher); "Notes"; "New Publications."

SOCIETIES AND ACADEMIES

THE CONVOCATION WEEK MEETINGS OF
SCIENTIFIC SOCIETIES

THE American Association for the Advancement of Science and the national scientific societies named below will meet at the University of Chicago during convocation week, beginning on December 30, 1906.

American Association for the Advancement of Science.—December 30–January 4. Retiring president, Professor W. H. Welch, The Johns Hopkins University, Baltimore, Md.; president-elect, Professor E. L. Nichols, Cornell University, Ithaca, N. Y.; permanent secretary, Dr. L. O. Howard, Cosmos Club, Washington, D. C.; general secretary, President F. W. McNair, Houghton, Mich.

Local Executive Committee.—Charles L. Hutchinson, chairman local committee; John M. Coulter, chairman executive committee; John R. Angell, Thomas C. Chamberlin, Joseph P. Iddings, Frank R. Lillie, Charles R. Mann, Robert A. Millikan, Charles F. Millspaugh, Alexander Smith, J. Paul Goode, local secretary.

Section A, Mathematics and Astronomy.—Vice-president, Professor E. O. Lovett, Princeton University; secretary, Professor G. A. Miller, University of Illinois, Urbana, Illinois.

Section B, Physics.—Vice-president, Professor Dayton C. Miller, Case School of Applied Science; secretary, Professor A. D. Cole, Vassar College, Poughkeepsie, N. Y.

Section C, Chemistry.—Vice-president, Professor H. P. Talbot, Massachusetts Institute of Technology; secretary, Professor Charles L. Parsons, New Hampshire College, Durham, N. H.

Section D, Mechanical Science and Engineering.—Vice-president, Professor Olin H. Landreth, Union College; secretary, Professor Wm. T. Magruder, Ohio State University, Columbus, Ohio.

Section E, Geology and Geography.—Vice-president, Professor J. P. Iddings, University of Chicago; secretary, Dr. Edmund O. Hovey, American Museum of Natural History, New York City.

Section F, Zoology.—Vice-president, Professor E. B. Wilson, Columbia University; secretary, Professor C. Judson Herrick, University of Chicago.

Section G, Botany.—Vice-president, Professor C. E. Bessey, University of Nebraska; secretary, Professor F. E. Lloyd, Desert Botanical Laboratory, Tucson, Arizona.

Section H, Anthropology and Psychology.—Vice-president, Professor Franz Boas, Columbia Uni-