# NOTES

Beginning with the next issue, this BULLETIN will again be printed in the United States, at the Banta Publishing Company, Menasha, Wisconsin.

The second number of volume 27 of the TRANSACTIONS OF THIS SOCIETY (April, 1925) contains the following papers: *The subgroup composed of the substitutions which omit a letter of a transitive group*, by G. A. Miller; *On the closeness of approach of complex rational fractions to a complex irrational number*, by L. R. Ford; *Solutions of the Einstein equations involving functions of only one variable*, by E. Kasner; *A general theory of linear sets*, by M. H. Ingraham; *On the representation of a certain fundamental law of probability*, by H. L. Rietz; *The group of motions of an Einstein space*, by J. Eiesland; *A generalization of Levi-Civita's parallelism and the Frenet formulas*, by J. H. Taylor. The third number (July, 1925) contains: *The linear complex of conics*, by E. E. Libman; *On the Weddle surface and analogous loci*, by A. Emch; *Algebraic surfaces with reducible bitangent and osculating hyperplanar sections*, by M. Castellani; *Polynomials of several variables and their residue systems*, by A. J. Kempner; *A criterion for the conformal equivalence of a Riemann space to a euclidean space*, by J. Douglas; *The deflection of a rectangular plate fixed at the edges*, by H. W. March; *On irredundant sets of postutates*, by A. Church; *Three-dimensional manifolds of states of motion*, by H. Hotelling; *Relations between the critical points of a real function of n independent variables*, by M. Morse.

The joint September–December, 1924, number of the ANNALS OF MATHEMATICS ((2), vol. 26, Nos. 1–2), contains: *Contact transformations linear in x, y, z; applications to equilong transformations*, by B. H. Brown; *On the trigonometric representation of an ill-defined function*, by D. Jackson; *An irregular boundary value and expansion problem*, by L. E. Ward; *Maximal cuspidal curves*, by T. R. Hollcroft; *Plane cubics associated with the quadrangle-quadrilateral configuration*, by B. M. Turner; *On Pellet's theorem concerning the roots of a polynomial*, by J. L. Walsh; *The setting of a proposition*, by P. J. Daniell; *Theta functions and arithmetic*, by E. T. Bell; *A new type of criteria for the first case of Fermat's last theorem*, by H. S. Vandiver; *Algebraic functions and their divisors*, by G. A. Bliss; *An extension of the definition of the Green's function in one dimension*, by W. M. Whyburn; *Real representations of analytic complex curves*, by W. C. Graustein; *Note on Dirichlet series with complex exponents*, by J. F. Ritt; *On the order of an analytic function at a singular point*, by M. H. Stone;

*Representations of integers in certain binary, ternary, quaternary and quinary quadratic forms and allied class number relations,* by E. T. Bell. The March, 1925, number ((2), vol. 26, No. 3) contains: *Non-monoidal involutions which contain a web of invariant monoids,* by V. Snyder; *Definite integrals containing a parameter,* by R. L. Jeffery; *Integro-differential expressions invariant under Volterra's group of transformations,* by A. D. Michal; *New proofs of two well known theorems on quadratic forms,* by J. F. Ritt; *Some relations between compound determinants,* by W. H. Metzler; *A contribution to the theory of interpolation,* by N. Wiener; *A property of cyclotomic integers and its relation to Fermat's last theorem (second paper),* by H. S. Vandiver; *On an infinite system of non-abelian groups of order $nm^n$,* by W. E. Edington; *Conformal and geodesic mapping,* by A. Bramley.

The second number of volume 47 of the AMERICAN JOURNAL OF MATHEMATICS (April, 1925) contains: *Some properties of the exponential mean,* by J. Dale; *The eliminant of a net of curves,* by F. Morley; *On an equation of planar motion,* by F. Morley; *An extension of the problem of the elastic bar,* by H. T. Davis; *On the Sylow subgroups of the symmetric and alternating groups,* by L. Weisner; *On certain theorems regarding summable series and their application to the double and triple Fourier's series,* by G. M. Merriman; *On the power characters of units in a cyclotomic field,* by H. S. Vandiver.

The Sociedad Matemática Argentina has begun publication of a journal entitled REVISTA MATEMÁTICA. The first number appeared in October, 1924.

Several numbers have appeared of the JAPANESE JOURNAL OF MATHEMATICS, published under the auspices of the National Research Council of Japan.

The Academy of Mathematical and Physical Sciences of the Royal Society of Naples has been commissioned by the faculty of sciences of the University of Naples to take charge of the award of the quinquennial Gabriele and Ruggero Torelli prize, for the encouragement of research in pure mathematics. Those receiving the doctorate in pure mathematics at an Italian university during the interval from January 1, 1925, to December 1, 1929, are eligible for the next award. Applicants should send copies of their dissertations and other published works to the Academy before January 2, 1930.

The Royal Society of Edinburgh has awarded the Gunning Victoria Jubilee Prize for the period 1920–24 to Sir Joseph Thomson, in recognition of his discoveries in physical science, and the MacDougall-Brisbane Prize for the same period to Professor H. Stanley Allen, for his papers on the quantum and atomic theory.

On the occasion of the celebration of the fiftieth anniversary of his entrance into teaching (see this BULLETIN, vol. 31, p. 185) Professor A. V. Vasilief was elected an honorary member of the Kharkof Mathematical Society.

Professor T. von Kármán, of the Technical School at Aachen, has been elected a corresponding member of the Göttingen Gesellschaft der Wissenschaften.

Professor A. Kneser, of the University of Breslau, has been elected a corresponding member of the Russian Academy of Sciences.

Professors Paul Koebe, of the University of Jena, and Wilhelm Wirtinger, of the University of Vienna, have been elected corresponding members of the physico-mathematical class of the Prussian Academy of Sciences.

The newly founded University of Kovno, Lithuania, conferred an honorary doctorate of mathematics on Professor Aurel Voss, of the University of Munich, on the occasion of his eightieth birthday. Professor Voss had presented his large library to the mathematical seminar of the university.

The faculty of sciences of the University of Padua is collecting a fund for a memorial to Professor Giuseppe Veronese, on the occasion of the tenth anniversary of his death.

The University of Glasgow has conferred an honorary degree on the mathematical physicist Paul Painlevé, premier of France.

Oxford University has conferred an honorary doctorate of science on Professor Niels Bohr, of the University of Copenhagen.

The University of Manchester has conferred the degree of doctor of science on Professor A. S. Eddington, of Cambridge.

Professors Niels Bohr and A. S. Eddington have been elected foreign members of the National Academy of Sciences. Professor S. Lefschetz, of Princeton University, has been elected a member in the section of mathematics.

Professor G. G. Chambers, of the University of Pennsylvania, has received the honorary degree of doctor of science from Dickinson College.

The Franklin Institute has conferred Franklin medals and certificates of honorary membership on Dr. P. Zeeman, professor of physics at the University of Amsterdam, and Dr. Elihu Thomson, of the General Electric Company.

John R. Freeman, consulting engineer, of Providence, has made a gift of securities valued at $25,000 to the Boston Society of Civil Engineers for the establishment of a fund, the income of which is to be used for encouraging research by the younger engineers of the

Society through the award of prizes for papers on hydraulics and allied subjects.

Professor E. V. Huntington, of Harvard University, is acting as Western Exchange Professor during the first half of this academic year; and will be at Beloit College, Carleton College and Know College.

Columbia University has conferred the honorary degree of doctor of science on Dr. Irving Langmuir, of the General Electric Company.

Yale University has conferred the honorary degree of doctor of science on Professor R. A. Millikan.

The Case School of Applied Science and Union College have conferred honorary degrees on Professor M. I. Pupin, of Columbia University.

Assistant Professor J. R. Kline, of the University of Pennsylvania, has been awarded a Guggenheim Fellowship, to study the analysis situs of three dimensions from a point-set standpoint, principally at the University of Göttingen.

Assistant Professor J. L. Walsh, of Harvard University, has been awarded a National Research Fellowship.

The two Benjamin Peirce Instructorships in Mathematics at Harvard University (see this Bulletin, vol. 21, p. 315) are again open for general competition. Applications for the year 1925-26, accompanied by the necessary papers, should reach Cambridge not later than February 15, 1926.

Mr. Bertrand Russell has been appointed Tarner lecturer in the philosophy of the sciences for 1925-26 at Trinity College, Cambridge.

Mr. E. F. Baxter, of the University of Sheffield, has been appointed lecturer in applied mathematics at the University of Durham.

Mr. W. L. Ferrar, of the University of Edinburgh, has been elected a fellow of Hertford College, Oxford.

Professor J. L. Synge, formerly of the University of Toronto, has been elected a fellow of Trinity College and professor of natural philosophy at the University of Dublin.

Professor C. N. Armstrong, of Ohio Wesleyan University, has been appointed head of the department of mathematics to fill the vacancy caused by the death of Professor C. B. Austin.

At West Virginia University, Assistant Professors Margaret Buchanan, C. N. Reynolds, and B. M. Turner have been promoted to associate professorships of mathematics.

Dr. Julia Dale, recently at the University of Oklahoma, has been appointed professor of mathematics at the Delta State College of Mississippi.

Assistant Professor J. E. Davis, of the Drexel Institute, has been appointed associate professor of engineering extension at Pennsylvania State College.

Dr. Philip Franklin has been promoted to an assistant professorship of mathematics at the Massachusetts Institute of Technology.

At the University of Wyoming, Professor H. C. Gossard has been appointed to a full professorship of mathematics, and Mr. O. H. Rechard has been promoted to an associate professorship.

Dr. C. C. Grove has been appointed assistant professor of mathematics at the Brooklyn Polytechnic Institute.

At the University of Minnesota, Associate Professor W. L. Hart has been promoted to a full professorship of mathematics, and Dr. Gladys Gibbens to an assistant professorship.

Assistant Professor Olive C. Hazlett, of Mount Holyoke College, has been appointed assistant professor of mathematics at the University of Illinois.

Assistant Professor A. J. Kempner, of the University of Illinois, has been appointed full professor of mathematics at the University of Colorado.

Professor Max Mason, of the University of Wisconsin, has been elected president of the University of Chicago.

Professor A. A. Michelson, of the University of Chicago, has been appointed to the first of the distinguished service professorships recently established at that university.

Assistant Professor E. J. Miles, of Yale University, has been promoted to an associate professorship of mathematics.

Mr. Max Morris has been promoted to an assistant professorship of mathematics at the Case School of Applied Science.

The marriage is announced of Professor Anna J. Pell, of Bryn Mawr College and Professor A. L. Wheeler, professor of Latin at Princeton University. They will continue to occupy their present professorships, and they will be at home after this fall in Princeton and in Bryn Mawr.

Dr. J. A. Shohat has been appointed to an assistant professorship at the University of Michigan.

Assistant Professor L. L. Smail, of the University of Oregon, has been appointed to an assistant professorship at the University of Texas.

Mr. Emory P. Starke has been promoted to an assistant professorship of mathematics at Rutgers University.

At the Texas State College at Lubbock, Dr. L. D. Ames, formerly of the University of Missouri, has been appointed associate professor of mathematics, and Miss Elizabeth Stafford has been appointed adjunct professor of mathematics.

Dr. J. H. Taylor has been appointed assistant professor of mathematics at Lehigh University.

Associate Professor H. S. Uhler, of Yale University, has been appointed head of the department of physics at Gettysburg College.

Professor H. A. Wilson, of the University of Glasgow, has accepted reappointment to the professorship of physics at Rice Institute which he held from 1912 to 1924.

Associate Professor R. M. Winger, of the University of Washington, has been promoted to a full professorship.

Professor Frederick Wood, of Lake Forest College, has been appointed professor of mathematics at Wesleyan College, Macon, Ga.

The following appointments to instructorships are announced:
American College for Women, Constantinople, Miss E. Marie Plapp;
Connecticut College for Women, Miss Mildred Carlen;
University of Florida, Mrs. Claire Harkins;
West Virginia University, Mr. H. A. Davis;
University of Wyoming, Miss Greta Neubauer.

The distinguished mathematician Felix Klein, professor of mathematics at the University of Göttingen and editor of the MATHEMATISCHE ANNALEN, died June 22, 1925, at the age of seventy-six.

Dr. Heinrich Müller-Breslau, professor of statics and building construction at the Charlottenburg Technical School, died April 23, 1925, at the age of seventy-three.

Professor Carl Neumann, of Leipzig, died March 27, 1925, in his ninety-third year.

Camille Flammarion, astronomer and author of numerous popular astronomical works, died June 4, 1925, at the age of eighty-three.

Professor Gualtiero Romboli, of the Technical School at Forli, died March 20, 1925, at the age of forty-five.

Dr. W. S. Dennett, of New York City, died March 6, 1925. Dr. Dennett had been a member of the Society since 1892, and served as its treasurer from 1900 to 1907.

Professor S. J. Lockner, of the University of Pittsburgh, died May 10, 1925, at the age of fifty-five.

Dr. Mansfield Merriman, professor of civil engineering at Lehigh University from 1878 to 1907, died June 7, 1925, at the age of seventy-seven. Dr. Merriman had been a member of the American Mathematical Society since 1891.

Professor W. A. Hamilton, of Antioch College, died June 25th, 1925.

Dr. C. E. Stromquist, for many years head of the department of mathematics at the University of Wyoming, died early in April, 1925.