

NOTES

The concluding number of volume 27 of the TRANSACTIONS OF THIS SOCIETY (October, 1925) contains the following papers: *Cone cubic configurations of a ruled surface*, by A. F. Carpenter; *Concerning upper semi-continuous collections of continua*, by R. L. Moore; *On the oscillation of a continuum at a point*, by W. A. Wilson; *On the conditions of integrability of covariant differential equations*, by J. A. Schouten; *Complete groups of points on a plane cubic curve of genus one*, by M. I. Logsdon; *On the existence of the Stieltjes integral*, by H. L. Smith; *The mutual inductance of two square coils*, by T. H. Gronwall; *On the development of continuous functions in series of Tchebycheff polynomials*, by J. A. Shohat; *Analytic functions in three dimensions*, by E. R. Hedrick and L. Ingold; *The Beltrami equations in three dimensions*, by E. R. Hedrick and L. Ingold; *Fields of parallel vectors in a Riemannian geometry*, by L. P. Eisenhart; *A symbolic treatment of the geometry of hyperspace*, by L. Ingold.

The third number of volume 47 of the AMERICAN JOURNAL OF MATHEMATICS (July, 1925) contains: *A configuration of thirteen pencils of cubics and cubics with three real inflexions*, by B. M. Turner; *A mathematical theory of competition*, by C. F. Roos; *Imprimitive substitution groups*, by G. A. Miller; *Classification of monoidal involutions having a fixed tangent cone*, by M. M. Torrey; *Self-projective rational septimics*, by R. M. Winger.

The concluding number of series 2, volume 26, of the ANNALS OF MATHEMATICS (June, 1925) contains: *On continued fractions in the theory of binary forms*, by A. Arwin; *A property of sequences of Laplace*, by H. L. Olson; *Green's lemma*, by H. E. Bray; *A class of minimum problems and the linear independence of functions of one variable*, by O. Dunkel; *Tables of quadratic forms*, by A. E. Cooper.

At the Southampton meeting of the British Association for the Advancement of Science, Professor Horace Lamb delivered as incoming president his inaugural address, entitled *The figure and constitution of the earth*. The Association will hold its next meeting at Oxford, August 4-11, 1926, under the presidency of the Prince of Wales.

The French Association for the Advancement of Science met at Grenoble, July 27, 1925, under the presidency of Professor Emile Borel, minister of the Navy in Painlevé's cabinet.

At the meeting of the International Research Council at Brussels, Professor Emile Picard was unanimously reelected president. No change in the basis of membership in the Council was made.

At the meeting of the International Astronomical Union, at Cambridge, July 14-22, 1925, Professor W. de Sitter was elected president for the next three years. On this occasion Cambridge University conferred honorary doctorates on Retiring President W. W. Campbell, Dr. B. Baillaud, and Professors de Sitter, Nagaoka, and Schlesinger.

The Russian Academy of Sciences, founded at the end of the reign of Peter the Great, celebrated its two hundredth anniversary September 5-14, 1925.

Mr. Nalini Rajan Choudhury has donated a medal, to be known as the Mahamaya Gold Medal, to be awarded under the auspices of Calcutta Mathematical Society for an essay on the Hindu-Arabic numerals. Competition is restricted to graduates of or students in an Indian university.

The Brussels Academy has awarded its Agathon de Potter prize for the period 1922-24 to Paul Ver Eecke, for his work *Les Coniques d'Apollonius de Perge*.

Cambridge University has awarded its John Winbolt prize jointly to C. S. Deakin, of Queen's College, and W. B. C. Perrycoste, of Sidney Sussex College, for their dissertation entitled *Theory of transverse oscillations of girders*.

Dr. Irving Langmuir, of the General Electric Company, Schenectady, has been awarded the Cannizzaro prize of the Reale Accademia dei Lincei.

The collection of astronomical and mathematical instruments, dating back to the tenth century and illustrating the early history of the sciences, which has been presented by Mr. Lewis Evans to Oxford University and housed in the old Ashmolean Building, was opened for public exhibition on May 5, 1925. On this occasion the honorary degree of doctor of science was conferred on Mr. Evans.

Professor Paul Appell has been appointed honorary rector of the University of Paris, and awarded the grand croix de la Légion d'Honneur.

Professor Henri Lebesgue has been elected a foreign member of the Reale Accademia dei Lincei.

Professor L. Bieberbach, of the University of Berlin, has been elected an honorary member of the Benares Mathematical Society.

Professors Neils Bohr and Max von Laue have been selected foreign corresponding members of the Vienna Academy of Sciences.

The University of Cologne has conferred an honorary doctorate on W. von Crayen, of the scientific publishing firm of W. de Gruyter, of Berlin.

Professor Albert Einstein has been elected foreign associate of the Italian Society of Sciences (the XL).

Professor L. Henneberg has been made an honorary member of the senate of the Darmstadt Technical School.

Trinity College, Dublin, has conferred the honorary degree of doctor of science on Professor R. A. Millikan, of the California Institute of Technology.

Mr. P. P. A. Aiyar, of Judson College, Rangoon, has been appointed lecturer in mathematics at the Government Technical Institute, Insein, Burma.

Dr. Helmut Hasse, of the University of Kiel, has been appointed professor of mathematics at the University of Halle.

Dr. Lothar Koschmieder, of the University of Breslau, has been promoted to an associate professorship.

Associate Professor E. Pohlhausen has been promoted to a full professorship at the University of Rostock.

Professor J. Radon, of the University of Greifswald, has been appointed professor of mathematics at the University of Erlangen.

Associate Professor P. Reidemeister, of the University of Vienna, has been appointed to a full professorship at the University of Königsberg.

Dr. G. Szegő, of the University of Berlin, has been promoted to an associate professorship.

Professor Hermann Weyl, of the Zurich Technical School, has been appointed to a professorship at the University of Leipzig.

The following have been appointed privat docents in mathematics in German universities: Dr. E. Bessel-Hagen, at the University of Göttingen; Dr. H. Geppert, at the University of Giessen; Dr. Robert Schmidt, at the University of Königsberg.

M. J. Kampé de Fériet, maître de conférences, has been promoted to a professorship at the University of Lille.

M. Paul Lévy has been appointed professor of mechanics at the Ecole Supérieure des Mines.

Professor L. Berzolari, of the University of Milan, has returned to his former professorship at the University of Pavia.

At the University of Cagliari, Professor R. Serini has been appointed associate professor of rational mechanics. Professors B. Caldonazzo and O. Chisini have been transferred, Professor Caldonazzo to the chair of rational mechanics at the University of Catania, and Professor Chisini to the chair of analytic and projective geometry at the University of Milan.

Mr. N. M. H. Lightfoot has been appointed assistant lecturer in mathematics at the University of Sheffield.

Mr. E. C. Titchmarsh, of University College, London, has been appointed to the university readership tenable at the College.

At the University of Iowa, Associate Professor E. W. Chittenden has been promoted to a full professorship, and Dr. Roscoe Woods to an assistant professorship of mathematics. Dr. C. C. Wylie, of the University of Illinois, has been appointed assistant professor of astronomy.

At the University of Pennsylvania, Assistant Professor M. J. Babb has been promoted to a full professorship, and Dr. J. D. Eshleman to an assistant professorship of mathematics. Dr. P. A. Caris has been appointed assistant professor.

Assistant Professor A. D. Campbell, of the University of Arkansas, has been promoted to an associate professorship of mathematics.

Dr. H. B. Curtis, of Northwestern University, has been appointed associate professor of mathematics at Marquette University.

Mr. E. E. Erickson, of the University of Iowa, has been appointed to an assistant professorship at Miami University.

Associate Professor Hillel Halperin has been promoted to a full professorship of mathematics at the Agricultural and Mechanical College of Texas.

Miss Frances Harshbarger, of West Virginia University, has been appointed head of the department of mathematics at Potomac State College, Keyser, W. Va.

Dr. D. L. Holl has been appointed assistant professor of mathematics at Iowa State College.

Professor L. M. Hoskins, of the department of applied mathematics at Stanford University, has retired from active teaching.

Miss Dora E. Kearney has been appointed professor of mathematics at Iowa State Teachers College, Cedar Falls.

Dr. Israel Maizlish has been appointed associate professor of physics at Centenary College, Shreveport, La.

Dr. D. H. Menzel, of the University of Iowa, has been appointed assistant professor of astronomy at Ohio State University.

Assistant Professor A. L. Nelson, of the University of Michigan, has been appointed professor of mathematics at the College of the City of Detroit.

Professor R. L. Newlin, of Guilford College, has been appointed assistant professor of mathematics at Ohio Wesleyan University.

Professor W. F. Shenton, of the United States Naval Academy, has been appointed professor of mathematics and physics at the American University, Washington, D. C.

Professor H. L. Smith, of the University of the Philippines, has been appointed to an assistant professorship at the University of Minnesota.

Mr. H. S. Vandiver, of Cornell University, has been appointed associate professor of mathematics at the University of Texas.

Assistant Professor F. M. Weida, of Montana State College, has been appointed assistant professor of mathematics at Lehigh University.

Professor Gregorio Ricci Curbastro, of the University of Padua, founder of the absolute differential calculus used in the development of relativity theory, died August 6, 1925, at the age of seventy-two.

Professor J. L. W. V. Jensen, of Copenhagen, died April 5, 1925.

Professor G. Frege, retired, of the University of Jena, died July 26, 1925.

Professor von Hammer of the department of geodesy and practical astronomy of the Stuttgart Technical School, died September 11, 1925, at the age of sixty-seven.

Professor Gordon Armstrong, head of the department of mathematics at Ohio Wesleyan University and secretary-treasurer of the Ohio Section of the Mathematical Association of America, died January 8, 1926.

The death is announced of Professor B. H. Kerstein, of the State Teachers College, Silver City, New Mexico.

Miss Marcia Latham, of Hunter College, died May 9, 1925. Her translation of Descartes' *Geometry*, prepared in collaboration with Professor D. E. Smith, recently appeared through the Open Court.

Assistant Professor J. W. Miller, of the University of Pennsylvania, died September 11, 1925, at the age of forty-nine.