NOTES

During recent years the Department of Mathematics of the University of Chicago has planned to place emphasis on a particular field each Summer Quarter. Analysis was stressed in the summers of 1935 and 1937, and algebra will be emphasized in 1938. This is a field of major interest of Professors Dickson, Albert, and Hull, as well as Drs. MacLane, Jacobson, and Dribin, all of whom will participate in a seminar on the subject. There will also be a Conference on Algebra beginning at 9:30 A.M. on Tuesday, June 28, and ending July 1. During this period the participants in the seminar and all other mathematicians who may be interested will be addressed by the following invited speakers (listed in the order of their appearance on the program and with the titles of their addresses): L. E. Dickson (Chicago), *On the history and nature of the integral quantities of algebras*; Ralph Hull (Illinois), *The arithmetic of rational cyclic algebras*; A. A. Albert (Chicago), *On cyclic algebras*; Richard Brauer (Toronto), *On the structure of normal division algebras*; Saunders MacLane (Chicago), *The structure of perfect fields*; Oscar Zariski (Johns Hopkins), *Ideal theory and algebraic geometry*; Solomon Lefschetz (Princeton), *Formal power series in algebraic geometry*; C. C. MacDuffee (Wisconsin and the Institute for Advanced Study), *The use of matrices in ideal theory*; C. G. Latimer (Kentucky), *Ideals in a quaternion ring and Hermitian forms*; Emil Artin (Notre Dame), *Theory of quadratic forms*; Reinhold Baer (North Carolina), *Group structure and subgroup lattices*; John Williamson (Johns Hopkins), *The conjunctive equivalence of pencils of Hermitian and anti-Hermitian matrices*; M. H. Ingraham (Wisconsin), *Topics in the theory of matrices whose elements belong to a division algebra*; O. F. G. Schilling (Johns Hopkins), *Local class field theory*; Nathan Jacobson (North Carolina), *Simple Lie algebras*. It is hoped that many mathematicians, especially those interested in abstract algebra, will avail themselves of this opportunity to come together. Housing accommodations near the University have been arranged for those attending the Conference. A limited number of rooms will be available in Judson Court, a conveniently located and modern residence hall facing the Midway Plaisance, at the moderate charge of $2.75 per day for room and board. Those desiring to reserve accommodations may do so by writing to A. A. Albert, Eckhart Hall, The University of Chicago.

The symposium on the algebra of geometry and related subjects at the University of Notre Dame, announced in the January number of this Bulletin, was held February 11 and 12, in five sessions. At the first session, on Friday morning, the following papers were presented: *Boolean algebra and topology*, by Professor M. H. Stone; *Partially-ordered function spaces*, by Mr. Garrett Birkhoff. At the session on Friday afternoon the following papers were presented: *On structures and their applications*, by Professor Oystein Ore; *Applications of the lattice theory to field structure*, by Dr. Saunders MacLane; *Some problems concerning groups*, by Dr. J. K. Senior. On Friday evening Professor E. V. Huntington gave a general lecture on the method of postulates entitled *The duplicity of logic*. On Saturday morning the following papers were presented: *Continuous geometry*, by Professor John von Neumann; *Alt's algebra of affine geometry and related problems*, by Professor Karl Menger; *A theorem on the algebra of geometry*, by Dr. A. N. Milgram. At the last session, on Saturday afternoon, the following papers were presented: *An application of the theory of division algebras*

to geometry, by Professor A. A. Albert; *An algebraic topic with· geometric aspects,* by Professor Emil Artin.

Professor E. A. Milne has been elected president of the London Mathematical Society. Professor G. B. Jeffery, Miss M. L. Cartwright, and Mr. J. Hodgkinson have been elected vice presidents.

At the recent meeting of the American Association for the Advancement of Science held at Indianapolis, Professor J. R. Kline was elected vice president of the Association and Chairman of Section A for the year 1938.

Professor M. H. Ingraham, of the University of Wisconsin, has been elected president of the American Association of University Professors.

The Paris Academy of Sciences announces the award of the following prizes for 1937: the Francoeur prize to Jean Leray, for his work on mathematical analysis; the Montyon prize in mechanics to Lucien Malavard, for his electric apparatus permitting the rapid calculation of hydrodynamic circulations; the Poncelet prize to Joseph Bethenod, for his work on mechanics and electricity; the Pierson-Perrin prize to Léon Brillouin, for his work as a whole; the Lalande prize in astronomy to Michel Giacobini, for his work on stellar astronomy and on the comets; the Benjamin Walz prize to Maurice Burgaud, for his work in China on terrestrial magnetism; the G. de Pontecoulant prize to Henri Roure, for his work on planetary perturbations; the Binoux prize to Raoul Goudey and Jean Lagrula, for their gravimetric observations in France and northern Africa; the Henri de Parville prize in physics to Paul Lainé, for his research on the magnetic and magneto-optic properties of liquified gases; the Kastner-Boursault prize to Bernard Decaux, for his work on the applications of quartz to chronometry; the Gaston Planté prize to Jean Bernamont, for his studies on the fluctuations of electric resistances; the François Hebert prize to Paul Couderc, for his works on astronomy, especially that entitled *Univers,* 1937; the Hughes prize to Paul Soleillet, for his work on the structure of light; the Clément-Félix foundation prize to Étienne Vassy, for his work on the atmospheric ozone; Montyon prizes in statistics to Mlle. Dagmare Weinberg, for her important contribution to the work *La correction des épreuves écrites dan les examens;* to Adolphe Lesage and Marcel Moine, for their study of infant mortality; and to Marcel Luc-Verbon, for his studies on the science of theoretical values; the Bordin prize to Georges Darmois, for his work on the calculus of probabilities; the Petit D'Ormoy prize to Paul Lévy, for his mathematical work as a whole; the Saintour prize to André Marchaud, for his work on geometry; an award from the Hirn foundation to Marcel Fouché, for his work on acoustics; an award from the Henri Becquerel foundation to André Savornin, for his work on terrestrial magnetism; an award from the Loutreuil foundation to Abbé Zephirin Carrière, for the purchase of apparatus for the analysis of sounds; and awards from the Villemot foundation to Mme. Rose Bonnet-Sainturier, for the publication of a memoir on the double stars; to Aimé Cotton, for the laboratory of the electromagnet of the Academy of Sciences; to Alexandre Dauvillier, for the construction and installation of a recording electrometer; and to Charles Maurain, for his researches relative to terrestrial magnetism and atmospheric electricity.

The Academy of Science of Turin has conferred on Professor Leonida Tonelli the Bressa prize for 1937.

Professor L. Berzolari, of the University of Pavia, and Professor G. Scorza of the

University of Rome, have been elected national associates of the Royal Academy of Sciences of Turin. Professor U. Cisotti, of the University of Milan, Professors A. Terracini and F. Tricomi, of the University of Turin, have been elected corresponding members.

Professor Enrico Fermi has been elected to membership in the Academy of Science of Vienna.

Professor Tullio Levi-Civita has been elected to membership in the Brazilian Academy of Science and has been awarded an honorary doctor's degree by the University of San Marco of Lima.

Professor Mauro Picone has been named honorary member of the Academy of Science of Roumania.

Professor G. Scorza, of the University of Rome, has been elected a national member of the Royal Academy of the Lincei.

Professor Leonida Tonelli has been appointed a member of the committee of directors of the Italian National Research Council.

Dr. D. C. Murdoch, of the University of Toronto, has been awarded a Sterling Fellowship at Yale University.

Professor J. A. Shohat has been elected Fellow of the American Institute of Statistics.

Professor Edoardo Amaldi has been appointed professor of experimental physics at the University of Rome.

Professor Vincenzo Amato, of the University of Cagliari, has been appointed professor of mathematical analysis at the University of Messina.

Professor Gilberto Bernardini has been appointed professor of experimental physics at the University of Camerino.

Professor Luigi Campedelli, of the University of Cagliari, has been appointed professor of projective and analytic geometry at the University of Florence.

Professor E. J. Cartan, of the University of Paris, has been appointed Rouse Ball Lecturer at the University of Cambridge for the year 1937–1938.

Professor Giovanni Gentile has been appointed professor of theoretical physics at the University of Milan.

Professor Ettore Majorana has been appointed professor of experimental physics at the University of Naples.

Professor Basilio Mania has been appointed professor of mathematical analysis at the University of Pavia.

Professor Arturo Maroni, of the University of Modena, has been appointed professor of analytic and projective geometry at the University of Pavia.

Professor Carlo Miranda has been appointed professor of mathematical analysis at the University of Genoa.

Professor Guilio Racah has been appointed professor of theoretical physics at the University of Pisa.

Professor Ivo Ranzi has been appointed professor of experimental physics at the University of Cagliari.

Professor G. C. Wick has been appointed professor of theoretical physics at the University of Palermo.

In further explanation of the note which appeared at the top of page 762 in the November, 1937, issue of this Bulletin, it should be stated that Professor Emil Artin has joined the faculty of Notre Dame and that Abbé Lemaître will be visiting professor during the spring term.

Assistant Professor R. G. Archibald, of Columbia University, has been appointed to an assistant professorship at Queens College, Flushing, N. Y.

Assistant Professor A. E. Brandt, of the Iowa State College, is on leave of absence this year. He is serving as senior statistician at the United States Bureau of Soils, Department of Agriculture.

Assistant Professor A. B. Brown, of Columbia University, has been appointed to an assistant professorship at Queens College, Flushing, N. Y.

Assistant Professor S. S. Cairns, of Lehigh University, has been appointed to an assistant professorship at Queens College, Flushing, N. Y.

Assistant Professor A. T. Craig, of the University of Iowa, has been promoted to an associate professorship.

Dr. D. B. DeLury has been appointed lecturer in mathematics at the University of Toronto.

Professor Peter Field, of the University of Michigan, has leave of absence for the second semester of 1937–1938.

Dr. C. H. Fischer, of Wayne University, has been promoted to an assistant professorship.

Associate Professor Philip Franklin, of the Massachusetts Institute of Technology, has been promoted to a professorship.

Dr. Evan Johnson, of the Uniontown Extension Center of the Pennsylvania State College, has been promoted to an assistant professorship.

Dr. C. W. MacGregor, of the Massachusetts Institute of Technology, has been promoted to an assistant professorship.

Professor Karl Menger, of the University of Notre Dame, has been made chairman of the department of mathematics.

Dr. E. R. Ott, of the University of Buffalo, has been promoted to an assistant professorship.

Dr. E. L. Post, of the College of the City of New York, has been promoted to an assistant professorship.

Mr. W. O. Rogers, of Pennsylvania State College, has been promoted to an assistant professorship.

Assistant Professor Wladimir Seidel, of the University of Rochester, has been granted leave of absence for the academic year. He is spending the year at Brown University.

Mrs. O. H. Stecker, of the Pennsylvania State College, has been promoted to an assistant professorship.

Assistant Professor J. M. West, of the Pennsylvania State College, has been promoted to an associate professorship.

The following appointments to instructorships have been announced: University of Alabama: Mr. L. D. Rodabaugh; George Washington University: Dr. W. C. Mitchell; Montana State College: Dr. Nathan Schwid; University of Pittsburgh: Mr. J. O. Blumberg; Queen's College: Dr. M. M. Sullivan; South Dakota State College: Dr. L. E. Mehlenbacher; University of Texas: Mr. E. L. Godfrey, Miss H. C. Miller, Mr. R. H. Sorgenfrey, Mr. R. L. Swain; Wayne University: Dr. T. H. Southard, Dr. M. C. Wolf.

Dr. L. N. G. Filon, Goldsmid professor of mathematics at the University of London and formerly vice chancellor of the University, died on December 29, 1937, at the age of sixty-two years.

Dr. A. Lodge, formerly professor of pure mathematics at the Royal Indian Engineering College and president of the Mathematical Association (English) in 1897–1898, died recently at the age of eighty-three years.

Professor J. D. Bond, of the University of Tennessee, died on November 10, 1937.

Associate Professor Orpha E. Worden, of Wayne University, died at Miami Beach, Florida, on February 7, 1938.