

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. Algebra was stressed in 1938, and analysis will be emphasized in the summer of 1939. A feature of the program will be a seminar on the calculus of variations conducted by G. A. Bliss. Other members of the summer staff who will participate in the seminar are Max Coral, L. M. Graves, M. R. Hestenes, E. J. McShane, W. T. Reid, and M. F. Smiley. In the period from Tuesday, June 27, to Friday, June 30, there will also be a Conference on the Calculus of Variations, including a number of special addresses by members of the staff and others. The speakers and their topics are as follows: *Length and area, and Geometrical approach to the Plateau problem*, by Tibor Radó (Ohio State); *The problem of Plateau-Riemann, and Minimal surfaces of higher topological structure*, by Jesse Douglas; *Existence theorems for multiple integrals*, by E. J. McShane (Virginia); *The equations of Haar and differentiability of their solutions*, by Max Coral (Wayne University); *The Jacobi condition for multiple integrals*, by L. M. Graves (Chicago); *The field theory for multiple integrals*, by G. A. Bliss (Chicago); *Sufficiency proofs by expansion methods*, by W. T. Reid (Chicago); *Functional topology and analysis in the large, and Variational theory in the large*, by Marston Morse (Institute for Advanced Study); *The problem of Bolza*, by M. R. Hestenes (Chicago); *Logical analysis of the semi-continuity properties of line integrals*, by Karl Menger (Notre Dame). A series of lectures preparatory to the addresses of the Conference will be given in the seminar in the preceding week, June 21-24. All mathematicians who may be interested are cordially invited to attend the Conference and the preparatory lectures in the seminar. Housing accommodations have been arranged near the University. A limited number of rooms will be available in Judson Court for the week of the Conference at the moderate charge of \$2.75 per day for room and board. Judson Court is a conveniently located and modern residence hall facing the Midway Plaisance. Reservations and requests for information should be addressed to M. R. Hestenes, Eckhart Hall, University of Chicago.

The Fifth Annual Research Conference on Economics and Statistics under the auspices of the Cowles Commission for Research in Economics will be held at Colorado College, July 3-28, 1939. Modestly priced living accommodations will be provided by the College. Those interested may write to the Commission for a preliminary announcement of the program.

The Paris Academy of Sciences has announced the award of the following prizes in mathematics for 1938: Poncelet Prize, to S. Mandelbrojt, for his work in analytic functions; Francoeur Prize, to J. Dieudonné, for his work in the theory of functions; Grand Prize for Mathematical Sciences, to J. Favard, for his work in algebra and geometry; Albert I^{er} de Monaco Prize, to A. Denjoy, for his mathematical work as a whole; Marquet Prize, to R. Bricard, for his work in geometry; Henri Becquerel Foundation Prize, to P. Delens, for his work in analysis and geometry; Girbal-Baral Foundation Award, to F. Marty and F. Roger.

The Lobatchewsky Prize has been awarded by the Mathematical Institute of Kazan to Professor Élie Cartan.

The Royal Society has awarded a medal to Professor R. A. Fisher for his work in mathematical statistics.

The Malaxa Prize has been awarded to Professor Jean Leray of the University of Nancy.

The Mittag-Leffler Institute Gold Medal has been awarded to Emile Picard and David Hilbert.

The Rumford Medal has been awarded by the Royal Society to Professor R. W. Wood for his work in physical optics.

Dr. F. B. Jewett, Vice President of the American Telephone and Telegraph Company and President of the Bell Telephone Laboratories, has been awarded the 1939 John Fritz Gold Medal.

Professor G. T. Whyburn of the University of Virginia has been awarded the Chauvenet Prize by the Mathematical Association of America.

The Order of Merit has been conferred by King George upon Sir James Jeans.

During his visit to Harvard University on an exchange professorship, Professor A. Denjoy of the Sorbonne gave several lectures at Princeton, Cornell, and Columbia Universities, and the Institute for Advanced Study.

Professor J. L. Coolidge of Harvard University was awarded an honorary degree in October, 1938, by Lehigh University.

Professor Solomon Lefschetz of Princeton University is delivering a set of lectures in Brussels on an appointment by the Belgian American Educational Foundation, Inc.

Professor Marston Morse of Princeton University has been elected Vice President of the A.A.A.S. and Chairman of Section A. Professor W. M. Whyburn of the University of California at Los Angeles is a member of the sectional committee.

Professor B. P. Reinsch, chairman of the department of mathematics at Florida Southern College, has been elected President of the Florida Academy of Sciences.

Professor Harlow Shapley, director of the Harvard College Observatory, has been elected a member of the Royal Swedish Academy of Sciences.

Professor G. Bouligand of the University of Poitiers has been appointed to a professorship at the Sorbonne.

Dr. Wolfgang Krull of the University of Erlangen has been appointed to a professorship at the University of Bonn.

Dr. Herbert Seifert of the University of Heidelberg has been appointed to a professorship at the University of Frankfurt.

Professor Nicola Spampinato of the University of Catania has been transferred to the University of Naples.

Assistant Professor Teresa Cohen of Pennsylvania State College has been promoted to an associate professorship.

Professor Enrico Fermi of the University of Rome has accepted a position at Columbia University beginning early in 1939.

Associate Professor G. A. Hedlund of Bryn Mawr College has been appointed to a professorship at the University of Virginia.

Dr. H. L. Krall of Pennsylvania State College has been promoted to an assistant professorship.

Professor Otto Neugebauer of Copenhagen, formerly of Göttingen, the well known mathematical historian and former editor of the *Zentralblatt für Mathematik*, has accepted a call from Brown University. He will take up residence in the autumn of 1939.

Associate Professor W. V. Parker of Louisiana State University has been promoted to a professorship.

Associate Professor N. E. Rutt of Louisiana State University has been promoted to a professorship.

Dr. G. E. Schweigert of the University of Virginia has accepted a position at Wright Junior College of Chicago.

Professor W. B. Ford and Associate Professor V. C. Poor, both of the University of Michigan, have sabbatical leaves for the spring term.

Professor A. W. Hobbs of the University of North Carolina is on leave of absence for the winter quarter.

Associate Professor L. T. Moore, Mr. Thomas Nicholson, and Mr. A. W. Landers, all of Brooklyn College, have sabbatical leaves for part or all of this year.

Dr. D. C. Harkin of Alabama Polytechnic Institute has an appointment as tutor at Brooklyn College for 1938-1939.

The following appointments to instructorships are announced: Brooklyn College (Evening Session): Dr. Aaron Fialkow; Rice Institute: Dr. F. E. Ulrich.

Professor Samuel Dumas of the University of Lausanne died September 24, 1938, at the age of fifty-eight.

Professor Ellen L. Burrell, head of the department of pure mathematics at Wellesley College until her retirement in 1916, died on December 3, 1938, at the age of eighty-eight years.

Dr. Fabian Franklin, professor of mathematics in the Johns Hopkins University from 1879 to 1895 and subsequently editor of the *Baltimore News* and associate editor of the *New York Evening Post*, died on January 8, 1939, at the age of eighty-six years.

Mr. P. S. Wagner of Lebanon Valley College died December 5, 1938. Mr. Wagner was a member of the Society since 1928.