

NOTES

Professor Harry Bateman of the California Institute of Technology and Professor W. M. Whyburn of the University of California at Los Angeles have been elected corresponding members of the Academia Nacional de Ciencias Exactas, Fisicas y Naturales de Lima.

Professor Felix Bernstein of New York University has been appointed professor emeritus.

Professor M. H. Stone of Harvard University has been awarded an honorary doctorate by the University of San Marcos.

Mr. J. C. Adams and Mr. G. E. Nicholson have been appointed lecturers at the University of North Carolina.

Associate Professor H. A. Bender of the University of Akron has been appointed to an associate professorship at Rhode Island State College.

Professor W. C. Brenke of the University of Nebraska has retired.

Assistant Professor H. F. Bright of Denison University has been appointed to an assistant professorship at the University of Rochester.

Visiting Assistant Professor Nancy Cole of Kenyon College has been promoted to a visiting associate professorship.

Dr. R. H. Fox of the University of Illinois has been appointed to an assistant professorship at Syracuse University.

Dr. W. H. Gottschalk of the University of Virginia has been appointed to an assistant professorship at the University of Richmond.

Dr. R. W. Hamming of the University of Illinois has been appointed to an assistant professorship at the University of Louisville.

Assistant Professor J. F. Heyda of Denison University has been appointed to a professorship at St. Ambrose College, Davenport, Iowa.

Dean H. M. Hosford of the College of Arts and Sciences, University of Arkansas, has been promoted to the vice presidency of the University.

Dr. D. H. Hyers of the California Institute of Technology has been appointed to an associate professorship at the University of Southern California.

Professor R. L. Jeffery of Acadia University has been appointed to a professorship at Queens University.

Assistant Professor R. N. Johanson of Hamilton College has been appointed to an assistant professorship at Boston University.

Mr. W. S. Krogdahl has been appointed to an adjunct professorship at the University of South Carolina.

Professor C. V. Newsom of the University of New Mexico has been appointed to a professorship at Oberlin College. He will be chairman of the department of mathematics.

Mr. J. D. Novak of MacMurray College has been appointed to an associate professorship at the University of South Carolina.

Assistant Professor J. F. Randolph of Cornell University has been appointed to a professorship at Oberlin College.

Mr. M. M. Resnikoff has been appointed to a professorship at State Teachers College, Minot, North Dakota.

Dr. Henry Scheffé of Princeton University has been appointed to an assistant professorship at Syracuse University.

Professor M. A. Scheier of St. Bonaventure College has been appointed dean of the Division of Natural Sciences.

Dr. James Singer of Brooklyn College has been promoted to an assistant professorship.

Colonel R. H. Somers, U. S. Army, retired, has been appointed to a visiting lecturership at Dartmouth College.

Associate Professor G. A. Williams of Oregon State College has been promoted to a professorship.

Associate Professor A. S. Winsor of the University of North Carolina has been promoted to a professorship.

The following appointments to instructorships are announced: Dartmouth College: Mr. D. B. Kirk; University of North Carolina: Mr. B. M. Drucker, Mr. T. H. Partrick, Mr. W. H. Peacock, Mr. Irwin Stoner, Mr. W. S. Winn; Purdue University: Mr. H. W. Strand; University of Richmond: Mr. Mariano García.

Professor Emeritus Harris Hancock of the University of Cincinnati died March 20, 1944 at the age of seventy-seven years. He had been a member since 1895.

The following fifty-one doctorates, with mathematics or mathematical physics as a major subject, were conferred during 1943 in universities in the United States and Canada; the major subject is mathematics unless otherwise specified. The university, month in which degree was conferred, minor subject (other than mathematics) and the title of the dissertation are given in each case if available.

W. F. Atchison, Illinois, June, minor in physics, *Virtual sets on an algebraic curve as contrasted with Abelian function theory.*

T. A. Bancroft, Iowa State, August, minor in economics, *Tests of significance considered as an aid in statistical methodology.*

Helen P. Beard, Massachusetts Institute of Technology, December, minor in physics, *Equigonal planes and their connection with the theory of functions of two complex variables.*

E. M. Beesley, Brown, June, I: *Concerning total differentiability of functions of class P.* II: *ϕ -Cantorian functions and their convex moduli.*

D. L. Benedict, Wisconsin, May, *Gamma ray energy standards and resonance half-widths.*

B. H. Bissinger, Cornell, October, *Generalizations of continued fractions.*

Angeline J. Brandt, Michigan, October, *The free Lie ring and Lie representations of the full linear group.*

A. J. Coleman, Toronto, November, *A study in relativistic quantum mechanics, based on Eddington's relativity-theorem of protons and electrons.*

B. H. Colvin, Wisconsin, May, *The expansion problem associated with a third order ordinary differential system of highly irregular type.*

C. R. DePrima, New York University, June, *Characteristic and uniqueness theory for linear hyperbolic partial differential equations.*

Roy Dubisch, Chicago, December, *Composition of quadratic forms.*

William H. Durfee, Cornell, October, *Congruence of quadratic forms over valuation rings.*

Jacques Dutka, Columbia, June, *Transversality in higher space.*

Paul Eberhart, Brown, February, *On the summation of derived series of Fourier series and conjugate series.*

H. J. Eckweiler, New York University, June, minor in physics, *Periodic solutions of a class of nonlinear differential equations (the Van der Pol equation)*.

W. S. Erickson, Wisconsin, May, *Asymptotic forms of the solutions of the differential equation for the associated Mathien functions*.

R. W. Gibson, Illinois, June, minor in physics, *Projective geometry with coordinates from a commutative primary ring*.

Theodore Hailperin, Cornell, June, *A set of axioms for logic*.

A. O. Hanson, Wisconsin, May, *Voltage-measuring and control equipment for the electrostatic generator and an absolute measurement of the lithium proton-neutron threshold*.

Gerald Harrison, California Institute of Technology, June, minor in physics, *The lattice structure of algebraic moduls*.

Boyd Harshbarger, George Washington, February, *On the analysis of a certain six by six—four group lattice design*.

Euphemia L. Haynes, Catholic University, June, minors in physics and education, *Determination of sets of independent conditions characterizing certain special cases of symmetric correspondences*.

H. D. Huskey, Ohio State, March, *Contribution to the problem of Geöcze*.

H. S. Kieval, Cincinnati, June, *On certain types of continued fraction developments*.

Horace Komm, Michigan, February, *Concerning the dimension and the lambda dimension of a partial order*.

Janie C. Lapsley, Illinois, June, minor in chemistry, *Systems of bilinear forms*.

Anne L. Lewis, Chicago, September, *Sufficiency proofs for the problem of Bolza in the calculus of variations*.

J. C. R. Li, Iowa State, July, minor in genetics, *Design and statistical analysis of confounded experiments*.

B. J. Lockhart, Illinois, October, minor in astronomy, *Covariant correspondences and covariant sets of points defined by a given correspondence on an algebraic curve*.

Janet MacDonald, Chicago, September, *Conjugate nets in asymptotic parameters*.

Abraham Miller, New York University, June, minor in physics, *The isoperimetric problem in three or more dimensions.*

L. H. Miller, Ohio State, September, *A method for proving the equivalence of certain orthogonal polynomial expansions.*

C. D. Olds, Stanford, April, *On the number of representations of the square of an integer as the sum of an odd number of squares.*

J. F. Paydon, Northwestern, minor in physics, *The continued fraction as a sequence of linear transformations.*

W. H. Pell, Wisconsin, August, *Thermal deflection of anisotropic thin plates.*

George Piranian, Rice, June, *A study of the position and nature of the singularities of functions given by Taylor series.*

R. C. Rand, Maryland, June, minor in physics, *The rectilinear motion of a gas subsequent to an internal explosion.*

R. H. Scanlan, Massachusetts Institute of Technology, May, minor in physics, *On the existence of certain entire functions of zero type.*

O. H. Schmidt, Brown, June, *On the relation between ancient mathematics and spherical astronomy.*

Abraham Seidenberg, Johns Hopkins, June, *Valuation ideals in rings of polynomials in two variables.*

W. de V. B. Spatz, New York University, June, major in physics, *Factors influencing the Plateau characteristics of self-quenching G-M counters.*

Sister Mary P. Steele, Catholic University, June, minors in philosophy and physics, *A geometric interpretation and some applications of the dihedral group G_8 .*

C. F. Stephens, Michigan, October, *Non-linear difference equations analytic in a parameter.*

R. R. Stoll, Yale, June, *Representations of completely simple semi-groups.*

W. J. Thron, Rice, June, *Convergence regions for continued fractions.*

H. F. Tuan, Princeton, April, *Groups whose orders contain a prime number to the first power.*

C. M. Turner, Wisconsin, May, *Electrostatic generator with multiple electrodes.*

G. C. Vedova, Maryland, June, minor in physics, *Infinite processes in Greek mathematics.*

T. C. G. Wagner, Maryland, June, minor in physics, *The differential geometry associated with a given area metric.*

Marion D. Wetzel, Northwestern, August, minor in statistics, *The analytic theory of positive definite J-fractions.*

Fumio Yagi, Massachusetts Institute of Technology, May, minor in physics, *On Stieltjes integrals: A convergence theorem and an integral equation.*

The following doctorate was conferred in 1942, but was not included in the list in the preceding volume of this Bulletin (vol. 49, pp. 355–360):

Aughtum S. Howard, Kentucky, September, *Linear second order partial differential equations with constant coefficients.*