

NOTES

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Tarski, J. M. Thomas, A. W. Tucker, J. W. Tukey, G. E. Wahlen, H. S. Wall and Aurel Wintner.

The National Research Council has just issued a report on the *Bibliography on Orthogonal Polynomials* which was prepared by a committee consisting of Professors J. A. Shohat, Einar Hille and J. L. Walsh. The report is bound in cloth, consists of 204 pages and may be purchased from the National Research Council at \$3.00 per volume.

The addresses presented at the symposium on Applications of Mathematics in the Earth-Sciences, under the joint auspices of Sections A and E of the American Association for the Advancement of Science, the American Mathematical Society, the Mathematical Association of America and the Geological Society of America, at Columbus, Ohio, December 29, 1939, have been published as Part A of Volume 4 of the Transactions of 1940 of the American Geophysical Union. The addresses tend to further a desirable rapprochement between geophysicists and mathematicians and begin the important task of bringing to each field the knowledge or some suggestions of the contributions which the other field may make. This volume will include also, as Part B, the symposium at Columbus on Hydrologic Problems in the Ohio and Michigan Basins. The volume will make about 100 pages. The regular postpaid price to non-members of the Union is \$1.00 but a special price of \$0.75 per copy is being made to members of the American Mathematical Society. Orders, indicating membership in the American Mathematical Society, should be sent to 5241 Broad Branch Road, N.W., Washington, D.C.

Professor M. H. Stone of Harvard University has published a planographed edition of a set of notes on *The Theory of Real Functions*: I, *The Real Number System*. II, *The Theory of Classes*. Interested persons should address Professor Stone.

Professor Saunders MacLane of Harvard University has published a planographed edition of a series of lectures on *Algebraic Functions*, which may be obtained from him by interested persons.

Applications for the Benjamin Peirce Instructorships in Mathematics at Harvard University for the year 1941-1942 should be sent to the Chairman of the Department of Mathematics. Candidates should have received the doctorate or have done equivalent work.

The School of Mathematics of the Institute for Advanced Study each year allocates a small number of stipends to gifted young mathe-

maticians and mathematical physicists to enable them to study and to do research work at Princeton. Candidates must have given evidence of ability in research comparable at least with that expected for the degree of Doctor of Philosophy. Blanks for application may be obtained from the School of Mathematics of the Institute, Fuld Hall, Princeton, N. J., and are returnable by February 1, 1941.

Yale University offers each year a number of Sterling research fellowships, some of them open to mathematicians. For the year 1941-1942 the normal stipend will be \$1800. Applicants must have received the degree of Doctor of Philosophy or its equivalent from approved universities in the United States or foreign countries. In general, preference is given to applicants of not more than thirty-five years of age, but older persons are eligible. Applications should be received before March 1; blanks may be obtained from the Graduate School office, Yale University.

Dr. K. E. Bullen, lecturer in mathematics at University College, Auckland, New Zealand, has accepted an appointment at the University of Melbourne.

Assistant Professor G. Hoheisel of the University of Greifswald has been appointed to a professorship at the University of Köln.

Dr. F. Lösck of the University of Rostock has been promoted to a professorship.

Professor R. P. Paranjpye of Fergusson College, Poona, India, has retired.

Dr. W. B. Caton has been made head of the department of mathematics at Athens College, Athens, Alabama.

Dr. Claude Chevalley, formerly of the University of Rennes, has been appointed to an assistant professorship at Princeton University.

Dr. P. L. Dressel of Michigan State College has been promoted to an assistant professorship.

Associate Professor E. P. R. Duval of the University of Oklahoma has been promoted to a professorship.

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

Assistant Professor Nathan Jacobson of the University of North

Carolina has been appointed visiting associate professor of mathematics at Johns Hopkins University this year.

Dr. J. R. Jenness of the College of the Ozarks has been made head of the department of physics and mathematics at Parsons College, Fairfield, Iowa.

Dr. S. A. Jennings of the University of British Columbia has been appointed lecturer.

Assistant Professor H. A. Jordan of Georgetown University has been promoted to an associate professorship.

Professor L. C. Knight of the College of Wooster has retired after thirty-two years of service.

Mr. T. H. Lee of the University of Wisconsin has been appointed to an associate professorship at the University of South Carolina.

Assistant Professor A. N. Lowan of Yeshiva College has been promoted to an associate professorship.

Associate Professor Morris Marden of the University of Wisconsin at Milwaukee has been granted leave of absence for this academic year. He is lecturing at the University of Wisconsin in Madison.

Assistant Professor W. T. Martin of the Massachusetts Institute of Technology has been granted leave of absence to spend a year in study and research at Princeton University and the Institute for Advanced Study.

Dr. R. J. Michel of the University of Missouri has been appointed head of the department of mathematics at Southeast Missouri State Teachers College.

Professor J. C. Morehead of the Carnegie Institute of Technology has retired with the title emeritus.

Dr. L. F. Ollmann of Texas Technological College has been appointed to an assistant professorship at the College of Wooster.

Professor George Polya who has been at the Technical School in Zurich is to be at Brown University for two years.

Assistant Professor W. C. Randels of the University of Oklahoma has been promoted to an associate professorship.

Associate Professor H. A. Ruger of Teachers College, Columbia University, has retired.

Mr. C. S. Sutton of Tufts College has been appointed to an assistant professorship at The Citadel.

Commander J. C. Van de Carr, U.S.N., retired, has been granted a leave of absence from his duties in the mathematics department at the University of Oklahoma to take charge of the University unit of the Naval R.O.T.C.

Dr. E. T. Welmers of Michigan State College has been promoted to an assistant professorship.

Professor R. L. Wilder of the University of Michigan has been granted leave of absence to spend a year at the University of Texas.

To the list of names of members of the Society working at the Institute for Advanced Study this year, which appears in the November 1940 issue of this Bulletin, should be added those of Assistant Professor G. M. Ewing of the University of Missouri and Dr. H. T. Muhly, National Research Fellow.

Dr. R. J. Duffin of the University of Illinois has been made an associate in mathematics.

The following appointments to instructorships are announced: Bowling Green State University: Dr. Morris Hendrickson; Cornell University: Dr. Michael Golomb; Georgia School of Technology: Dr. D. T. McClay; Long Island University: Mr. E. A. Knoblauch; Massachusetts Institute of Technology: Dr. G. B. Thomas; Michigan State College: Mr. A. C. Cohen, Dr. B. M. Stewart; Montana State College: Dr. H. M. Schwartz; Northwestern University: Dr. J. M. Dobbie, Mr. W. N. Huff; University of Oklahoma: Mr. B. S. Whitney; Pennsylvania State Forestry School, Mont Alto, Pennsylvania: Mr. Morris Bloom; University of the Philippines: Dr. R. A. Favila; Purdue University: Dr. R. A. Leibler; Stanford University: Dr. P. V. Reichelderfer; Agricultural and Mechanical College of Texas: Dr. R. E. Basye; Texas Technological College: Mr. F. D. Rigby; Tri-State College, Angola, Indiana: Dr. M. G. Moore; University of Virginia: Mr. R. C. Morrow; Williams College: Mr. W. D. Wray; Winthrop College, Rock Hill, South Carolina: Miss Katharine E. Hazard; University of Wisconsin: Dr. H. E. Goheen, Dr. Fred Kiokemeister, Mr. J. W. Odle; University of Wisconsin at Milwaukee: Mr. W. L. G. Mitchell; University of Wyoming: Dr. V. J. Varineau.

Dr. Vito Volterra, formerly professor of mathematics at the Uni-

versity of Rome, died October 11, 1940 at the age of eighty years. He had been a member of the Society since 1905.

Dr. J. R. Carson of the Bell Telephone Laboratories died on October 31, 1940. He had been a member of the Society since 1918.

Professor George Rutledge of the Massachusetts Institute of Technology died on September 21, 1940, at the age of fifty-eight years. He had been a member of the Society since 1910.