

NOTES

Lattice Theory, by Assistant Professor Garrett Birkhoff of Harvard University, has just been published as volume 25 of the series of American Mathematical Society Colloquium Publications. The volume contains 155 pages. The list price is \$2.50, with a discount of twenty-five per cent to members. Orders should be sent to the Society office at 531 West 116th Street, New York City.

In March of this year the Mathematical Society of Hamburg celebrated the two hundred fiftieth anniversary of its founding.

The National Council of Teachers of Mathematics will hold its 1940 summer meeting July 1-3 in Milwaukee, Wisconsin. The theme of the meetings is *How mathematics serves our community*.

The fourth annual mathematical symposium at the University of Notre Dame was held April 10-11, 1940, on the foundations of topology. The following papers were presented: *On contiguous points*, Professor R. L. Moore; *The topology of lumps*, Professor Karl Menger; *Classification of topological functions*, Professor E. W. Chittenden; *The equal generality of "convergence," "closure," and "neighborhoods,"* Dr. J. W. Tukey; *Partially ordered sets and topology*, Dr. A. N. Milgram; *The foundations of algebraic topology*, Professor Solomon Lefschetz; *Lattices and connectivity*, Dr. Henry Wallman.

At the meeting of the National Academy of Sciences in Washington, D. C., April 22-23, papers were presented by Professors Harry Bateman, G. D. Birkhoff, Gregory Breit, Edward Kasner, and Marston Morse.

Professor W. D. Cairns, Secretary-Treasurer of the Mathematical Association of America, has announced that the Department of Mathematics of the University of Toronto has won the first prize of \$500 in the third annual William Lowell Putnam Mathematical Competition, held March 2, 1940. The members of the team were W. J. R. Crosby, J. C. Maynard, G. H. K. Strathy. The second prize of \$300 is awarded to the Department of Mathematics of Yale University, members of whose team were J. E. Brewster, A. M. Gleason, G. R. MacLane. For the third prize of \$200 there is a tie between the Department of Mathematics of Columbia University and the Department of Mathematics of Cooper Union Institute of Technology. The members of the Columbia University team were Laurence Annenberg, Julius Ashkin, Paul Marcus; the members of the Cooper

Union team were Murray Klamkin, Benjamin Lax, Samuel Manson. In addition to these prizes to the departments of mathematics with winning teams, a prize of \$50 each is awarded to the following five persons whose scores ranked highest in the six-hour examination (names arranged alphabetically): W. J. R. Crosby, University of Toronto; A. N. Gleason, Yale University; E. L. Kaplan, Carnegie Institute of Technology; J. C. Maynard, University of Toronto; R. M. Snow, George Washington University. One of these five will be chosen to receive a \$1000 year scholarship at Harvard University, this award to be announced later. The members of the four winning teams will receive individual cash awards according to the ranks of their teams, and all individuals receiving awards will also receive medals. Honorable mention has been awarded this year to three teams and to five individuals. The teams are from the Department of Mathematics, University of California at Berkeley, members of the team being Julia H. Bowman, W. M. Kincaid, C. W. Lippman; the Department of Mathematics, University of California at Los Angeles, members being Richard Arens, Robert James, Harold Shniad; and the Department of Mathematics, Carnegie Institute of Technology, members being S. N. Foner, E. L. Kaplan, W. E. Sturmann. The five individuals receiving honorable mention are: G. R. MacLane, Yale University; Samuel Manson, Cooper Union Institute of Technology; Paul Marcus, Columbia University; G. H. K. Strathy, University of Toronto; J. E. Wilkins, Jr., University of Chicago.

Among those recently elected to fellowships in the Royal Society of Edinburgh are Dr. A. F. Buchan of James Gillespie's School, Edinburgh, Dr. H. Davenport of the University of Manchester, and Professor H. S. W. Massey of University College, London.

The following persons have been awarded fellowships by the Guggenheim Foundation: Dr. Jesse Douglas, Brooklyn, N. Y., Professor R. L. Wilder of the University of Michigan, Associate Professor A. F. Wintner of the Johns Hopkins University, and Assistant Professor Gordon Pall of McGill University.

Dr. A. S. Gale of the University of Rochester has been made dean emeritus of the physical sciences.

Professor Hermann Weyl of the Institute for Advanced Study has been elected a member of the National Academy of Sciences.

Professor G. Vranceanu of the University of Cernauti has been appointed to a professorship at the University of Bucharest.

Assistant Professor J. E. Eaton of Hofstra College is now head of the department of mathematics.

Dr. K. O. Friedrichs of New York University has been promoted to an associate professorship.

Associate Professor Rufus Oldenburger of Armour Institute of Technology will deliver a series of lectures on modern algebra and dynamics at the University of Mexico during July and August.

Assistant Professor Mina S. Rees of Hunter College has been promoted to an associate professorship.

Dr. M. S. Robertson of Rutgers University has been promoted to an assistant professorship.

Associate Professor D. J. Struik of Massachusetts Institute of Technology has been promoted to a professorship.

Professor L. C. Karpinski of the University of Michigan will be on leave for the first semester of 1940–1941.

Professor A. Zygmund, formerly of the University of Wilno, has accepted a position at Mt. Holyoke College for 1940–1941.

Sir Thomas Heath died on March 16, 1940, at the age of seventy-eight years.

The Polish Government Information Department has reported the death of Professor A. Hoborski.

Professor J. H. Michell of the University of Melbourne died on February 3, 1940, at the age of seventy-six years.

The death of Professor Ernesto Pascal of the University of Naples on January 25, 1940, has been reported.

Professor Otto Toeplitz, formerly of the University at Bonn, died on March 15, 1940.

Colonel C. P. Echols, retired professor of mathematics of the United States Military Academy at West Point, died May 21, 1940. He had been a member of the Society for many years.

Associate Professor Beulah Russell of the College of William and Mary died February 23, 1940.