

## NOTES

In addition to the members of the editorial staff of the Bulletin, the following persons have assisted the editors, either by refereeing papers or by advising concerning papers offered for publication in the present volume: M. A. Basoco, E. T. Bell, A. A. Bennett, B. A. Bernstein, H. R. Brahana, W. C. Brenke, A. B. Brown, Leonard Carlitz, R. D. Carmichael, E. W. Chittenden, A. B. Coble, H. B. Curry, Arnold Emch, H. T. Engstrom, G. C. Evans, L. R. Ford, Philip Franklin, T. C. Fry, Einar Hille, T. R. Hollcroft, E. V. Huntington, W. A. Hurwitz, M. H. Ingraham, Dunham Jackson, R. D. James, A. J. Kempner, R. E. Langer, D. H. Lehmer, N. H. McCoy, C. C. MacDuffee, W. A. Manning, A. D. Michal, H. H. Mitchell, C. N. Moore, Marston Morse, F. D. Murnaghan, G. Y. Rainich, J. F. Ritt, L. L. Silverman, P. A. Smith, Virgil Snyder, D. J. Struik, J. L. Synge, J. D. Tamarkin, J. M. Thomas, T. Y. Thomas, Stepan Timoshenko, W. J. Trjitzinsky, H. S. Vandiver, J. L. Walsh, Morgan Ward, Louis Weisner, H. S. White, G. T. Whyburn, W. M. Whyburn, Norbert Wiener, R. L. Wilder, S. S. Wilks, John Williamson, W. A. Wilson, B. C. Wong. The editors desire publicly to acknowledge this service.

Harvard University appoints annually two Benjamin Peirce Instructors in Mathematics. These instructorships are intended to give promising young men who already have their doctorates the opportunity to combine their research activities with a moderate amount of teaching, including some advanced instruction. Applications should be sent to Professor W. C. Graustein, Chairman of the Division of Mathematics, by February 15, 1937.

The School of Mathematics of the Institute for Advanced Study each year allocates a small number of stipends to gifted young mathematicians 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 Institute, and are returnable by February 1, 1937.

The National Institute of Sciences of Calcutta, India, plans to issue each year a publication under the title Indian Science Abstracts, the subtitle being An Annotated Bibliography of Science in India. In this publication, the first part of which appeared recently, it is planned to include abstracts of all scientific papers published in India, and also of papers published abroad on work done in India or based on Indian material.

The Anniversary Meeting of the Founder Societies of the American Institute of Physics was held in New York City, October 29–31.

An Indian Science Congress will be held at Hyderabad on January 2–8, 1937. There will be a section for mathematics and physics.

The Thomas Hawksley Lecture of the Institution of Mechanical Engineers

was delivered on November 6 by Professor A. Fowler. His subject was *The spectroscope and the atom*.

The note on p. 620 of the present volume of this Bulletin regarding the award of the Fields Medals of the International Congress of Mathematicians at Oslo is in error. It was not Professor K. A. M. Ahlfors, of the University of Helsingfors, who received the medal, but Professor L. V. Ahlfors, of Harvard University.

The University of Paris conferred the honorary doctorate upon Dean G. D. Birkhoff, of Harvard University, on August 12, 1936.

Professor Max Planck, president of the Kaiser Wilhelm Society for the Advancement of Science, has been named doctor honoris causa by the Faculty of Philosophy of the University of Graz.

Dr. N. S. Osborne, of the United States Bureau of Standards, received an honorary doctoral degree from the Michigan College of Mining and Technology for his researches in the properties of ammonia and steam.

Dr. H. L. Garabedian has been promoted to an assistant professorship at Northwestern University.

The retirement of Professor Anna D. Lewis, of Lake Erie College, is announced.

Assistant Professor L. H. McFarlan, of the University of Washington, has been promoted to an associate professorship in mathematics.

Acting Dean W. J. Miller, of the University of North Carolina, has been appointed professor of electrical engineering at the University of Alabama.

Assistant Professor A. F. Moursund, of the University of Oregon, has been promoted to an associate professorship.

Dr. Rufus Oldenburger has been promoted to an assistant professorship at the Armour Institute of Technology.

Dr. W. T. Reid, of the University of Chicago, is spending the first part of this academic year at the Institute for Advanced Study.

Assistant Professor I. S. Sokolnikoff, of the University of Wisconsin, has been promoted to an associate professorship.

Dr. Ruth W. Stokes, of Mitchell College, has been appointed professor of mathematics at Winthrop College.

Dr. Otto Szász has been appointed research lecturer at the University of Cincinnati for the academic year.

Dr. Max Born, of the University of Cambridge, has been appointed to a professorship in natural philosophy at the University of Edinburgh.

Dr. Karl Grünholz, has been appointed professor of mathematics at the University of Würzburg.

Dr. H. G. Hooker, of Christ's College, has been appointed assistant lecturer in mathematics at the University of Cambridge.

Dr. J. H. C. Thompson has been elected to a fellowship and lectureship in mathematics at Wadham College, University of Oxford.

Professor L. V. Ahlfors, recently of the University of Helsingfors, and now of Harvard University, has been elected a member of the Societas Scientiarum Fennica.

Dr. H. M. Bacon, of Stanford University, has been promoted to an assistant professorship.

Dr. A. H. Bailey, of Ohio State University, has been appointed to a professorship in mathematics at Central Normal College, Danville, Indiana.

Assistant Professor W. D. Baten, of the University of Michigan, has been appointed associate professor of mathematical statistics and research associate in statistics at Michigan State College. Professor Baten will devote a portion of his time to teaching and research in the department of mathematics and the remainder as statistical adviser in the Michigan State College Experiment Station.

Major A. P. Cowgill has been appointed to a professorship in mathematics at the Indiana Technical College, Fort Wayne.

Dr. J. L. Dorroh has been appointed to an associate professorship in mathematics at Judson College, Marion, Ala.

Dr. G. R. Trott, of Johns Hopkins University, has been appointed to a professorship at Blue Mountain College, Miss.

Mr. W. A. Vezeau has been appointed to a professorship at St. Joseph's College, Philadelphia, Pa.

Assistant Professor H. S. Wall has been promoted to an associate professorship at Northwestern University.

Assistant Professor Louis Weisner of Hunter College (of the City of New York) has been promoted to an associate professorship.

Professor E. P. Wigner, of Princeton University, has been appointed to a professorship in physics at the University of Wisconsin. The appointment begins February 1, 1937.

The following appointments to instructorships are announced: Armour Institute of Technology: Dr. G. C. Webber; Brown University: Dr. G. B. Price, Mr. Robert Rawhouser; Butler University: Dr. B. C. Getchell; Columbia University: Dr. F. J. Murray; Cornell University: Dr. L. L. Lowenstein, Dr. C. E. Rhodes; Georgia School of Technology: Mr. W. B. Coleman; Iowa State College: Dr. R. A. Higdon; Michigan State College: Mr. J. D. Hill, Dr. C. C. Hurd; New York University: Dr. Leo Zippin; Northwestern University: Dr. W. C. Randels; Notre Dame University: Rev. J. H. Kenna; Princeton University: Mr. Harwood Rosser (part time); South Dakota State College: Dr. L. E.

Mehlenbacher; Southern Methodist University: Mr. L. D. Rodabaugh; Trinity College: Mr. J. F. Wyckoff; Tulane University: Dr. E. G. H. Comfort; Whitman College: Mr. I. E. Highberg.

Among members of the American Mathematical Society who have entered the field of secondary teaching are the following: Dr. R. C. Stauffer, at Miss Fine's School, Princeton, N. J.; Dr. P. L. Trump, at Wisconsin University High School, Madison, Wis.

Emeritus Professor E. J. Nanson, of the University of Melbourne, Australia, died on July 1, 1936, at the age of eighty-five years.

Professor Salvatore Pincherle, of Bologna, died on July 10, 1936, at the age of eighty-three years.

Dr. R. R. Webb, of St. John's College, Cambridge, died on July 29, 1936, at the age of eighty-six years.

Professor Charles Hamilton Ashton, a member of this Society since 1901, died on August 2, 1936, at the home of his daughter, Mrs. Leon Becker, in Seattle, Washington. He was born in 1866 in Cambridge Valley in New York. He held degrees from Union College (A.B., 1887; Sc.D., 1922), from Harvard University (A.M., 1894), and from the University of Munich (Ph.D., 1909). His chief field of study was the theory of functions of complex variables. He taught for eight years at Harvard University, and for thirty-three years at the University of Kansas, where he was chairman of the department from 1917 to 1931. He continued his work as professor of mathematics until last June.

Dr. Julia Trueman Colpitts, Associate Professor of Mathematics at Iowa State College, and a member of this Society since 1907, died on August 8, 1936, at Southampton, England, as she was returning from the International Congress at Oslo. Miss Colpitts was born on February 22, 1875, at Point de Bute, N.B. She held degrees from Mount Allison University (A.B.) and from Cornell University (A.M. and Ph.D.), her special field being the theory of functions. From 1900 until the time of her death, she belonged to the faculty of Iowa State College. Recently she had been chairman of the Iowa Section of the Mathematical Association of America and the national president of Sigma Delta Epsilon.

Dr. H. B. Hedrick, of Washington, D. C., died on October 7 at the age of seventy-one years. Until his retirement in 1932 he was chief ballistician at the Aberdeen Proving Grounds. Previously he was astronomer at the U. S. Naval Observatory and at Yale University and mathematician of the department of terrestrial magnetism of the Carnegie Institution of Washington.

The death of Mr. H. H. Lansford, of Brooklyn College, is announced.

Professor E. B. Lytle, of the University of Illinois, died on September 5 at the age of sixty-one years. He had been a member of the Society since 1904.

Professor A. A. Titsworth, of Rutgers University, died on August 15, at the age of eighty-three years. He had been professor of mathematics in that institution for forty-two years.