

NOTES

In addition to the members of the editorial board of the Transactions of the American Mathematical Society, the following persons have assisted the editors by refereeing papers offered for publication in the volume for 1933: R. P. Agnew, A. A. Albert, A. A. Bennett, A. S. Besicovitch, H. R. Brahana, H. T. Engstrom, L. M. Graves, T. H. Hildebrandt, E. Hopf, E. V. Huntington, M. H. Ingraham, G. A. Miller, S. Saks, W. Seidel, J. A. Shohat, H. S. Vandiver, G. E. Wahlin, J. H. M. Wedderburn. The editors appreciate this assistance and desire to give it this public recognition.

The Indian Mathematical Society has established a new quarterly journal called *The Mathematics Student*, to be conducted along lines similar to those of the *American Mathematical Monthly* (see this *Bulletin*, vol. 39 (1933, p. 857)). Hereafter, the *Journal* of the same Society will be issued as a quarterly, and will contain only original contributions of an advanced character. Information may be had from S. Mahadeva Aiyar, Presidency College, Madras, India.

The State University of Moscow has begun publication of a journal entitled *Abhandlungen aus dem Seminar für Vektor- und Tensoranalysis samt Anwendungen auf Geometrie, Mechanik und Physik*, under the editorship of B. Kagan.

The American Mathematical Society has recently issued the sixteenth volume of its Colloquium Publications, *Algebraic Functions*, by G. A. Bliss. This was published with the cooperation of the National Research Council, with funds provided from its Revolving Book Fund. Copies may be obtained from the Society's office; the price is \$3.00 (to members of the Society, \$2.50).

The British Association for the Advancement of Science will meet at Aberdeen, September 5–12, 1934, under the presidency of Sir William Hardy. Professor H. M. Macdonald has been appointed sectional president of Section A (mathematical and physical sciences).

At the annual meeting of the London Mathematical Society, held November 16, 1933, the following officers and new members of the Council were elected: President, Professor G. N. Watson; Vice-Presidents, Professors A. C. Dixon, G. H. Hardy, G. F. J. Temple; Treasurer, Dr. A. E. Western; Librarian, Professor Harold Hilton; Secretaries, Mr. F. P. White, Mr. W. L. Ferrar; new members of the Council, Dr. M. L. Cartwright, Dr. G. B. Jeffery.

Professor E. H. Neville, of the University of Reading, has been elected president of the (British) Mathematical Association.

Professor A. H. Compton, of the University of Chicago, has been elected president of the American Physical Society.

Professor H. E. Slaught has been elected honorary president for life of the Mathematical Association of America. Professors A. A. Bennett and E. P. Lane have been elected vice-presidents, and Professors R. W. Brink, D. R. Curtiss, H. L. Rietz, and J. L. Walsh members of the Board of Trustees.

The Paris Academy of Sciences announces the award of the following prizes for 1933: The Francoeur prize to Paul Mentré, for his work in geometry; the Montyon prize in mechanics to René Thiry, for his work in the mechanics of fluids; the Poncelet prize in mechanics to E. B. de Fontviolant, for his work in mechanics; the Boileau prize to Adrien Foch, for his work in hydraulics; the Pierson-Perrin prize to Paul Langevin, for his work on the mechanical applications of piezo-electric quartz; the Lalande prize to Georges Prévost, for his tables of spherical functions and their integrals; the Valz prize to Henri Labrousse, for his methods of research in the periods of solar phenomena; the de Pontécoulant prize to David Beloritzky, for his work in celestial mechanics; the Henri de Parville prize in physics to Louis Leprince-Ringuet, for his work in atomic physics; the Henri de Parville prize for a scientific publication to Gustave Juvet, for his work entitled *La Structure des Nouvelles Théories Physiques*; the Bordin prize to Szolem Mandelbrojt, for his memoir *Sur l'unicité des Séries de Fourier*; the Petit d'Ormay prize in mathematical sciences to Arnaud Denjoy, for his mathematical work as a whole; the Estrade-Delcros prize to Ernest Vessiot, for his scientific work as a whole; the Saintour prize to Georges Giraud, for his work in partial differential equations and integral equations; the Charles Dupin prize to Bertrand Gambier, for his work in geometry; a prize from the Charles Frémont foundation to Léon Pomey, for his work in geometry and analysis.

The Pontifical Academy of Sciences (dei Nuovi Lincei) has awarded its international prize for a memoir on systems of solutions of differential equations (see this Bulletin, vol. 39, p. 19) to Professor G. D. Birkhoff, of Harvard University. It has also recommended that the essays offered by Professor L. Fantappiè, of Bologna, and Professors N. Kryloff and N. Bogoliouboff, of Kieff, be published by the Academy.

Professor A. Buhl, of the University of Toulouse, has been awarded the Cross of the Legion of Honor.

The Planck medal has been awarded to Dr. Werner Heisenberg, professor of theoretical physics at Leipzig.

The gold medal of the Royal Astronomical Society has been awarded to Professor Harlow Shapley, of Harvard University, for his studies of the structure and dimensions of the galactic system.

The Royal Society of London has awarded a Royal medal to Professor G. I. Taylor, for his distinguished theoretical and experimental researches in physics, geophysics, and aerodynamics.

The Bôcher prize of the American Mathematical Society has been awarded jointly to Professor Marston Morse, of Harvard University, for his memoir

entitled *The foundations of a theory of the calculus of variations in the large in m -space* (second paper), in volume 32 of the Society's Transactions, and to Professor Norbert Wiener, of the Massachusetts Institute of Technology, for his memoir entitled *Tauberian theorems*, in volume 33 of the Annals of Mathematics.

The National Academy of Sciences has awarded its Comstock prize to Professor P. W. Bridgman, of Harvard University, for his researches on the behavior of matter under high pressure.

The Edison medal of the American Institute of Electrical Engineers has been awarded to Professor A. E. Kennelly, of Harvard University, "for meritorious achievements in electrical science, electrical engineering, and the electrical arts, as exemplified by his contributions to the theory of electrical transmission and to the development of international electrical standards."

The gold medal of Villanova College has been awarded to the Abbé Georges Le Maitre, of the University of Louvain, visiting professor of astronomy at the Catholic University in Washington.

Professor A. Comessatti, of the University of Padova, has been elected a correspondent of the Academy of Sciences of Turin.

Professor F. Meyer, retired, of the University of Königsberg, has been elected a corresponding member of the Munich Academy of Sciences.

Professor René Thiry, of the University of Strasbourg, has been elected correspondent of the Paris Academy of Sciences in the section of mechanics.

Professor A. Tonolo, of the University of Padova, has been elected a correspondent of the Reale Istituto Veneto.

The University of Strasbourg has conferred an honorary doctorate on Professor Pieter Zeeman, of the University of Amsterdam.

On January 12, 1934, a dinner was given in honor of the seventieth birthdays of Professors E. B. Skinner, C. S. Slichter, and E. B. Van Vleck. This was also in honor of their long service to mathematics and to the University of Wisconsin where their aggregate term of teaching has been one hundred and fifteen years. Unfortunately Dean Slichter was ill and, although up to the afternoon of the dinner he had hoped to be there, it was impossible for him to be present. Professor M. H. Ingraham acted as toastmaster. Dean Sellery spoke first of the activities of all of the three men being honored, and particularly of Professor Skinner, and Professor Skinner replied to this address. Dr. Warren Weaver of the Rockefeller Foundation then spoke of the work and character of Dean Slichter, and President Frank, in response, read a reply that Dean Slichter had furnished that same afternoon. Professor G. D. Birkhoff of Harvard University then spoke of the research work and wide influence of Professor Van Vleck, and Professor Van Vleck replied. Ex-President Birge spoke of the work of all three of the men—and President Frank finally gave the thanks of the University to each for their long and valuable services.

Professor Albert Einstein has been elected to honorary membership in the American Astronomical Society.

Georgetown University has conferred the honorary degree of doctor of science on Dr. James Robertson, director of the Nautical Almanac Office of the United States Naval Observatory, in recognition of his work in theoretical astronomy.

Professor G. Andreoli, of the University of Catania, has been transferred to the University of Naples as professor of the calculus.

Dr. R. Caccioppoli, professor of algebraic analysis at the University of Padova, has been transferred to the professorship of the Galois theory of groups and algebraic equations at the University of Naples.

Dr. S. Cherubino, of the University of Naples, has been appointed associate professor of analytic and projective geometry at the University of Catania.

Professor H. G. Forder, head of the department of mathematics at Hymer's College, Hull, has been appointed professor of mathematics at Auckland College, New Zealand.

Dr. E. Gugino, of the University of Messina, has been promoted to an associate professorship.

Professor W. Heisenberg, of the University of Leipzig, has been appointed Scott lecturer at Cambridge University for the year 1934, and Professor G. von Hevesy, of the University of Freiburg i. Br., for the year 1935.

Dr. Lecaut has been appointed professor of rational and applied mechanics at the University of Rennes.

Dr. A. Masotti, of the Milan Technical School, has been promoted to an associate professorship of graphical statics.

Dr. G. D. Mattioli, of the University of Padova, has been appointed associate professor of rational mechanics at the University of Catania.

Dr. H. Milloux has been appointed professor of the infinitesimal calculus at the University of Bordeaux.

Professor Richard von Mises, director of the Institute for Applied Mathematics of the University of Berlin, and founder and for many years editor of the *Zeitschrift für Angewandte Mathematik und Mechanik*, has been appointed professor of pure and applied mathematics and director of the Mathematical Institute of the University of Istanbul. He will be succeeded as editor of the *Zeitschrift* by Professor Eric Trefftz, of Dresden.

The title of emeritus professor of eugenics has been conferred by the University of London on Dr. Karl Pearson on his retirement from the Galton chair of eugenics at University College.

Dr. W. Prager, formerly of Göttingen, has been appointed professor of mechanics at the University of Istanbul.

Dr. Fritz Reiche, professor of theoretical physics at the University of Breslau, has retired.

Dr. Erwin Schroedinger, professor of theoretical physics at the University of Berlin, has been appointed to a professorship in the same department at the University of Oxford.

Professor G. A. Bliss has been awarded the Martin A. Ryerson professorship at the University of Chicago, for his "brilliant and fruitful service to the University." Professor L. E. Dickson also holds a "distinguished service professorship" at that University.

Professor W. L. Bragg, of the University of Manchester, will be in residence at Cornell University from the beginning of February to the end of May, 1934, as visiting professor of chemistry.

Sir Arthur Stanley Eddington has been appointed Messenger lecturer at Cornell University for 1934. He will deliver a series of twelve lectures there on *New pathways of science* in April and May.

Dr. Howard Holston Alden, of Ohio State University, has been appointed head of the department of mathematics at the New Mexico Military Institute, Roswell, New Mexico.

Assistant Professor Max Morris has been promoted to an associate professorship at the Case School of Applied Science.

Harold Medway Martin, for forty-six years a member of the editorial staff of the English journal *Engineering*, and a mathematical physicist of distinction, died November 17, 1933.

Robert Hjalmar Mellin, retired professor of mathematics at the Helsingfors Technical School and for many years an editor of the *Acta Mathematica*, died April 5, 1933, at the age of seventy-eight.

Emile Meyerson, whose philosophical work has been of interest to mathematicians, died December 4, 1933.

The death is reported of Dr. Albert Wangerin, formerly professor of mathematics at the University of Halle.

Mr. John McDonnell, formerly of the Canadian Geodetic Survey of Ottawa, a member of the American Mathematical Society since 1914, died December 29, 1933.

Mr. E. R. Matthews, University fellow in mathematics at the University of California, Berkeley, is dead.

Dr. John Merrill Poor, professor of astronomy at Dartmouth College and head of the Shattuck Observatory, died December 11, 1933, at the age of sixty-two.

Professor P. L. Saurel, for many years head of the department of mathematics at the College of the City of New York, died January 21, 1934, at the age of sixty-three.