NOTES

In addition to those 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: C. R. Adams, A. A. Albert, W. L. Ayres, E. T. Bell, B. A. Bernstein, A. B. Brown, Alonzo Church, Arnold Dresden, G. C. Evans, Raymond Garver, D. C. Gillespie, E. V. Huntington, Louis Ingold, Dunham Jackson, O. D. Kellogg, A. J. Kempner, E. P. Lane, D. H. Lehmer, M. I. Logsdon, C. C. MacDuffee, A. D. Michal, C. N. Moore, R. L. Moore, Oystein Ore, F. R. Sharpe, Virgil Snyder, E. B. Stouffer, J. D. Tamarkin, H. S. Wall, J. H. M. Wedderburn, H. S. White, Hassler Whitney, G. T. Whyburn, W. M. Whyburn, R. L. Wilder. The editors desire publicly to recognize this service.

In addition to the members of the editorial board of the Transactions of this Society, the following persons have assisted the editors by refereeing papers offerred for publication in the volume for 1932: A. A. Albert, W. L. Ayres, Alonzo Church, L. E. Dickson, Jesse Douglas, H. M. Gehman, J. J. Gergen, L.M. Graves, T. H. Hildebrandt, E. Hopf, E. V. Huntington, B. O. Koopman, C. C. MacDuffee, E. D. Pepper, Tibor Radó, Stanislaw Saks, J. B. Shaw, H. S. Vandiver, J. H. M. Wedderburn, J. H. C. Whitehead, Hassler Whitney, D. V. Widder. The editors appreciate this assistance and desire to give it this public recognition.

Three volumes of the Colloquium Publications of this Society have appeared in 1932 (volumes 13, 14, and 15 of the series): *Foundations of Point Set Theory*, by R. L. Moore; *Differential Equations from the Algebraic Standpoint*, by J. F. Ritt; *Linear Transformations in Hilbert Space and their Applications to Analysis*, by M. H. Stone.

Copies of Nazimoff's *Applications of the Theory of Elliptic Functions to the Theory of Numbers*, translated from the Russian and mimeographed (see this Bulletin, vol. 35, p. 735), may now be had for $1.50.

The Astrophysical Union met at Cambridge, Mass., September 2–9, 1932. On this occasion Sir Arthur Eddington delivered an address on *The expanding universe*.

Dr. Max Planck, professor emeritus of theoretical physics at the University of Berlin, has recently received a Goethe medal from the German government.

Assistant Professor W. L. Ayres has received the Henry Russell Award for 1932 at the University of Michigan. This prize is awarded annually to a young man of the faculty of that University for past achievement and future promise in research. The prize was established in 1925.

A monument to P. S. Laplace was unveiled at his birthplace (Beaumont-en-Auge), on August 13, 1932.

The University of Paris has conferred an honorary doctorate on Sir C. V. Raman, professor of physics at the University of Calcutta.

The University of Belfast has conferred an honorary doctorate of science on Dr. A. C. Dixon, professor of mathematics at Queen's University, Belfast.

Dr. William Bowie, of the United States Coast and Geodetic Survey, has been elected a member of the State Russian Geographical Society.

Professor A. H. Compton, of the University of Chicago, has been elected a corresponding member of the Prussian Academy of Sciences.

Dr. Alois Kovarik, professor of physics at Yale University, was the recipient on July 2 of an honorary Doctor of Science from Charles University in Prague, and on June 10 of the Memorial Medal from Comenius University at Bratislavia.

Dr. Irving Langmuir, of the General Electric Company, has been elected a member of the Academy of Sciences of Halle.

Dr. Louis de Broglie, professor "sans chaire" at the University of Paris, has been appointed to the professorship of physical theories at that university.

Sir C. V. Raman, professor of physics at the University of Calcutta, has been appointed director of the Indian Institute of Science, Bangalore.

Dr. Robert Sauer, of the Aachen Technical School, has been promoted to an associate professorship of descriptive geometry and applied mathematics.

Associate Professor Otto Volk has been promoted to a professorship of mathematics at the University of Würzburg.

The University of Oregon and Oregon State Agricultural College have been put under one board and one chancellor, and a number of changes in function have been made. One of these is to place all advanced work in science and mathematics at the State College, and Professor W. E. Milne, who has been professor of mathematics at the University since 1919, has been made head of the department of mathematics at the State College.

The Institute of Advanced Study, founded by Louis Bamberger and Mrs. Felix Fuld, and directed by Dr. Abraham Flexner, will open its mathematics school, the first of a series of schools for research, in the fall of 1933, using Fine Hall, Princeton University, as its temporary headquarters. Professor Albert Einstein, of Berlin, has been appointed professor of mathematical physics, Professor Oswald Veblen professor of mathematics, Dr. Walter Mayer associate in mathematics, and Dr. J. L. Vanderslice assistant.

Dr. Jan H. Oort, lecturer and observer at the University of Leyden, arrived in Delaware, Ohio, October 4, to begin photometric studies of nebulae in a cooperative plan with the Perkins Observatory of Ohio Wesleyan University. While at the Perkins Observatory Dr. Oort will give a special series of lectures on stellar statistics on Thursday afternoons, beginning October 13. The titles of the lectures are: "The Observational Data," "Methods of Determining Stellar Distributions," "General Structure of the System of Stars," "Stellar Dynamics I," "Stellar Dynamics II," and "Galactic Rotations." The lectures and discussions are open to all interested.

Professor H. Weyl of the University of Göttingen has accepted the invitation of Swarthmore College to give the William J. Cooper Foundation Lectures for 1932–33. He is expected to be there from the middle of February until the middle of March. During this period, he is to give five lectures on the general subject of Mind and Nature and to take part in the honors work of the college. The lectures are open to the public.

Dr. O. E. Brown has been promoted to an assistant professorship at the Case School of Applied Science.

Mr. R. C. Bullock, of the University of North Carolina, has been appointed to an acting professorship at Lambuth College, Jackson, Tenn.

Dr. Fay Farnum has been promoted to an assistant professorship at Washington Square College, New York University.

Assistant Professor P. H. Graham, of Washington Square College, New York University, has been promoted to a professorship of mathematics.

Professor Alfred Hume, of the University of Tennessee, has been appointed chancellor of the University of Mississippi.

Dr. Eberhard Hopf has been appointed assistant professor of mathematics at the Massachusetts Institute of Technology.

Assistant Professor F. W. John has been promoted to an associate professorship at Washington Square College, New York University.

Assistant Professor A. L. Meder, of the department of mathematics at the New Jersey College for Women, has been appointed acting dean of that college.

Professor O. M. Norlie, of Hartwick College, has been appointed director of the new graduate school of Hartwick Seminary, Brooklyn.

Dr. J. H. Service, of Henderson State College, has been appointed assistant professor of mathematics at Michigan College of Mining and Technology.

Dr. H. L. Slobin, head of the department of mathematics at the University of New Hampshire, has been appointed dean of the Graduate School.

Dr. W. R. Thompson has been appointed research assistant in pathology at Yale University.

Assistant Professor Marion M. Torrey, of Goucher College, has been promoted to an associate professorship.

Dr. Joseph Wilczewski, of St. Louis University, has been appointed to a professorship at Mount St. Michael.

Miss Marguerite L. Zeigel has been appointed to a position in the department of mathematics and physics at Lander College, Greenwood, S. C.

The following appointments to instructorships in mathematics are announced:

Long Beach (California) Junior College, Mr. A. L. Buckman;

College of the City of New York, Dr. E. L. Post;

New York University, University Heights Branch, Mr. F. C. Hall;

Michigan College of Mining and Technology, Mr. Nels Johnson;

Tulane University, Mr. J. F. Thomson.

Professor Max Wolf, director of the Königstuhl Observatory of Heidelberg, died October 3, 1932, at the age of sixty-nine.

Professor W. M. Brodie, of the Virginia Polytechnic Institute, died in April, 1932.

Mr. R. L. Faris, hydrographer and geodetic engineer, assistant director of the United States Coast and Geodetic Survey, died October 5, 1932, at the age of sixty-four.

The death is reported of Dean H. J. Hughes, of the Engineering School of Harvard University.

M. B. Snyder, formerly director of the Philadelphia Observatory and professor of mathematics at the Central High School, Philadelphia, died September 27, 1932, at the age of eighty-four. Professor Snyder had been a member of the American Mathematical Society since 1895.

The death is reported of Professor G. F. Swain, of Harvard University.

Professor E. J. Wilczynski, emeritus professor of mathematics at the University of Chicago, died September 15, 1932, at the age of fifty-six. Professor Wilczynski had been a member of the American Mathematical Society since 1899. A more adequate notice will appear in an early issue of this Bulletin.