

NOTES

At the Summer Meeting of the Society at Cornell University, on September 8-12, the Tenth Colloquium of the Society will consist of two courses of lectures: *The new differential geometry*, by Professor L. P. Eisenhart; and *The theory of approximation*, by Professor Dunham Jackson.

The Western Christmas Meeting of the Society and the meeting of the Southwestern Section of the Society will be held at Kansas City, in conjunction with the meeting of the American Association for the Advancement of Science. At the time of these meetings, Professor James Pierpont will deliver the annual Gibbs lecture, on the topic *Some modern views of space*. It is planned to hold the ordinary meeting on Tuesday, December 29, to have a joint session with the Mathematical Association and with Section A on Wednesday morning, and to have the Gibbs lecture presented before a general session of the American Association on Wednesday afternoon. The ordinary meeting of the Mathematical Association will probably fall on Thursday.

The opening number of volume 27 of the TRANSACTIONS OF THIS SOCIETY (January, 1925) contains the following papers: *On normal forms of differential equations*, by W. F. Osgood; *Congruences with constant absolute invariants*, by H. L. Olson; *On the prime divisors of the cyclotomic functions*, by C. M. Huber; *On the roots of the Riemann zeta function*, by J. I. Hutchinson; *A generalization of the Riemannian line element*, by J. L. Synge; *Elementary functions and their inverses*, by J. F. Ritt; *Analytic transformations of everywhere dense point sets*, by Philip Franklin; *An algebraic solution of the Einstein equations*, by Edward Kasner; *Electrodynamics in the general relativity theory*, by G. Y. Rainich.

At the meeting of the Division of Physical Sciences of the National Research Council in Washington on April 26, the following officers were elected for the year beginning June, 1925: Chairman, J. S. Ames; Secretary, W. E. Tisdale; Vice-Chairman, F. K. Richtmyer; Executive Committee, J. S. Ames (chairman), G. D. Birkhoff, P. D. Foote, D. C. Miller, L. Page, F. K. Richtmyer. The following persons were elected members at large: G. D. Birkhoff, D. L. Webster. New members representing scientific societies were announced as follows: for the American Astronomical Society, J. Stebbins; for the American Mathematical Society, L. P. Eisenhart; for the American Physical Society, A. J. Dempster and A. L. Foley; for the Division of Federal Relations, W. Bowie.

The British Association for the Advancement of Science will meet at Southampton, August 26–September 2, 1925. Dr. C. G. Simpson has been appointed President of Section A (mathematics and physics) and Dr. A. M. Tyndall recorder of that Section for this meeting.

The Westphalian Mathematical Society announces that it will hold a celebration in honor of Weierstrass (Weierstrass-Woche) from June 2 to June 6, 1925, at the University of Münster. Addresses will be made by G. Mittag-Leffler, D. Hilbert, O. Perron, P. Koebe, L. Bieberbach, and K. Knopp.

The Cambridge University Press has in preparation a new edition of Whitehead and Russell's *Principia Mathematica*, of which the first volume will appear shortly.

The Royal Belgian Academy has awarded its Decennial Prize for Applied Mathematics for the period 1913–1922 to Professor T. De Donder, for his works on the Einstein theory of gravitation and his *Leçons de Thermodynamique et de Chimie Physique*.

At the centenary celebration in Copenhagen of the Society for the Spread of Natural Philosophy, the Oersted gold medal of that Society was presented to Professor Neils Bohr.

The Alfred Ackermann-Teubner Memorial Prize for the promotion of mathematical sciences has been awarded to Dr. Arnold Kohlschütter, of the Astrophysical Observatory at Potsdam, for his determination of the absolute brightness of stars from the intensity relations of certain spectral lines announced in volume 40 of the *ASTROPHYSICAL JOURNAL*.

The Ernst Abbe Prize, founded in 1921 by Carl Zeiss for the furtherance of mathematics and physics, has been awarded to Professor Felix Klein, for his mathematical work.

Sir J. J. Thomson has been awarded the Faraday medal of the Institution of Electrical Engineers, London.

The gold medal of the Royal Astronomical Society has been awarded to Sir Frank Dyson, Astronomer Royal, for his contributions to astronomy, and in particular for his researches on the proper motions of the stars.

The Carnegie Institution has granted to Professor D. N. Lehmer, of the University of California, a preliminary sum of \$ 500 with which to start the work of constructing the stencils described in his paper, *On a new method of factorization* (*PROCEEDINGS OF THE NATIONAL ACADEMY*, vol. 11, No. 1).

Among the grants in aid of research announced by the American Association for the Advancement of Science for 1925 are the following:

\$250 to Dr. H. W. Stager, of the University of Washington, for building a computing machine for use in constructing a list of prime numbers and a factor table; \$300 to Professor A. O. Leuschner, of the University of California, for use in the study of the perturbations of minor planets.

Professor J. Hadamard, of the Collège de France, arrived in this country on April 26 and returned to France on June 17. He spent this period of two months in travel and in lecturing at the universities of Illinois, Wisconsin, Indiana, California Southern Branch, Stanford, California (Berkeley), and Rice Institute. The subjects of some of his lectures were: *Huyghens' principle, Some recent points of view on the notion of function. The second period of the work of Poincaré on differential equations, and Some recent improvements in the geometry of circles in space.*

On the occasion of the Third Pan-American Scientific Congress (see this BULLETIN, vol. 30, p. 566, and p. 290 of this number), the University of San Marcos, at Lima, conferred the degree of Honorary Doctor in the Faculty of Sciences on Professor E. V. Huntington, of Harvard University.

At the University of Catania, Dr. G. Albanese, Dr. G. Andreoli, and Dr. A. Terracini have been appointed to associate professorships, in the fields of projective and descriptive geometry, the calculus, and analytic geometry, respectively.

At the University of Cagliari, Dr. B. Caldonazzo has been appointed associate professor of rational mechanics.

At the University of Florence, Dr. F. Tricomi has been appointed associate professor of analysis.

At the University of Genoa, Dr. P. Straneo has been appointed associate professor of mathematical physics.

Professor Gustav Herglotz, of the University of Leipzig, has been appointed professor of mathematics at the University of Göttingen.

Professor B. Janet, of the University of Rennes, has been appointed professor of differential and integral calculus at the University of Caen, as successor to Professor C. Riquier, retired.

At the University of Messina, Dr. U. Crudeli has been appointed associate professor of mathematical physics.

Dr. L. Neder has been appointed to an associate professorship at the University of Leipzig.

Professor G. Pólya, of the Zurich Technical School, has been awarded a Rockefeller travelling fellowship for a year's residence at Oxford and Cambridge.

Professor H. Tietze, of the University of Erlangen, has been appointed to a professorship at the University of Munich.

Professor F. Meyer, of Königsberg, and Professor C. Runge, of Göttingen, have retired from active teaching.

The following have been admitted as privat docents: Dr. H. Behnke, at the University of Hamburg; Dr. F. Krauss, at the Technical School at Aachen; Dr. A. Walther, at the University of Göttingen; Dr. J. Wellstein, at the Technical School at Karlsruhe.

The following appointments as privat-docents in Italian universities are announced: University of Florence, Dr. E. Fermi; University of Palermo, Mrs. Margherita Piazzolla Beloch.

Professor A. A. Bennett, of the University of Texas, has been appointed head of the department of mathematics at Lehigh University.

At the University of North Carolina, Associate Professors A. W. Hobbs and J. W. Lasley, Jr., have been promoted to full professorships and Assistant Professor A. S. Winsor to an associate professorship of mathematics; Mr. J. B. Linker has been promoted to an assistant professorship of applied mathematics.

Assistant Professor V. B. Hinsch, of the Missouri School of Mines, has been promoted to an associate professorship of mathematics.

Assistant Professor H. M. Morse, of Cornell University, has been appointed associate professor of mathematics at Brown University.

Dr. H. L. Olson, of the University of Michigan, has been appointed assistant professor of mathematics at Michigan Agricultural College.

Professor G. E. F. Sherwood, of the Southern Branch of the University of California, has been granted leave of absence for the next academic year, and will go to Cambridge, England, for study.

Mr. Telesforo Tienzo has been promoted to an assistant professorship of mathematics at the University of the Philippines.

The following appointments to instructorships are announced:

Columbia University, Dr. M. H. Stone;
University of Michigan, L. M. Blumenthal, H. F. Schiefer, E. H. Wagner;
University of North Carolina, Mr. C. H. Benson;
Randolph-Macon College, S. T. Arnold and W. S. McClintic.

Professor Paul Urysohn, of Moscow, died August 17, 1924.

Professor P. Schafheitlin, of the Berlin Technical School, died October 2, 1924.

Professor G. J. Wallenberg, of the Berlin Technical School, died November 16, 1924, at the age of sixty years.