NOTES

In addition to those on 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: A. A. Albert, Harry Bateman, E. T. Bell, B. A. Bernstein, H. F. Blichfeldt, Henry Blumberg, R. D. Carmichael, A. B. Coble, J. L. Coolidge, H. T. Davis, L. E. Dickson, L. L. Dines, G. C. Evans, Peter Field, T. C. Fry, Raymond Garver, Lois W. Griffiths, G. H. Hardy, T. R. Hollcroft, E. V. Huntington, Edward Kasner, J. R. Kline, E. P. Lane, C. H. Langford, C. G. Latimer, W. A. Manning, Marston Morse, F. D. Murnaghan, J. H. Neelley, James Pierpont, J. F. Ritt, J. A. Shohat, Virgil Snyder, E. B. Stouffer, J. D. Tamarkin, H. S. Vandiver, Warren Weaver, J. H. M. Wedderburn, G. T. Whyburn, W. M. Whyburn, D. V. Widder, R. L. Wilder, A. R. Williams, W. A. Wilson, R. M. Winger, B. C. Wong, F. E. Wood, J. W. Young. The editors desire publicly to recognize this service.

On account of the death of Dr. J. W. L. Glaisher, editor of the Quarterly Journal of Mathematics and the Messenger of Mathematics, the former journal will be discontinued, with the completion of its fiftieth volume. Professor G. H. Hardy has consented to edit the current volume (volume 58) of the Messenger of Mathematics, and it is hoped that this journal can be continued.

The first Congress of Roumanian Mathematicians was held at the University of Cluj, May 9-12, 1929. The attendance included one hundred fifty persons, and fifty communications were read.

Professor Florian Cajori, of the University of California, has been elected a vice-president of the Comité International d'Histoire des Sciences, which met at Paris, May 24, 1929. The official organ of this society is Archeion, edited by A. Mieli.

The Swiss Mathematical Society has established a foundation for the advancement of the mathematical sciences in Switzerland. The income of this foundation is to be used for the support of the Commentarii Mathematici Helvetici and other mathematical publications.

At the tenth annual meeting of the American Geophysical Union, Dr. William Bowie was elected chairman of the Union, and Mr. W. D. Lambert chairman of the section of geodesy.

The Ernst Abbe Memorial Prize for mathematics and physics for 1928 has been awarded to Professor Alexander Meissner, of Berlin, "dem Erfinder des Röhrengenerators."

The committee on astronautics of the Astronomical Society of France

has awarded its first annual international prize to Hermann Oberth, of the College of Medinsch, Roumania.

The New York Academy of Sciences offers its A. Cressy Morrison prize "No. I" for 1930 for a paper on solar and stellar energy. Competition is open to all.

On the occasion of its centenary celebration, the Stuttgart Technical School has made Professors A. Stodola of Zurich, and S. Finsterwalder, of Munich "Ehrenbürger," and has conferred an honorary doctorate on Professor E. Trefftz, of Dresden. The Zurich Technical School has conferred honorary degrees on Professors F. Emde and R. Grammel, of Stuttgart.

Professor O. Chisini, of the University of Milan, has been elected correspondent of the Reale Istituto Lombardo.

On the occasion of its seventh centenary celebration, the University of Toulouse conferred an honorary doctorate on Professor Tullio Levi-Civita, of the University of Rome. Professor Levi-Civita has also recently received an honorary doctorate in engineering from the Technical School of Aachen, for his work in mechanics and especially in hydrodynamics.

The University of Pisa has established a foundation for the advancement of mathematics, in honor of the late Professor L. Bianchi, of that university.

The University of Durham has conferred an honory doctorate on Sir Frank Dyson, astronomer royal.

Assistant Professor E. C. Bower, of the department of astronomy and mathematics at Ohio Wesleyan University, has been appointed Martin Kellogg fellow at the Lick Observatory of the University of California, with academic residence at Berkeley.

Dr. Deborah M. Hickey has been awarded an Alice Freeman Palmer fellowship at Wellesley College.

Dr. Alexander Pogo, of the Yerkes Observatory, has been appointed fellow in the history of science by the Carnegie Institution of Washington. He will work at Harvard University.

Dr. E. Esclangon, director of the Strasbourg Observatory, has been appointed director of the Paris Observatory.

Professor F. Gonseth, of the University of Bern, has been called to the professorship of higher mathematics at the Zurich Technical School, as successor to Professor J. Franel, who has retired.

Dr. Hermann Müntz, of the Institut Einstein in Berlin, has been appointed professor of mathematics at the University of Leningrad.

Mr. N. F. Mott has been appointed lecturer in mathematical physics at the University of Manchester.

At Ohio State University, Professor Alfred Landé, of the University of Tübingen, has been appointed visiting professor of theoretical physics for the autumn and winter quarters of 1929-30. Dr. L. H. Thomas, of Trinity College, Cambridge, has been appointed visiting assistant professor of theoretical physics for the autumn, winter, and spring quarters.

Dr. W. L. Ayres has been appointed to an assistant professorship at the University of Michigan.

Professor D. P. Bartlett, of the Massachusetts Institute of Technology, has retired.

Professor R. D. Carmichael has been appointed administrative head of the department of mathematics at the University of Illinois, as successor to Professor E. J. Townsend, who has retired.

Professor W. L. Crum, of Stanford University, has been appointed professor of economics at Harvard.

Assistant Professor P. D. Edwards, of Ball Teachers College, has been promoted to an associate professorship.

Mr. W. I. Foster, of Rochester Junior College, has been appointed assistant professor of mathematics at Northern Montana School.

Dr. B. F. Kimball, of Cornell University, has been appointed to an assistant professorship at the University of New Hampshire.

Assistant Professor E. E. Libman, of the University of Illinois, has resigned to accept a position in the marine and air craft engineering department of the General Electric Company.

Associate Professor T. A. Pierce, of the University of Nebraska, has been promoted to a professorship.

Dr. Hillel Poritsky, has accepted a position with the General Electric Company.

Assistant Professor S. A. Schelkunoff, of the State College of Washington, has resigned to accept a position in the Bell Telephone Laboratories, New York City.

Mr. C. K. Sherer, of the University of Nebraska, has been appointed head of the department of mathematics at Texas Christian University.

Assistant Professor G. W. Smith, of the University of Kansas, has been promoted to an associate professorship.

Dr. Roxana H. Vivian has been appointed professor of mathematics at Hartwick College, Oneonta.

Mr. E. H. Wells, of Princeton University, has been appointed to an assistant professorship at the University of New Hampshire.

Dr. E. W. Woolard, of the George Washington University, has been promoted to an assistant professorship of mathematics.

Dr. H. A. Zinszer, professor of physics and acting professor of mathematics at Hanover College, has been appointed professor of physics and astronomy at the Kansas State Teachers College.

The following appointments to instructorships are announced:
Connecticut College, Miss Grace Shover;
Newark College of Engineering, Mr. J. H. Fithian;
New York University, Dr. D. A. Flanders, Mr. E. H. Johnson, Mr. A. S. Peters;
Ohio State University, Dr. P. M. Swingle;
Pennsylvania State College, Dr. Leo Zippin.

Mr. G. Coradi, known as a maker of mathematical instruments, especially integraphs and harmonic analyzers, died March 2, 1929, at the age of eighty-one.

Professor Emil Hilb, of the University of Wurzburg, died August 6, 1929.

Professor T. Lalesco, of the University of Bucarest, known for his work in integral equations, died June 15, 1929.

Professor F. Rudio, retired, of the Zurich Technical School, died, in June 1929, at the age of seventy-two.

Associate Professor Otto Schreier, of the University of Rostock, is dead.

Mr. G. R. Kaye, well known as a writer on the early history of Hindu mathematics, died July 1, 1929, at the age of sixty-two. He is best known for his elaborate study of the 'Bakhshālī Manuscript, appearing in the Archaeological Survey of India, volume 43, Calcutta, 1927. In all his writings, he tended to the belief that India owed her early mathematics only to the Greeks.

Professor F. C. Kent, of the Oregon State Agricultural College, died June 11, 1929. Professor Kent had been a member of this society since 1911.