

NOTES

The twenty-ninth summer meeting of the American Mathematical Society will be held at the University of Rochester, Rochester, New York, on Thursday and Friday, September 7 and 8. The regular sessions will be held in the Eastman Building. Kendrick Hall will be open for the accommodation of a limited number of men, and there are several hotels conveniently located. An excursion is being planned, and the usual joint dinner will be arranged with the Mathematical Association of America, which will hold its sessions immediately before those of the Society. Opportunity will be offered to those who desire to inspect the Research Laboratory of the Eastman Kodak Company, and the works of the Bausch and Lomb Optical Company.

Rochester is on the main line of the New York Central Railroad, and may be reached by several other roads.

Titles and abstracts of papers intended for presentation at the meeting should be in the hands of the secretary by August 10 in order to appear on the printed program. Papers received after that date can be presented only as time permits. This announcement replaces the preliminary notice issued in the past. The attention of members is invited to the fact that no other preliminary notice will be issued.

The editors of the AMERICAN MATHEMATICAL MONTHLY request us to announce that current issues of that journal have been long delayed not only on account of the general printing situation, which has affected all mathematical journals in America, but also still further on account of difficulties incident to transfer of editorial responsibility. These obstacles seem now to be overcome, and there is hope for gradual return to normal conditions.

A number of periodicals devoted wholly or in part to mathematics have recently been founded in various European countries. Among them are the following: ABHANDLUNGEN AUS DEM MATHEMATISCHEN SEMINAR DER HAMBURGISCHEN UNIVERSITÄT, edited by Professors W. Blaschke, E. Hecke, and J. Radon. CHRISTIAAN HUYGENS, INTERNATIONAAL MATHEMATISCH TIJDSCHRIFT, edited by Dr. F. Schuh and published by Noordhoff, at Groningen, Holland. REVISTA MATEMATICA DIN TIMIȘOARA, published under the auspices of the polytechnic school at Timișoara, Roumania, and devoted mainly to elementary mathematics and problems. SPISY VYDÁVANÉ PŘÍRODOVĚDECKOU FAKULTOU MASARYKOVY UNIVERZITY (memoirs published by the faculty of sciences of the Masaryk University), Brno (Brünn), Czecho-Slavia. WARSZAWSKIE TOWARZYSTWO POLITECHNICHE, SPRAWOZDANIA I PRACE, published by the Warsaw Polytechnic Society, and containing reports of meetings of that Society and memoirs on mathematical physics.

At the meeting of the American Association for the Advancement of Science at Toronto (December 27-31, 1921), Professor G. A. Miller was elected vice-president of Section A (mathematics) and chairman of that section. The University of Toronto conferred its honorary doctorate of

science on Professor E. H. Moore, president of the Association and an ex-president of the American Mathematical Society, on the occasion of this meeting.

The American Astronomical Union has appointed a committee on relativity consisting of Dr. Ludwik Silberstein (chairman) and Professors Edward Kasner, A. A. Michelson, and D. C. Wilson.

The British Association for the Advancement of Science will meet at Hull, September 6-13, 1922, under the presidency of Professor C. S. Sherrington. Professor G. H. Hardy is president of Section A (mathematics and physics) and Professor A. O. Rankine recorder of that section.

The London Mathematical Society has recently elected the following officers: H. W. Richmond, president; J. E. Campbell, A. L. Dickson and W. H. Young, vice-presidents; A. E. Western, treasurer; G. H. Hardy and G. N. Watson, secretaries.

The Belgian Mathematical Society (Cercle mathématique de Belgique) was founded at Brussels, October 20, 1921. T. De Donder is president.

In June, 1921, another mathematical society, Les Amis des Nombres, was founded, also at Brussels. Its aim is "to unite those who are primarily interested in numbers, both professional mathematicians and amateurs." The secretary of this society is A. Gérardin, and its official organ is the *SPHINX-ŒDIPÈ*, of which he has been editor for many years.

The Optical Society of America has arranged to bring out an English translation of Helmholtz's *Handbuch der physiologischen Optik* as a memorial of the hundredth anniversary of the author. Contributions are solicited to defray the expense of the project, and should be sent to Adolph Lomb, Treasurer of the Optical Society of America, care of Bausch and Lomb Optical Company, Rochester, N. Y.

In connection with the celebration of the twenty-fifth anniversary of the Chicago section of the American Mathematical Society, a fund has been collected, which is to be offered for trusteeship to the Society under the name of the Eliakim Hastings Moore Fund. It is proposed that the income be used for the promotion of mathematical research by the publication of important books and memoirs, and ultimately also by the award of prizes for important contributions to mathematics.

The class of sciences of the Royal Academy of Belgium has awarded prizes to P. Montel for his memoir *Sur les familles quasinormales de fonctions holomorphes* and to L. Godeaux for his memoir *Sur les transformations rationnelles de Jonquières de l'espace*. The following subjects are announced for prizes to be awarded in 1923: *An important contribution to infinitesimal geometry*, and *A contribution to the problem of bodies in the Einstein theory*.

The Paris Academy of Sciences announces the award of the following prizes in mathematics: the Francœur prize to René Baire, for his work in the general theory of functions; the Petit d'Ormois prize to the late Georges Humbert, for his mathematical work; the Saintour prize to Pierre Boutroux, for his work in the theory of differential equations and in the history of

sciences. The Bordin prize was not awarded and the subject (in analysis situs) was withdrawn.

The Italian Society of Sciences (the XL) has awarded its prize in mathematics for 1921 to Professor O. Tedone.

The Royal Society of London has awarded its Copley medal to Sir Joseph Larmor for his work in mathematical physics, and its Hughes medal to Professor Niels Bohr, of the University of Copenhagen, for his work in theoretical physics, especially on the structure of the atom.

The gold medal of the Royal Astronomical Society has been awarded to Dr. J. H. Jeans for his researches in stellar cosmogony.

A prize for an essay in applied mathematics, the Alan Bodey prize, has been founded at Gonville and Caius College, Cambridge University. The annual value of this prize is £ 10.

The Paris Academy of Sciences has elected Professor J. Andrade a correspondent in the section of mechanics, Professor M. Brillouin a member in the section of general physics, and Professor M. d'Ocagne a member in the section of "académiciens libres."

The Accademia dei Lincei, Rome, announces the election of Professor R. Marcolongo as member in the section of pure and applied mathematics, and of Professor G. Armellini as corresponding member and Professors A. Einstein and C. de la Vallée Poussin as foreign associates in that section.

The Italian Society of Sciences (the XL) has elected Professors E. Almansi and G. Ricci to membership.

Professor Niels Bohr has been elected a member of the Royal Institution, London.

The following advanced courses are announced for the summer session of 1922:

UNIVERSITY OF CHICAGO: First term, June 19–July 26; second term, July 27–September 1. By Professor E. H. Moore: Fundamental number systems of analysis, first term; Limits and series, first term. By Professor H. E. Slaught: Elliptic integrals; Differential equations. By Professor G. A. Bliss: Functions of a complex variable; Calculus of variations. By Professor E. J. Wilczynski: Metric differential geometry. By Professor J. W. A. Young: Theory of equations. By Professor F. R. Moulton: Celestial mechanics. By Professor A. C. Lunn: Statistics and probability; vector analysis. By Professor R. L. Moore: Foundations of analysis situs. By Mr. H. S. Vandiver: Theory of numbers.

Professor J. Nielsen, of the Breslau Technical School, has been appointed to a professorship at the Academy of Agriculture at Copenhagen.

Dr. R. Wavre has been admitted as privat-docent at the University of Geneva.

Dr. K. Eisenmann has been appointed professor of technical mechanics at the Braunschweig Technical School.

In the faculty of sciences of the University of Paris, Professor J. Drach has been transferred from the chair of general mathematics to that of the

application of analysis to geometry, and Professor E. Cotton from the chair of theoretical physics to that of general physics (as successor to the late Professor G. Lippmann).

The following appointments to professorships in other French universities are announced: Dr. Darmois (higher analysis) at the University of Nancy; Dr. Deltheil (general mathematics) at the University of Toulouse; Dr. G. Giraud (differential and integral calculus) at the University of Clermont; Dr. P. Humbert (mathematics) at the University of Montpellier; Dr. J. Pérès (rational mechanics) at the University of Montpellier; Dr. E. Turrière (rational mechanics) at the University of Aix-Marseilles.

At the University of Rome, Professor G. Bagnera, of the University of Palermo, has been appointed professor of infinitesimal analysis, Professor F. Severi, of the University of Padua, professor of algebraic analysis, and Professor F. Enriques, of the University of Bologna, professor of mathematical methodology; and Dr. Zondadari has been admitted as privat-docent in descriptive geometry.

Professor U. Cisotti, of the University of Pavia, has been appointed professor of mathematical physics at the Milan Technical Institute.

Dr. J. H. Jeans, secretary of the Royal Society of London, has been appointed Halley lecturer at Oxford University for 1922.

Mr. W. E. H. Berwick, university lecturer at Cambridge, has been appointed to a fellowship at Clare College.

Mr. H. W. Turnbull has been appointed regius professor of mathematics at the University of St. Andrews, as successor to Sir P. S. Leng, who has resigned.

Dr. J. W. Nicholson, formerly of the University of London, has been appointed to a war memorial fellowship as tutor in mathematics and physics at Balliol College, Oxford.

Dr. L. L. Dines has been promoted to a senior professorship of mathematics at the University of Saskatchewan, and granted leave of absence for the second half of the present academic year.

Mr. F. W. Winters has been appointed assistant professor of mathematics at Dalhousie College, Halifax, Nova Scotia.

Professor F. S. Nowlan, of Bowdoin College, has been appointed lecturer in mathematics at the University of Manitoba.

Dr. J. J. Nassau has been appointed assistant professor of mathematics and astronomy at the Case School of Applied Science.

Miss Elsie M. Plapp, of the University of Wisconsin, has been appointed adjunct professor of mathematics at Hollins College.

Mrs. H. B. Newson, formerly assistant professor of mathematics at Washburn College, has been appointed professor of mathematics at Eureka College.

Associate Professor Emma L. Konantz has returned to Ohio Wesleyan University after two years leave of absence spent in teaching at Peking University.

At the University of Denver, Mr. B. F. Dostal, of Oberlin College, has been appointed assistant professor of mathematics.

Mr. Ralph Beatley, of Horace Mann School and Teachers College, Columbia University, has been appointed assistant professor of education at Harvard University; his work will lie in the field of the teaching of mathematics, and he will also give one course in the department of mathematics.

Dr. F. C. Touton has been appointed lecturer in secondary education at the University of California.

Mrs. Ethelwynn R. Beckwith, formerly assistant professor of mathematics at the College for Women, Western Reserve University, has been appointed acting assistant professor of mathematics at Vassar College.

Mr. J. C. Funk has been appointed head of the department of mathematics at the Santa Maria high school and junior college.

At the U. S. Naval Academy, Mr. G. F. Abrich, Mr. R. P. Johnson, Mr. R. C. Lamb, Mr. E. S. Mayer, and Mr. J. B. Scarborough have been promoted from instructorships to assistant professorships of mathematics.

Dr. Philip Franklin has been appointed Benjamin Peirce Instructor at Harvard University for the year 1922-23.

Recent appointments as instructor in mathematics in American colleges and universities are as follows: Brown University, Mr. H. K. Cummings; Syracuse University, Mr. I. S. Carroll; University of Colorado, Dr. Claribel Kendall (returned from leave of absence); University of Michigan, Mr. J. P. Ballantine, and Mr. W. M. Coates.

The death of Professor Charles Cailler of the University of Geneva is reported.

Professor Eduard Gubler, of Zürich, died November 6, 1921, at the age of seventy-six years.

Professor H. J. Cotterill, of the Royal Naval College, Greenwich, died January 8, 1922, at the age of eighty-six years.

Professor W. Foord-Kelcey, of the Royal Military Academy, Woolwich, died January 3, 1922, at the age of sixty-seven years.

Professor C. J. Lambert, of the Royal Naval College, Greenwich, died November 11, 1921, at the age of seventy-seven years.

Rev. J. B. Lock, formerly lecturer on mathematics and tutor at Caius College, Cambridge, died September 8, 1921, at the age of seventy-two years.

Mr. George Wentworth, co-author with Professor D. E. Smith of the Wentworth and Smith series of mathematical text-books, died August 26, 1921, at the age of fifty-three years. Mr. Wentworth had been a member of the American Mathematical Society since 1910.

The death of Professor W. W. Beman, previously announced in this BULLETIN (vol. 28, p. 82) occurred on January 18, 1922, not 1921 as there stated.