# NOTES

The concluding number of volume 22 of the TRANSACTIONS OF THIS SOCIETY (October, 1921, published in May, 1923) contains the following papers: *On certain numerical invariants of algebraic varieties with application to Abelian varieties (continued)*, by S. Lefschetz; *On restricted systems of higher indeterminate equations*, by E. T. Bell; *Maximum modulus of some expressions of limited analytic functions*, by S. Kakeya; *Differential variations in ballistics, with applications to the qualitative properties of the trajectory*, by T. H. Gronwall; *An expansion theorem for a system of linear differential equations of the first order*, by W. A. Hurwitz.

The concluding number of volume 44 of the AMERICAN JOURNAL OF MATHEMATICS (October, 1922) contains: *On the kernel of the Stieltjes integral corresponding to a completely continuous transformation*, by C. A. Fischer; *Equivalence and reduction of pairs of Hermitian forms*, by M. I. Logsdon; *Plane cubics with a given quadrangle of inflexions*, by B. M. Turner; *Normal ternary continued fraction expansions for the cube roots of integers*, by P. H. Daus; *Concerning compact Kürschák fields*, by V. D. Gokhale.

The third number of volume 23, series 2, of the ANNALS OF MATHEMATICS (March, 1922) contains: *Dirichlet's problem*, by G. E. Raynor; *Annihilators of modular invariants and covariants*, by O. C. Hazlett; *Systems of linear inequalities*, by W. B. Carver; *Euler squares*, by H. F. MacNeish; *Geometric aspects of Einstein's theory*, by J. Pierpont; *Cauchy's paper of 1814 on definite integrals*, by H. J. Ettlinger; *Arithmetical deduction of Kronecker's class-number relations*, by G. H. Cresse; *Cyclotomic heptasection for the prime 43*, by P. O. Upadhyaya; *Summation of a double series*, by T. H. Gronwall.

The following members of the Society have been requested to represent the Committee on Endowment in their respective institutions and in the surrounding territory: C. H. Ashton, Harry Bateman, E. T. Bell, H. F. Blichfeldt, W. C. Brenke, Daniel Buchanan, Paul Capron, D. R. Curtiss, Arnold Dresden, W. H. Echols, John Eiesland, G. C. Evans, J. C. Fields, Tomlinson Fort, Harris Hancock, James Harkness, M. W. Haskell, H. E. Hawkes, E. R. Hedrick, Dunham Jackson, N. J. Lennes, P. H. Linehan, W. R. Longley, J. L. Markley, G. A. Miller, W. E. Milne, Frank Morley, R. K. Morley, G. D. Olds, R. G. D. Richardson, H. L. Rietz, F. H. Safford, G. E. F. Sherwood, H. E. Slaught, C. E. Smith, R. B. Stone, K. D. Swartzel, J. H. Tanner, H. W. Tyler, Oswald Veblen, H. S. White, J. W. Young.

The following important books have been published recently, or are announced for early publication, by American university presses: *Relativity and Modern Physics*, by G. D. Birkhoff, Harvard University Press, 1923; *The Meaning of Relativity*, by Albert Einstein, and *Transformations of Surfaces*, by L. P. Eisenhart, Princeton University Press, 1923 (the latter

being published with the cooperation of the National Research Council); *Lectures on Cauchy's Problem in Linear Partial Differential Equations*, by Jacques Hadamard, announced by the Yale University Press for early publication.

The Berlin Academy of Sciences announces the early publication of volume 7 of Weierstrass's Works.

The following honorary doctorates have been conferred: by the University of Edinburgh, on Professor H. F. Baker, of St. John's College, Cambridge; by the University of Aberdeen, on Professor E. W. Hobson, of Christ's College, Cambridge; by the University of Pennsylvania, on Sir Joseph Thomson, master of Trinity College.

The tricentenary of the birth of Blaise Pascal, which occurs on June 19, 1923, will be commemorated by celebrations to be held on July 8–9, under the auspices of the French government and the Paris Academy of Sciences.

Professor A. A. Michelson, of the University of Chicago, has been elected president of the National Academy of Sciences. Professors E. W. Brown, of Yale University, Max Mason, of the University of Wisconsin, and D. L. Webster, of Stanford University, have been elected to membership in the Academy.

Professor A. A. Michelson has been elected first vice-chairman of the National Research Council. Professor M. I. Pupin, of Columbia University, has been elected a member at large of the executive board.

Sir Ernest Rutherford, of Cambridge University, has been elected an honorary foreign member of the Washington Academy of Sciences.

The price of the JAHRBUCH ÜBER DIE FORTSCHRITTE DER MATHEMATIK has been substantially reduced. Beginning with volume 46, the first number of which has just been published, the price will be about one cent a page, with a reduction of twenty-five per cent to members of the American Mathematical Society and the Mathematical Association of America. This reduced price is practically the same as the pre-war price. To take advantage of it, orders should be sent directly to Professor L. Bieberbach, Berlin-Schmargendorf, Marienbaderstrasse 9.

Professor F. S. Carey has resigned from the chair of mathematics at the University of Liverpool, after thirty-seven years of service.

Professor M. J. M. Hill, of University College, London, has resigned.

At the University of Grenoble, M. Gosse has been promoted to a professorship of mathematics.

Dr. H. M. Dadourian, associate professor of physics at Trinity College, Hartford, has been appointed Seabury professor of mathematics.

Dr. Louis Weisner, of Columbia University, has been appointed instructor in mathematics at the University of Rochester.

Mr. J. B. Rosenbach, instructor in mathematics at the Carnegie Institute of Technology, has been made assistant professor of mathematics.

Mr. O. H. Rechard, Jr., instructor in mathematics at the University

of Wisconsin, has been appointed assistant professor of mathematics at the University of Wyoming.

Professor J. L. Riley has resigned his professorship of mathematics at John Tarleton Agricultural College, Stephenville, Texas.

At Rutgers College, Professor A. A. Titsworth, formerly in the department of Civil Engineering, has been transferred to the department of mathematics as a full professor. Mr. W. B. Campbell has been appointed instructor.

Miss Ruth Thompson has been appointed instructor in mathematics at the New Jersey College for Women.

The following appointments have been made in the Department of Mathematics at Harvard: Philip Franklin, Benjamin Peirce instructor; H. L. Garabedian, K. W. Halbert, R. L. Jeffrey, E. R. C. Miles, F. W. Perkins, M. M. Slotnick and T. L. Smith, instructors.

At Ohio Northern University, Mr. J. T. Fairchild has been promoted to a professorship of mathematics.

Rev. Paul Muehlman, formerly head of the department of mathematics at Marquette University, has been transferred to Loyola University, Chicago, as head of the department there.

Mr. B. F. Kimball has been appointed instructor in mathematics at Tulane University.

At the Texas Agricultural and Mechanical College, Assistant Professors D. C. Jones and W. L. Porter have been promoted to associate professorships of mathematics, Mr. W. L. Hughes and Mr. P. K. Smith have been appointed assistant professors, and Mr. C. E. McCurry an instructor.

At the University of Denver, Professor G. W. Gorrell of the Colorado State School of Mines has been appointed an associate professor, and Dr. E. Frances Seiler of the University of Illinois an instructor.

Professor Matyáš Lerch, formerly of the University of Freiburg, Switzerland, and since 1906 of the Polytechnic Institute at Brno, died August 3, 1922, at the age of sixty-two. The Academy of Sciences of the Institute of France awarded to Professor Lerch in 1900 the grand prize for mathematical sciences.

Professor Čenek Jarolímek, of the Polytechnic Institute of Prague, died December 14, 1921, at the age of seventy-five.

Professor J. D. van der Waals, of the University of Amsterdam, died March 8, 1923, at the age of eighty-five.

Dr. J. G. Leathem, fellow and bursar of St. John's College, Cambridge, coeditor with Professor E. T. Whittaker of the Cambridge Mathematical Tracts, died March 19, 1923, at the age of fifty-one.

Sir John Venn, president of Gonville and Caius College and for many years lecturer in logic and philosophy at Cambridge University, died April 4, 1923, at the age of eighty-eight.

Professor A. G. Webster, of Clark University, died May 15, 1923, at the age of fifty-nine. He had been a member of this Society since 1891.