

NOTES

In addition to the members of the editorial staff of the Bulletin, the following persons have assisted the editors, either by serving as referees or by advising concerning papers offered for publication in the present volume: R. P. Agnew, A. A. Albert, R. G. Archibald, Reinhold Baer, M. A. Basoco, Harry Bateman, E. F. Beckenbach, A. C. Berry, H. R. Brahana, Richard Brauer, E. W. Chittenden, J. A. Clarkson, A. B. Coble, Abraham Cohen, Richard Courant, H. B. Curry, J. L. Doob, Nelson Dunford, W. L. Duren, Arnold Emch, G. C. Evans, L. R. Ford, W. B. Ford, Philip Franklin, T. C. Fry, H. L. Garabedian, H. H. Goldstine, Saul Gorn, W. C. Graustein, J. A. Greenwood, V. G. Grove, W. A. Hurwitz, Dunham Jackson, Nathan Jacobson, R. D. James, R. L. Jeffery, E. P. Lane, R. E. Langer, Lincoln La Paz, D. H. Lehmer, D. N. Lehmer, Walter Leighton, Norman Levinson, Hans Lewy, Saunders MacLane, H. H. Mitchell, Deane Montgomery, C. N. Moore, Marston Morse, Oystein Ore, A. E. Pitcher, H. A. Rademacher, G. Y. Rainich, Wladimir Seidel, W. E. Sewell, I. M. Sheffer, J. A. Shohat, Virgil Snyder, D. J. Struik, Otto Szász, Gabor Szegő, J. M. Thomas, T. Y. Thomas, W. J. Trjitzinsky, H. S. Vandiver, R. J. Walker, J. L. Walsh, S. E. Warschanski, Hermann Weyl, G. T. Whyburn, D. V. Widder, Norbert Wiener, John Williamson, Leo Zippin. The editors desire publicity to acknowledge this service.

The Fifth International Congress for the Unity of Science is to be held at Harvard University, September 5–10, 1939. The theme of the Congress is *Logic of Science*; interest will center upon the relation of concepts, laws, and methods of the various sciences. Attention will be devoted to general problems connected with the unification of science, and, in particular, with the logic of the physical sciences, the relation of the physical and biological sciences, and the relation of the biological and socio-humanistic sciences. There will also be a number of special sessions and symposia concerned with special problems and fields. The Congress is sponsored by the International Committee of the Congresses for the Unity of Science, by the International Institute for the Unity of Science, and, in America, by the American Association for the Advancement of Science, the Philosophy of Science Association, the Association for Symbolic Logic, and the American Philosophical Association. A series of twenty monographs, entitled *Foundations of the Unity of Science* (and constituting the first two volumes of the *International Encyclopedia of Unified Science*) is now being issued by the University of Chicago Press, and helps to provide a background for the Congress. Three monographs have already appeared, and it is hoped that all twenty will be in print by the opening of the Congress. Those who wish later notices of the Congress are requested to send their name and address to Professor C. W. Morris, University of Chicago, Chicago, Illinois.

On the occasion of the Society's Semicentennial Celebration two volumes were published. Volume I, written by R. C. Archibald, is entitled *A Semicentennial History of the American Mathematical Society 1888–1938, with Biographies and Bibliographies of the Past Presidents*. The price is \$3.00. Volume II, *Semicentennial Addresses*, contains papers by E. T. Bell, J. F. Ritt, Norbert Wiener, E. J. McShane, T. Y. Thomas, R. L. Wilder, G. C. Evans, J. L. Synge, and G. D. Birkhoff. The price of this volume of more than three hundred pages is \$4.50. Members of the Society may obtain both

these volumes until December 1 at a special price of \$5.00. Subsequently the usual 25 per cent discount will be allowed to members.

In view of the great losses of books and literary material sustained by Chinese institutions of higher learning because of the Japanese invasion, the American Library Association has issued an appeal to libraries and to individuals for contributions of books and periodicals. Scientific publications will be especially welcome. Further information regarding this project, and instructions for the shipment of material, can be obtained by writing to the Secretary of the American Library Association, 520 North Michigan Avenue, Chicago, Ill.

N. V. Swets and Zeitlinger, Keizersgracht 471, Amsterdam (C), Holland, announce that they have purchased the stock of back volumes 1-80 of the *Mathematische Annalen* and are ready to reprint those numbers now out of print. The announced price is \$480, including index and library binding. Reprinting is contingent on a sufficient number of orders being received. Institutions desiring information should correspond with Swets and Zeitlinger. Volumes 81 and following are in print and can be supplied. One bound set of volumes 1-80 is immediately available at \$650.

The School of Mathematics of the Institute for Advanced Study each year allocates a small number of stipends to gifted young mathematicians and mathematical physicists to enable them to study and to do research work at Princeton. Candidates must have given evidence of ability in research comparable at least with that expected for the degree of Doctor of Philosophy. Blanks for application may be obtained from the School of Mathematics of the Institute, Fine Hall, Princeton, N. J., and are returnable by February 1, 1939.

Among the Americans to address the meeting this summer of the British Association for the Advancement of Science were Dean G. D. Birkhoff and Professor J. H. Van Vleck, of Harvard University.

Dr. B. Ramamurti and Dr. S. Sivasankaranarayana Pillai, both of Annamalai University, have been awarded the Ramanujan Memorial Prize of Madras University.

The Keith Prize of the Royal Society of Edinburgh has been awarded to Dr. H. S. Ruse, professor of pure and applied mathematics at University College, Southampton, for his paper *On the geometry of Dirac's equations and their expression in tensor form*, and for other papers.

Dr. R. L. Sackett, formerly dean of the school of engineering at Pennsylvania State College, has been awarded the Lamme Medal of the Society for the Promotion of Engineering Education for achievement in this technical field.

Leverhulme fellowships have been awarded to Dr. S. Goldstein, lecturer in mathematics at the University of Cambridge, and Mr. R. Wilson, lecturer in pure and applied mathematics at University College, Swansea.

Dr. F. C. Ferry, president of Hamilton College, has retired with the title emeritus.

Professor Arnaud Denjoy, of the University of Paris, is in residence at Harvard University for the first half of the academic year 1938-1939 as an exchange professor from France.

Professor Marston Morse, of the Institute for Advanced Study, lectured this summer at the Institut Henri Poincaré, before the Société Mathématique de France, and at Hamburg, Frankfort, Muenster, Jena, and Göttingen.

Professor Emeritus Virgil Snyder, of Cornell University, was honored on September 9 at a dinner given by the mathematicians who have written Ph.D. theses under his direction. A silver bowl appropriately engraved was presented to him.

Dr. V. G. Iyer has been appointed lecturer in mathematics in the Hindu College, Masulipatam.

Associate Professor L. W. Cohen, of the University of Kentucky, has been promoted to a professorship. Professor Cohen is on leave of absence during 1938-1939, and will be at Brown University.

Associate Professor J. L. Dorroh, of Judson College, Marion, Alabama, has been appointed to a professorship of mathematics and physics at Ouachita College, Arkadelphia, Arkansas.

Assistant Professor F. C. Gentry, of the University of Oklahoma, has been appointed to an assistant professorship at Louisiana Polytechnic Institute.

Associate Professor B. P. Gill, of the College of the City of New York, has been promoted to a professorship.

Dr. J. A. Greenwood has been promoted to an assistant professorship at Duke University.

Assistant Professor Lois W. Griffiths, of Northwestern University, has been promoted to an associate professorship.

Dr. E. A. Hedberg has been appointed to an associate professorship at Baylor University.

Dr. Nathan Jacobson, of the University of North Carolina, has been promoted to an assistant professorship.

Assistant Professor M. S. Knebelman, of Princeton University, has been appointed professor and chairman of the department of mathematics at the State College of Washington.

Dr. J. K. L. MacDonald has been appointed to an assistant professorship at Cooper Union.

Mr. C. E. Marshall, of the University of Illinois, has been appointed to an assistant professorship at Oklahoma Agricultural and Mechanical College.

In the September, 1938, List of Officers and Members of the American Mathematical Society, Mr. Kenneth May should be listed as a fellow of the Institute of Current World Affairs, New York City.

Dr. J. F. Randolph has been appointed to an assistant professorship at Cornell University.

Mr. N. N. Royall, Jr., has been appointed to an assistant professorship at The Citadel.

Mr. T. C. Sermon, of the Michigan College of Mining and Technology, has been promoted to an assistant professorship.

Assistant Professor J. H. Service, of the Michigan College of Mining and Technology, has been promoted to an associate professorship.

Associate Professor H. M. Sheffer, of Harvard University, has been promoted to a professorship.

Assistant Professor C. G. Stipe, of the Michigan College of Mining and Technology, has been promoted to an associate professorship.

Assistant Professor W. G. Warnock, of Fort Hays Kansas State College, has been appointed to an assistant professorship at the University of Alabama.

Dr. K. W. Wegner, of the University of Minnesota, has been appointed to a professorship at the College of St. Catherine, St. Paul, Minnesota.

The following members of the American Mathematical Society are in residence at the Institute for Advanced Study for all or part of this academic year: Professor H. E. Arnold, of Wesleyan University; Dr. P. G. Bergmann; Dr. Herbert Busemann; Professor H. B. Curry, of Pennsylvania State College; Professor Jesse Douglas; Dr. Kurt Gödel; Professor G. A. Hedlund, of Bryn Mawr College; Dr. Witold Hurewicz; Professor B. W. Jones, of Cornell University; Dr. Dorothy Manning; Professor Walther Mayer; Dr. A. P. Morse; Professor Tadasi Nakayama of Osaka Imperial University; Dr. Hyman Serbin; Mrs. C. C. Torrance; Dr. C. C. Torrance; Dr. Henry Wallman.

The following persons are also to be at the Institute for Advanced Study during a part or all of the current academic year: Dr. Valentin Bergmann, Dr. W. H. Barkas, Professor Niels Bohr, Professor Claude Chevalley, Dr. Paul Erdős, Professor I. I. Rabi, Dr. H. E. Robbins, Professor Leon Rosenfeld, Miss Gertrude K. Stanley, Mr. J. S. de Wet.

The following appointments to instructorships are announced: University of Alabama: Dr. C. R. Cassity; Brooklyn College (Evening Session): Dr. J. J. DeCicco; College of the City of New York (Evening Session): Dr. Max Shiffman; University of Illinois: Dr. P. R. Halmos; University of Kentucky: Mr. J. M. Boswell, Mr. V. W. Pfeiffer; Keuka College: Mr. H. F. Archibald; Massachusetts Institute of Technology: Dr. A. H. Clifford; University of Michigan: Miss Edith R. Schneckenburger; University of Minnesota: Dr. H. H. Campaigne; University of Nebraska: Dr. D. M. Dribin; University of North Carolina: Mr. R. E. Smith; Pennsylvania State College Undergraduate Center (DuBois): Dr. M. E. Shanks; Purdue University: Dr. R. H. Downing; Queens College: Dr. Philip Hartman; Rutgers University: Dr. P. T. Maker; San Antonio Junior College: Mr. L. H. Tulloch; University of Texas: Mr. W. B. Coleman, Dr. H. S. Kaltenborn; United States Naval Academy: Dr. H. C. Ayres.

Dr. H. Fitting, of Königsberg, died June 15, 1938.

Professor Emeritus D. N. Lehmer, of the University of California, died on September 8, 1938, at the age of seventy-one. He had been a member of the Society since 1900. A more adequate notice will appear in a later issue.

The death of Professor J. J. Luck, of the University of Virginia, has been reported. Professor Luck had been a member of the Society since 1916.

Professor S. A. Stephenson, of Rutgers University, died on September 1, 1938, at the age of sixty years.