From 1924 to 1929 he was assistant professor of mathematics at the University of Michigan. He spent the year 1929–1930 doing research at the Institut Henri Poincaré, Paris. In 1930 he became an assistant professor at the University of Pennsylvania. He was promoted to an associate professorship in 1936 and to a full professorship in 1942.

He was a member of the American Mathematical Society, the Mathematical Association of America, the Institute of Mathematical Statistics and a fellow of the American Association for the Advancement of Science. For the past four years he was associate editor of the *Bulletin of the American Mathematical Society*.

The main field of his research was that of orthogonal polynomials, on which he had written numerous papers while still in Russia. He continued very active in this work after coming to America. His many publications in American and foreign mathematical journals form an important contribution to classical analysis. He was an inspiring lecturer and interested many graduate students in research problems under his direction. The following took doctorates at the University of Pennsylvania under his guidance: R. P. Bailey, W. Lawton, C. J. Rees, H. M. Schwartz, J. Sherman, Vivian Spencer, M. S. Webster and C. Winston. He was deeply devoted to his doctors; he was never satisfied with their mere satisfaction of the research requirements for the doctorate but followed their further careers with many suggestions as to problems and with advice leading to their solution.

He was chairman of a committee of the National Research Council on Bibliography of Orthogonal Polynomials. The other members of the committee were Einar Hille, of Yale University, and J. L. Walsh, of Harvard University. The work of this committee resulted in the publication in book form in 1940 of an excellent bibliography which is an invaluable aid to research workers in orthogonal polynomials.

In 1931 he published a monograph "Théorie Générale des Polynomes Orthogonaux de Tchebichef" in the series, Mémorial des Sciences Mathématiques. He planned a sequel to the above monograph, and a portion of the material for the same is found among his unpublished papers. In 1943 he and J. D. Tamarkin, of Brown University, published "The Problem of Moments," the first volume of the new series of monographs, Mathematical Surveys, published by the American Mathematical Society.

Dr. Shohat was interested in applied mathematics, and his course on higher mathematics for the solution of engineering problems attracted numerous engineers and physicists connected with a large number of industrial organizations in the Philadelphia area. In this manner he became interested in Van der Pol's Equation, which was the subject of his last two published papers. Just before his last illness he finished the translation from the Russian of Kryloff's "Differential Equations for Mathematical Physics and their Application to Engineering." This translation will be published posthumously.

He had an intense patriotism for his adopted country and was vitally interested in doing everything possible to aid in the successful prosecution of the war. During the last year of his life, in addition to his own numerous research activities related to pure mathematics, he acted as a consultant for the Navy Department in connection with the work of the David Taylor Model Basin.

A burning enthusiasm for mathematical research, a deep interest in the work of his students, both graduate and undergraduate, an earnest desire for the improvement of all opportunities for graduate study made Professor Shohat a forceful figure in the scientific work at the University of Pennsylvania. He was a true friend and a loyal colleague.

J. R. KLINE

RECENT DEATHS

DR. MAURICE COLE TANQUARY, since 1928 professor of apiculture at the University of Minnesota, died on October 25. He was sixty-two years old.

DR. EVANDER FRANCIS KELLY, of the University of Maryland, since 1926 secretary of the American Pharmaceutical Association, died on October 27 at the age of sixty-five years.

DR. MARTHA BUNTING died on October 13 in her eighty-third year. She had taught biology at Goucher College and in high schools in Philadelphia and New York. Subsequently, at the University of Pennsylvania she served as research assistant in the Medical School for six or seven years, and later was a research fellow for a number of years in the department of zoology.

DR. RICHARD B. HENDERSON, of the National Institute of Health at Washington, D. C., died on October 20 at the age of thirty-two years. He was engaged at the request of military authorities in perfecting a vaccine to combat "scrub typhus." During the course of this work he contracted the disease.

HOWARD PALMER, known for his explorations of the Canadian Rockies, died on October 24 in his sixty-first year.

DR. CHARLES G. BARKLA, professor of natural philosophy at the University of Edinburgh, died on October 23 at the age of seventy-three years.