

OBITUARY



VLADISLAV KIRILLOVICH DZYADYK

Vladislav Kirillovich Dzyadyk, the prominent Ukrainian mathematician and corresponding member of the Ukrainian National Academy of Sciences, passed away on October 26, 1998 in his 80th year of life.

Vladislav Kirillovich Dzyadyk was born on February 18, 1919 in the village of Sakhnovshchina in the Kharkov district. In 1937, he began his studies at the Shevchenko State University in Kiev at the Department of Foreign Languages (French division), where he studied till 1941. After the end of the Great Patriotic War, he resumed his studies, this time at the Dnepropetrovsk State University in the Department of Physics and Mathematics, from where he graduated with honors in 1951.

From 1951 to 1953, Dzyadyk worked as a teacher of mathematics in Volyn. In 1953, he started his teaching activity at the Lutsk Pedagogic Institute, where he made the transition from an assistant to the head of the department, and defended his Candidate-Degree Thesis in 1955. In 1960, after a brilliant defense of the Doctoral-Degree Thesis at the Steklov Mathematical Institute, Dzyadyk moved to Kiev, where he continued his scientific activity at the Institute of Mathematics of the Ukrainian Academy of Sciences as a senior research fellow. From 1963 to 1990, he was the Head of the Department of Functions, and from February of 1990 till his death, he officiated as an adviser of the Director of the Institute of Mathematics of the Ukrainian Academy of Sciences. In 1969, Dzyadyk was elected a corresponding member of the Ukrainian Academy of Sciences.

Such was Dzyadyk's fortune that he ventured into higher mathematics unusually late, only at the age of 32. But his powerful intellectual capability and talent as a researcher were very soon developed in their full strength. Even his first brilliant result, the solution of the known Favard problem, demonstrated that a colorful new personality had appeared in mathematics.

As a main theme of his scientific life, Dzyadyk chose the theory of approximation of functions. Owing to his investigations in the area of polynomial approximation of analytic functions on compact sets of the complex plane, a

Institute of Mathematics, Ukrainian Academy of Sciences, Kiev. Translated from *Ukrainskii Matematicheskii Zhurnal*, Vol. 50, No. 12, p. 1721, December, 1998.

new direction of contemporary mathematics was created, which has already been fruitfully developed for more than 40 years in Ukraine, as well as in other countries.

At the beginning of the 1980s, Dzyadyk began his investigation of the problems of approximate solution of differential and integral equations. Here, he proposed new approaches to these problems and new rigorously justified methods.

In his two monographs, which are widely known in the world, Dzyadyk enunciated his view on problems of the theory of approximation and its applications.

All his long life, Dzyadyk cared about training talented new mathematicians. He gave brilliant lectures at the Shevchenko University in Kiev and spent much time working with his students. His dedication to science and his pedagogic and scientific talent attracted many talented young students to real mathematics. Among the disciples of Dzyadyk, there are about 50 Candidates and eight Doctors of Sciences.

For his merits in the development of science and training scientific personnel, in 1990 Dzyadyk was awarded the title of Honored Personality of Science and Technology of Ukraine, and in 1992 he was awarded the Krylov Prize of the Ukrainian National Academy of Sciences.

The staff of the institute expresses their deep condolences to the wife of Vladislav Kirillovich, Svetlana Yur'evna, his daughters Nadezhda and Tat'yana, and his son Yuri.

The memory of Vladislav Kirillovich Dzyadyk will always live in the hearts of those who knew him and worked by his side.

Staff of the Institute of Mathematics of the Ukrainian Academy of Sciences