YURY STEFANOVICH SAMOĬLENKO (to 70th birthday anniversary)



On September 17, 2013, Yury Stefanovich Samoĭlenko, a famous Ukrainian mathematician, professor. corresponding member of the National Ukrainian Academy of Sciences, has celebrated his 70th birthday anniversary.

He was born in 1943 in a family of Stefan Pylypovich Samoilenko, a renown philologist. Having past his childhood and school years in the city of Zaporizhzh'a, he enters the Department of Mathematics in Dnipropetrovs'k State University. While studying in the university from 1960 to 1965, Yury Stefanovich starts to actively work in mathematics attending mathematics seminars, in particular, a seminar on approximation theory led by O. F. Teleman. In 1967, he enters a PhD program in the Institute of Mathematics of the Academy of Sciences of the Ukrainian SSR, and starts working on the spectral theory of quantum field operators with his scientific adviser Yu. M. Berezansky. His PhD thesis "Wightman type matrix functionals" was completed in 1970, and in 1989 he was awarded with Doctorate degree for the dissertation "Spectral theory for a collection of self-adjoint operators".

In 1970, Yu. S. Samoĭlenko takes a researcher position in the Institute of Mathematics of the Academy of Sciences of the Ukrainian SSR and, at the same time, starts teaching in T. Shevchenko Kiev State University, where he becomes Associate Professor in 1980 and Full Professor in 1989. Yury Stefanovich starts to head the Department of Functional Analysis in the Institute of Mathematics in 2001 and, in 2003, he is elected a Corresponding Member of the National Academy of Sciences of Ukraine.

Scientific interests of Yu. S. Samoilenko encompass a broad area of functional analysis and its applications to mathematical and quantum physics. Together with his students, now colleagues, he has obtained deep results on spaces of functions of infinitely many variables, infinite collections of self-adjoint operators on a Hilbert space, representations of infinite dimensional Lie groups and Lie algebras, graded analogues of commutative and non-commutative Lie algebras, representations of operator relations. These results are well known both in Ukraine and abroad.

During the last decade, he and his colleagues study the structure of a collection of subspaces of a Hilbert space. Substantial results that were obtained led to new interesting and important problems related to the theory of Jacobi matrices, in particular.

Yu. S. Samoĭlenko has written over 200 papers, published in leading mathematical journals, 3 monographs, two of which have been translated into English, and 3 textbooks.

Yury Stefanovich successfully combines scientific research with teaching, working at the National Kiev University and elevating high level researchers at the Institute of Mathematics. He has guided 3 Doctorate dissertations and 25 PhD theses. At present, his former students work in scientific institutions and universities in Ukraine, Sweden, Germany, and USA. He has created a scientific team, which works on algebraic problems of functional analysis and has obtained results acknowledged worldwide.

Yu. S. Samoĭlenko has received the State Award for Science and Technology in 2007, the Bogolyubov Silver Medal for significant achievements in Mathematical Sciences in 2007, and the Georgievskaya Medal "Honor. Glory. Work" in 2013.

Colleagues of Yury Stefanovich cordially greet him with the jubilee and wish him good health, new scientific achievements, many able students, and much creative inspiration.

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