

Professor Anatoly Kilbas
to the memory of the great scientist
and the faithful friend

Professor Anatoly Kilbas died in a tragical accident on June 28, 2010. We have lost a brilliant mathematician, a very active scientist, an interesting and talented lecturer, a sincere friend.

Anatoly Alexandrovich Kilbas was born on July 20th, 1948, in Minsk, Belarus. In 1966 he has finished a secondary school in Borisov, Minsk region, and entered at the same year the mathematical faculty of the Belarusian State University in Minsk.

Anatoly Kilbas studied at the mathematical faculty of the Belarusian State University from 1966 till 1971. Moreover, all his academic and research career was developing at this university. In 1973 Anatoly Kilbas entered a post-graduate course at the Belarusian State University (scientific adviser – academician Fedor Dmitrievich Gakhov) and in 1975 he has defended a PhD thesis (candidate dissertation) on the topic “Operators of potential type with power-logarithmic kernels and integral equations solving in closed form”. In 1995 he has defended the second degree dissertation (doctor of sciences) on the topic “Operators of fractional integration: asymptotic and composition properties and applications”. In 1997 he was awarded the professorship at the chair of the theory of functions, and since 2002 he was the head of this chair.

Professor Anatoly Kilbas was a world-known scientist. His contributions to the theory of integral equations, fractional integro-differentiation, fractional differential equations, integral transforms and special functions highly estimated by the international mathematical society. He is an author of more than 300 research articles, and 6 monographs published at the leading International Publishing Companies, such as Gordon and Breach Science Publishers, Chapman and Hall / CRC Press, Elsevier. The monograph (joint with Stefan Samko and Oleg Marichev) “Fractional integrals and derivatives and some of their applications” became a reference book for many experts in fractional analysis and its applications all over the world. Fruitful research cooperation with scientists from Canada, Germany, India, Italy, Japan, Korea, Russia, Spain and USA was realised in numerous papers and monographs.

Professor Anatoly Kilbas has presented his results at international conferences in different countries. He was a member of the Organising Committees

and a session organiser at many international scientific conferences. He has participated in the 3rd (Berlin, 2001), 5th (Catania, 2005), 6th (Ankara, 2007), 7th (London, 2009) ISAAC Congresses. Participants of these Congresses remember his activity, his deep questions and competent discussions of scientific problems. He organised special sessions “Modern aspects of the theory of integral transforms”, “Special functions and applications” at these Congresses. In 2005 Anatoly Kilbas was elected as a member of the Scientific Board of the International Society of Analysis, its Applications and Computation as a representative of the ISAAC Interest Group in Integral Transforms and Applications.

He was the main organiser of the successful conferences “Boundary value problems, special functions and fractional calculus” (1996), “Analytical methods of analysis and differential equations” (AMADE, 1999, 2001, 2003, 2006, 2009) held in Minsk. He was an editor of 14 books of proceedings of conferences, and a member of the Editorial Boards of the well-known international Journals “Integral Transforms and Special Functions”, “Fractional Calculus and Applied Analysis”, “Advances in Applied Mathematical Analysis” and many other.

We miss an excellent scientist and a man with a brilliant personality. We express our deep condolences to his family, to all his colleagues and friends. We will always remember him.

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