

Prof. Yuriy B. Zelinsky (22.02.1947-21.07.2017)
(Memorial personalia)

The recently founded Journal "Set-Valued Mathematics and Applications" and Ukrainian mathematics suffered a great loss. On July 21, 2017, when he went for a conference in Poland, a prominent Ukrainian mathematician Yuriy Zelinsky suddenly died when he crossed the border. Yuri Borisovich on February 22, 2017 turned 70 years old. The "*Collection of Works of the Institute of Mathematics of the National Academy of Sciences of Ukraine*" was published, devoted to his anniversary with an article on it [1] written by his students and staff. In addition to Kyiv, he was honored in other places, in particular, in Vorokhta at the traditional conference on the probability theory and mathematical analysis, the constant participant of which he was in recent years. Celebration on the basis of "Kermanyh" in the Carpathians mountains was wonderful, the anniversary was full of energy and creative plans for the future. Then, in the beginning of summer, there was a conference in Slovyansk dedicated to the memory of O. I. Stepanets, with an intensive scientific program. The participants were rehabilitated on the nice salty lake, Yuri Borisovich was the most active swimmer and swam farther away. Nothing was indicative of the terrible misfortune that occurred in July. But: the person assumes, the God determines... An beautiful mentor, a true friend, a famous mathematician and a great cheerful person, passed away from us, let him rest with God, and he will be a pen for himself.

Yuri Borisovich Zelinsky was born in the town of Borshchiv of the Ternopil region, where he graduated in 1965 with a high school with a gold medal and enrolled in the Mechanics-Mathematics Department of the Kyiv State University. After graduating from the University in 1970, he studied for three years at the Institute of Mathematics as a post-graduate student and in 1973 successfully defended his Ph.D. thesis "Continuous display of varieties and the principle of boundary conformity", which was prepared under the scientific advisory of Professor Yu.Yu. Trochymchuk. The young scientist after the Ph.D. thesis defense was left to work at the Institute of Mathematics of NAS in Kyiv, conducting further his intensive research and in 1989 he defended his Doctoral dissertation "Multivariate reflections in complex analysis", on the basis of which there were written his monograph [2] and its later version manual [3]. These works form the scientific face of Yu.B. Zelinsky, who was developing geometric and topological methods of analysis and, with their help, investigated the geometry of linearly convex sets and related questions of complex and convex analysis (see the annotation to [3]).

From 2003 till his death Prof. Yu.B. Zelinsky was Head of the department of complex analysis and the theory of potential at the Institute of Mathematics of the National Academy of Sciences of Ukraine. He was a pro-active scientist, turned out to have over 270 his scholarly works, three monographs and fourteen manuals. The list of his selected works (105 titles) is given in [1]. Among the students of Yuri Borisovich - eight candidates of sciences. The main directions of his research were: multivalued mappings (he introduced the notion of local

degree), fixed points, affinity mappings, classification of linearly convex and strongly linearly convex sets, in particular solving problems of L. Eisenberg, a well-known specialist in this field, a one problem of Stan Ulam, concerning the problem of the shadow (see in detail in [1]).

Y.B. Zelinsky was a participant in many scientific conferences, and often also served as their organizer. He has been a member of the program committee of conferences on a number of occasions, spoke there with plenary reports, introduced new problems and problems. He was a member of several specialized councils on mathematics, in particular in Kyiv and Chernivtsi, very often acted as a peer-reviewer of candidate and doctoral dissertations.

Yuri Borisovich was a man with a wide range of interests. He perfectly photographed, knew Esperanto language and exercises of yoga, was a real vest of jokes and funny stories, lovingly bathed, in particular in cold water. He was a great patriot of Ukraine, a member of the "Freedom" party, has repeatedly participated in its actions, in particular in well known Cold Yar meetings.

The bright memory of this outstanding scientist and a wonderful person will forever last and remain in our hearts.

The Editorial Board Members.

References

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