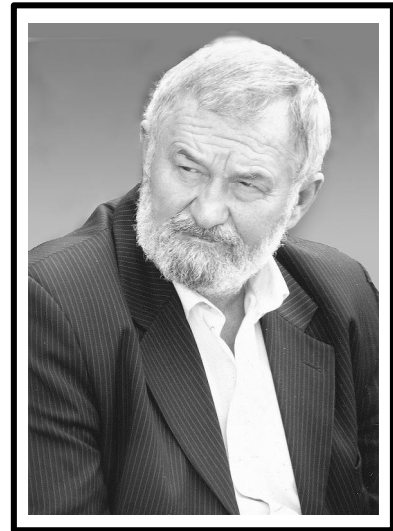


**To Memory of Academician of NAS of Ukraine
Iurii Georgievich Kryvonos
12.04.1939 – 12.02.2017**

On 12 February after prolonged severe disease at the age of 78 died Iurii Georgievich Kryvonos — Academician of National Academy of Sciences of Ukraine, Deputy Director of V.M. Glushkov Institute of Cybernetics of National Academy of Sciences of Ukraine, Deputy Chief Editor of our journal.

In 1967 Iu.G. Kryvonos graduated from mechanical and mathematical faculty of Dnepropetrovsk State University and since then worked at V.M. Glushkov Institute of Cybernetics of NAS of Ukraine. In his career he went from an engineer to Deputy Director of Institute. Being Candidate in physics and mathematics since 1972, Doctor in physics and mathematics since 1993 and Corresponding member of NAS of Ukraine since 2000 he was elected Academician of NAS of Ukraine in 2009. He was Scientific Secretary of Institute since 1977 till 1996, since 1996 — Deputy Director on scientific work of V.M. Glushkov Institute of Cybernetics of NAS of Ukraine.



Iurii Georgievich Kryvonos is the prominent scientist in the field of mathematical modeling and information computer technologies. He was engaged in developing original methods for sequential identification of mathematical models of wave and fast physical and technological processes which were the basis for solving applied problems of calculating the control system for the equilibrium of a plasma pinch, induction retention of large masses of liquid metal, dispersion of metals by means of electroimpulse discharge in water, etc.

Iu.G. Kryvonos is the author of numerous publications. Results of his scientific research are presented in six monographs published by “Naukova dumka” publishing house. He is the author of more than 150 publications.

Under leadership of Iu.G. Kryvonos there were developed the foundations of excitement theory of pseudoinverse and projection operations in application to solving problems of dynamical systems control, the analysis and synthesis of high quality clustering systems, the methods of analysis and synthesis of voice information, the construction of a virtual human head models for investigating mimics and emotions; the means for synthesis of systems of adaptive forecast of processes defined by nonlinear recursive systems. He was a scientific head of works on creating series of unique information technologies: monitoring of HIV infection spread in Ukraine; the complex automated system of State Innovation Foundation of Ukraine; support of activity of Ukrainian social insurance Fund for temporary disability; support of office work of Supreme Court of Ukraine ("KARS" system). Under his leadership there were created technologies for recognition of handwritten mathematical texts; compression of graphic images using adaptive fractal structures and neural networks; means of computer voicing of texts in Ukrainian language based on concatenative segment synthesis; as well as recognition of handwritten mathematical texts.

Iu.G. Kryvonos many times headed the delegation of informatics department of NAS of Ukraine in World exhibitions of computer technologies (CEBIT).

Iu.G. Kryvonos is Honored man of science and technology (2000), Laureate of State Premium of Ukrainian SSR in the field of science and technology (1988), Laureate of V.M. Glushkov premium of NAS of Ukraine, was awarded the order "Badge of honor" (1986), "For merits" of 3 degree (2007) and medals.

Iu.G. Kryvonos is the prominent scientist, the perfect head, unusual, bright, responsive and benevolent person.

A bright memory of him will be preserved for a long time among his colleagues, employees and numerous friends.

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