

On April 8, 2021, the head of the Department of Mathematical Problems of Mechanics of Heterogeneous Solids of Pidstryhach Institute for Applied Problems of Mechanics and Mathematics of the National Academy of Sciences of Ukraine, laureate of the prize named after M. M. Krylov of the Presidium of the National Academy of Sciences of Ukraine, Doctor of Physical and Mathematical Sciences, Professor

**Vasyl Feodosiyovych CHEKURIN**

unexpectedly passed away.



Chekurin V. F. was born on January 14, 1951, in the village of Mankivka, Bershad district, Vinnytsia region. He graduated from the Faculty of Electrophysics of Lviv Polytechnic Institute (1974), after which he worked in a research laboratory. From 1977 to 1981, he took a correspondence postgraduate course (supervisor Professor Burak Y. Y.) at the Institute for Applied Problems of Mechanics and Mathematics named after Ya.S.Pidstryhach of the National Academy of Sciences of Ukraine, where he moved to work in 1984 and was bound up with it all his life. He started working there in scientific positions, and in 1998, he headed the department of mathematical problems of mechanics of heterogeneous solids.

Professor Chekurin V. F. obtained significant results in the field of mechanics of interconnected fields and physical materials science. He is the author and co-author of more than 300 scientific papers, including four monographs, a reference manual, nineteen inventions and patents. He developed a macroscopic theory of deformation of semiconductor bodies and structures taking into account locally nonequilibrium states, structural defects, specific surface properties, and material separation limits under mechanical, thermal, and electromagnetic stationary and nonstationary loads. His scientific results in the theory of the interaction of polarized light and ultrasound with inhomogeneously deformed bodies and their application to create methods for non-destructive determination of the stress-strain state and structure parameters of heterogeneous solids have been widely recognized.

Under his supervision, two doctoral theses and five candidate dissertations were defended.

Sudden illness and death caught him in the implementation of far-reaching plans and intentions, and his pass was a significant loss for the entire scientific community of Ukraine. Friends, colleagues, and students of Vasyl Feodosiyovych remember his bright personality and appreciate his considerable contribution to the achievements of modern mechanics with deep gratitude.