

PROFESSOR B. Z. KATSENELEBAUM – 90



Our teacher, colleague and friend Professor B. Z. Katsenelenbaum approaches his next anniversary. For the last ten years he has been living in Israel where the destiny and circumstances have brought his. It is amazing that being in fact physically isolated from the scientific community, he works especially intensively. For this time he has published three books and prepared the fourth one. His articles regularly appear in the scientific journals. During the recent Israel-Lebanon war, he worked in his apartment (distanced 30 km from the border), when the rockets flew over and some of them exploded in the square in the front of his house. With the humor inherent to him, he asserted: they will not hit.

A series of scientific directions, such as the theory of irregular waveguides, generalized method of eigenoscillations, constructive synthesis of cavity antennas, reconstruction of obstacles at their eigenfrequencies, are connected with his name. His invaluable contribution to the rise and development of the direction concerned the phase optimization problems in theory of electromagnetic waves is well known.

His role was decisive for the birth of our Seminar and supporting its continuous work. Organized by his initiative as an annual informal meeting of the scientists from Moscow, Tbilisi and Lviv, the seminar attracted the scientists and engineers from other cities for a long time and as the result became a known international event. His articles were included in the programs of almost all DIPED's and presented on their sessions in one or other form.

He is a convinced internationalist; he equally treats the people of all nationalities. His students and followers are Russians, Ukrainians, Hebrews, even Chinese. Many Georgian colleagues consider him as their teacher.

His high moral principles are well known. Sometimes, they caused even undisguised hostility, camouflaged as a “conflict between scientific schools”. A year ago he has with indignation condemned the Russia aggression against the Georgia and expressed his sincere support to the Georgian people. It is indicative that he was awarded by the higher scientific prize of the Ukraine, in spite of the fact that he worked all his life in Moscow, at one of the prestige institutes of the USSR Academy of Sciences.



Boris Zakharovich at work, Naharia, Israel, 2005

The DIPED-2009 Organizing Committee wishes You, dear Boris Zakharovich, a strong health and great creative successes for the welfares of all us and all the mankind.