

CHRONICLE

AKHUNDOV MAGOMED BAGIR OGLU

(to his 50 year anniversary)



The known scientist in the field of mechanics of deformable solids, the doctor of physico-mathematical sciences professor Akhundov Magomed Bagir oglu is 50.

Akhundov Magomed Bagir oglu was born on 24 may in 1951 in Baku of Azerbaijan Republic.

After graduating from the secondary school in 1968 he entered the mechanical-mathematical faculty of the Azerbaijan State University (now- Baku State University-BSU), which he finished in 1973 on the specialty "mechanics". The diploma work on the strength of composite materials he carried out in Moscow at the institute of Engineering of academician AS SSR Yu.N.Rabotnov.

Graduating from the University he was kept in BSU, where he passed the way from the assistant of the chair of theoretical mechanics to the professor of the chair of theoretical mechanics and the mechanics of continuum.

In 1977 he defended his candidate dissertation in the field of the boundary problem of plane theory of elasticity of anisotropy body for multiply connected domains and in 1991 at the Institute of mechanics of polymers in Riga he defended his doctoral dissertation in the field of deformation and destruction of completely elastic damaged mediums.

The scientific interest of prof. M.B. Akhundov are variant. He investigated the questions of deformation and destruction of isotropic and anisotropic materials and constructions in magiability, including the linear and non-linear variants for isomorphic and anisotropic bodies. The criterions of stability is supposed, having its structure, the advantage for the class of composite materials. He has investigated the mechanics of determination of deformational characteristics from the little series of simple experients on one-axis loading and also from the experients n dynamic loading. It was formulated and solved the class of problems by detrmination of characters and the forms of origic and the development in construction of zones of the destruction with full and partial loss of the carrying capacities, solved the problems on the determination of remainder resource of construction at stock loading. The series of important problems on calculation of stability of mountain manufactures in bedded rock massives, rod constructions are

solved and on the determination of durable solidity of armoured pipe-lines, accident free period of working force, investigated the models of deformation and the destruction, which made great contribution to solution of problem of longesity and reliability of construction from polymer and composite materials. He had given the solutions of many important concrete problems of destruction and algorithms.

Jointly by the Yu.N.Rabotnov he investigated the model of biologically active deformable body, subsequently developed by him for the investigation of increasing the capacity of pipe-line with the regular elasticity.

He has published in Republican scientific journals 83 paper and 2 of them are textbooks.

His pedagogical specter is also diverse. In different years he has given and gives lectures on theoretical mechanics, continuum mechanics, resistance of materials, theory of elasticity, theory of visco-elasticity, hydromechanics. The lectures given by him differ with their high scientific-pedagogical level.

Prof. M.B.Akhundov is the coresponding member of International Engineering Academy (Moscow, Russia), scientific secretary of National Committee of Azerbaijan on ground mechanics the memeber of editorial board of journal Transaction (Izvestie) of NAN of Azerbaijan, series "mathematics and mechanics", the member of expert council of mathematics and mechanics and the member of scientific council of mecjanical-mathematical. Faculty BSU.

We congratulate Prof. M.B. Akhundov on the accsion his anniversary so years, wish him long, long happy, life and new greatest achievements in his scientific-pedagogical activity.

*A.D. Gadjev, I.T. Mamedov, B.A. Iskenderov,
M.F. Mekhtiyev, J.G. Agalarov, L.Kh. Talybly*