

CHRONICLE**ISKENDEROV BALA AGAHUSEYN oglu**
(to the 65th anniversary)

B.A. Iskenderov was born on the 21st of december in 1936, in Baku. In 1955 he finished the secondary school №17 with excellent marks. In 1955 he entered the physico-mathematical faculty of Azerbaijan State University and in 1958 he was transferred to the mechanical-mathematical faculty of the M.V. Lomonosov Moscow State University. B.A. Iskenderov graduated from the Moscow State University in 1961. The same year he joined the post-graduate courses of Azerbaijan State University by the speciality of mathematics. His post graduate preparation was under the guidance of professor A.G. Kostyuchenko and prof. M.V. Fedotyuk.

From December 1964 he works at the Institute of Mathematics and Mechanics of Azerbaijan National Academy of Sciences.

In 1967 B.A. Iskenderov earns his Ph.D. on the title "Behavior at $t \rightarrow +\infty$ of the solutions of Cauchy problem for the correct by Petrovsky sense equations and system of equations with constant coefficients". In the work B.A. Iskenderov gives a sufficient condition satisfying the decrease of the solution of Cauchy problem and determines the decreasing rate of the solution of the problem depending on the space dimension. This result is the proof of the correct by Petrovsky equations, where Higgins principle known from the theory of hyperbolic type equations is of a wide class.

In 1969 he gained his senior research associate title by the USSR High certificate Commission. In 1994 B.A. Iskenderov maintained a thesis for a doctor of sciences degree at Baku State University on the title "Principles of radiation for elliptic equations in the cylindrical domain". In this work he determines two new effects that is unknown in the theory of hyperbolic equations. One of the effects is the discover of resonance when the order of the equation in cylindric domains is greater than the length wise size of the cylinder, and the finding the rate of increase for the hyperbolic equation when $t \rightarrow +\infty$. The second effect is the indication of validity of limit amplitude principle for the mixed problem of hyperbolic equations when resonance is absent, and the definition of the non-stationary problem to the solution of the stationary problem with respect to the lengthwise

size of the cylinder. The obtained results are also proved for the variable coefficients equations.

In 1999-2001 B.A. Iskenderov investigated a mixed problem in a many dimensional cylindrical domain for Sobolev type equations obtained by the studying of vibrations of torsional fluid. He proved the uniqueness and existence of this problem. In this connection he constructed a Green function for the corresponding stationary problem. The asymptotic expansion is found for the solution of a mixed problem when $t \rightarrow +\infty$. In special case his expansion coincides with the one obtained by A.G. Sveshnikov and S.A. Gabov when the lengthwise and in width sizes of the cylinder are the same. Recently A.B. Iskenderov has studied the mixed problem in cylindrical domain for Rossby type equation and obtained the estimates for the solution of this problem for $t \rightarrow +\infty$.

In February 1996 A.B. Iskenderov got his "professor" title on "differential equations" by the High Certificate Commission of Azerbaijan Republic.

He is the author of 40 scientific papers published in the known journals of our Republic and abroad. 5 candidate dissertations were defended under his guidance. He was an opponent of more than 100 dissertations. At present he supervises 2 post graduate students and 2 candidates for a degree.

Beginning from 1968 he leads different specialty courses (from 1995 in English) in Baku State University. He is a half staff professor of the faculty of Applied mathematics and Cybernetics.

He is a member of the Doctoral Defence Board D.054.03.05 functioning in Baku State University.

B.A. Iskenderov gave scientific lectures in All-Union, International and Republican scientific conferences.

From June 30, 2001 he is a corresponding member of ANAS.

B.A. Iskenderov very highly appreciates the work of his teachers, and remarks the role of famous mathematicians A.I. Huseynov, Z.I. Khalilov, A.G. Sveshnikov, A.G. Kostyuchenko and M.M. Fedotyuk with great gratitude. He works at the Institute of Mathematics and Mechanics of Azerbaijan National Academy of Sciences more than 37 years and considers it as his home. B.A. Iskenderov is a son of his country that loves his nation, Country- Azerbaijan with great love. Very kind and principal Bala muallim is at the same time is a very nice head of the family.

We congratulate B.A. Iskenderov on the occasion of his 65-th birthday, wish him happiness in his family and greatest successes in his scientific-pedagogical activity.

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