

**CORR.-MEMBER OF NASA MAIS HABIB OGLU JAVADOV
IN MEMORY ON HIS 90-TH BIRTHDAY**

Doctor of physical-mathematical sciences, professor, honored scientist, corr.-member of NASA Mais Habib oglu Javadov was born in 1929 in the village Baskal of Ismayilli region of Azerbaijan. Having graduated from the physical-mathematical faculty of Azerbaijan State University (now Baku State University) he begins his labor activity as a junior research associate at the Institute of physics-mathematics (now Institute of Mathematics and Mechanics of NASA).

In 1958 M.H. Javadov defended PhD dissertation supervised by acad. Z.I. Khalilov on the topic "Solving a mixed problem for hyperbolic equation in the class of generalized functions". After defending his thesis he fruitfully continued scientific-research work.

M.H. Javadov was directed to M.V. Lomonosov Moscow State University. Participation in the seminars of outstanding mathematicians of the XX century A.N. Tikhonov, I.G. Petrovsky, S.L. Sobolev, I.N. Vekua contributed to the formation of M.H. Javadov as a good mathematician. In 1966 he defended doctoral thesis "Some issues of theory of not self-adjoint operators and their application in mathematical physics problems".

M.H. Javadov first proved multiple completeness of a part of eigen-functions of spectral problem for not self-adjoint differential equations. He obtained a number of interesting results for boundary value problems in domains where one measurement is small compared to another ones. By representation of acad. M.V. Keldysh, S.L. Sobolev, I. G. Petrovsky, I.N. Vekua, A.N. Tikhonov, a part of M.H. Javadov's results were published in the journal "Doklady Akademii Nauk SSSR". He made reports at the International Congress of mathematicians (1966), at the third conference of Bulgarian mathematicians (1967), at all-Union Conferences dedicated to the memory of acad. I.G. Petrovsky (1976, 1979) and to 75-th anniversary of acad. A.N. Tikhonov (1982). In Azerbaijan, development of theory of differential equations with a small parameter at higher derivatives is due to his name. He first studied singularly perturbed hyperbolic equations. M.H. Javadov and his followers have studied some singularly perturbed differential equations that when degenerating change their type. He supervised a dozens of PhD thesis.

From 1969 to the end of his life M.H. Javadov was at the head of the chair "Algebra and number theory" at V.I. Lenin State Pedagogical Institute (now ASPU). At that period, he could create close ties of the chair with leading scientific institutions of the USSR. At different times, on prof. M.H. Javadov's initiative, M.Z. Vishik, V.A. Sadovnichiy, Yu.A. Dubinskiy, S.Y. Lomov, N.Ya. Vilenkin, L.P. Volyevich, L.U. Kulikov and others were invited to Azerbaijan to give a number of lectures.

In 1984 the title of honoured scientist of Azerbaijan was assigned to him. In 1989 he was selected a corr-member of AS of Azerbaijan SSR.

M.H. Javadov passed away in 1992. Some his results found attraction in the book "Singularly perturbed differential equations", Baku 1993 (M.H. Javadov, M.M. Sabzaliev, R.M. Javadova) published after his death. The paper of L.P. Volyevich, E.V. Radkevich "Uniform estimations of the solutions of the Cauchy problem for hyperbolic equations with a small parameter at higher derivatives (vol.39, No4, 2003, pp.486-499) was devoted to M.H. Javadov's memory.

Prof. M.H. Javadov has two children: his son Ramzi and daughter Rena. (She passed away in 2019). She has a daughter Vefa. Ramiz has a son Teymur, and a daughter Nigar. Both of them are candidates of physical-mathematical sciences. Prof. M.H. Javadov was a responsive scientist, generous friend and helped young scientists in their scientific research. M.H. Javadov's good memory will live in the hearts of the people who closely knew him.

Corr. member of ANAS, doct. phys. math. sci. prof. Misir Mardanov

Doctor of sciences in math., prof. Mahir Sabzaliev