GUSEYNOV RAUF VELI oglu
(to the sixteenth anniversary of birthday)

In 12 June, 2000 the doctor of physical-mathematical sciences Guseynov Rauf Veli oglu was 60. Guseynov was born in town Goychay. After leaving a secondary school under influence of the defined interest to mathematics he entered the physical-mathematics department of Azerbaijan State University. Graduating from the University at 1964 he joined the postgraduate of the IMM of Azerbaijan AS and was missed to MSU named after M.V. Lomonosov. Here, under the guidance the known mathematician, professor G.E.Shilov he is engaged in studing of functional analysis, and namely the theory of measure and integral on infinite spaces, and also, he carries out the investigations, related with Fourier-Wiener transformations and their applications for the solution of the equations in variations on the linear spaces with Gaussian measure.

In 1973 he defends the candidate dissertation on the theme: "To the theory of Fourier-Wiener transformation". The questions on the existence of Fourier -Wiener transformation for the functionals of the greatly special form (the conditions of the analyticity type are put on the kernel of transformation) in the class of continuous functions with Weiner measure were proved by M.Cameron and M.Martin.

In R.V.Guseynov's work the condition of the analyticity type is not required and the theorem generating M.Kameron and M.Martin theorems from the case of the concrete space - a space of continuous functions with Weiner measure to the case of the universal space (abstract linear space with Gaussian measure, given by the odd set of functions) has been proved. Furthemore linear functionals of the special type, appearing in Kameron-Martin's pass to the general linear functionals on the space of summable with square functions. The results related the functional of Fourier-Wiener transformation with its Volter derivative on the universal space have been obtained also by him.

The existence of the solution of the equations in variations on the linear spaces with Gaussian measure was proved by Guseynov. These results generate Frobenits theorems for a finite dimensional space. From 1972 to 1990 R.V. Guseynov worked in Kirovabad Pedagogical and Azerbaijan Technological Institutes, moreover in the latter he managed the chair of higher mathematics. From January 1990 he is a senior, and then a chief collaborator of IMM. From January 1991 by 1994 he is a probationer-degree of the department of Mechanics-Mathematics of MSU. In 1994 he defends the doctor's dissertation on the theme: ''Quasielleptic equations. The asymptotics of solutions. Spectral properties. The solvability of boundary value problems''. One of R.V.Guseynov's important results is related to the generations of the Hardy-Poincare inequality for the functions from Sobolev's anisatropic spaces in n dimensional Euclidean spaces and in some unbounded domains. These results are used in the

investigations of different boundary value problems for quasielliptic equations with the help of anisotropic inequalities of Hardy-Poincare type the theorems on negative spectrum of the quasielliptic operators by him.

The theorems of Fragmen-Lindelef type for the solutions of Dirichlet and Neuman boundary value problems for the quasielleptic equaions in cylinders and other unbounded domains had been set by Guseynov R.V.

The normal solvability of a general boundary value problem with boundary operators subjected to the conditions of Lapatinsky type, also the smoothness of the right hand part of boundary value of equations and boundary operator has been proved by him.

A number of results on belonging of the solution to the Hölder class inside of domain and on Dirichlet zero boundary conditions up to boundary has been obtained by Guseynov R.V.

Guseynov R.V. is an excellent teacher, sensitive and responsive in attitude with people. His interests exceed the bounds of mathematics. He is a good connoisseur of philosophy, history, literature, art and excellently. R.V. Huseynov meets his 60^{th} anniversary with full creative intentions. We wish him a sound health and creative successes.

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