ENGVAN INSUGOVICH KIM, ON HIS SIXTIETH
BIRTHDAY AND THIRTY-FIVE YEARS OF
SCIENTIFIC AND PEDAGOGICAL ACTIVITY

On November 12, 1971 Professor Engvan Insugovich Kim, Doctor of Physical and Mathematical Sciences, celebrated his 60th birthday and 35 years of scientific and pedagogical activity as a prominent scientist—expert on heat conduction theory and as Corresponding Member of the Academy of Sciences of the KazSSR.

E. I. Kim was born in the Khazan District of the Maritime Province in the Far-Eastern land. In 1937 he graduated with distinction from the Department of Mechanics and Mathematics at the Moscow State University, whereupon he began his professional activity at the Kzyl—Ordinsk Pedagogical Institute in Kazakhstan.

Under the guidance of Academician S. L. Sobolev, he completed his work on the Candidate's dissertation and defended it successfully in 1942. In 1943 he was appointed to the position of Lecturer.

From 1945 to 1964 E. I. Kim was Department Head at the Kazakh State University, then Department Head and Dean at the Rostow Pedagogical Institute as well as Head, Department of Higher Mathematics at the Khar'kov Polytechnic Institute.

During 1953-1955 E. I. Kim was working on his Doctorate under Academician I. N. Vekua and defended his Doctor's dissertation successfully in 1957, after which he became Professor in 1960. In 1962 he was elected to the Academy of Sciences of the KazSSR as Corresponding Member.

Since 1964 E. I. Kim heads the Laboratory of Equations of Mathematical Physics at the Institute of Mathematics and Mechanics, Academy of Sciences of the KazSSR, as well as the Department of Equations of Mathematical Physics at the Kazakh State University.

E. I. Kim has authored over 60 articles on the theory of partial differential equations and their applications to engineering problems. The more important articles deal with the analysis of various boundary-value problems involving equations and systems of equations of the parabolic type with discontinuous coefficients, which arise in the study of heat and mass transfer phenomena. E. I. Kim has

proposed an original method of solution, based on the method of thermal potentials with a subsequent reduction of the constraint problems to systems of unique integral and integrodifferential equations. The method of regularizing these equations, as proposed by E. I. Kim, has been proven to be very effective in the study of heat conduction in various media and in the solution of many practical problems.

Engvan Insugovich is interested in an unusually wide range of different scientific subjects. He has analyzed some very difficult problems in heat conduction with discontinuous thermophysical parameters for the case where the discontinuity line extends beyond the medium boundary, problems where the boundary values do not satisfy the condition of compatibility, problems where the boundary conditions contain high-order derivatives, and he formulated the conditions under which such problems can be solved.

At present Professor E. I. Kim is creatively working on the solution of practical problems of far-reaching significance to science and technology. Under his direction and with his active participation, it has been possible to develop the basic mathematical theory of thermal processes in electrical contacts, to explain the role of thermoelectric effects in these processes, to study the erosion in bridge circuits and welding of contactors, and to develop an engineering method of designing bimetallic elements for protective devices.

Owing to the efforts by E. I. Kim, the scientific method is being successfully applied to Kazakhstan concerning the theory of heat conduction.

The Kazakhstan Seminar on Equations of Mathematical Physics, which is run by E. I. Kim on a continuous basis, has become well known even outside the Republic.

Sixteen Doctor's and Candidate's dissertations are defended under E. I. Kim's guidance.

For his creative scientific work and for training scientific cadres to contribute to the welfare of the Republic, he has been given a Distinguished Citation by the Supreme Council of the KazakhSSR.

Professor E. I. Kim is a member of the editoral advisory board for "Inzhenerno-Fizicheskii Zhurnal" and several other scientific-technical publications.

The Editorial Board wish the celebrant good health and further success for the cause of Soviet science.