

RAMAZAN ABDULAEV
(1936 – 2004)



Dr. Ramazan Abdulaev, a leading researcher of the A. Razmadze Mathematical Institute, died on October 13, 2004.

R. Abdulaev was born on November 22, 1936 in Tbilisi, in the family of N. Abdulaev and N. Artmeladze, professors of the Georgian Polytechnical Institute highly respected in the Tbilisi scientific circles. From 1945 to 1955, he studied at boys' school No. 11, after finishing which with the silver medal, he entered the mechanical-and-mathematical faculty of Tbilisi State University. In 1960 he graduated the faculty with honors and took a post-graduate course at the Perm State University. His scientific supervisor was well-known mathematician Prof. L. Volkovyskiĭ, who brought his attention to the theory of Riemann surfaces and to the study, on these surfaces, of those

boundary value problems for analytic functions which the Georgian mathematicians studied intensively on the plane. R. Abdulaev successfully coped with this task. He revealed the role surface geometry plays in the solvability of boundary value problems, proved the conditions under which these problems are solvable, and constructed their solutions. These results formed the basis of his Ph.D. thesis which he defended in 1964. In subsequent years, R. Abdulaev solved these problems in various functional classes. However he concentrated his main attention on the theory of minimal surfaces. In this area, he became the author of interesting studies of problems concerning the existence of minimal surfaces stretched over contours of different smoothness. With a great deal of thoroughness he studied differential equations related to this topic. He made strict demands of scientific publications, especially of those he had written himself. Each of his published works contains the original results. He was accustomed to come to the essence of the matter and to meticulously examine every detail of the problem.

In the reports he delivered at the seminars and conferences he gave an account of his results in an easy to understand, professional and masterly manner.

From 1963 to his last day, R. Abdulaev worked at A. Razmadze Mathematical Institute, successively as a junior, senior and leading researcher. He combined his scientific work with reading special and general courses on mathematics in the leading schools of higher learning in Tbilisi. R. Abdulaev was one of the founders of special mathematical boarding school in Tbilisi, the first of this kind in Tbilisi. From 1990 to 2000 R. Abdulaev was the academic secretary of the Scientific Council on Awarding Academic Degrees under A. Razmadze Mathematical Institute.

Owing to his rich mathematical knowledge and enviable linguistic flair, he was an indispensable and prominent member of the group of mathematicians who had prepared the multilingual dictionary of mathematical terms.

To our deep sorrow the life of this brilliant mathematician and lecturer, charming person and faithful friend, tactful and considerate family man came to its fatal end.

The blessed memory of R. Abdulaev will forever live in the minds of those who knew this remarkable man.

V. PAATASHVILI