On June 20, 2011, the outstanding mathematician and teacher Alexander V. Abrosimov passed away in the city of Nizhny Novgorod in Russia, due to a serious illness.

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Dr. Abrosimov undertook graduate studies in the Department of Mechanics and Mathematics of Lomonosov Moscow State University under the supervision of Professor Boris Shabat. In 1984 he defended his Ph.D. dissertation “Complex differential systems and the tangential Cauchy-Riemann equations”. Dr. Abrosimov was associate professor in the theory of functions sub-

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methods nowadays well known to CR-geometry specialists.

Firstly, Abrosimov proved that holomorphic automorphisms of a quadric of codimension two are furnished by birational transformations of degree two.

Secondly, he convincingly demonstrated the power of the machinery of differential algebra in CR-geometry. In particular, he proved that under mild conditions the stabilizer of a point in the group of automorphisms of a quadric in $\mathbb{C}^n$ is a linear group.

Thirdly, he was among the first researchers to look into scrutinizing a class of CR-manifolds of codimension one. To date, the class has remained a focus of active attention and efforts of research.

Overall, Alexander Abrosimov published more than twenty-five scientific works on complex analysis, including the fundamental paper "A description of locally biholomorphic automorphisms of standard quadrics of codimension two". Some of the works of Abrosimov in CR-geometry and adjacent fields in complex analysis are deemed pioneering and his contribution important.

Abrosimov was a brilliant teacher and lecturer; he enjoyed igniting the fire in students and inspiring them to learn and develop mathematics. He passed away, but his spirit of optimism and belief in cognizance of the world are alive in his disciples and will live on for years to come.

You are welcome to visit the Wiki page about A. V. Abrosimov: http://en.wikipedia.org/wiki/Alexander_Abrosimov.

**Selected papers of Dr. A. V. Abrosimov**


