

Extract from OP-SF NET

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From: OP-SF NET Editors

Subject: Jaromír Vosmanský 1934-2012

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doc RNDr. Jaromír Vosmanský, CSc, known as Jarek to his friends, died in Brno, Czech Republic on August 15, 2012, after a long illness.

He was born October 11, 1934 in Neubuzi, district of Zlin, Czechoslovakia, and studied at the secondary school in Zlin. Then he studied mathematics and physics at the Faculty of Science of what is now Masaryk University in Brno. He became a student of Otakar Borůvka, a major figure in Czechoslovak mathematics who created a school of differential equations in Brno in the 1950s. He was awarded a doctorate in 1969 for work on the question of getting higher monotonicity properties of solutions (and their zeros) of the differential equation $y'' + q(t)y = 0$, as a consequence of assuming similar properties of $q(t)$, extending work of L. Lorch and P. Szego on this subject. This was applied, in particular, to the zeros of Bessel functions and their derivatives. Jarek also worked on general questions concerning transformation theory of differential equations and the idea of principal pairs of solutions.

Vosmanský did important work in the organizing of conferences, in particular the Equadiff series of Czechoslovak Conferences on Differential Equations and their Applications. He was a most generous host on the occasions when these conferences were held in Brno in 1973, 1985, 1997 and 2009, and was an editor of several Proceedings arising from these (international) conferences. He was managing editor of the journal *Archivum Mathematicum* (Brno) for more than ten years.

Jarek had many hobbies – hunting, classical music, gardening. He played the double-bass in the dulcimer (cembalo) group of the Faculty of Science more than fifty years.

Jarek is survived by his wife Gabi. He will be missed by all those who had the good fortune to know him.