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Dynamic Response
of Pre-Stressed
Spatially Curved
Thin-Walled Beams
of Open Profile

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Biography:
Marina V. Shitikova is a Soros Professor and Principal Researcher at the International Center of Dynamics of Solids and Structures at Voronezh State University of Architecture and Civil Engineering in Russia. She received her MEng in Civil Engineering in 1982, a PhD degree in Structural Mechanics in 1987 from Voronezh Civil Engineering Institute, a DSc degree in Solid Mechanics in 1995 from the Institute for Problems in Mechanics, Russian Academy of Sciences and full Professorship in 1995 from Voronezh State University of Architecture and Civil Engineering. Since 1994, she has been an Associate Member of the Acoustical Society of America, since 1995 she has been a Member of the EUROMECH, GAMM, the ASME International, and Russian Association "Women in Science and Education". She has published more than 200 papers dealing with structural mechanics, vibrations, wave dynamics, acoustics, and fractional calculus viscoelasticity. In 1998 she was awarded the Russian President's Fellowship for Outstanding Young Doctors of Sciences. She is a grantee of the International Foundation, DFG, DAAD, Fulbright Foundation, and Russian Foundation for Basic Research

Selected Publications:
Papers with Marina V. Shitikova as first author or in which Yury A. Rossikhin is not an author:
Marina V. Shitikova and Yury A. Rossikhin, "A new approach for studying nonlinear dynamic response of a thin fractionally damped cylindrical shell with internal resonances of the order of epsilon", Chapter in Shell and Membrane theories in Mechanics and Biology, Vol. 45 of the series Advanced Structured Materials, pp 301-321, September 2014

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