



Professor Alexander Ya. Grigorenko

S.P. Timoshenko Institute of Mechanics
National Academy of Sciences of Ukraine, Kiev

Selected Publications:

- Ya. M. Grigorenko, A. Ya. Grigorenko, and L. I. Zakhariichenko, "Stress analysis of noncircular cylindrical shells with cross section in the form of connected convex half-corrugations," *Int. Appl. Mech.*, 42, No. 4, 431–438 (2006).
- Ya. M. Grigorenko, A. Ya. Grigorenko, and L. S. Rozhok, "Solving the stress problem for solid cylinders with different end conditions," *Int. Appl. Mech.*, 42, No. 6, 629–635 (2006).
- Ya. M. Grigorenko, A. Ya. Grigorenko, and L. I. Zakhariichenko, "Stress-strain solutions for circumferentially corrugated elliptic cylindrical shells," *Int. Appl. Mech.*, 42, No. 9, 1021–1028 (2006).
- Ya. M. Grigorenko, A. Ya. Grigorenko, and L. I. Zakhariichenko, "Influence of geometrical parameters on the stress longitudinally corrugated elliptic cylindrical shells," *Int. Appl. Mech.*, 45, No. 2, 187–192 (2009).
- Grigorenko, Y.M. and Grigorenko, A.Y. (2013), "Static and dynamic problems for anisotropic inhomogeneous shell parameters and their numerical solution (review)", *Int. Appl. Mech.*, 49(2), 123-193.
- Alexander Ya. Grigorenko, Wolfgang H. Mueller, Yaroslav M. Grigorenko and Georgii G. Vlaikov, *Recent Developments in Anisotropic Heterogeneous Shell Theory, General Theory and Applications of Classical Theory, Vol. I*, Springer, 2016
- Alexander Ya. Grigorenko, Wolfgang H. Mueller, Yaroslav M. Grigorenko and Georgii G. Vlaikov, *Recent Developments in Anisotropic Heterogeneous Shell Theory, Applications of Refined and Three-Dimensional Theory - Vol. IIA*, Springer, 2016
- Alexander Ya. Grigorenko, Wolfgang H. Mueller, Yaroslav M. Grigorenko and Georgii G. Vlaikov, *Recent Developments in Anisotropic Heterogeneous Shell Theory, Applications of Refined and Three-Dimensional Theory - Vol. IIB*, Springer, 2016