



Professor Danilo Z. Karličić

Right-most image above is from: Karličić, D., Kozic, P., Pavlovic, R.: Nonlocal vibration and stability of a multiple-nanobeam system coupled by the Winkler elastic medium. *Appl. Math. Modell.* **40**, 1599–1614 (2016)

See:

https://www.researchgate.net/profile/Danilo_Karlicic2

<https://scholar.google.com/citations?user=i2BJl8gAAAAJ&hl=en>

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Selected Publications:

Book:

Danilo Karličić, Tony Murmu, Sondipon Adhikari and Michael McCarthy, *Non-Local Structural Mechanics*, Wiley, 2015, 372 pages

Journal Articles, etc.:

Karličić, D., Cajic, M., 2012, Energy Transfer Analysis of an Elastically Connected Circular Double-Membrane Compound System, Book of abstracts, 8th European Solid Mechanics Conference, Graz (2012).

D. Karličić, P. Kozic, R. Pavlovic, Free transverse vibration of nonlocal viscoelastic orthotropic multi-nanoplate system (MNPS) embedded in a viscoelastic medium, *Compos. Struct.*, 115 (2014), pp. 89-99

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Danilo Karličić, Predrag Kozic and Ratko Pavlovic, “Flexural vibration and buckling analysis of a single-walled carbon nanotube using different gradient elasticity theories based on Reddy and Huu-Tai formulations”, *Journal of Theoretical and Applied Mechanics*, Vol. 53, No. 1, pp 217-233, Warsaw 2015

Ivan Pavlovic, Ratko Pavlovic, Ivan Ciric and Danilo Karlicic, “Dynamic stability of nonlocal Voigt-Kelvin viscoelastic Rayleigh beams”, *Applied Mathematical Modelling*, 2015 (in press)

Karličić, D., Cajic, M., Kozic, P., et al.: Temperature effects on the vibration and stability behavior of multi-layered graphene sheets embedded in an elastic medium. *Compos. Struct.* 131, 672–681 (2015)

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Danilo Karličić, Sanja Ozvat, Milan Cajic, Predrag Kozic and Ratko Pavlovic, “Bending vibration and stability of a multiple-nanobeam system influenced by temperature change”, *Facta Universitatis, Series: Mechanical Engineering*, Vol. 14, No 1, pp 75-88, 2016

Milan Cajic, Danilo Karličić and Mihailo Lazarevic, “Damped vibration of a nonlocal nanobeam resting on viscoelastic foundation: Fractional derivative model with two retardation times and fractional parameters”, *Meccanica*, March 2016

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Marija Stamenkovic Atanasov, Danilo Karličić, Predrag Kozic and Goran Janevski, “Thermal effect on free vibration and buckling of a double-microbeam system”, *Facta Universitatis, Series: Mechanical Engineering*, Vol. 15, No. 1, pp 45-62, 2017

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