plastic analysis of a functionally graded rotating disk under cyclic thermo-mechanical loadings considering continuum damage mechanics", *Int. J. Appl. Mech.*, **7**(2), 1550026.

Phung-Van, P., Thanh, C.-L., Nguyen-Xuan, H. and Abdel-Wahab, M. (2018), "Nonlinear transient isogeometric analysis of FG-CNTRC nanoplates in thermal environments", *Compos. Struct.*, **201**, 882-892.

Reddy, J. and Chin, C. (1998), "Thermomechanical analysis of functionally graded cylinders and plates", *J. Therm. Stress.*, **21**(6), 593-626.

Romano, G. and Barretta, R. (2017), "Nonlocal elasticity in nanobeams: the stress-driven integral model", *Int. J. Eng. Sci.*, **115**, 14-27.

Sahmani, S., Aghdam, M.M. and Rabczuk, T. (2018), "Nonlinear bending of functionally graded porous micro/nano-beams reinforced with graphene platelets based upon nonlocal strain gradient theory", *Compos. Struct.*, **186**, 68-78.

Shafiei, N. and She, G.-L. (2018), "On vibration of functionally graded nano-tubes in the thermal environment", *Int. J. Eng. Sci.*, **133**, 84-98.

Shahrjerdi, A., Mustapha, F., Bayat, M. and Majid, D. (2011), "Free vibration analysis of solar functionally graded plates with temperature-dependent material properties using second order shear deformation theory", *J. Mech. Sci. Technol.*, **25**(9), 2195.

Shahsavari, D. and Janghorban, M. (2017), "Bending and shearing responses for dynamic analysis of single-layer graphene sheets under moving load", *J. Brazil. Soc. Mech. Sci. Eng.*, **39**(10), 3849-3861.

Shahsavari, D., Karami, B., Janghorban, M. and Li, L. (2017), "Dynamic characteristics of viscoelastic nanoplates under moving load embedded within visco-Pasternak substrate and hygrothermal environment", *Mater. Res. Express*, **4**(8), 085013.

Shahsavari, D., Karami, B., Fahham, H.R. and Li, L. (2018a), "On the shear buckling of porous nanoplates using a new size-dependent quasi-3D shear deformation theory", *Acta Mechanica*, **229**(11), 4549-4573.

Shahsavari, D., Karami, B. and Li, L. (2018b), "Damped vibration of a graphene sheet using a higher-order nonlocal strain-gradient Kirchhoff plate model", *Comptes Rendus Mécanique*.

Shahsavari, D., Karami, B. and Li, L. (2018c), "A high-order gradient model for wave propagation analysis of porous FG nanoplates", *Steel Compos. Struct., Int. J.*, **29** (1), 53-66.

Shahsavari, D., Karami, B. and Mansouri, S. (2018d), "Shear buckling of single layer graphene sheets in hygrothermal environment resting on elastic foundation based on different nonlocal strain gradient theories", *Eur. J. Mech.-A/Solids*, **67**, 200-214.

Shahsavari, D., Shahsavari, M., Li, L. and Karami, B. (2018e), "A novel quasi-3D hyperbolic theory for free vibration of FG plates with porosities resting on Winkler/Pasternak/Kerr foundation", *Aerosp. Sci. Technol.*, **72**, 134-149.

She, G.-L., Ren, Y.-R., Yuan, F.-G. and Xiao, W.-S. (2018a), "On vibrations of porous nanotubes", *Int. J. Eng. Sci.*, **125**, 23-35.

She, G.-L., Yan, K.-M., Zhang, Y.-L., Liu, H.-B. and Ren, Y.-R. (2018b), "Wave propagation of functionally graded porous nanobeams based on non-local strain gradient theory", *Eur. Phys. J. Plus*, **133**(9), 368.

She, G.-L., Yuan, F.-G. and Ren, Y.-R. (2018c), "On wave propagation of porous nanotubes", *Int. J. Eng. Sci.*, **130**, 62-74.

She, G.-L., Yuan, F.-G., Ren, Y.-R., Liu, H.-B. and Xiao, W.-S. (2018d), "Nonlinear bending and vibration analysis of functionally graded porous tubes via a nonlocal strain gradient theory", *Compos. Struct.*, **203**, 614-623.

She, G.-L., Yuan, F.-G., Karami, B., Ren, Y.-R. and Xiao, W.-S. (2019), "On nonlinear bending behavior of FG porous curved nanotubes", *Int. J. Eng. Sci.*, **135**, 58-74.

Shimpi, R. and Patel, H. (2006), "A two variable refined plate theory for orthotropic plate analysis", *Int. J. Solids Struct.*, **43**(22-23), 6783-6799.

Taghizadeh, M., Ovesy, H. and Ghannadpour, S. (2015), "Nonlocal integral elasticity analysis of beam bending by using finite element method", *Struct. Eng. Mech., Int. J.*, **54**(4), 755-769.

Touloukian, Y.S. and Ho, C. (1970), "Thermal expansion. Nonmetallic solids", In: *Thermophysical Properties of Matter-The TPRC Data Series,* New York: IFI/Plenum, 1970-, (Edited by Touloukian), YS| e (series ed.); Ho, CY| e (series tech. ed.).

Tounsi, A., Benguediab, S., Adda, B., Semmah, A. and Zidour, M. (2013), "Nonlocal effects on thermal buckling properties of double-walled carbon nanotubes", *Adv. Nano Res., Int. J.*, **1**(1), 1-11.

Tufekci, E., Aya, S.A. and Oldac, O. (2016), "A unified formulation for static behavior of nonlocal curved beams", *Struct. Eng. Mech., Int. J.*, **59**(3), 475-502.

Wu, Z., Cheung, Y., Lo, S. and Chen, W. (2008), "Effects of higher-order global–local shear deformations on bending, vibration and buckling of multilayered plates", *Compos. Struct.*, **82**(2), 277-289.

Zenkour, A.M. (2016), "Buckling of a single-layered graphene sheet embedded in visco-Pasternak's medium via nonlocal first-order theory", *Adv. Nano Res., Int. J.*, **4**(4), 309-326.

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