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Selected Publications:

- M. Mirzaei and Y. Kiani, Thermal Buckling of Temperature Dependent FG-CNT Reinforced Composite Plates, *Meccanica*, vol. 47, pp. 1–17, 2015.
- Mirzaei, M., Kiani, Y.: Thermal buckling of temperature dependent FG-CNT reinforced composite conical shells. *Aerosp. Sci. Technol.* 47, 42–53 (2015)
- Mirzaei, M., Kiani, Y.: Snap-through phenomenon in a thermally postbuckled temperature dependent sandwich beam with FG-CNTRC face sheets. *Compos. Struct.* 134, 1004–1013 (2015)
- Mirzaei, M., Kiani, Y.: Nonlinear free vibration of temperature dependent sandwich beams with carbon nanotube reinforced face sheets. *Acta Mech.* 227, 1869–1884 (2016)
- Mirzaei, M., Kiani, Y.: Thermal buckling of temperature dependent FG-CNT reinforced composite plates. *Meccanica* 51, 2185–2201 (2016)
- Mirzaei, M., Kiani, Y.: Free vibration of functionally graded carbon-nanotube-reinforced composite plates with cutout. *Beilstein J. Nanotechnol.* 7, 511–523 (2016)
- Mirzaei, M., Kiani, Y.: Free vibration of functionally graded carbon nanotube reinforced composite cylindrical panels. *Compos. Struct.* 142, 45–56 (2016)

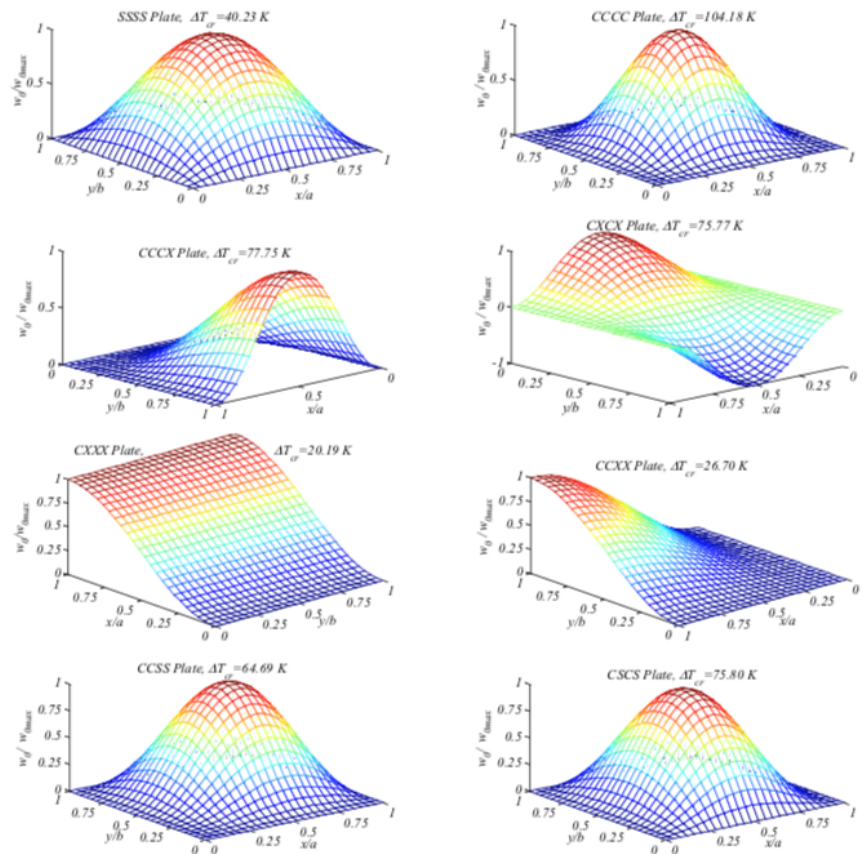


Fig. 3 Critical buckling temperature and buckled configurations of FG-X GPLRC plates with $a/b = 1$, $a/h = 25$, $W_{GPL} = 0.3\%$ and different types of boundary conditions

From: Y. Kiani and M. Mirzaei, “Isogeometric thermal postbuckling of FG-GPLRC laminated plates”, *Steel and Composite Structures*, Vol. 32, No. 6, September 25 2019, pp 821-832

Mirzaei, M., Kiani, Y.: Vibration analysis of functionally graded carbon nanotube-reinforced composite shell structures. *Acta Mech.* 227, 581-559 (2016)

M. Mirzaei, and Y. Kiani, "Free vibration of FG-CNT reinforced composite spherical shell panels using Gram-Schmidt shape functions," *Compos. Struct.*, vol. 159, pp. 368–381, 2017.

Mostafa Mirzaei and Yaser Kiani, "Nonlinear free vibration of FG-CNT reinforced composite plates", *Structural Engineering and Mechanics*, Vol. 64, No. 3, pp 381-390, 2017

M. Mirzaei and Y. Kiani, "Isogeometric thermal buckling analysis of temperature dependent FG graphene reinforced laminated plates using NURBS formulation", *Composite Structures*, Vol. 180, pp 606-618, November 2017

Y. Kiani, M. Mirzaei, Enhancement of non-linear thermal stability of temperature dependent laminated beams with graphene reinforcements, *Compos Struct*, 186 (2018), pp. 114-122

Y. Kiani and M. Mirzaei, "Rectangular and skew shear buckling of FG-CNT reinforced composite skew plates using Ritz method", *Aerospace Science and Technology*, Vol. 77, pp 388-398, June 2018

Mostafa Mirzaei, "Thermal buckling of temperature-dependent composite super elliptical plates reinforced with carbon nanotubes", *Journal of Thermal Stresses*, Vol. 41, No. 7, pp 920-935, 2018

Y. Kiani and M. Mirzaei, "Isogeometric thermal postbuckling of FG-GPLRC laminated plates", *Steel and Composite Structures*, Vol. 32, No. 6, September 25 2019, pp 821-832

M. Mirzaei, "Lord–Shulman Nonlinear Generalized Thermoviscoelasticity of a Strip", *International Journal of Structural Stability and Dynamics*, Vol. 20, No. 2, 2050017, February 2020