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Selected Publications:

P. Zhu, Z.X. Lei, K.M. Liew. Static and free vibration analyses of carbon nanotube-reinforced composite plates using finite element method with first order shear deformation plate theory, *Compos Struct*, 94 (2012), pp. 1450–1460

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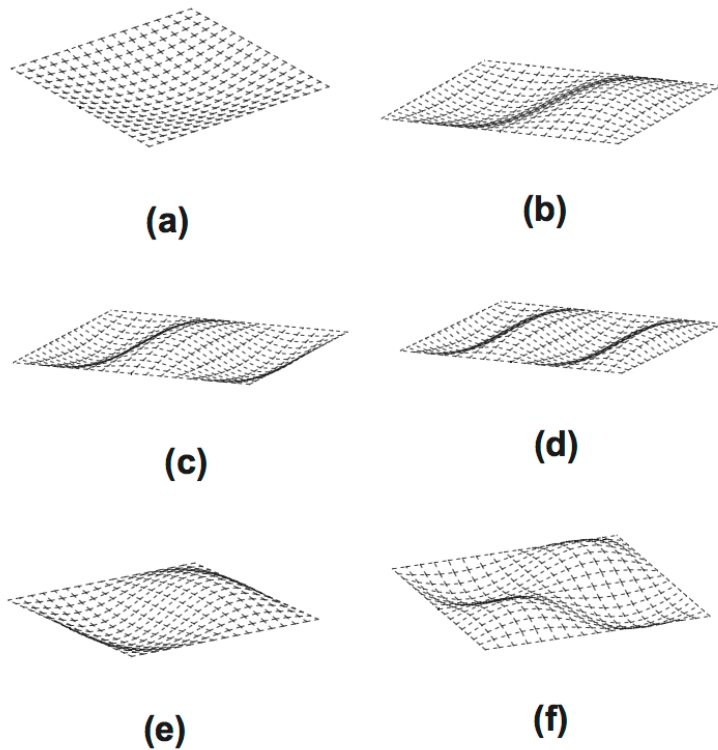


Fig. 9. Free vibration modal shapes of four edges fully clamped FG-V CNTRC plate. (a) 1st Mode ($m = 1, n = 1$); (b) 2nd Mode ($m = 1, n = 2$); (c) 3rd Mode ($m = 1, n = 3$); (d) 4th Mode ($m = 1, n = 4$); (e) 5th Mode ($m = 2, n = 1$); and (f) 6th Mode ($m = 2, n = 2$).

From: Z.X. Lei, K.M. Liew, J.L. Yu, Free vibration analysis of functionally graded carbon nanotube-reinforced composite plates using the element-free kp-Ritz method in thermal environment, *Compos. Struct.*, 106 (2013), pp. 128–138

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K.M. Liew, Z.X. Lei and L.W. Zhang, “Mechanical analysis of functionally graded carbon nanotube reinforced composites: A review”, *Composite Structures*, Vol. 120, pp 90-97, February 2015

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