

Figure 1 Rectangular single-layered graphene sheet (SLGS).

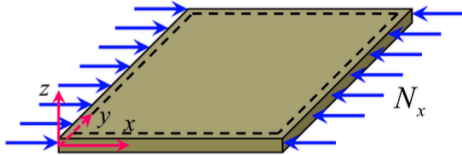


Figure 2 Rectangular nanoplate with all edges simply supported subjected to axial compression.

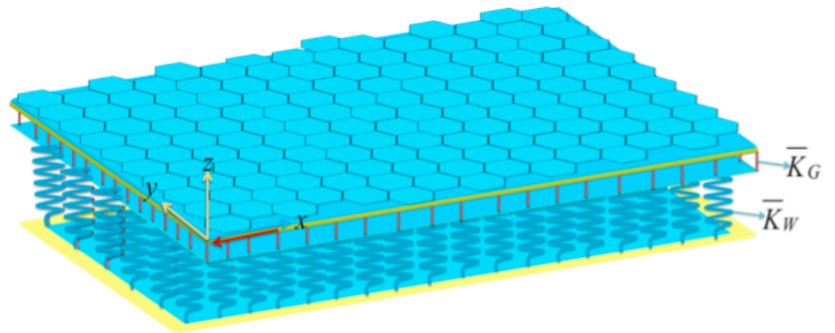


Figure 1 rectangular nanoplate embedded in an elastic medium

Upper left double image is from: Mohammadi, M., Asemi, S.R., Farajpour, A.: A study on the nonlinear stability of orthotropic single-layered graphene sheet based on nonlocal elasticity theory. *Lat. Am. J. Solids Struct.* **11**, 1541–1564 (2014)

Upper right image is from: M. Mohammadi, A. Moradi, M. Ghayour and A. Farajpour, "Exact solution for thermo-mechanical vibration of orthotropic mono-layer graphene sheet embedded in an elastic medium", *Latin American Journal of Solids and Structures*", Vol. 11, pp 437-458, 2014

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