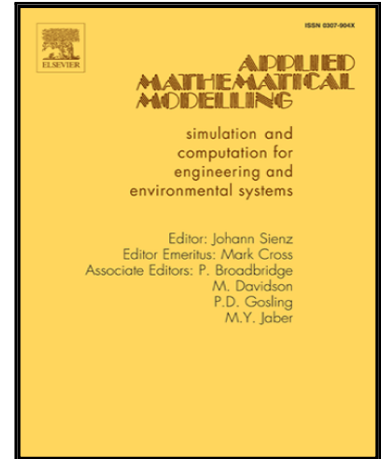


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Modeling of nonlinear vibration of graphene sheets using the element free kp-Ritz method based on the nonlocal plate model

L.W. Zhang , Yang Zhang , K.M. Liew

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Highlights

- Mathematical modeling of the nonlinear vibration behavior of graphene sheets is examined.
- The element-free kp-Ritz method is employed to perform the numerical simulation.
- Nonlocal elasticity theory is incorporated to account for the small scale effect.

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