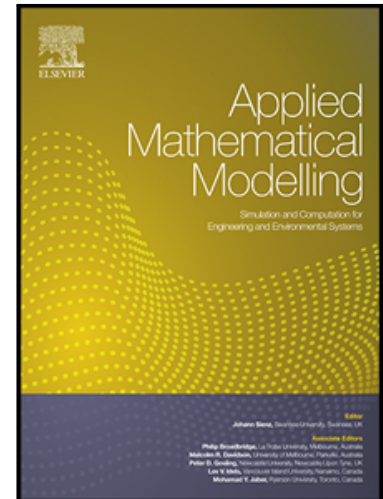


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Nonlinear dynamic characteristics of bi-graphene sheets/piezoelectric laminated films considering high order van der Waals force and scale effect

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Highlights

- Analytical solution for nonlinear dynamic characteristics of laminated films.
- Moving nano-particles are absorbed into the channel between laminated films.
- The nonlinear amplitude of laminated films can be controlled by electric loading.

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