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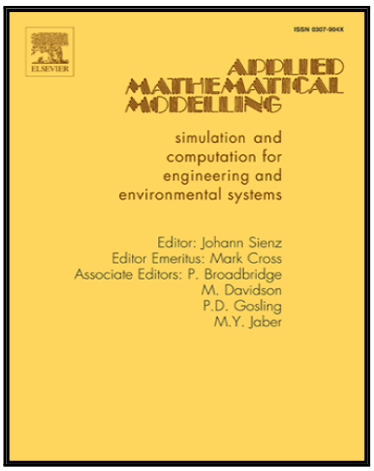

Transverse free vibration and stability of axially moving nanoplates based on nonlocal elasticity theory

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Highlights

- Constructing the axially moving nanoplate model based on Eringen’s nonlocal theory
- Determining the sub-critical regions using the complex mode method
- Determining the super-critical regions by Galerkin method
- Investigating the transverse dynamics and stability of axially moving nanoplate

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