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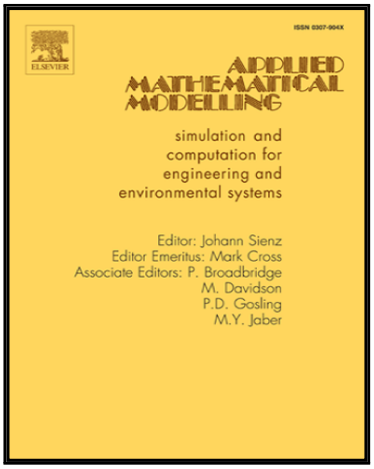

Vibration and instability analysis of nanotubes conveying fluid subjected to a longitudinal magnetic field

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Highlights

- Nonlocal parameter increases natural frequencies and critical flow velocities.
- Magnetic field increases critical flow velocities and the natural frequencies.
- Presence of a strong magnetic field reduces effect of internal fluid flow.
- For $H_x>10^8$, effects of nonlocal parameter and boundary conditions are reduced.

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