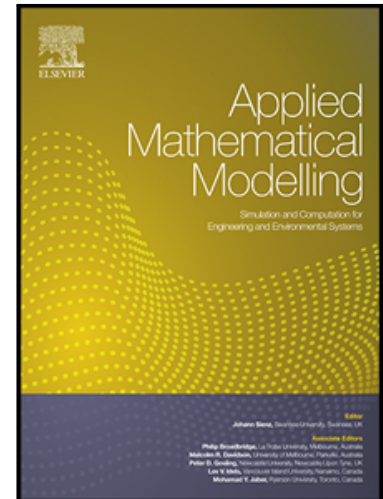


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Buckling and free vibration analysis of high speed rotating carbon nanotube reinforced cylindrical piezoelectric shell

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Highlights

- Buckling and vibration behavior of a piezoelectric rotating (CNTRC) shell is investigated.
- The generalized differential quadrature method is employed to solve the governing equations.
- Both cases of uniform distribution and FG distribution patterns of reinforcements are studied.
- Effect of various parameters on critical voltage and natural frequency of piezoelectric rotating CNTRC shell is investigated.

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