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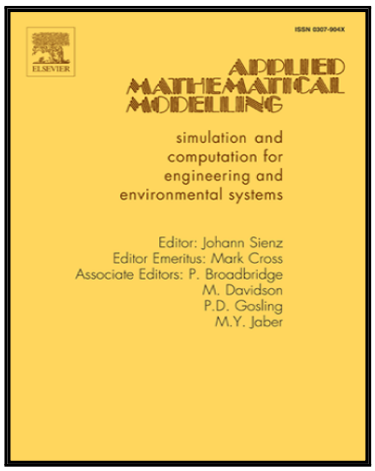

Free Vibration of Non-uniform Euler–Bernoulli Beam Under Various Supporting Conditions Using Chebyshev Wavelet Collocation Method

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Highlights

- Disadvantage of Chebyshev Wavelets Method is eliminated.
- Non-uniform Euler–Bernoulli beams are investigated by CWCM.
- The validity and applicability of the proposed method are demonstrated by examples.
- Accuracy of the CWCM is quite good even for small number of grid points.

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