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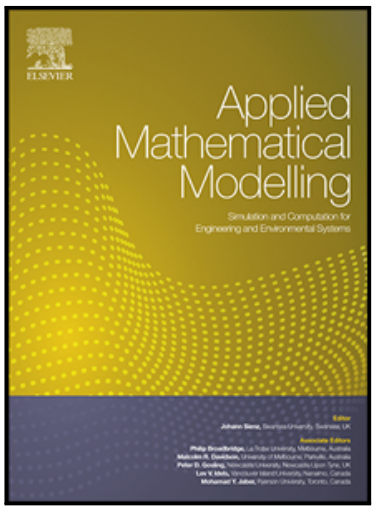

Exact solutions for coupled analysis of thin-walled functionally graded beams with non-symmetric single- and double-cells

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Highlights

- Three types of material distributions are considered to investigate the effects of various structural parameters.
- Exact solutions for coupled analysis thin-walled functionally graded beams with non-symmetric single- and double-cells are presented.
- Explicit expressions for displacement parameters are derived using the power series approach from the four coupled equilibrium equations.

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