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An electromechanically coupled intrinsic, mixed variational formulation for geometrically nonlinear smart composite beam

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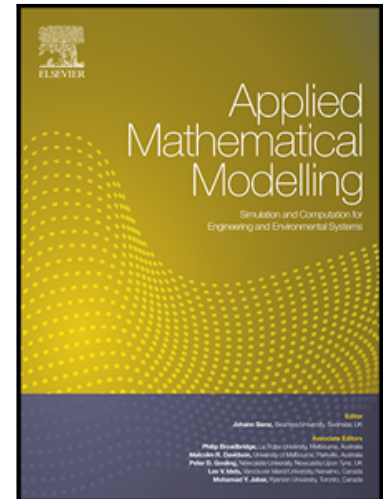
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Highlights

- Geometrically exact formulation for smart slender structures
- Non-linear analysis of piezoelectric laminated composite beam
- Excellent agreement of results with the literature as well as the finite element software, ABAQUS.
- Development of a platform for faster analysis while maintaining the accuracy

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