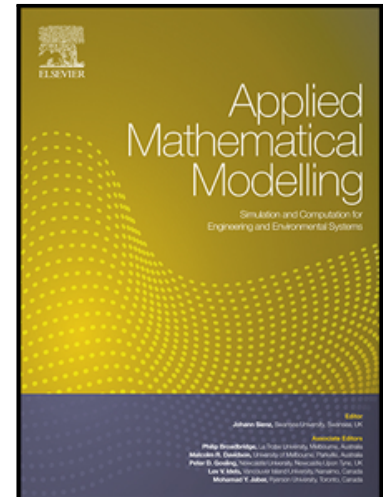


Accepted Manuscript

Electro-thermo-mechanical vibration and stability analyses of double-bonded micro composite sandwich piezoelectric tubes conveying fluid flow

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PII: S0307-904X(18)30124-0
DOI: [10.1016/j.apm.2018.03.008](https://doi.org/10.1016/j.apm.2018.03.008)
Reference: APM 12199



To appear in: *Applied Mathematical Modelling*

Received date: 18 July 2017
Revised date: 6 January 2018
Accepted date: 13 March 2018

Please cite this article as: M. Mohammadimehr , M. Mehrabi , Electro-thermo-mechanical vibration and stability analyses of double-bonded micro composite sandwich piezoelectric tubes conveying fluid flow , *Applied Mathematical Modelling* (2018), doi: [10.1016/j.apm.2018.03.008](https://doi.org/10.1016/j.apm.2018.03.008)

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Highlights

- Development of size-dependent electro-thermo-mechanical vibration and stability of flow-conveying double-bonded micro tubes
- Employing modified strain gradient theory to consider size dependent effect for sandwich piezoelectric micro composite tube
- Simulating micro composite tubes rested in an orthotropic elastic medium
- Applying non-uniform temperature distribution
- Employing the bifurcation curves for system instability using GDQM

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