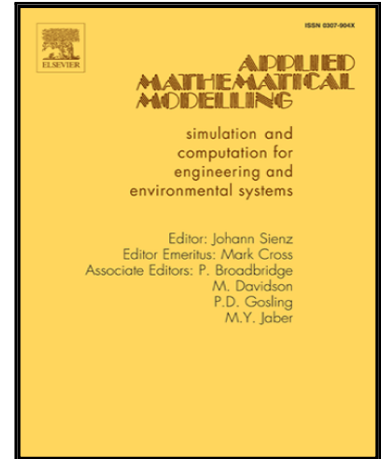


## Accepted Manuscript

Vibration Analysis of Thin Shallow Shells Using Spectral Element Method

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PII: S0307-904X(17)30097-5  
DOI: [10.1016/j.apm.2017.02.001](https://doi.org/10.1016/j.apm.2017.02.001)  
Reference: APM 11589



To appear in: *Applied Mathematical Modelling*

Received date: 22 October 2015  
Revised date: 22 January 2017  
Accepted date: 7 February 2017

Please cite this article as: Saeed Bahrami , Fatemeh Shirmohammadi , Morteza Madhkhan , Vibration Analysis of Thin Shallow Shells Using Spectral Element Method , *Applied Mathematical Modelling* (2017), doi: [10.1016/j.apm.2017.02.001](https://doi.org/10.1016/j.apm.2017.02.001)

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**Highlights**

- Spectral element method was developed for vibration analysis of shallow shells.
- The effect of in-plane boundary conditions of shallow shells was discussed.
- Shallow shell displacement subjected to impact load was calculated.

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