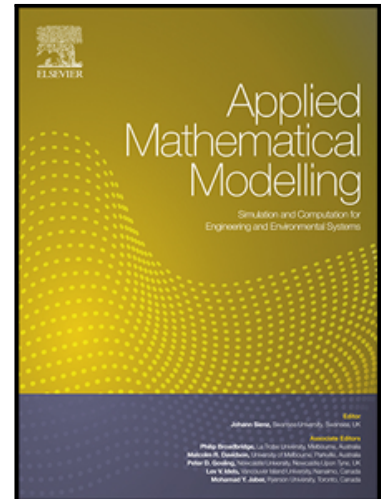


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Effects of functionally graded interlayers on dispersion relations of shear horizontal waves in layered piezoelectric/piezomagnetic cylinders

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Highlights

- Dispersive relations of SH guide waves in layered PE/PM cylinders are studied.
- Seven kinds of gradient profiles of graded interlayers are considered.
- Four kinds of mechanical and electromagnetic surfaces are considered.
- Direct integration of graded interlayer is used instead of layer-wise homogenization.
- The radial variation of vibration form for low and high order modes is studied.

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