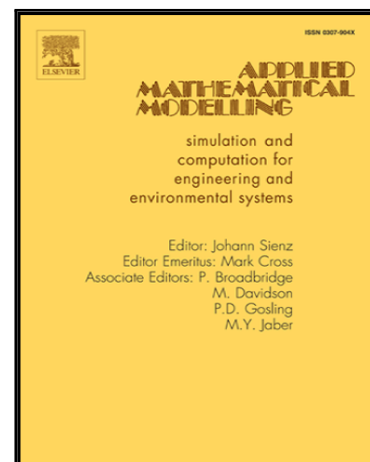


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Rayleigh wave on the half space with gradient piezoelectric layer and imperfect interface

Li Li , P.J. Wei , X. Guo

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**Highlights**

- The second order wave equation is reduced to first order state transfer equation.
- The transfer matrix of graded covering layer is obtained by geometric integrations.
- Five kinds of gradient profiles of covering layer are considered.
- The mechanically and dielectrically imperfect interfaces are both considered.

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