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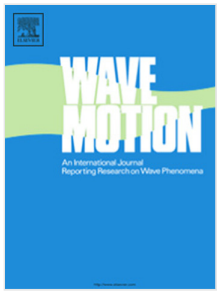

Flexural gravity wave motion over poroelastic bed

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Research Highlights

- The study deals with flexural gravity wave motion over poroelastic bed.
- The problems are analysed in both the cases of single and two-layer fluids.
- Effect of bed permeability and shear modulus on wave motion is studied.
- Minimum phase speed occurs for moderate values of bed permeability.
- Zero pressure gradients in pressure distribution occur in two-layer fluid.