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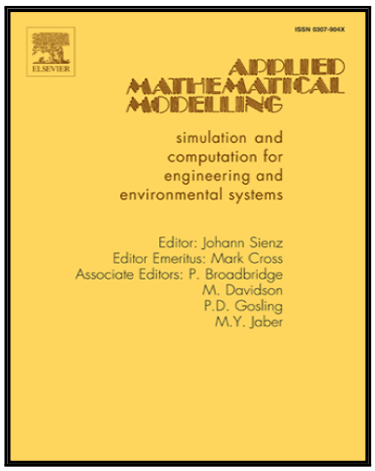

Homogenization of very rough interfaces for the micropolar elasticity theory

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Highlights

- The homogenization of a very rough interface of two micropolar solids is investigated.
- The homogenized equations in explicit form have been obtained.
- They are very useful in solving various practical problems.
- The reflection and transmission of waves at a very rough interface is considered.
- The formulas for the reflection and transmission coefficients have been derived.

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