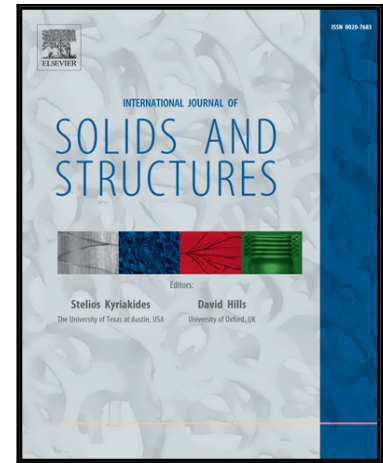


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Influence of imperfect interface and fiber distribution on the antiplane effective magneto-electro-elastic properties for fiber reinforced composites

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Highlights

- Asymptotic homogenization method provides accurate numerical result
- The spatial fiber distribution allows two composite property symmetry behavior
- The imperfect interphase has influence on the effective properties
- Magnetolectric coupling is sensitive to fiber distribution and imperfection

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