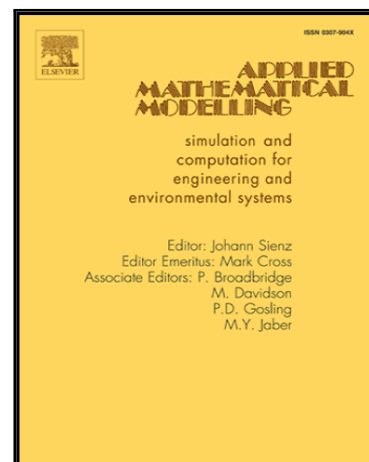


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Axisymmetric torsional fretting contact between a spherical punch
and an FGPM coating

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Highlights

- The maximum tensile principal stress increases with the increase of the gradient index.
- The maximum Mises stress occurs at the end of slip annulus where the severest state of stress happens.
- The FGPM coating can be used to resist the fretting contact damage at smart devices.

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