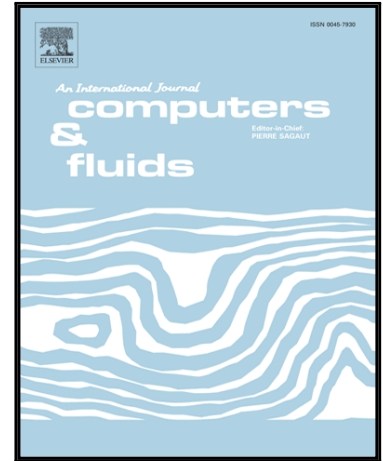


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A finite area scheme for shallow granular flows on three-dimensional surfaces

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Highlights

- A novel model for shallow granular flows is proposed.
- Ideas from thin liquid film and granular flow communities are combined.
- The model is solved by means of finite area method.
- Results for various standard cases are shown for verification.

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