

# Accepted Manuscript

Adhesion of surfaces with wavy roughness and a shallow depression

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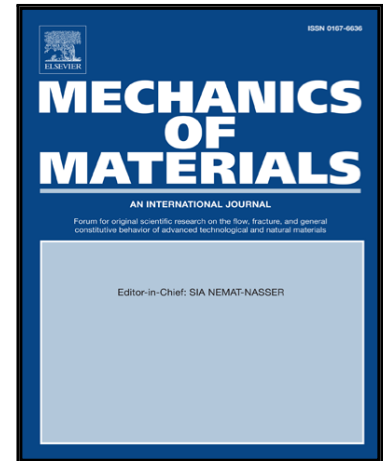
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**Highlights**

- A simple “dimple” model with roughness is studied, switch from “strong” to “weak” adhesive
- The model assumes a connected contact (crack) area,
- roughness limits the “strong adhesion” regime, but enhances the “weak adhesion” regime

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