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Shear stress triggering brittle shear fracturing of rock-like materials

Lifeng Ma, Nina Yari, Marian Wiercigroch

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Shear stress triggering brittle shear fracturing of rock-like materials- Highlights

- A new mechanism dominant in brittle shear fracturing is found which is very different from classical mechanisms.
- The angle of contact crack angle for rock-like materials is revealed.
- The theoretical predictions are validated by experimental results.

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