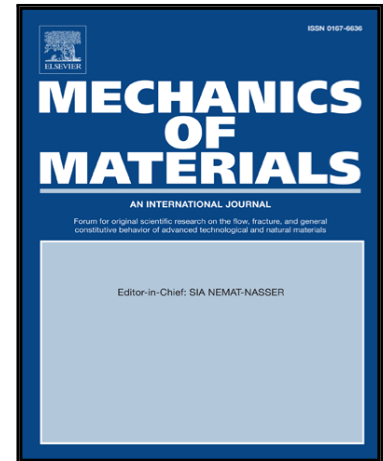


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Self-consistent Fractal Damage of Natural Geo-materials in Finite Strain

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Highlights

- Homogenisation of natural materials based on logarithmic finite strain;
- Self-similar distribution of defects and its impact on continuum damage;
- Variational formulation with geometrical and material non-linearities;
- Finite element implementation using High Performance Computing.

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