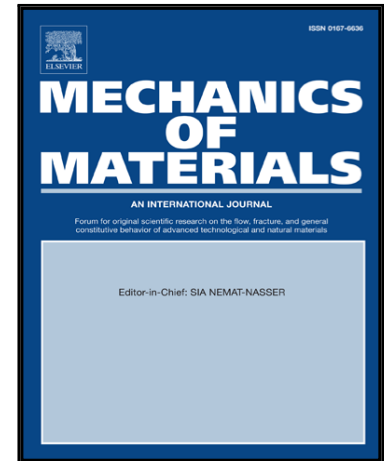


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A strain rate and temperature dependent criterion to describe the linear - non linear behaviour's transition of organic matrix composite materials in shear: Application to T700GC/M21

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Highlights

- The stress and strain transition are strain rate and temperature dependent
- The literature models not describe the evolution of the transition
- The effect of strain rate can be describe thanks to an adaptation of Gerlach model
- The effect of temperature can be describe thanks to a model inspired by Richeton work

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