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ADVANCES IN PHASE-FIELD MODELING OF FRACTURE

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Authors The phase-field modeling approach to fracture has gained tremendous attention in the past decade in both the physics and the engineering communities, thanks to its remarkable capability to handle arbitrarily complex fracture phenomena also in multi-field settings in three dimensions. This minisymposium welcomes contributions on phase-field modeling of fracture including brittle, cohesive and ductile fracture in solid and structural mechanics. Research results on basic aspects of phase-field formulations and of their numerical implementation, as well as extensions to novel and/or more complex settings and relevant applications are all welcome.