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**MUSTA-type upwind fluxes for nonlinear elasticity.** (English) Zbl 1159.74046  
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Summary: The present paper is devoted to the construction and comparative study of upwind methods as applied to the system of one-dimensional nonlinear elasticity equations with particular attention to robustness and accurate resolution of delicate features such as linearly degenerate fields.

**MSC:**

**74S10** Finite volume methods applied to problems in solid mechanics  
**74B20** Nonlinear elasticity

Cited in **22** Documents

**Keywords:**

hyperbolic systems; Riemann problem; linearly degenerate fields

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