

**Variational Multiscale Methods  
for Large Eddy Simulation of Turbulent Flows**

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S. CARSTENS, D. KUHL

**Multiscale Methods for Fracturing Solids**

S. LOEHNERT, D. S. MUELLER-HOEPPE

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A Micro-Mechanical Elasticity Approach**

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A. MENZEL

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H. STEEB

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