Einladung zum Vortrag

Explicit schemes for contact dynamics: issues and interests of Nitsche's method

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The aim of the presentation is to revisit the analysis of explicit integration of the dynamic with impact of deformable solids by existing strategies (explicit schemes for penalized contact, Moreau's NSCD schemes, Paoli-Schatzman scheme, mass redistribution method, etc.), by comparing them to a Nitsche-based approximation of the contact condition.

Comparisons will be provided in term of energy conservation, convergence and occurrence of spurious oscillations.
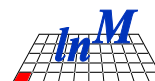
Donnerstag, 14.03.2019   **09.00 Uhr**
MW 1237   **Maschinenwesen (Boltzmannstr. 15, 85748 Garching**

Lecture series / Vortragsreihe
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