

B-spline based finite element method in one-dimensional discontinuous elastic wave propagation

Kolman, Radek; Okrouhlik, M.; **Berezovski, Arkadi**; Gabriel, Dusan; Kopačka, J.; Plešek, J. Applied mathematical modelling 2017 / p. 382-395 : ill <https://doi.org/10.1016/j.apm.2017.01.077>

Comparison of several numerical methods in one-dimensional discontinuous elastic wave propagation

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Experimental, analytical, and numerical study of transient elastic waves from a localized source in an aluminium strip

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Full field computing for elastic pulse dispersion in inhomogeneous bars

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A two-layer elastic strip under transverse impact loading : analytical solution, finite element, and finite volume simulations

Adánek, V.; **Berezovski, Arkadi**; Mračko, Michal; Kolman, Radek Mathematics and computers in simulation 2021 / p. 126-140
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