

## An explicit finite volume numerical scheme for 2D elastic wave propagation

Berezovski, Mihail; **Berezovski, Arkadi** Applied wave mathematics II : selected topics in solids, fluids, and mathematical methods and complexity 2019 / p. 257-280 [https://doi.org/10.1007/978-3-030-29951-4\\_12](https://doi.org/10.1007/978-3-030-29951-4_12) [https://www.esther.ee/record=b5303400\\*est](https://www.esther.ee/record=b5303400*est)

## Applied wave mathematics II : selected topics in solids, fluids, and mathematical methods and complexity

2019 <https://doi.org/10.1007/978-3-030-29951-4> [https://www.esther.ee/record=b5303400\\*est](https://www.esther.ee/record=b5303400*est)

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

Kolman, Radek; Okrouhlík, 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>

## Causality in strain gradient elasticity: An internal variables approach

**Berezovski, Arkadi** Mechanics research communications 2022 / art. 103997 <https://doi.org/10.1016/j.mechrescom.2022.103997> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Kolman, Radek; **Berezovski, Arkadi**; Gabriel, Dusan; Tamm, Kert 28th Nordic Seminar on Computational Mechanics, 22-23 October, Tallinn, 2015 : proceedings of the NSCM28 2015 / p. 89-92 : ill

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Berezovski, Mihail; **Berezovski, Arkadi** Journal of computational physics 2020 / art. 109542, 21 p

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## Elastic wave Talbot effect in solids with inclusions

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Van, Peter; **Berezovski, Arkadi**; Papenfuss, Christina Continuum mechanics and thermodynamics 2014 / p. 421-422

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

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