

Extreme elevations and slopes of interacting solitons in shallow water

Soomere, Tarmo; Engelbrecht, Jüri Wave motion 2005 / p. 179-192 : ill

<https://www.sciencedirect.com/science/article/abs/pii/S0165212504000812>

Interaction of bursts in exponentially graded materials characterized by parametric plots

Ravasoo, Arvi Wave motion 2014 / p. 758-767 : ill <https://doi.org/10.1016/j.wavemoti.2014.01.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mathematical model of echolocation of fish-catching bats

Stulov, Anatoli Wave motion 2013 / p. 579-585 : ill <https://doi.org/10.1016/j.wavemoti.2012.12.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Negative group velocity in solids

Tamm, Kert; Peets, Tanel; Engelbrecht, Jüri; Kartofelev, Dmitri Wave motion 2017 / p. 127-138 : ill

<https://doi.org/10.1016/j.wavemoti.2016.04.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nonlinear wave propagation and reflection - comparing the numerics with the analytics

Braunbrück, Andres; Ravasoo, Arvi Wave motion 2016 / p. 108-120 : ill <https://doi.org/10.1016/j.wavemoti.2015.08.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nonlinear waves in a layer with energy influx

Engelbrecht, Jüri; Peipman, Tõnu Wave motion 1992 / 16, p. 173-181

Numerical simulation of ultrasonic time reversal on defects in carbon fibre reinforced polymer

Lints, Martin; Salupere, Andrus; Dos Santos, Serge Wave motion 2020 / art. 102526, 10 p. : ill

<https://doi.org/10.1016/j.wavemoti.2020.102526> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On solitonic solutions for the hyperelastic rod equation

Salupere, Andrus; Rätsep, Margus Wave motion 2019 / 8 p <https://doi.org/10.1016/j.wavemoti.2019.102404> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On solutions of a Boussinesq-type equation with displacement-dependent nonlinearity: A soliton doublet to the memory of Alexander Samsonov

Peets, Tanel; Tamm, Kert; Simson, Pärtel; Engelbrecht, Jüri Wave motion 2019 / p. 10-17

<https://doi.org/10.1016/j.wavemoti.2018.11.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the influence of material properties on the wave propagation in Mindlin-type microstructured solids

Salupere, Andrus; Tamm, Kert Wave motion 2013 / p. 1127-1139 : ill <https://doi.org/10.1016/j.wavemoti.2013.05.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the KdV soliton formation and discrete spectral analysis

Salupere, Andrus; Maugin, Gerard; Engelbrecht, Jüri; Kalda, Jaan Wave motion 1996 / p. 49-66: ill

On the role of nonlinearities in the Boussinesq-type wave equations

Peets, Tanel; Tamm, Kert; Engelbrecht, Jüri Wave motion 2017 / p. 113-119 : ill <https://doi.org/10.1016/j.wavemoti.2016.04.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reconstruction of coefficients of higher order nonlinear wave equations by measuring solitary waves

Janno, Jaan; Šeletski, Anna Wave motion 2015 / p. 15-25 : ill <https://doi.org/10.1016/j.wavemoti.2014.08.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Single slit diffraction : from optics to elasticity

Berezovski, Arkadi; Engelbrecht, Jüri Wave motion 2016 / p. 35-45 : ill <https://doi.org/10.1016/j.wavemoti.2015.09.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Solitary waves for Non-Destructive Testing applications : delayed nonlinear time reversal signal processing optimization

Lints, Martin; Dos Santos, Serge; Salupere, Andrus Wave motion 2017 / p. 101-112 : ill

<https://doi.org/10.1016/j.wavemoti.2016.07.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Solitonic structures in KdV-based higher-order systems

Salupere, Andrus; Engelbrecht, Jüri; Maugin, Gerard Wave motion 2001 / p. 51-61

<https://www.sciencedirect.com/science/article/pii/S0165212501000695>

Special issue on advanced modelling of wave propagation in solids

Engelbrecht, Jüri; Givoli, Dan; Hagstrom, Thomas; Maugin, Gerard Wave Motion 2013 <https://doi.org/10.1016/j.wavemoti.2013.07.001>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Wave propagation and dispersion in microstructured wool felt

Kartofelev, Dmitri; Stulov, Anatoli Wave motion 2015 / p. 23-33 : ill <https://doi.org/10.1016/j.wavemoti.2015.03.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Waves in microstructured solids : inverse problems

Janno, Jaan; Engelbrecht, Jüri Wave motion 2005 / p. 1-11