

Applications of soliton interactions in rouge wave theory and in understanding the impact of vessel wakes

Soomere, Tarmo International Conference on Complexity of Nonlinear Waves : October 5-7, 2009 : book of abstracts 2009 / p. 34

Comment on "Solitons in the Heimburg-Jackson model of sound propagation in lipid bilayers are enabled by dispersion of a stiff membrane" by M. Drab et al.

Peets, Tanel; Tamm, Kert; Engelbrecht, Jüri The European physical journal E 2023 / art. 34 <https://doi.org/10.1140/epje/s10189-023-00299-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determining properties of nonlinear microstructured materials by means of solitary waves

Janno, Jaan; Engelbrecht, Jüri Proc. 5th International Conference on Inverse Problems in Engineering : Cambridge, 2005. Vol. II 2005 / p. J02 1-6

Discrete spectral analysis for solitary waves

Engelbrecht, Jüri; Salupere, Andrus; Kalda, J.; Maugin, Gerard Wave propagation : flow, sound, structures and their interactions 1997 / [40] p

Discrete spectral analysis for solitary waves

Engelbrecht, Jüri; Salupere, Andrus; Kalda, Jaan; Maugin, Gerard Acoustic interactions with submerged elastic structures. Part 2, Propagation, ocean acoustics and scattering 2001 / p. 1-40

Dynamics of solitons in a nonintegrable version of the modified Korteweg-de Vries equation

Kurkina, Oxana; Kurkin, Andrey; Ruvinskaja, E. A.; Pelinovsky, Efim; Soomere, Tarmo JETP letters 2012 / p. 91-95 : ill <https://link.springer.com/article/10.1134/S0021364012020051>

Emergence of soliton ensembles from KdV-like systems

Salupere, Andrus; Engelbrecht, Jüri; Ilison, Lauri; Kukk, Martti Dynamics Days Europe : book of abstracts 2002 / p. 82

Emergence of solitonic structures in hierarchical Korteweg-de Vries Systems

Salupere, Andrus; Lints, Martin; Ilison, Lauri Applied wave mathematics II : selected topics in solids, fluids, and mathematical methods and complexity 2019 / p. 89-124 https://doi.org/10.1007/978-3-030-29951-4_5 https://www.ester.ee/record=b5303400*est

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>

Hidden and driven solitons in microstructured media

Salupere, Andrus; Engelbrecht, Jüri 21st International Congress of Theoretical and Applied Mechanics : August 15-21, 2004, Warsaw, Poland : ICTAM04 : abstracts and CD-ROM proceedings 2004 / p. 278 http://fluid.ippt.gov.pl/ictam04/text/sessions/docs/SM11/11813/SM11_11813.pdf

Highlights in the research into complexity of nonlinear waves

Engelbrecht, Jüri; Berezovski, Arkadi; Soomere, Tarmo Proceedings of the Estonian Academy of Sciences 2010 / p. 61-65 <https://doi.org/10.3176/proc.2010.2.01>

Identification of properties of microstructured materials by means of Gaussian wave packets and solitary waves

Janno, Jaan; Engelbrecht, Jüri 5th International Conference on Optimal Research "Simulation and Optimization in Business and Industry" : May 17-20, 2006, Tallinn, Estonia : programme and abstracts 2006 / p. 1

Influence of nonlinearity

Berezovski, Arkadi; Ván, Peter Internal variables in thermoelasticity 2017 / p. 113-120 https://doi.org/10.1007/978-3-319-56934-5_8 [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Interaction of Kadomtsev-Petviashvili solitons with unequal amplitudes

Soomere, Tarmo Physics letters A 2004 / p. 74-81 : ill <https://www.sciencedirect.com/science/article/pii/S037596010401299X>

Korteweg-de Vries soliton detection from a harmonic input

Salupere, Andrus; Maugin, Gerard; Engelbrecht, Jüri Physics letters A 1994 / p. 5-8 <https://www.sciencedirect.com/science/article/abs/pii/0375960194910065>

Korteweg-de Vries soliton formation from a harmonic input and discrete spectral analysis

Salupere, Andrus; Maugin, Gerard; Engelbrecht, Jüri Finno-Ugric Days of Mechanics, June 18.-24., 1995, Rackeve : abstracts 1995 <https://www.sciencedirect.com/science/article/abs/pii/0375960194910065>

Lained vaatavad materjali sisse. Otsene ülesanne ja pöördülesanne. Solitonid luurajateks. Ultraheli. Kohtuvad lained

Engelbrecht, Jüri; Janno, Jaan Keeruka maailma võlu 2015 / lk. 45-46 https://www.ester.ee/record=b4488344*est

Long-time behaviour of soliton ensembles. Part I - Emergence of ensembles

Salupere, Andrus; Peterson, Pearu; Engelbrecht, Jüri Chaos, solitons and fractals 2002 / p. 1413-1424 : ill
<https://www.sciencedirect.com/science/article/pii/S0960077902000693>

Long-time behaviour of soliton ensembles. Part II - Periodical patterns of trajectories

Salupere, Andrus; Peterson, Pearu; Engelbrecht, Jüri Chaos, solitons and fractals 2003 / p. 29-40
<https://www.sciencedirect.com/science/article/pii/S096007790200070X>

Multi-soliton interactions and the inverse problem of wave crests

Peterson, Pearu 2001 https://www.ester.ee/record=b1556262*est

Nonlinear wave motion : complexity and simplicity revisited

Engelbrecht, Jüri; Salupere, Andrus; Peterson, Pearu Abstracts of IUTAM/IFToMM Symposium on Synthesis of Nonlinear Dynamical Systems, Riga, Latvia, 24-28 Aug. 1998 1998 / p. 3-4 https://link.springer.com/chapter/10.1007/978-94-011-4229-8_3

Nonlinear wave motion and complexity

Engelbrecht, Jüri Proceedings of the Estonian Academy of Sciences 2010 / p. 66-71 <https://doi.org/10.3176/proc.2010.2.02>

Nonlinear waves in continuous media

Engelbrecht, Jüri Encyclopedia of Continuum Mechanics 2020 https://doi.org/10.1007/978-3-662-55771-6_235

Numerical analysis of solitonic structures in systems with higher-order dispersion and nonlinearity

Salupere, Andrus; Engelbrecht, Jüri; Ilson, Olari; Maugin, Gerard Abstracts of the European Conference on Computational Mechanics - ECCM '99 : August 31-September 3, 1999, Munich, Germany 1999 / p. 274-275

Numerical analysis of solitonic structures in systems with higher-order dispersion and nonlinearity [Electronic resource]

Salupere, Andrus; Engelbrecht, Jüri; Ilson, Olari; Maugin, Gerard Proceedings of the European Conference on Computational Mechanics - ECCM '99 : August 31-September 3, 1999, Munich, Germany 1999 / [17] p. [CD-ROM]

Numerical simulation of interaction of solitary deformation waves in microstructured solids

Salupere, Andrus; Tamm, Kert; Engelbrecht, Jüri International journal of non-linear mechanics 2008 / 3, p. 201-208 : ill
<https://www.sciencedirect.com/science/article/pii/S0020746207002338>

Numerical simulation of propagation of solitary deformation waves in a compressible hyperelastic rod

Vallikivi, Margit; Salupere, Andrus; Dai, Hui-Hui Mathematics and computers in simulation 2012 / p. 1348-1362 : ill
<https://www.sciencedirect.com/science/article/pii/S0378475411001790>

Numerical simulation of waves and fronts in structured materials : a thermodynamic approach

Berezovski, Arkadi; Engelbrecht, Jüri; Maugin, Gerard Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2003 / 1, p. 30-42 : ill https://artiklid.elnet.ee/record=b1011964*est

On hidden solitons in KdV related systems

Salupere, Andrus Mathematics and computers in simulation 2016 / p. 252-262 : ill <https://doi.org/10.1016/j.matcom.2014.04.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On mechanical aspects of nerve pulse propagation and the Boussinesq paradigm

Peets, Tanel; Tamm, Kert Proceedings of the Estonian Academy of Sciences 2015 / p. 331-337 : ill
https://artiklid.elnet.ee/record=b2740556*est <https://doi.org/10.3176/proc.2015.3S.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On numerical simulation of propagation of solitons in microstructured media

Salupere, Andrus; Ilson, Lauri; Tamm, Kert Applications of Mathematics in Engineering and Economics '34 : proceedings 2008 / p. 155-165
https://www.researchgate.net/publication/258296769_On_Numerical_Simulation_of_Propagation_of_Solitons_in_Microstructured_Media

On propagation of 1D solitary waves in Mindlin-type microstructured solids

Tamm, Kert; Salupere, Andrus Book of abstracts : The Sixth IMACS International Conference on Nonlinear Evolution Equations and Wave Phenomena : Computation and Theory : Athens, Georgia, March 23-26, 2009 2009 / p. 86
<https://www.sciencedirect.com/science/article/pii/S0378475410002260>

On propagation of solitary deformation waves in a compressible hyperelastic rod

Salupere, Andrus; Vallikivi, Margit; Dai, Hui-Hui Book of abstracts : The Sixth IMACS International Conference on Nonlinear Evolution Equations and Wave Phenomena : Computation and Theory : Athens, Georgia, March 23-26, 2009 2009 / p. 84

On propagation of solitons in media with higher order dispersion

Ilson, Olari; Salupere, Andrus Proceedings of the 15th Nordic Seminar on Computational Mechanics 2002 / p. 177-180

On pseudospectral method, discrete spectral analysis and solitons

Salupere, Andrus OAS 2011 : International Conference on Optimization and Analysis of Structures, August 25-27, 2011, Tartu, Estonia : abstracts 2011 / p. 40 https://link.springer.com/chapter/10.1007/978-3-642-00585-5_16

On solitary waves and solitons in hierarchical systems

Salupere, Andrus; Engelbrecht, Jüri; Ilison, Lauri; Tamm, K. The Forth International Conference on Nonlinear Evolution Equations and Wave Phenomena : Computation and Theory : Athens, Georgia, April 10-14, 2005 : book of abstracts 2005 / p. 158

On solitary waves and solitons in microstructured media

Salupere, Andrus; Engelbrecht, Jüri; Ilison, Olari; Ilison, Lauri IMA International Conference, Recent Advances in Nonlinear Mechanics : 30 Aug. - 1 Sept. 2005, Aberdeen, Scotland, University of Aberdeen : book of abstracts 2005 / p. 144

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 solitonic structures in microstructured materials

Salupere, Andrus; Ilison, Olari Proceedings of 13th Nordic Seminar on Computational Mechanics : NSCM-13 2000 / p. 70-73

On solitonic structures in nonconservative dispersive media

Salupere, Andrus; Kukk, Martti Abstract book : Finno-Ugric International Conference on Mechanics : FUDOM 2001, May 27-June 2, Ráckeve/Budapest, Hungary 2001 / ? p

On solitons in dilatant granular materials

Ilison, Lauri; Salupere, Andrus Proceedings of the 15th Nordic Seminar on Computational Mechanics 2002 / p. 181-184

On solitons in media modelled by the hierarchical KdV equation

Salupere, Andrus; Lints, Martin; Engelbrecht, Jüri Archive of applied mechanics 2014 / p. 1583-1593 : ill <https://doi.org/10.1007/s00419-014-0861-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On solitons in microstructured solids and granular materials

Salupere, Andrus; Engelbrecht, Jüri; Ilison, Olari; Ilison, Lauri Mathematics and computers in simulation 2005 / p. 502-513 : ill

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, Päivo; 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 application of 2D discrete spectral analysis in case of the KP equation

Salupere, Andrus; Ratas, Mart Mechanics research communications 2018 / p. 141-147 : ill <https://doi.org/10.1016/j.mechrescom.2017.08.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the formation of solitons in media with higher-order dispersive effects

Ilison, Olari; Salupere, Andrus Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2003 / 1, p. 135-144 : ill https://artiklid.elnet.ee/record=b1011948*est

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 Kudryashov–Sinelshchikov equation for waves in bubbly liquids

Randrüüt, Merle Physics letters A 2011 / p. 3687-3692 : ill

On the long-time behavior of soliton ensembles

Salupere, Andrus; Engelbrecht, Jüri; Peterson, Pearu Abstract book : Second IMACS Conference on Nonlinear Evolution Equations and Wave Phenomena : Computation and Theory : April 9-12, 2001, Athens, USA 2001 / ? p <https://www.sciencedirect.com/science/article/abs/pii/S0378475402001787>

On the long-time behaviour of soliton ensembles

Salupere, Andrus; Engelbrecht, Jüri; Peterson, Pearu Mathematics and computers in simulation 2003 / p. 137-147 : ill <https://www.sciencedirect.com/science/article/pii/S0378475402001787>

On the numerical determination of solitary waves for systems with quartic potential and higher order dispersion

Salupere, Andrus; Ilison, Olari Proceedings of the NSCM-11 : Nordic Seminar on Computational Mechanics, October 16-17, Royal Institute of Technology, Department of Structural Engineering 1998 / p. 106-109

On the problem of periodicity and hidden solitons for the KdV model

Engelbrecht, Jüri; Salupere, Andrus Chaos 2005 / [6] p. : ill

On the propagation of 1D solitary waves in Mindlin-type microstructured solids

Tamm, Kert; Salupere, Andrus Mathematics and computers in simulation 2012 / p. 1308-1320 : ill

<https://www.sciencedirect.com/science/article/pii/S0378475410002260>

On the propagation of solitary pulses in microstructured materials

Ilison, Olari; Salupere, Andrus Chaos, solitons & fractals 2006 / 1, p. 202-214 : ill

<https://ui.adsabs.harvard.edu/abs/2006CSF....29..202I/abstract>

On the propagation of solitary waves in microstructured solids

Ilison, Olari; Salupere, Andrus 21st International Congress of Theoretical and Applied Mechanics : August 15-21, 2004, Warsaw, Poland : ICTAM04 : abstracts and CD-ROM proceedings 2004 / p. 275

On the propagation of solitary waves in Mindlin-type microstructured solids

Tamm, Kert; Salupere, Andrus Proceedings of the Estonian Academy of Sciences 2010 / 2, p. 118-125 : ill

Peadmurdvate merelainete lahendamise. Läänemeri. Soome laht. Merelainete muster ajas. Inimese ja laine liit

Soomere, Tarmo Keeruka maailma võlu 2015 / lk. 51-58 : ill., kaart https://www.ester.ee/record=b4488344*est

Periodically forced solitonic structures in dispersive media

Salupere, Andrus; Kuk, Martti Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2003 / 1, p. 145-156 : ill

https://artiklid.elnet.ee/record=b1011991*est

Propagation of sech2-type solitary waves in hierarchical KdV-type systems

Ilison, Lauri; Salupere, Andrus Mathematics and computers in simulation 2009 / 11, p. 3314-3327 : ill

<https://www.sciencedirect.com/science/article/pii/S0378475409001293>

Propagation of sech2-type solitary waves in higher-order KdV-type systems

Ilison, Olari; Salupere, Andrus Chaos, solitons & fractals 2005 / p. 453-465 : ill

Propagation of solitary waves in microstructured media

Salupere, Andrus; Engelbrecht, Jüri; Ilison, Olari; Ilison, Lauri Finno-Ugric International Conference of Mechanics : 29 May - 4 June, 2005, Rackeve, Hungary 2005 / ? p

Rogue waves - towards a unifying concept? : discussions and debates

Ruban, Victor; Kodama, Yuji; Ruderman, Michael; Soomere, Tarmo The European physical journal. Special topics 2010 / p. 5-15

https://www.ester.ee/record=b2624547*est

Rogue waves in shallow water

Soomere, Tarmo The European physical journal. Special topics 2010 / p. 81-96 : ill https://www.ester.ee/record=b2624547*est

Runup of nonlinear asymmetric waves on a plane beach

Didenkulova, Irina; Pelinovsky, Efim; Soomere, Tarmo; Zahibo, Narcisse Tsunami and nonlinear waves 2007 / p. 175-190 : ill

https://link.springer.com/chapter/10.1007/978-3-540-71256-5_8

Simulation of solitary wave propagation in carbon fibre reinforced polymer

Lints, Martin; Salupere, Andrus; Dos Santos, Serge Proceedings of the Estonian Academy of Sciences 2015 / p. 297-303 : ill

<https://doi.org/10.3176/proc.2015.3.14> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Solitary waves governed by complicated nonlinearity and dispersion

Salupere, Andrus; Engelbrecht, Jüri; Ilison, Olari; Ilison, Lauri List of abstracts FPU+50 : Nonlinear Waves 50 Years After Fermi-Pasta-Ulam : Rouen, France, June 21-25, 2005 2005 / p. 16-17

Solitary waves in dispersive solids

Engelbrecht, Jüri; Salupere, Andrus; Peterson, Pearu; Maugin, Gerard 3rd EUROMECH Solid Mechanics Conference : book of abstracts 1997 / p. 336

Solitary waves in nonlinear microstructured materials

Janno, Jaan; Engelbrecht, Jüri Journal of physics A : mathematical and general 2005 / p. 5159-5172 : ill

Soliton ensembles and solitonic structures

Engelbrecht, Jüri; Salupere, Andrus Applicable analysis 2012 / p. 237-250 : ill

<https://www.tandfonline.com/doi/full/10.1080/00036811.2011.608253>

Soliton formation from the spectral viewpoint

Salupere, Andrus; Maugin, Gerard; **Engelbrecht, Jüri** International Symposium "KdV'95" to commemorate the centennial of the publication of the equation by and named after Korteweg and de Vries, April 23.-26., 1995, Amsterdam : poster presentations 1995

Soliton interaction as a possible model for extreme waves in shallow water

Peterson, Pearu; **Soomere, Tarmo**; **Engelbrecht, Jüri**; van Groesen, E. Nonlinear processes in geophysics 2003 / p. 503-510 : ill

Soliton trains in dispersive media

Engelbrecht, Jüri; **Peets, Tanel**; **Tamm, Kert** Low temperature physics Fizika nizkikh temperatur 2018 / p. 887-892

<https://doi.org/10.1063/1.5041436> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Solitoni mitu nägu : ettekanne konverentsil "50 aastat Küberneetika Instituudi loomisest" 3. septembril 2010

Küberneetika maja saalis kell 15.00-17.00

Engelbrecht, Jüri Tallinna Tehnikaülikooli aastaraamat 2010 2011 / lk. 125-129

Solitoni mitu nägu. Kanalilaine. Solitoni avastamine. Mitmekesine maailm

Engelbrecht, Jüri Keeruka maailma võlu 2015 / lk. 23-29 : ill https://www.ester.ee/record=b4488344*est

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>

Solitonide formeerumine ja interakteerumine

Salupere, Andrus; **Engelbrecht, Jüri**; Peterson, Pearu Biotoopia : Bioloogia. Tehnoloogia. Utopia. : Sorose Kaasaegse Kunsti

Eesti Keskuse 3. aastanäitus, 22. november - 17. detsember 1995 1996 / 2 lk.: ill

Solitonide kohtumine - õrn embus või vihane võitlus?

Soomere, Tarmo Akadeemia 2008 / lk. 2287-2315, 2333-2334 : ill https://www.ester.ee/record=b1071914*est

https://artiklid.elnet.ee/record=b1998920*est

Solitoniuurijad Tallinnas

Engelbrecht, Jüri Eesti Päevaleht 1996 / 29. mai, lk. 7: ill

Solitons and solitary waves in hierarchical Korteweg-de Vries type systems = Solitonid ja üksiklained hierarhilistes

Kortewegi-de Vriesi tüüpi süsteemides

Ilison, Lauri 2009 https://www.ester.ee/record=b2499322*est

Solitons and solitary waves in media with higher order dispersive and nonlinear effects

Ilison, Olari 2005 https://www.ester.ee/record=b2073549*est

Solitons and solitonic structures - what is visible and what is hidden

Salupere, Andrus Contributions to the Foundations of Multidisciplinary Research in Mechanics : papers presented during the 24th International Congress of Theoretical and Applied Mechanics ICTAM 2016, Montreal, August 22-26, 2016. Vol. 3 2017 / p. 2216-

2217 : ill http://iutam.org/wp-content/uploads/2017/02/ICTAM_Proceedings_Vol_3.pdf

Solitons in a perturbed Korteweg-de Vries system

Peterson, Pearu; **Salupere, Andrus** Euromech 348 : Nonlinear Dynamics of Heterogeneous and Microstructured Solids, May 22-26, 1996, Tallinn, Estonia : book of abstracts 1996 / p. 38

Solitons in a perturbed Korteweg-de Vries system

Peterson, Pearu; **Salupere, Andrus** Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 1997 / 1/2, p. 102-110

Solitons in hierarchical Korteweg-de Vries type systems

Ilison, Lauri; **Salupere, Andrus** Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2003 / 1, p. 125-134 : ill

https://artiklid.elnet.ee/record=b1011947*est

Solitons in systems with a quartic potential and higher-order dispersion

Salupere, Andrus; Maugin, Gerard; **Engelbrecht, Jüri** Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 1997 / 1/2, p. 118-127

Solitons in systems with a quartic potential and higher-order dispersion

Salupere, Andrus; Maugin, Gerard; **Engelbrecht, Jüri** Euromech 348 : Nonlinear Dynamics of Heterogeneous and Microstructured Solids, May 22-26, 1996, Tallinn, Estonia : book of abstracts 1996 / p. 42

Solitons interactions

Soomere, Tarmo Encyclopedia of complexity and systems science. Volume 9. S 2009 / p. 8479-8504 : ill

Solitons modelled by Boussinesq-type equations

Engelbrecht, Jüri; Peets, Tanel; Tamm, Kert Mechanics research communications 2018 / p. 62-65

<https://doi.org/10.1016/j.mechrescom.2017.05.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spectral analysis of soliton formation

Engelbrecht, Jüri; Salupere, Andrus; Peipman, Tõnu; Maugin, Gerard Proceedings of the IUTAM/ISIMM Symposium on Structure and Dynamics of Nonlinear Waves in Fluids 1995

Stress and solitary waves in solids

Engelbrecht, Jüri; Ravasoo, Arvi; **Salupere, Andrus** Proceedings of the Fourth Conference of the European Association for Structural Dynamics - EURO DYN '99 : Prague, Czech Republic, 7-10 June 1999 1999 / p. 23-30

Technique for detection of solitons in numerical experiments and virtual soliton

Salupere, Andrus Proceedings of the European Congress on Computational Methods in Applied Sciences and Engineering : ECCOMAS 2000 : 11-14 Sept. 2000, Barcelona, Spain 2000 / [17] p. [CD-ROM]

Technique for detection of solitons in numerical experiments and virtual soliton

Salupere, Andrus Book of abstracts of the European Congress on Computational Methods in Applied Sciences and Engineering : ECCOMAS 2000 : 11-14 Sept. 2000, Barcelona, Spain 2000 / p. 774

https://www.researchgate.net/publication/287702254_Technique_for_detection_of_solitons_in_numerical_experiments_and_virtual_soliton_concept

The generation and dissipation of a solitonic wave that travels in the reverse direction to the flow in the Saint John River Estuary, New Brunswick, Canada

Delpeche, Nicole; Clarke, J. Hughes; Haigh, S International Conference on Complexity of Nonlinear Waves : October 5-7, 2009 : book of abstracts 2009 / p. 12

The structure of algebraic solitons and compactons in the generalized Korteweg–de Vries equation

Pelinovsky, Efim; Talipova, Tatyana; **Soomere, Tarmo** Physica D : Nonlinear Phenomena 2021 / art. 132785, 7 p. : ill

<https://doi.org/10.1016/j.physd.2020.132785> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Travelling waves in forced Korteweg-de Vries systems

Peterson, Pearu Tenth Nordic Seminar on Computational Mechanics, Tallinn Technical University, October 24-25, 1997 1997 / p. 315-317

Weakly two-dimensional interaction of solitons in shallow water

Soomere, Tarmo; Engelbrecht, Jüri European journal of mechanics B. Fluids 2006 / p. 636-648 : ill

Üksiklainete formeerumisest

Engelbrecht, Jüri; Peipman, Tõnu Tehnikauuringute areng Eesti NSV-s : vabariikliku konverentsi ettekannete teesid Tallinn, 15.-16. oktoober 1986 1986 / lk. 174-176 https://www.ester.ee/record=b1258828*est

К вопросу формирования солитонов

Peipman, Tõnu; Engelbrecht, Jüri Eesti NSV Teaduste Akadeemia toimetised. Füüsika. Matemaatika = Известия Академии наук Эстонской ССР. Физика. Математика = Proceedings of Academy of Sciences of the Estonian SSR. Physics. Mathematics 1985 / lk. 37-42 : joon., tab <https://www.etera.ee/zoom/13383/view?page=1&p=separate&tool=info> https://www.ester.ee/record=b1264310*est