

Acousto-mechanical instrumentation of multiscale hysteretic memristive properties of the skin with nonlinear time reversal imaging

Dos Santos, Serge; Lints, Martin; Masood, Ali; Salupere, Andrus 2017 Cosmetic Measurements and Testing (COSMETIC 2017), Cergy-Pontoise, France, 6 - 7 June 2017 / p. 16-19 : ill <http://dx.doi.org/10.1109/COMET.2017.8521466>

Andrus Salupere : uuendused on teretunud, kui neil on positiivne mõju ja nendest ei tehta kultust

Salupere, Andrus Inseneeria 2015 / lk. 29-31 : portr https://artiklid.elnet.ee/record=b2723087*est

Application of higher order Haar wavelet method for solving nonlinear evolution equations

Ratas, Mart; Salupere, Andrus Mathematical modelling and analysis 2020 / p. 271-288 <https://doi.org/10.3846/mma.2020.11112>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Deformation waves in microstructured solids and dimensionless parameters

Engelbrecht, Jüri; Peets, Tanel; Tamm, Kert; Salupere, Andrus Proceedings of the Estonian Academy of Sciences 2013 / p. 109-115 : ill https://artiklid.elnet.ee/record=b2624195*est

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

Dispersive waves in microstructured solids

Berezovski, Arkadi; Engelbrecht, Jüri; Salupere, Andrus; Tamm, Kert; Peets, Tanel; Berezovski, Mihhail International journal of solids and structures 2013 / p. 1981-1990 : ill

Emergence of solitary deformation waves in Mindlin-type microstructured solids

Tamm, Kert; Salupere, Andrus International Conference on Complexity of Nonlinear Waves : October 5-7, 2009 : book of abstracts 2009 / p. 33

Emergence of soliton ensembles from KdV-like systems

Salupere, Andrus; Engelbrecht, Jüri; Ilson, 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; Illison, 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

Focusing aspects of delayed time reversal based nonlinear elastic wave spectroscopy methods

Lints, Martin; Dos Santos, Serge; Salupere, Andrus 2016 IEEE International Ultrasonics Symposium, IUS : [September 18-21, Tours, France] 2016 / [4] p. : ill <https://doi.org/10.1109/ULTSYM.2016.7728831>

Foreword

Salupere, Andrus; Maugin, Gerard A. Proceedings of the Estonian Academy of Sciences 2015 / p. 201-202 ; Vol. 64, 3S, p. 323-324

Fully synchronized acoustomechanical testing of skin : biomechanical measurements of nonclassical nonlinear parameters

Lints, Martin; Dos Santos, Serge; Kozena, Colette; Kus, Vaclav; Salupere, Andrus 24th International Congress on Sound and Vibration 2017 (ICSV 24) : London, United Kingdom, 23-27 July 2017. Vol. 3 2017 / p. 1970-1977 : ill
https://www.iiav.org/archives_icsv_last/2017_icsv24/content/papers/papers/full_paper_867_20170403135841549.pdf

Head lõpetajad! = Dear graduates!

Land, Tiit; Sergejev, Fjodor; Jervan, Gert; Salupere, Andrus; Listra, Enn; Leiger, Roomet Mente et Manu 2021 / lk. 30-50 : fot
https://www.ester.ee/record=b1242496*est

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

Interaction of solitary deformation waves in microstructured solids

Salupere, Andrus; Tamm, Kert; Engelbrecht, Jüri Book of abstracts the Fifth IMACS International Conference on Nonlinear Evolution Equations and Wave Phenomena : Computation and Theory : Athens, USA, April 16-19, 2007 2007 / p. 114

12 uut positsiooni

Salupere, Andrus; Sergejev, Fjodor; Kallaste, Kadri; Pihel, Hele-Riin; Tärnov, Külle; Anton, Maia-Liisa; Annus, Ivar; Kanger, Tõnis; Kerikmäe, Tanel; Illing, Sven; Uutar, Aivar Mente et Manu 2020 / lk. 54-59 : portr https://www.ester.ee/record=b1242496*est
<https://dea.digar.ee/article/AKmentetmanu/2020/09/0/21.1>

Kellest saab TTÜ uus rektor? : Mente et Manu küsib

Aaviksoo, Jaak; **Kübarsepp, Jakob; Salupere, Andrus**; Ustav, Mart Mente et Manu 2015 / lk. 4-8 : fot
https://artiklid.elnet.ee/record=b2718124*est

Korteweg-de Vries soliton detection from a harmonic input

Salupere, Andrus; Maugin, Gerard; **Engelbrecht, Jüri** Physics letters A 1994 / p. 5-8

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

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

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

[Lõpetajad = Graduates]

Land, Tiit; Sergejev, Fjodor; Jervan, Gert; Salupere, Andrus; Listra, Enn; Leiger, Roomet Mente et Manu 2022 / lk. 24-43 : fot
https://www.ester.ee/record=b1242496*est

[Lõpetajad = Graduates]

Land, Tiit; Sergejev, Fjodor; Jervan, Gert; Salupere, Andrus; Avarmaa, Mari; Leiger, Roomet Mente et Manu 2023 / lk. 30-49 : fot
https://www.ester.ee/record=b1242496*est

Mehaanika kui insenerikoolituse alustala : avalik loeng 20. märtsil 2002 TTÜs

Salupere, Andrus Tallinna Tehnikaülikooli aastaraamat 2002 2003 / lk. 222-226

Mikrostruktuursed materjalid ja deformatsioonilained

Engelbrecht, Jüri; Salupere, Andrus; Berezovski, Arkadi Teadusmõtte Eestis. 4, Tehnikateadused. 2 2007 / lk. 9-15 : ill

Mittelineaarsus on alati põnevam : [Jüri Engelbrechtist]

Salupere, Andrus Linnaleht 2010 / lk. 9 : fot

Multiscale memristive properties of skin induced by memory effects of cyclic stress-relaxation loadings : data fusion from ground truth nonlinear acousto-mechanical testing

Dos Santos, Serge; Masood, Ali; **Lints, Martin; Salupere, Andrus**; Kozena, Colette; Kus, Vaclav ICSV 2018: 25th International Congress on Sound and Vibration (ICSV25), Hiroshima, Japan, 8-12 July, 2018 : proceedings. Vol. 1 2018 / p. 1965-1972 : ill

<http://toc.proceedings.com/40638webtoc.pdf>

https://www.researchgate.net/publication/326668548_MULTISCALE_MEMRISTIVE_PROPERTIES_OF_SKIN_INDUCED_BY_MEMORY_EFFECTS_OF_CYCLIC_STRESS-RELAXATION_LOADINGS_DATA_FUSION_FROM_GROUND_TRUTH_NONLINEAR_ACOUSTO-MECHANICAL_TESTING

Nelja mehe kõnelused : [vestlusringis TTÜ Küberneetika Instituudi 50. sünnipäeval direktorid Hillar Aben, Jaan Penjam, Ülo Jaaksoo, Andrus Salupere]

Aben, Hillar; Penjam, Jaan; Jaaksoo, Ülo; Salupere, Andrus; **Veskimäe, Rein** Horisont 2010 / 5, lk. 14-21 : fot
https://artiklid.elnet.ee/record=b2155686*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

Nonlinear waves in microstructured materials

Engelbrecht, Jüri; Salupere, Andrus; Sillat, Tarvo International Workshop on Nonlinear Waves in Solids : June 8-11, 2000, City University of Hong Kong 2000 / p. 6

Nonlinear waves in solids

Engelbrecht, Jüri; Berezovski, Arkadi; Salupere, Andrus Proceedings of International Symposium on Mechanical Waves in Solids : Zehejiang University, Hangzhou, China, May 15-18, 2006 2006 / p. 16-17

Nonlinear waves in solids and inverse problems

Engelbrecht, Jüri; Ravasoo, Arvi; Salupere, Andrus Abstract Book, IUTAM Symposium on Computational Mechanics of Solid

Materials at Large Strains : August 20-24, 2001, Stuttgart, Germany 2001 / p. ?

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

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 propagation of solitary deformation waves in microstructured solids

Salupere, Andrus; Engelbrecht, Jüri; Tamm, Kert USNCCM IX : Ninth US National Congress on Computational Mechanics : San Francisco, CA, July 22-26, 2007 [book of abstracts] 2007 / [8] p

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 hidden solitons in KdV related systems

Salupere, Andrus Mathematics and computers in simulation 2016 / p. 252-262 : ill <http://dx.doi.org/10.1016/j.matcom.2014.04.012>

On modelling wave motion in microstructured solids

Randrüüt, Merle; Salupere, Andrus; Engelbrecht, Jüri Proceedings of the Estonian Academy of Sciences 2009 / 4, p. 241-246 : ill

On nonlinear waves in media with complex properties

Engelbrecht, Jüri; Salupere, Andrus; Berezovski, Arkadi; Peets, Tanel; Tamm, Kert Generalized models and non-classical approaches in complex materials ; 1 2018 / p. 275-286 https://doi.org/10.1007/978-3-319-72440-9_13 [Journal metrics at Scopus](#) [Article at Scopus](#)

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

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

On solitary waves and solitons in hierarchical systems

Salupere, Andrus; Engelbrecht, Jüri; Ilson, 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; Ilson, Olari; Ilson, 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, Rackeve/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

On solitons in microstructured solids and granular materials

Salupere, Andrus; Ilison, Olari; Ilison, Lauri; Engelbrecht, Jüri The Third International Conference on Nonlinear Evolution Equations and Wave Phenomena : Computation and Theory, April 7-10, 2003, Athens, USA, The University of Georgia : book of abstracts / p. 171

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 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 application of pseudospectral methods for solving nonlinear evolution equations, and discrete spectral analysis

Salupere, Andrus Tenth Nordic Seminar on Computational Mechanics, Tallinn Technical University, October 24-25, 1997 1997 / p. 76-83: ill

On the application of the discrete spectral analysis of solution types of nonlinear evolution equations

Salupere, Andrus Abstracts of Finno-Ugric Days of Mechanics with Heller Symposium, Rackeve/Budapest, Hungary, 1998 1998 / p. 2

On the application of the pseudospectral method for solving the Korteweg-de Vries equation

Salupere, Andrus Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 1995 / 1, p. 73-87: ill

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

Salupere, Andrus; Tamm, Kert Wave motion 2013 / p. 1127-1139 : ill

On the interaction of deformation waves in microstructured solids

Salupere, Andrus; Tamm, Kert; Engelbrecht, Jüri; Peterson, Pearu Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2007 / 2, p. 93-99 : ill

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 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

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 optimal design of rigid-plastic annular plates with piecewise constant thickness

Salupere, Andrus Proceedings of the 4th Finnish Mechanics Days, June 5-6, 1991, Lappeenranta, Finland 1991 / p. 303-310

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 localized perturbations in media with microstructure

Ilison, Lauri; Salupere, Andrus; Peterson, Pearu Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2007 / 2, p. 84-92 : ill

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 pulses in microstructured media

Ilison, Olari; Salupere, Andrus 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. 150

<https://www.sciencedirect.com/science/article/abs/pii/S0960077905006491>

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

Optimal design of dynamically loaded rigid-plastic stepped circular plates

Salupere, Andrus Tartu Ülikooli Toimetised 1992 / lk. 20-34: ill

Optimal design of rigid-plastic annular plates with piecewise constant thickness

Salupere, Andrus Structural optimization 1992 / 4, p. 186-192

Periodically forced solitonic structures in dispersive media

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

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

Professor Andrus Salupere : valimisplatvorm

Salupere, Andrus Mente et Manu 2015 / lk. 8-11 : portr https://artiklid.elnet.ee/record=b2721094*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 pulses in microstructured solids [Electronic resource]

Salupere, Andrus; Tamm, Kert; Engelbrecht, Jüri 6th European Solid Mechanics Conference ESMC2006 : 28 August - 1 September 2006, Budapest, Hungary : proceedings 2006 / [2] p. [CD-ROM]

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

Saateks

Salupere, Andrus Teadusmõtte Kübermeetika Instituudis 2010 / lk. 6-7

Scaling and hierarchies of wave motion in solids

Engelbrecht, Jüri; Salupere, Andrus ZAMM : Journal of Applied Mathematics and Mechanics / Zeitschrift für Angewandte Mathematik und Mechanik 2014 / p. 775-783

Simulation of detecting contact nonlinearity in carbon fibre polymer using ultrasonic nonlinear delayed time reversal
Lints, Martin; Salupere, Andrus; Dos Santos, Serge ACTA acustica united with acustica 2017 / p. 978-986 : ill
<https://doi.org/10.3813/AAA.919127>

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

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>

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 dispersive solids
Engelbrecht, Jüri; Salupere, Andrus; Peterson, Pearu; Maugin, Gerard A. 3rd EUROMECH Solid Mechanics Conference, Stockholm, Sweden, August 18-22, 1997 : book of abstracts 1997 / IV : W6 ; p. 336

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

Solitonic structures in KdV-based higher-order systems
Salupere, Andrus; Engelbrecht, Jüri; Maugin, Gerard Wave motion 2001 / p. 51-61

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

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

Solving nonlinear boundary value problems using the higher order Haar wavelet Method
Ratas, Mart; Majak, Jüri; Salupere, Andrus Mathematics 2021 / art. 2809 <https://doi.org/10.3390/math9212809> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Solving nonlinear PDEs using the higher order Haar wavelet method on nonuniform and adaptive grids

Ratas, Mart; Salupere, Andrus; Majak, Jüri Mathematical modelling and analysis 2021 / p. 147–169

<https://doi.org/10.3846/mma.2021.12920> [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

Standards for acousto-mechanical evaluation of multiscale hysteretic properties of complex material with nonlinear time reversal imaging

Dos Santos, Serge; **Lints, Martin;** Arruga, Denis; **Masood, Ali; Salupere, Andrus** Application of Contemporary Non-Destructive Testing in Engineering : conference proceedings 2017 / p. 49-57 : ill <https://www.ndt.net/search/docs.php3?showForm=off&id=22548>
<http://lab.fs.uni-lj.si/latem/ndt/userfiles/file/Conference%20proceedings,%20ICNDT%202017.pdf>

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

Teaduselt ühiskonnale : mis on küberneetika : vastab professor Andrus Salupere

Salupere, Andrus KesKus 2013 / lk. 44 : fot

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 pseudospectral method and discrete spectral analysis

Salupere, Andrus Applied wave mathematics : selected topics in solids, fluids, and mathematical methods 2009 / p. 301-333 : ill

Несущая способность жестко-пластических ступенчатых пластинок

Salupere, Andrus Динамика и оптимизация конструкции = Konstruktsioonide dünaamika ja optimeerimine 1987 / с. 70-85 : илл

https://www.ester.ee/record=b1289025*est <https://dspace.ut.ee/handle/10062/33597>

Оптимальное проектирование жестко-пластических ступенчатых круглых и кольцевых пластинок : автореферат ... кандидата физико-математических наук (01.02.04)

Salupere, Andrus 1991 http://www.ester.ee/record=b1234733*est

Оптимальное проектирование жесткопластических ступенчатых круглых и кольцевых пластинок : дисс. на соиск. учен. степ. канд. физико-матем. наук : 01.02.04 - механика деформируемого твердого тела

Salupere, Andrus 1991 http://www.ester.ee/record=b2488536*est