

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 <https://doi.org/10.3176/proc.2013.2.04> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)

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 <https://doi.org/10.1016/j.ijsolstr.2013.02.018> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)

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; Ilison, Lauri; Kuk, 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.iaav.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

Institute of Cybernetics at TUT : activity report 2000-2003

2004 https://www.ester.ee/record=b1928118*est

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/AKmenteetmanu/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
<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>

„Kuidas nad on teinud ära riigieksami?“ Aukliku taseme tagamaad

Raudla, Heiki Õpetajate Leht 2025 / lk. 10-11 „Kuidas nad on teinud ära riigieksami?“ Aukliku taseme tagamaad

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>

[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

[Lõpetajad = Graduates]

Land, Tiit; Sergejev, Fjodor; Jervan, Gert; Salupere, Andrus; Avarmaa, Mari; Leiger, Roomet Mente et Manu 2024 / lk. 28-46 : 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 Teadusmõte Eestis. 4, Tehnikateadused. 2 2007 / lk. 9-15 : ill
https://www.ester.ee/record=b2206974*est

Millise matemaatika taustaga tudengeid ootavad ülikoolid?

Soots, Hanna Britt; Vilo, Jaak opleht.ee 2024 [Millise matemaatika taustaga tudengeid ootavad ülikoolid?](https://www.ester.ee/record=b1242496*est)

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 : [vestlusingis 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 https://link.springer.com/chapter/10.1007/978-94-011-4229-8_3

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 nonlinear wave propagation = Mittelineaarse lainelevi numbriline analüüs

Ratas, Mart 2020 https://www.ester.ee/record=b5391019*est <https://digikogu.taltech.ee/et/Item/96b84b2f-8dc3-4c25-8c58-a5dde59d14ea>

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

Salupere, Andrus; Engelbrecht, Jüri; Ilison, 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; Ilison, 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 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 <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 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; Ilison, 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

Ilison, Olari; **Salupere, Andrus** Proceedings of the 15th Nordic Seminar on Computational Mechanics 2002 / p. 177-180
https://kirj.ee/wp-content/plugins/kirj/pub/phys-1-2003-135-144_20211017143919.pdf

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, Marti 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
<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; 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 <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 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
<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 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

Optimised signal processing for nonlinear ultrasonic nondestructive testing of complex materials and biological tissues =
Optimeeritud signaalitöötlus mittelineaarsete komplekssete materjalide ja bioloogiliste kudede mittepurustavaks

testimiseks ultraheliga = Traitement du signal optimisé pour l'évaluation non linéaire non destructive des matériaux complexes et des tissus biologiques

Lints, Martin 2017 <https://digi.lib.ttu.ee/i/?8437> https://www.ester.ee/record=b4689325*est

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 Teadusmõte Küberneetika 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 <https://doi.org/10.1002/zamm.201300042> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)

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
<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 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](#)

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

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

Solitonide formeerumine ja interakteerumine

Salupere, Andrus; Engelbrecht, Jüri; Peterson, Pearu Biotoopia : Bioloogia. Tehnoloogia. Utoopia. : Sorose Kaasaegse Kunsti Eesti Keskuse 3. aastanäitus, 22. november - 17. detsember 1995 1996 / 2 lk.: 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

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>

Strain wave propagation through felt-like material

Vuin, Maria Miranda; Kartofelev, Dmitri; Salupere, Andrus Symposium on the Acoustics of Poro-Elastic Materials 2023 / 24 p. : ill https://sapem2023.matelys.com/proceedings/Vuin_et_al_SAPem2023.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

Wave propagation and interaction in Mindlin-type microstructured solids: numerical simulation = Lainelevi ja interaktsiooni numbriline modelleerimine Mindlini tüüpi mikrostruktuursetes tahkistes

Tamm, Kert 2011 https://www.ester.ee/record=b2679197*est

Wave propagation in microstructured solids: solitary and periodic waves = Lainelevi mikrostruktuursetes tahkistes: üksik- ja perioodilised lained

Randrüüt, Merle 2010 https://www.ester.ee/record=b2632234*est <https://digikogu.taltech.ee/et/Item/9683b675-5146-455d-bc36-179d856a5628>

Wave propagation through nonlinear viscoelastic felt

Vuin, Maria Miranda; Kartofelev, Dmitri; Salupere, Andrus Waves 2024 : book of abstracts 2024 / p. 281-282
<https://doi.org/10.17617/3.MBE4AA>

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