

A finite feedback linearization algorithm for nonlinear control systems

Kaldmäe, Arvo Proceedings of the 8th Annual Conference of the Estonian National Doctoral School in Information and Communication Technologies : December 5-6, 2014, Rakvere 2014 / p. 53-56

A method for description and optimization the structure of multi-level selection procedure

Riismaa, Tiit Proceedings of the 2nd International Conference Optimization and Analysis of Structures : Tartu, Estonia, August 25-27, 2013 2013 / p. 135-140 : ill

A new method for tempering stress measurement in glass panels

Aben, Hillar; Anton, Johan; Paemurru, Mart; Õis, Marella Estonian journal of engineering 2013 / p. 292-297 : ill

A polynomial approach to a nonlinear model matching problem

Belikov, Juri; Halas, Miroslav; Kotta, Ülle; Moog, Claude Proceedings of the Estonian Academy of Sciences 2016 / p. 330-344 : ill
<https://doi.org/10.3176/proc.2016.4.02> https://artiklid.elnet.ee/record=b2808634*est

A study on effective knowledge reuse in multi-platform web applications user interfaces

Marenkov, Jevgeni; Robal, Tarmo; Kalja, Ahto PICMET '15 Conference : Management of the Technology Age : August 2-6, 2015, Portland, Oregon, USA : conference bulletin 2015 / p. 68

A typical wave wake from high-speed vessels : its group structure and run-up

Didenkulova, Irina; Rodin, Artem Nonlinear processes in geophysics 2013 / p. 179-188 : ill

Aastalõpumõtteid teadusest

Engelbrecht, Jüri Sirp 2015 / lk. 23-24 <https://sirp.ee/s1-artiklid/c21-teadus/aastalopumotteid-teadusest/>

About theory, measurements and simulations of short fiber reinforced concrete

Herrmann, Heiko General Assembly of the Marie Curie Alumni Association : 4 to 5 March 2016, Venice, Italy : book of abstracts 2016 / p. 30 : ill https://www.mariecuriealumni.eu/sites/default/files/mcaa_book_of_abstracts_april_2016.pdf

An abrupt change in winds that may radically affect the coasts and deep sections of the Baltic Sea

Soomere, Tarmo; Bishop, Steven R.; Viška, Maija; Räämet, Andrus Climate research 2015 / p. 163-171 : ill
<https://doi.org/10.3354/cr01269> [Journal metrics at WOS](#) [Article at WOS](#)

Abstract categorical semantics for resourceful functional reactive programming

Jeltsch, Wolfgang Journal of logical and algebraic methods in programming 2016 / p. 1177-1200 : ill
<https://doi.org/10.1016/j.jlamp.2016.07.001>

Abstract handling of information and knowledge

Tõugu, Enn Information modelling and knowledge bases XXVII 2016 / p. 129-136 <http://dx.doi.org/10.3233/978-1-61499-611-8-129>

Academia ajaülesed väärtused muutuval teadusmaastikul

Soomere, Tarmo 58. Kreutzwaldi päevade teaduslik konverents "Eesti perekond : traditsioon ja fiktsioon" : teesid : 16.-17. detsember 2014, Tartu 2014 / lk. 3-4

Academy in brief : how have 75 years passed in the Estonian Academy of Sciences?

Engelbrecht, Jüri Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2013 2014 / p. 203-204

Accessibility conditions of MIMO nonlinear control systems on homogeneous time scales

Bartosiewicz, Zbigniew; Kotta, Ülle; Tönso, Maris; Wyrwas, Małgorzata Mathematical control and related fields 2016 / p. 217-250
<https://doi.org/10.3934/mcrf.2016002>

Accommodation to defects in the discrete dynamic systems

Zhirabok, Alexey N.; Kotta, Ülle; Shumsky, A. E. Automation and remote control 2014 / p. 997-1009 : ill

Accessability conditions for discrete time nonlinear multiinput multioutput systems

Kotta, Ülle; Tönso, Maris 5th Junior European Meeting on Control & Information Technology : September 20-22, 2006, Tallinn, Estonia : book of abstracts 2006 / p. 25

Acyclic attribute evaluation in a dependently typed setting

Firsov, Denis; Uustalu, Tarmo Proceedings of the 27th Nordic Workshop on Programming Theory (NWPT 2015) 2016 / p. 124-126 : ill <http://icetcs.ru.is/nwpt2015/NWPT15Proceedings.pdf>

Adaptive output feedback linearization for a class of NN-based ANARX models

Petlenkov, Eduard; Nõmm, Sven; Kotta, Ülle 5th Junior European Meeting on Control & Information Technology : September 20-22, 2006, Tallinn, Estonia : book of abstracts 2006 / p. 10

Adjoint polynomial formulas for nonlinear state-space realization

Belikov, Juri; Kotta, Ülle; Tönso, Maris IEEE transactions on automatic control 2014 / p. 256-261

Advanced design of nonlinear discrete-time and delayed systems = Diskreetsete ja hilistumistega mittelineaarsete juhtimissüsteemide süntees

Kaldmäe, Arvo 2016 <https://digi.lib.ttu.ee/ii/?5215> https://www.ester.ee/record=b4569894*est

Advances in Databases and Information Systems : proceedings of the 9th East-European Conference, ADBIS 2005 : Tallinn, September 12-15, 2005

2005 https://www.ester.ee/record=b2068111*est

Agent-based software design

Oja, Margus; Tamm, Boris, inform.; Taveter, Kuldar Proceedings of the Estonian Academy of Sciences. Engineering 2001 / p. 5-21 https://www.ester.ee/record=b1072102*est https://artiklid.elnet.ee/record=b1006233*est

Akadeemia nimelised medalid : [Karl Ernst von Baeri medal Richard Villems'ile : president Tarmo Soomere tervitus-sõnavõtt medali üleandmisel]

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2015 2016 / lk. 50-51 : portr

[Akadeemia tegevusest 2014. aastal] : president Tarmo Soomere [ettekanne Eesti TA üldkogu koosolekul 15. apr. 2015]

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2015 2016 / lk. 102-104

Akadeemia uuendab uurija-professori institutsiooni : [tippteaduse sidumisest Eesti vajadustega]

Soomere, Tarmo Õpetajate Leht 2015 / lk. 9 <https://opleht.ee/2015/03/akadeemia-uuendab-uurija-professori-institutsiooni/>

Akadeemiad ajas ja ruumis

Engelbrecht, Jüri Akadeemia 2008 / lk. 2116-2130 https://www.ester.ee/record=b1071914*est

Akadeemiast : [75 aastat Eesti Teaduste Akadeemiat]

Engelbrecht, Jüri Horisont 2013 / lk. 4 : portr https://artiklid.elnet.ee/record=b2555845*est

Akadeemiast. Kuidas on möödunud 75 aastat Eesti Teaduste Akadeemias?

Engelbrecht, Jüri Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2013 2014 / lk. 274-275

Akadeemiatest ja paradigmadest

Engelbrecht, Jüri Akadeemia 2014 / lk. 723-732

Akadeemik Ilmar Öpik

Tõugu, Enn Mente et Manu 2014 / lk. 18-19 : fot https://www.ester.ee/record=b1242496*est

Akadeemiline sullerlus kui akadeemilise vabaduse kuritarvitamine

Soomere, Tarmo; Veinthal, Renno Sirp 2016 / lk. 36-37 : ill https://artiklid.elnet.ee/record=b2757309*est <https://www.sirp.ee/s1-artiklid/c21-teadus/akadeemiline-sullerlus-kui-akadeemilise-vabaduse-kuritarvitamine/>

Algebraic approach for analysis and control of a water tank system

Belikov, Juri; Kotta, Ülle; Tepļakov, Aleksei Information technology and control 2016 / p. 175-183 : ill <http://dx.doi.org/10.5755/j01.itc.45.2.13212>

Algebraic formalism of differential p-forms and vector fields for nonlinear control systems on homogeneous time scales

Bartosiewicz, Zbigniew; Kotta, Ülle; Pawluszewicz, Ewa; Tönso, Maris; Wyrwas, Małgorzata Proceedings of the Estonian Academy of Sciences 2013 / p. 215-226

ALLEA 2006-2011 : ALLEA General Assembly, Rome, 11 April 2012

Engelbrecht, Jüri Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2012 2013 / p. 187-191

An "almost dual" to Gottschalk's conjecture

Capobianco, Silvio; Kari, Jarkko; Taati, Siamak Cellular Automata and Discrete Complex Systems : 22nd IFIP WG 1.5 International Workshop, AUTOMATA 2016, Zurich, Switzerland, June 15-17, 2016 : proceedings 2016 / p. 77-89 : ill http://dx.doi.org/10.1007/978-3-319-39300-1_7

An alternative approach to measure quantity and smoothness of the human limb motions

Nõmm, Sven; Toomela, Aaro Estonian journal of engineering 2013 / p. 298-308 : ill

An approach to the inference of finite state machines based on a gravitationally-inspired search algorithm

An improved constitutive model for short fibre reinforced cementitious composites (SFRC) based on the orientation tensor

Herrmann, Heiko Generalized continua as models for classical and advanced materials 2016 / p. 213-227 https://doi.org/10.1007/978-3-319-31721-2_10

An orthotropic material model for steel fibre reinforced concrete based on the orientation distribution of fibres

Eik, Marika; Puttonen, Jari; **Herrmann, Heiko** Composite structures 2015 / p. 324-336 : ill
<http://dx.doi.org/10.1016/j.compstruct.2014.11.018>

Analysis and 3D visualisation of microstructured materials on custom-built virtual reality environment = Virtuaalkeskonna arendamine mikrostruktuursete materjalide analüüsiks ja kolmemõõtmeliseks visualiseerimiseks

Pastorelli, Emiliano 2015 <https://digi.lib.ttu.ee/i/?2533> https://www.ester.ee/record=b4483740*est

Analysis of ADP compartmentation in cardiomyocytes and its role in protection against mitochondrial permeability transition pore opening = ADP kompartmentatsiooni analüüs südamelihaskududes ja selle roll mitokondriaalse suure läbitavusega poori avanemise eest kaitsmisel

Karro, Niina 2015 <https://digi.lib.ttu.ee/i/?3423> https://www.ester.ee/record=b4500337*est

Analysis of molecular movements in cardiac myocytes = Molekulaarsete liikumiste analüüs südamelihaskududes

Illaste, Ardo 2012 <https://digi.lib.ttu.ee/i/?648>

Analysis of ship wake transformation in the coastal zone using time-frequency methods

Torsvik, Tomas; **Herrmann, Heiko**; **Didenkulova, Irina**; **Rodin, Artem** Proceedings of the Estonian Academy of Sciences 2015 / p. 379-388 : ill https://artiklid.elnet.ee/record=b2740572*est

Analysis of short fibres orientation in steel fibre-reinforced concrete (SFRC) by X-ray tomography

Suuronen, Jussi-Petteri; **Eik, Marika**; **Herrmann, Heiko** Journal of materials science 2013 / p. 1358-1367 : ill

Analysis of the properties of fast ferry wakes in the context of coastal management = Kiirlaevalainete omaduste analüüs rannikualade haldamise kontekstis

Kurennoy, Dmitry 2009 <https://digi.lib.ttu.ee/i/?448> https://www.ester.ee/record=b2508754*est

Analytical solutions for tsunami waves generated by submarine landslides in narrow bays and channels

Didenkulova, Irina; **Pelinovsky, Efim** Pure and applied geophysics 2012 / p. 1661-1671 : ill

Andrus Salupere : uuendused on teretulnud, 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

Any dynamical system is fully accessible through one single actuator and related problems

Kawano, Yu; **Kotta, Ülle**; **Moog, Claude** International journal of robust and nonlinear control 2016 / p. 1748-1754
<http://dx.doi.org/10.1002/rnc.3379>

Application of genetic algorithms to neural networks based control of a liquid level tank system

Vassiljeva, Kristina; **Belikov, Juri**; **Petlenkov, Eduard** 2014 International Joint Conference on Neural Networks (IJCNN) : July 6-11, 2014, Beijing, China 2014 / p. 2525-2530 : ill

Application of MPC to industrial water boiler control system in district heat plant

Vansovitš, Vitali; **Petlenkov, Eduard**; **Vassiljeva, Kristina**; **Tepljakov, Aleksei**; **Belikov, Juri** 2014 13th International Conference on Control, Automation, Robotics & Vision (ICARCV 2014) : Marina Bay Sands, Singapore, 10-12th December 2014 2014 / p. 1609-1614 : ill

Application of neural networks based SANARX model for identification and control liquid level tank system

Belikov, Juri; **Nõmm, Sven**; **Petlenkov, Eduard**; **Vassiljeva, Kristina** 2013 12th International Conference on Machine Learning and Applications : ICMLA 2013 : 4-7 December 2013, Miami, Florida, USA : proceedings. Vol. 1 2013 / p. 246-251 : ill

Applications of the inverse problem of pollution propagation

Soomere, Tarmo Preventive methods for coastal protection : towards the use of ocean dynamics for pollution control 2013 / p. 319-366 : ill

Applying user domain model to improve Web recommendations

Robal, Tarmo; **Kalja, Ahto** Databases and information systems VII : selected papers from the tenth International Baltic Conference, DB&IS 2012 2013 / p. 118-131

Approximate numerical solutions to inverse problems for preventive protection of marine environment

Soomere, Tarmo 28th Nordic Seminar on Computational Mechanics, 22-23 October, Tallinn, 2015 : proceedings of the NSCM28 2015 / p. 25-28

Arvamusi akadeemikutelt [oluliste teadusprobleemide kohta]

Engelbrecht, Jüri; Kaljo, Dimitri; Krumm, Lembit; Kübarsepp, Jakob Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2012 2013 / lk. 229-236

Arvutiteaduse tippkeskus

Uustalu, Tarmo Eesti Päevaleht 2012 / Eesti teaduse tippkeskused, lk. 4

Arvutusmeetodid

Janno, Jaan 2008 http://www.ester.ee/record=b2364618*est

Aspect-oriented testing of a rehabilitation system

Sarna, Külli; Vain, Jüri VALID 2014 : the Sixth International Conference on Advances in System Testing and Validation Lifecycle : October 12-16, 2014, Nice, France 2014 / p. 73-78 : ill

Automatic code generation for safety critical embedded systems: developments in the Gene-Auto project

Toom, Andres Thirteenth Estonian Winter School in Computer Science (EWSCS'08) : Park Hotel Palmse, Lahemaa, Estonia : March 2-7, 2008 2008 / [1] p. (Student talks and posters 2008 (abstracts))

Automatic measurement of residual stress in glass articles of complicated shape

Aben, Hillar; Anton, Johan; Errapart, Andrei Verre 2003 / p. 44-49 : ill

Automatic speech recognition system for Lithuanian broadcast audio

Alumäe, Tanel; Tilk, Ottokar Human Language Technologies - the Baltic Perspective : proceedings of the Seventh International Conference, Baltic HLT 2016 2016 / p. 39-45 : tab <https://doi.org/10.3233/978-1-61499-701-6-39>

Baltimaade vaimse koostöö konverents 2013

Engelbrecht, Jüri Horisont 2013 / lk. 14 https://artiklid.elnet.ee/record=b2555896*est

Bidirectional recurrent neural network with attention mechanism for punctuation restoration

Tilk, Ottokar; Alumäe, Tanel 17th Annual Conference of the International Speech Communication Association (INTERSPEECH 2016) : Understanding Speech Processing in Humans and Machines : San Francisco, California, USA, 8-12 September 2016 2016 / p. 3047-3051 : ill <http://doi.org/10.21437/Interspeech.2016-1517>

Block library driven translation validation for dataflow models in safety critical systems

Dieumegard, Arnaud; **Toom, Andres**; Pantel, Marc Critical Systems : Formal Methods and Automated Verification : Joint 21st International Workshop on Formal Methods for Industrial Critical Systems and 16th International Workshop on Automated Verification of Critical Systems, FMICS-AVoCS 2016, Pisa, Italy, September 26-28, 2016 : proceedings 2016 / p. 117-132 : ill https://doi.org/10.1007/978-3-319-45943-1_8

Business satisfaction with e-government services in Baltic Sea region

Kindel, Kristiina; Ritso, Valter; Venesaar, Urve Databases and information systems VIII : selected papers from the Eleventh International Baltic Conference, DB&IS 2014 2014 / p. 217-230 : ill

Certification of context-free grammar algorithms = Kontekstivabade grammatikate algoritmide sertifitseerimine

Firsov, Denis 2016 <http://digi.lib.ttu.ee/i/?6213>

Certified CYK parsing of context-free languages

Firsov, Denis; Uustalu, Tarmo Journal of logical and algebraic methods in programming 2014 / p. 459-468

Changes in the wave climate and severity of storms in the Baltic Sea in 1991-2015 from satellite altimetry

Kudryavtseva, Nadezhda; Soomere, Tarmo 1st Baltic Earth Conference Multiple Drivers for Earth System Changes in the Baltic Sea Region : Nida, Curonian Spit, Lithuania, 13-17 June 2016 : conference proceedings 2016 / p. 80-81 : ill http://www.baltic-earth.eu/events/nida2016/material/BalticEarth_Nida2016_Proceedings.pdf

Changing properties of wind waves and vessel wakes on the eastern coast of the Baltic Sea = Tuulelainete režiimi ja laevalainete omaduste muutused Läänemere idarannikul

Kelpšaitė, Loreta 2009 <https://digi.lib.ttu.ee/i/?451> https://www.ester.ee/record=b2508681*est

Characteristic properties of different vessel wake signals

Didenkulova, Irina; Sheremet, Alex; Torsvik, Tomas; Soomere, Tarmo Journal of coastal research 2013 / p. 213-218 : ill

Circulation patterns in the Gulf of Finland applied to environmental management of marine protected areas = Soome lahe pinnahoovuste mustrite rakendamiseest looduskaitsealade haldamisest

Delpeche-Ellmann, Nicole Camille 2014 <https://digi.lib.ttu.ee/ii/?1820> https://www.ester.ee/record=b4436090*est

Closed-loop identification of fractional-order models using FOMCON toolbox for MATLAB

Tepljakov, Aleksei; Petlenkov, Eduard; Belikov, Juri BEC 2014 : 2014 14th Biennial Baltic Electronics Conference : proceedings of the 14th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 6-8, 2014, Tallinn, Estonia 2014 / p. 213-216 : ill

Coalgebraic update lenses

Ahman, Danel; Uustalu, Tarmo Electronic notes in theoretical computer science 2014 / p. 25-48 : ill

A coalgebraic view of bar recursion and bar induction

Capretta, Venzio; Uustalu, Tarmo Foundations of Software Science and Computation Structures : 19th International Conference, FOSSACS 2016, held as part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2016, Eindhoven, The Netherlands, April 2-8, 2016 : proceedings 2016 / p. 91-106 https://doi.org/10.1007/978-3-662-49630-5_6

Coastline change of the Baltic Sea and its driving forces

Harff, Jan; Deng, Junjie; Dudzinska-Nowak, Joanna; Soomere, Tarmo The 13th Colloquium on Baltic Sea Marine Geology : September 12-16, 2016, Gdansk, Poland : abstract volume & field trip guidebook 2016 / p. 52 <https://www.pgi.gov.pl/dokumenty-pig-pib-all/publikacje-2/materialy-konferencyjne/4007-baltic-2016/file.html>

Combined laser scanning to monitor coastal processes

Eelsalu, Maris; Julge, Kalev; Grünthal, Erko; Märdla, Silja; Ellmann, Artu; Soomere, Tarmo; Tõnisson, Hannes MEME'2014 : Mathematics and Engineering in Marine and Earth Problems : 22-25 July 2014, Aveiro, Portugal : book of abstracts 2014 / p. 106-108 : ill

Combining airborne and terrestrial laser scanning to monitor coastal processes

Julge, Kalev; Eelsalu, Maris; Grünthal, Erko; Märdla, Silja; Ellmann, Artu; Soomere, Tarmo; Tõnisson, Hannes 2014 IEEE/OES Baltic International Symposium : 26-29 May 2014, Tallinn, Estonia : [proceedings] 2014 / [10] p. : ill

Combining airborne and terrestrial laser scanning to monitor coastal processes

Julge, Kalev; Eelsalu, Maris; Grünthal, Erko; Märdla, Silja; Ellmann, Artu; Tõnisson, Hannes Measuring and Modeling of Multi-Scale Interactions in the Marine Environment : IEEE/OES Baltic Symposium 2014, May 26.-29.2014, Tallinn, Estonia : book of abstracts 2014 / p. 49

Combining aspect-orientation and UPPAAL timed automata

Truscan, Dragos; Vain, Jüri; Koskinen, Martin ICSOFT-PT 2014 : proceedings of the 9th International Conference on Software Paradigm Trends, Vienna, Austria, 29-31 August, 2014 2014 / p. 159-164 : ill

Combining effects and coeffects via grading

Gaboardi, Marco; Katsumata, Shin-ya; Orchard, Dominic; Breuvar, Flavien; Uustalu, Tarmo ICFP 2016 : proceedings of the 21st ACM SIGPLAN International Conference on Functional Programming : Nara, Japan, September 18-24, 2016 2016 / p. 476-489 <https://doi.org/10.1145/2951913.2951939>

Committee on Marine Sciences

Soomere, Tarmo Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2014 2015 / p. 35-37

Committee on Marine Sciences

Soomere, Tarmo Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2015 2016 / p. 42-45

Communication channel choice between enterprises and government

Kindel, Kristiina; Venesaar, Urve; Reidolf, Merli Databases and Information Systems VII : selected papers from the tenth International Baltic Conference, DB&IS 2012 2013 / p. 218-231

A comparative study of minimally supervised morphological segmentation

Ruokolainen, Teemu; Kohonen, Oskar; Sirts, Kairit; Grönroos, Stig-Arne; Kurimo, Mikko; Virpioja, Sami Computational linguistics 2016 / p. 91-120 : tab https://doi.org/10.1162/COLI_a_00243

Comparison of LPV and nonlinear system theory : a realization problem

Belikov, Juri; Kotta, Ülle; Tõnso, Maris Systems & control letters 2014 / p. 72-78

Comparison of plan-driven and agile project management approaches : theoretical bases for a case study in Estonian software industry

Lepmets, Marion; Nael, Margus Databases and Information Systems VI : selected papers from the Ninth International Baltic Conference, DB&IS 2010 2011 / p. 296-308 : ill

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

Comparison of strong and statistical convergences in some families of summability methods

Šeletski, Anna; Tali, Anne Filomat 2014 / p. 1225-1236

A comparison of the motions of surface drifters with offshore wind properties in the Gulf of Finland, the Baltic Sea

Delpeche-Ellmann, Nicole Camille; **Torsvik, Tomas**; **Soomere, Tarmo** Estuarine, coastal and shelf science 2016 / p. 154-164 : ill
<https://doi.org/10.1016/j.ecss.2016.02.009>

Complementing ICT studies with learning objects on domain ontologies

Robal, Tarmo; **Kruus, Helena**; **Kalja, Ahto** Proceedings of the 24th International Conference on European Association for Education in Electrical and Information Engineering : 30-31 May 2013, Chania, Greece 2013 / p. 92-96 : ill

Complex materials analysis and visualization through virtual reality environments

Pastorelli, Emiliano; **Herrmann, Heiko** Proceedings of the 8th Annual Conference of the Estonian National Doctoral School in Information and Communication Technologies : December 5-6, 2014, Rakvere 2014 / p. 99-102 : ill

Complexity in engineering and natural sciences

Engelbrecht, Jüri Proceedings of the Estonian Academy of Sciences 2015 / p. 249-255 https://artiklid.elnet.ee/record=b2740532*est

Composition of Web services on large service models = Veebiteenuste kompositsioon suurtel teenustemudelitel

Maigre, Riina 2011

Computation of open-loop frequency-domain characteristics of fractional FORDT plants with FOPID controllers

Tepljakov, Aleksei; **Petlenkov, Eduard**; **Belikov, Juri** Doctoral School in Information and Communication Technology : proceedings of doctoral session of BEC 2014 : October 6-8 2014, Laulasmaa 2014 / p. 23-26

Computational intelligence methods based design of closed-loop system

Belikov, Juri; **Petlenkov, Eduard**; **Vassiljeva, Kristina**; **Nömm, Sven** Neural information processing : 20th International Conference, ICONIP 2013, Daegu, Korea, November 3-7, 2013 : proceedings. Part I 2013 / p. 215-224 : ill

Computer algebra tools for modelling, analysis and synthesis for nonlinear control systems = Arvutialgebra vahendil mittelineaarsete juhtimissüsteemide modelleerimiseks, analüüsiks ja sünteesiks

Tõnso, Maris 2010 https://www.ester.ee/record=b2552427*est

Concept formation in exploratory data analysis : case studies of linguistic and banking data = Mõiste moodustamine uurivas andmeanalüüsis: keele- ja pangandusandmete juhtumianalüüsid

Kirt, Toomas 2007 https://www.ester.ee/record=b2324671*est

Concluding remarks

Soomere, Tarmo Preventive methods for coastal protection : towards the use of ocean dynamics for pollution control 2013 / p. 417-420

A constitutive function for the heat flux in short-fiber-reinforced composites

Herrmann, Heiko Journal of non-equilibrium thermodynamics 2015 / p. 257-263 <https://doi.org/10.1515/jnet-2015-0005>

Construction of flat outputs of nonlinear discrete-time systems in a geometric and an algebraic framework

Kolar, Bernd; **Kaldmäe, Arvo**; Schöberl, Markus; **Kotta, Ülle**; Schlacher, Kurt IFAC-PapersOnLine 2016 / p. 796-801
<https://doi.org/10.1016/j.ifacol.2016.10.263>

Contribution of wave set-up into the total water level in the Tallinn area

Pindsoo, Katri; **Soomere, Tarmo** Proceedings of the Estonian Academy of Sciences 2015 / p. 338-348 : ill
https://artiklid.elnet.ee/record=b2740558*est

Council for Estonian Centres of Excellence in Research

Engelbrecht, Jüri Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2014 2015 / p. 38-41

Council for Estonian Centres of Excellence in Research

Engelbrecht, Jüri Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2013 2014 / p. 42-43

Council for Estonian Centres of Excellence in Research

Engelbrecht, Jüri Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2015 2016 / p. 45-47

Criteria for the transition from a breaking bore to an undular bore

Pelinovsky, Efim; Shurgalina, Ekaterina; **Rodin, Artem** Izvestiya, atmospheric and oceanic physics 2015 / p. 530-533 : ill
<http://dx.doi.org/10.1134/S0001433815050096>

Cross-bridge group ensembles describing cooperativity in thermodynamically consistent way

Kalda, Mari; Peterson, Pearu; Vendelin, Marko PLoS ONE 2015 / p. 1-26 : ill <https://doi.org/10.1371/journal.pone.0137438>

Cross-bridge group ensembles describing cooperativity in thermodynamically consistent way

Kalda, Mari; Peterson, Pearu; Vendelin, Marko Biophysical journal 2016 / p. 463a <https://doi.org/10.1016/j.bpj.2015.11.2481>

Data processing and performance testing of a low-cost surface drifter design for use in coastal waters

Torsvik, Tomas Proceedings of the Estonian Academy of Sciences 2016 / p. 58-67 : ill <http://dx.doi.org/10.3176/proc.2016.1.06>
https://artiklid.elnet.ee/record=b2760716*est

Databases and Information Systems : proceedings of the 11th International Baltic Conference, Baltic DB&IS 2014 : Tallinn, Estonia, 8-11 June, 2014

2014 http://www.ester.ee/record=b3088507*est

Databases and information systems : proceedings of the Eighth International Baltic Conference, Baltic DB&PIS 2008 : Tallinn, June 2-5, 2008

2008 http://www.ester.ee/record=b2374996*est

Databases and information systems VIII : selected papers from the Eleventh International Baltic Conference, DB&IS 2014

2014 https://www.ester.ee/record=b4447206*est

DC-conductivity testing combined with photometry for measuring fibre orientations in SFRC

Eik, Marika; Löhmus, Karl; Tigasson, Martin; Listak, Madis; Puttonen, Jari; **Herrmann, Heiko** Journal of materials science 2013 / p. 3745-3759 : ill

Decadal changes in the Baltic Sea wave heights

Soomere, Tarmo; Räämet, Andrus Journal of marine systems 2014 / p. 86-95 : ill

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

Depression waves generated by large ships in the Venice Lagoon

Parnell, Kevin Ellis; Zaggia, Luca; **Soomere, Tarmo**; Lorenzetti, Giuliano; Scarpa, Gian Marco Journal of coastal research 2016 / p. 907-911 : ill <http://dx.doi.org/10.2112/SI75-182.1>

Design and implementation of fractional-order PID controllers for a fluid tank system

Tepljakov, Aleksei; Petlenkov, Eduard; Belikov, Juri; Halas, Miroslav 2013 American Control Conference (ACC) : Washington, DC, USA, June 17-19, 2013 2013 / p. 1777-1782 : ill

Design and verification of Cyber-Physical Systems using TrueTime, evolutionary optimization and UPPAAL

Balasubramanian, Sreeram; Srinivasan, Seshadhri; Buonopane, Furio; Balasubramanian, Subathra; **Vain, Jüri**; Ramaswamy, Srinivasan Microprocessors and microsystems 2016 / p. 37-48 : ill <http://dx.doi.org/10.1016/j.micpro.2015.12.006>

Design of retuning fractional PID controllers for a closed-loop magnetic levitation control system

Tepljakov, Aleksei; Petlenkov, Eduard; Belikov, Juri; Gonzalez, Emmanuel A. 2014 13th International Conference on Control, Automation, Robotics & Vision (ICARCV 2014) : Marina Bay Sands, Singapore, 10-12th December 2014 2014 / p. 1345-1350 : ill

Determination of inhomogeneous properties of materials by analysis of ultrasonic wave motion

Braunbrück, Andres ACTA acustica united with acustica 2014 / p. 259-265 : ill

Development of accelerating pipe flow starting from rest

Annus, Ivar; Koppel, Tiit; Sarv, Laur; **Ainola, Leo** Journal of fluids engineering 2013 / p. 111204-1 - 111204-10 : ill

Diagnosis : teadlane

Soomere, Tarmo Tallinna Tehnikaülikooli aastaraamat 2013 2014 / lk. 22-30

Diffusion of oriented particles in porous media

Haber, René; Prehl, Janett; **Herrmann, Heiko**; Hoffmann, Karl Heinz Physics letters A 2013 / p. 2840-2845 : ill

Digital fractional-order control of a position servo

Tepljakov, Aleksei; Petlenkov, Eduard; Belikov, Juri; Astapov, Sergei Proceedings of the 20th International Conference Mixed Design of Integrated Circuits and Systems : MIXDES 2013, Gdynia, Poland, June 20-22, 2013 2013 / p. 462-467 : ill

Directed containers as categories

Ahman, Danel; **Uustalu, Tarmo** Proceedings 6th Workshop on Mathematically Structured Functional Programming (MSFP 2016) : Eindhoven, The Netherlands, 8 April 2016 2016 / p. 89-98 <https://doi.org/10.4204/eptcs.207.5>

Dispersion analysis of wave motion in microstructured solids = Lainete dispersioon mikrostruktuuriga materjalides
Peets, Tanel 2011

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

Disturbance decoupling by measurement feedback : sensor location

Kaldmäe, Arvo; Kotta, Ülle; Shumsky, Alexey; Zhirabok, Alexey Proceedings of the Estonian Academy of Sciences 2016 / p. 317-329 : ill <http://dx.doi.org/10.3176/proc.2016.4.05> https://artiklid.elnet.ee/record=b2808632*est

Disturbance decoupling in nonlinear hybrid systems [Electronic resource]

Kaldmäe, Arvo; Kotta, Ülle; Shumsky, Alexey; Zhirabok, Alexey 12th IEEE International Conference on Control and Automation : ICCA 2016 : Kathmandu, Nepal, 1-3 June 2016 2016 / p. 86-91 : ill. [USB] <https://doi.org/10.1109/ICCA.2016.7505257>

Disturbance decoupling of time delay systems

Kaldmäe, Arvo; Moog, Claude Asian journal of control 2016 / p. 1130-1134 <http://dx.doi.org/10.1002/asjc.1169>

Disturbance decoupling problem in finite automata : sensor location problem

Kaldmäe, Arvo; Kotta, Ülle; Shumsky, Alexey; Zhirabok, Alexey 2016 IEEE Conference on Control Applications (CCA) : part of 2016 IEEE Multi-Conference on Systems and Control, September 19-22, 2016, Buenos Aires, Argentina 2016 / p. 481-486 : ill <https://doi.org/10.1109/CCA.2016.7587876>

A divertimento on MonadPlus and nondeterminism

Uustalu, Tarmo Journal of logical and algebraic methods in programming 2016 / p. 1086-1094 : ill <https://doi.org/10.1016/j.jlamp.2016.06.004>

Division of informatics and engineering

Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2014 2015 / p. 23-27

Division of Informatics and Engineering

Soomere, Tarmo Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2012 2013 / p. 25-29

Durational patterns in Northern Estonian and Northern Finnish

Suomi, Kari; **Meister, Einar;** Ylitalo, Riikka; **Meister, Lya** Journal of phonetics 2013 / p. 1-16 : ill

Edge-wave-driven durable variations in the thickness of the surfactant film and concentration of surface floats

Averbukh, Elena; Kurkina, Oxana; Kurkin, Andrey; **Soomere, Tarmo** Physics letters A 2014 / p. 53-58 : ill

Eesti keele foneetika. I

Eek, Arvo; Lehiste, Ilse; Teras, Pire; Krull, Diana 2008 https://www.ester.ee/record=b2347801*est
https://artiklid.elnet.ee/record=b2031792*est https://artiklid.elnet.ee/record=b1500968*est https://artiklid.elnet.ee/record=b1459793*est

Eesti keeletehnoloogia ANNO 2013

Meister, Einar Ferdinand Johann Wiedemanni keeleauhind 25 2013 / lk. 296-297

Eesti laste kõne põhitooni ja vokaaliruumi areng

Meister, Lya; Meister, Einar Eesti-uuringute Tippkeskuse aastakonverents ja Kreutzwaldi päevade 60. konverents "Suuline ja kirjalik kultuuris: põimumised ja põrkumised" : 12. ja 13. detsembril 2016 Eesti Kirjandusmuuseumis : ajakava ja ettekannete kokkuvõtteid 2016 / lk. 27-28 <http://www.digar.ee/viewer/et/nlib-digar:297946/265944/page/23>

Eesti maavarade saaga: adekvaatse info lünklikkus toidab populismi

Kello, Karl; **Soomere, Tarmo** Õpetajate Leht 2016 / lk. 9 <https://opleht.ee/2016/05/eesti-maavarade-saaga-adekvaatse-info-lunklikkus-toidab-populismi/>

Eesti oma Horisont

Soomere, Tarmo Horisont 2016 / lk. 1

Eesti teadlastest välismaal

Engelbrecht, Jüri Horisont 2013 / lk. 53 : ill https://artiklid.elnet.ee/record=b2651080*est

Eesti teaduse tippkeskuste nõukogu

Engelbrecht, Jüri Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2014 2015 / lk. 36-37

Eesti teaduse tippkeskuste nõukogu

Engelbrecht, Jüri Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2013 2014 / lk. 38-39

Eesti teadusreform - plussid ja miinused : 5. oktoobri 2001. a. konverentsi materjalid

2001 https://www.ester.ee/record=b1591945*est

Eesti Vabariigi preemiad 2015 : teadus. F. J. Wiedemanni keeleauhind. Kultuur. Sport

2015

Eesti Vabariigi preemiad 2016 : teadus. F. J. Wiedemanni keeleauhind. Kultuur. Sport

2016

Eesti viies kliimaruanne : ÜRO kliimamuutuste raamkonventsiooni elluviimise kohta

2009 https://www.ester.ee/record=b2695548*est

Effect of asymmetry of incident wave on the maximum runup height

Didenkulova, Irina; Denissenko, Petr; **Rodin, Artem**; Pelinovsky, Efim Journal of coastal research 2013 / p. 207-212 : ill

Effective modeling and simulation of complicated fluid power systems

Grossschmidt, Gunnar; **Harf, Mait** Modern Fluid Power : Challenges, Responsibilities, Markets : 9th International Fluid Power Conference, 24th-26th March 2014, Aachen, Germany : proceedings. Vol. 2, Conference : tuesday, March 25th + scientific poster session 2014 / p. 374-385 : ill

Efficiency experiments on Hadoop and Giraph with PageRank

Koschel, Arne; Heine, Felix; **Astrova, Irina**; Korte, Fred; Rossow, Thomas; Stipkovic, Sebastian 24th Euromicro International Conference on Parallel, Distributed, and Network-Based Processing : PDP 2016 : 17-19 February 2016, Heraklion, Crete, Greece : proceedings 2016 / p. 328-331 : ill <https://doi.org/10.1109/PDP.2016.49>

Efficient analog implementations of fractional-order controllers

Tepljakov, Aleksei; **Petlenkov, Eduard**; **Belikov, Juri** Proceedings of the 2013 14th International Carpathian Control Conference (ICCC) : Rytro, Hotel Perla Południa, Poland, May 26-29, 2013 2013 / p. 377-382 : ill

Efficient method of finding scaling exponents from finite-size Monte-Carlo simulations

Mandre, Indrek; **Kalda, Jaan** The European physical journal B 2013 / p. 1-6 : ill

Elastic wave Talbot effect in solids with inclusions

Berezovski, Arkadi; Tang, Wen-Xin; Wan, Weishi Mechanics research communications 2014 / p. 21-26 : ill

Elu võimalikkus mittelineaarses ja mittetasakaalulises juhumuutlikus maailmas

Kalda, Jaan; Mankin, Romi; Tammelo, Risto Teadusmõte Eestis : täppisteadused : [artiklikogumik] 2006 / lk. 53-62 : ill https://www.ester.ee/record=b2230239*est

Embedded system implementation of digital fractional filter approximations for control applications

Tepljakov, Aleksei; **Petlenkov, Eduard**; **Belikov, Juri** Proceedings of the 21st International Conference Mixed Design of Integrated Circuits and Systems : MIXDES 2014 : Lublin, Poland, June 19-21, 2014 2014 / p. 441-445 : ill

Enhancing OSGi with asynchronous messaging

Astrova, Irina; Schaaf, Marc; Koschel, Arne; Ahlers, Volker JTRES '16 : proceedings of the 14th International Workshop on Java Technologies for Real-Time and Embedded Systems : Lugano, Switzerland, August 29 - September 02, 2016 2016 / [10] p. : ill <https://doi.org/10.1145/2990509.2990513>

Ensemble approach for projections of return periods of extreme water levels in Estonian waters

Eelsalu, Maris; **Soomere, Tarmo**; **Pindsoo, Katri**; **Lagemaa, Priidik** Continental shelf research 2014 / p. 201-210 : ill

Enterprise security analysis and training experience

Ojamaa, Andres; **Tõugu, Enn** Critical Information Infrastructures Security : 9th International Conference, CRITIS 2014, Limassol, Cyprus, October 13-15, 2014 : revised selected papers 2016 / p. 200-208 : ill https://doi.org/10.1007/978-3-319-31664-2_21

Enterprises' satisfaction with e-government : a case of countries in Baltic Sea Region

Kindel, Kristiina; Ritso, Valter; Venesaar, Urve Databases and Information Systems : proceedings of the 11th International Baltic Conference, Baltic DB&IS 2014 : Tallinn, Estonia, 8-11 June, 2014 2014 / p. 203-214 : ill

Erosion by vessel waves

Soomere, Tarmo The Gulf of Finland assessment 2016 / p. 324-325 : ill <http://hdl.handle.net/10138/166296>

Erratum to : Thermodynamic approach to generalized continua

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

Estimation of diffusion restrictions in cardiomyocytes using kinetic measurements = Difusioonitakistuste hindamine kardiomüotsüütides kasutades kineetilisi mõõtmisi

Sepp, Mervi 2013 https://www.ester.ee/record=b2987727*est

Estonian Academy of Sciences 75

Engelbrecht, Jüri; Järv, Jaak Proceedings of the Estonian Academy of Sciences 2013 / p. 213-214

Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2014

2015 https://www.ester.ee/record=b1218154*est

Estonian eGovernment services : lesson learned

Kalja, Ahto; Pöld, Janari; Robal, Tarmo; Vallner, Uuno; **Viies, Vladimir** Proceedings of PICMET'13 : Technology Management in the IT-Driven Services : [July 28-August 1, 2013, San Jose, California, USA] 2013 / p. 562-568 : ill

An Estonian Research Excellence Centre in Computer Science : [the Estonian Centre for Dependable Computing]

Uustalu, Tarmo Estonia : member state of NATO and the EU : international business handbook 2007-2008 2007 / p. 182-190 : portr https://www.ester.ee/record=b2288232*est

Evaluation and tuning of model trajectories and spreading rates in the Baltic Sea using surface drifter observations

Kjellsson, Joakim; Döös, Kristofer; **Soomere, Tarmo** Preventive methods for coastal protection : towards the use of ocean dynamics for pollution control 2013 / p. 251-281 : ill

Evaluation of automatic speech recognition prototype for Estonian language in radiology domain : a pilot study

Paats, Andrus; Alumäe, Tanel; Meister, Einar; Fridolin, Ivo 16th Nordic-Baltic Conference on Biomedical Engineering : 16. NBC & 10. MTD 2014 Joint Conferences, October 14-16, 2014, Gothenburg, Sweden 2015 / p. 96-99

Event participant modelling with neural networks

Tilk, Ottokar; Demberg, Vera; Sayeed, Asad; Klakow, Dietrich; Thater, Stefan Proceedings of the 2016 Conference on Empirical Methods in Natural Language Processing : EMNLP 2016 : Austin, Texas, USA, November 1-4, 2016 2016 / p. 171-182 : ill <https://aclweb.org/anthology/D16-1017>

Experimental statistics of long wave runup on a plane beach

Denissenko, Petr; **Didenkulova, Irina; Rodin, Artem; Listak, Madis**; Pelinovsky, Efim Journal of coastal research 2013 / p. 195-200 : ill

Exposure of a coastal city to a landslide tsunami : a case study of Cassis, France

Averbukh, Elena; Dussouillez, Philippe; Kharif, Christian; Khvostova, Olga; Kurkin, Andrey; Rochette, Pierre; **Soomere, Tarmo** Estonian journal of engineering 2013 / p. 124-142 : ill https://artiklid.elnet.ee/record=b2621595*est

Extended observer form : simple existence conditions

Kaparin, Vadim; Kotta, Ülle; Mullari, Tanel International journal of control 2013 / p. 794-803 : ill

Extending the observed Baltic Sea wave climate back to the 1940s

Soomere, Tarmo Journal of coastal research 2013 / p. 1969-1974 : ill

Extremes and decadal variations in the Baltic Sea wave conditions

Soomere, Tarmo Extreme ocean waves. 2nd ed 2016 / p. 107-140 : ill http://doi.org/10.1007/978-3-319-21575-4_7

Faulty plant reconfiguration based on disturbance decoupling methods

Kaldmäe, Arvo; Kotta, Ülle; Jiang, Bin; Shumsky, Alexey Ye.; Zhirabok, Alexey N. Asian journal of control 2016 / p. 858-867 : ill <http://dx.doi.org/10.1002/asjc.1185>

Feedback linearization and lattice theory

Kotta, Ülle; Tönso, Maris; Shumsky, Alexey Ye.; Zhirabok, Alexey N. Systems & control letters 2013 / p. 248-255

Field experiments with different fractions of painted sediments to study material transport in three coastal sites in Estonia

Tõnisson, Hannes; **Eelsalu, Maris; Pindsoo, Katri** Journal of coastal research 2014 / p. 229-234 : ill

Finnish Meteorological Institute's open data mining tool

Giudici, Andrea; Soomere, Tarmo 28th Nordic Seminar on Computational Mechanics, 22-23 October, Tallinn, 2015 : proceedings of the NSCM28 2015 / p. 59-62

Fixed-order stabilising controller design by a mixed randomised/deterministic method

Nurges, Ülo; Avanesov, Sergei International journal of control 2015 / p. 335-346 <http://dx.doi.org/10.1080/00207179.2014.953208>

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>

FOPID controller tuning for fractional FOPDT plants subject to design specifications in the frequency domain

Tepljakov, Aleksei; Petlenkov, Eduard; Belikov, Juri 2015 European Control Conference (ECC) : July 15-17, 2015, Linz, Austria 2015 / p. 3502-3507 : ill <http://dx.doi.org/10.1109/ECC.2015.7331076>

Foreford

Uustalu, Tarmo ICFP'13 : proceedings of the 2013 ACM SIGPLAN International Conference on Functional Programming 2013 / p. iii

Foreword

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

Formal specification of block libraries in dataflow languages

Dieumegard, Arnaud; **Toom, Andres;** Pantel, Marc 7th European Congress Embedded Real-Time Software and Systems, ERTS2 2014 : 5-7 February 2014, Toulouse, France : proceedings 2014 / [10] p. : ill

Formal specification of block libraries in dataflow languages

Dieumegard, Arnaud; **Toom, Andres;** Pantel, Marc Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK seitsmenda aastakonverentsi artiklite kogumik : 15.-16. novembril 2013, Haapsalu 2013 / p. 17-19 : ill

Fractional-order controller design and digital implementation using FOMCON toolbox for MATLAB

Tepljakov, Aleksei; Petlenkov, Eduard; Belikov, Juri; Finajev, Jevgeni 2013 IEEE Conference on Computer Aided Control System Design (CACSD) : Part of 2013 IEEE Multi-Conference on Systems and Control : Hyderabad, India, August 28-30, 2013 2013 / p. 340-345 : ill

Fractional-order digital filter approximation method for embedded control applications

Tepljakov, Aleksei; Petlenkov, Eduard; Belikov, Juri International journal of microelectronics and computer science 2014 / p. 54-60 : ill

Frequency-dependent attenuation and phase velocity dispersion of an acoustic wave propagating in the media with damages

Stulov, Anatoli; Erofeev, Vladimir Generalized continua as models for classical and advanced materials 2016 / p. 413-423 https://doi.org/10.1007/978-3-319-31721-2_19

Frequency-dependent dissipation in dispersive wool felt [Online resource]

Kartofelev, Dmitri; Tamm, Kert; Peets, Tanel 22nd International Congress on Acoustics ICA 2016 : proceedings 2016 / p. 53 http://ica2016.org.ar/website/wp-content/uploads/ICA2016_Proceedings.pdf

Frequency-dependent dissipation in dispersive wool felt [Online resource]

Kartofelev, Dmitri; Tamm, Kert; Peets, Tanel 22nd International Congress on Acoustics ICA 2016 : [complete proceedings] 2016 / p. 1-10 : ill <http://ica2016.org.ar/website/proceedings/>

From reactive to proactive mitigation

Soomere, Tarmo The Gulf of Finland assessment 2016 / p. 320-321 : ill <http://hdl.handle.net/10138/166296>

Functional incremental computing

Firsov, Denis; Jeltsch, Wolfgang Proceedings of the 8th Annual Conference of the Estonian National Doctoral School in Information and Communication Technologies : December 5-6, 2014, Rakvere 2014 / p. 35-38

Gain and order scheduled fractional-order PID control of fluid level in a multi-tank system

Tepljakov, Aleksei; Petlenkov, Eduard; Belikov, Juri 2014 International Conference on Fractional Differentiation and its Applications (ICFDA) : Catania, Italy, 23-25 June 2014 2014 / [6] p. : ill

Generalised scale-invariance in financial time series

Kitt, Robert 2005 https://www.ester.ee/record=b2045311*est

Generation of stable polytopes of Hurwitz polynomials via Routh parameters

Nurges, Ülo; Artemtšuk, Igor; Belikov, Juri 53rd IEEE Conference on Decision and Control : December 15-17, 2014, Los Angeles, California, USA 2014 / p. 2390-2395 : ill

Globaalprobleemid - need on eelkõige suure tähega Maa terviseprobleemid

Kello, Karl; Soomere, Tarmo Õpetajate Leht 2016 / lk. 9 https://artiklid.elnet.ee/record=b2778166*est
<https://opleht.ee/2016/06/globaalprobleemid-need-on-eelkoige-suure-tahega-maa-terviseprobleemid/>

Gradient scattered light method for non-destructive stress profile determination in chemically strengthened glass

Hödemann, Siim; Valdmann, Andreas; Anton, Johan; Murata, Takashi Journal of materials science 2016 / p. 5962-5978 : ill
<http://dx.doi.org/10.1007/s10853-016-9897-4>

Guest editors' foreword

Uustalu, Tarmo; Vain, Jüri Journal of logical and algebraic methods in programming 2016 / p. 1109
<http://dx.doi.org/10.1016/j.jlamp.2016.10.004>

Haridussüsteemi uued astmed ehk õppimine ilma õpetajata

Soomere, Tarmo Sirp 2016 / lk. 16-17 : ill <http://www.sirp.ee/s1-artiklid/c21-teadus/haridussusteemi-uued-astmed/>

High-energy sources at low radio frequency : the Murchison Widefield Array view of Fermi blazars

Giroletti, M.; Massaro, F.; D'Abrusco, R.; Kudryavtseva, Nadezhda Astronomy and astrophysics 2016 / p. 1-9 : ill
<http://dx.doi.org/10.1051/0004-6361/201527817>

Higher-order attribute semantics of flat languages = Lamedate keelte kõrgemat järku atribuutsemantika

Grigorenko, Pavel 2010 <https://digi.lib.ttu.ee/i/?510> https://www.ester.ee/record=b2637394*est

A Hoare logic for the coinductive trace-based big-step semantics of While

Nakata, Keiko; Uustalu, Tarmo Logical methods in computer science 2015 / p. 1-32 [http://dx.doi.org/10.2168/LMCS-11\(1:1\)2015](http://dx.doi.org/10.2168/LMCS-11(1:1)2015)

Hoolega hoitud teadusmõtte järjepidevus

Engelbrecht, Jüri Horisont 2015 / lk. 56-57 : fot https://artiklid.elnet.ee/record=b2749519*est

Horisont 50 : [2 küsimust püsiautoritele]

Tõugu, Enn; Einasto, Jaan; Allik, Jüri; Viikmaa, Mart; Keevallik, Sirje; Saarma, Mart; Lang, Valter Horisont 2016 / lk. 14-19 : ill
https://artiklid.elnet.ee/record=b2755839*est

House thermal behaviour simulation with CoCoViLa

Spitšakova, Margarita Proceedings of the 8th Annual Conference of the Estonian National Doctoral School in Information and Communication Technologies : December 5-6, 2014, Rakvere 2014 / p. 125-128 : ill

Human limb model structure optimization with genetic algorithm

Nõmm, Sven; Vassiljeva, Kristina; Kuusik, Alar EMS2013 : UKSim-AMSS 7th European Modelling Symposium, 20-22 November 2013, Manchester, United Kingdom : [proceedings] 2013 / p. 124-129

IaaS platforms : how secure are they?

Astrova, Irina; Koschel, Arne; Henke, Mats Lennart IEEE 30th International Conference on Advanced Information Networking and Applications Workshops : WAINA 2016 : 23-25 March 2016, Crans-Montana, Switzerland : proceedings 2016 / p. 843-848 : ill
<https://doi.org/10.1109/WAINA.2016.22>

Identification of areas of frequent patch formation from velocity fields

Giudici, Andrea; Soomere, Tarmo Journal of coastal research 2013 / p. 231-236 : ill

Identification of ship wake structures by a time-frequency method

Torsvik, Tomas; Soomere, Tarmo; Didenkulova, Irina; Sheremet, Alex Journal of fluid mechanics 2015 / p. 229-251 : ill
<http://dx.doi.org/10.1017/jfm.2014.734>

Impact of horizontal eddy-diffusivity on Lagrangian statistics for coastal pollution from a major marine fairway

Viikmäe, Bert; Torsvik, Tomas; Soomere, Tarmo Ocean dynamics 2013 / p. 589-597 : ill

An implementation in Agda of Sutner's decision algorithms for injectivity and surjectivity of one-dimensional cellular automata

Capobianco, Silvio; Veltri, Niccolò Proceedings of the 27th Nordic Workshop on Programming Theory (NWPT 2015) 2016 / p. 27-29 <http://icetcs.ru.is/nwpt2015/NWPT15Proceedings.pdf>

Implications of the theory of turbulent mixing for wave propagation in media with fluctuating coefficient of refraction
Kalda, Jaan; Kree, Mihkel Proceedings of the Estonian Academy of Sciences 2015 / p. 285-290 : ill
https://artiklid.elnet.ee/record=b2740540*est

Incorporation of fractional-order dynamics into an existing PI/PID DC motor control loop
Tepljakov, Aleksei; Gonzales, Emmanuel A.; Petlenkov, Eduard; Belikov, Juri; Monje, Concepcion A.; Petraš, Ivo ISA transactions 2016 / p. 262-273 : ill <http://dx.doi.org/10.1016/j.isatra.2015.11.012>

The influence of alternative energy transfer systems on respiration in creatine-deficient mouse cardiomyocytes
Branovets, Jelena; Jugai, Svetlana; Vendelin, Marko; Birkedal Nielsen, Rikke Biophysical journal 2016 / p. 474a-475a
<https://doi.org/10.1016/j.bpj.2015.11.2538>

Influence of microstructure on thermoelastic wave propagation
Berezovski, Arkadi; Berezovski, Mihhail Acta mechanica 2013 / p. 2623-2633 : ill

Info ja teadmine
Tõugu, Enn Akadeemia 2014 / lk. 2208-2223 : ill

Informaatika ja tehnikateaduste osakond
Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2012 2013 / lk. 24-27

Informaatika ja tehnikateaduste osakond
Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2014 2015 / lk. 22-25

Informaatika ja tehnikateaduste osakond
Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2013 2014 / lk. 23-28

Inimene ei ole toiduahela tipp
Soomere, Tarmo Mente et Manu 2014 / lk. 4-7 : fot https://www.ester.ee/record=b1242496*est

Input–output linearization of discrete-time systems by dynamic output feedback
Kaldmäe, Arvo; Kotta, Ülle European journal of control 2014 / p. 73-78

Integrability for nonlinear time-delay systems
Kaldmäe, Arvo; Califano, Claudia; Moog, Claude IEEE transactions on automatic control 2016 / p. 1912-1917
<https://doi.org/10.1109/TAC.2015.2482003>

Interaction of bursts in exponentially graded materials characterized by parametric plots
Ravasoo, Arvi Wave motion 2014 / p. 758-767 : ill

Interannual variations of ice cover and wave energy flux in the northeastern Baltic Sea
Zaitseva-Pärnaste, Inga; Soomere, Tarmo Annals of glaciology 2013 / p. 175-182 : ill

Interfaces in micromorphic materials : wave transmission and reflection with numerical simulations
Berezovski, Arkadi; Giorgio, Ivan; Della Corte, Alessandro Mathematics and mechanics of solids 2016 / p. 37-51 : ill
<https://doi.org/10.1177/1081286515572244>

Intermittency and long-range structurization of heart rate = Südamerütmil pikamastaabiline kord ja juhumuutlikkus
Säkki, Maksim 2005 https://www.ester.ee/record=b2097469*est

Internal scales and dispersive properties of microstructured materials
Peets, Tanel Mathematics and computers in simulation 2016 / p. 220-228 : ill <http://dx.doi.org/10.1016/j.matcom.2014.03.006>

International Conference on Complexity of Nonlinear Waves : October 5-7, 2009 : book of abstracts
2009 http://www.ester.ee/record=b2520738*est

Intersections of moving fractal sets
Mandre, Indrek; Kalda, Jaan EPL: a letters journal exploring the frontiers of physics 2013 / p. 10012-p1-p5 : ill

Intracellular diffusion of adenosine phosphates is locally restricted in cardiac muscle
Vendelin, Marko; Eimre, Margus; Seppet, Evelin; Peet, Nadežda; Andrienko, Tatiana; Lemba, Maris; Engelbrecht, Jüri; Seppet, Enn; Saks, Valdur Molecular and cellular biochemistry 2004 / p. 229-241 : ill

Investigating the marine protected areas most at risk of current-driven pollution in the Gulf of Finland, the Baltic Sea,

using a Lagrangian transport model

Delpeche, Nicole; Soomere, Tarmo Marine pollution bulletin 2013 / p. 121-129 : ill

IPhO 2012: how magnets curve the water

Kalda, Jaan; Kikas, Jaak; Heidelberg, M.; Ainsaar, Ain; Lõhmus, Rünno European journal of physics 2013 / p. S35-S48 : ill

Journal of logical and algebraic methods in programming. Vol. 85, iss. 6, NWPT 2013

2016

Jüri Engelbrecht : teadus ei ole elukutse, vaid eluviis

Engelbrecht, Jüri Postimees : Extra 1997 / lk. 4-5

Kaoseraamat : [õpik]

Lepik, Ülo; Engelbrecht, Jüri 1999 https://www.ester.ee/record=b1268229*est

Katse liigitada sädelemist : [akadeemik Jüri Engelbrechtist]

Soomere, Tarmo Sirp 2014 / lk. 29-30 : portr <https://www.sirp.ee/s1-artiklid/c21-teadus/2014-07-24-09-42-42/>

Keeruka maailma ilu : [TTÜ Küberneetika Instituudi mittelineaarsete protsesside analüüsi keskusest]

2006 https://www.ester.ee/record=b2198215*est

Keeruka maailma võlu

2015 https://www.ester.ee/record=b4488344*est

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

Keskkonnahoidliku merekasutuse matemaatika

Soomere, Tarmo Horisont 2013 / lk. 59-60 : ill https://artiklid.elnet.ee/record=b2625554*est

Keskkonnahoidliku merekasutuse matemaatika rakendusi Läänemere rannikute kaitseks : [matemaatika-loodusteaduskonna VI teaduskonverentsi avaettekannet 6. novembril 2013 TTÜs]

Soomere, Tarmo Tallinna Tehnikaülikooli aastaraamat 2013 2014 / lk. 216-227 : ill

Komplekssüsteemid ja süsteemibioloogia

Engelbrecht, Jüri Süsteemibioloogia 2013 / lk. 7-11

Komplekssüsteemid meis ja meie ümber

Engelbrecht, Jüri Horisont 2014 / lk. 28-36 : ill https://artiklid.elnet.ee/record=b2662770*est

Kremlisse ja Kremli

Tõugu, Enn Eesti iseseisvus võideti Moskvast 2016 / lk. 162-169 : fot

Kuhu küll tehismõistus on jäänud?

Tõugu, Enn Horisont 2014 / lk. 30-36 : ill https://artiklid.elnet.ee/record=b2655881*est

Kuidas kauge ja külm Lõunaookean meie kliimat säilitab?

Soomere, Tarmo Postimees 2016 / Arvamus=Kultuur, lk. 12

Kuidas mõistlikkus võib aidata laamendamise kiuste

Soomere, Tarmo Postimees 2016 / AK, lk. 6-7

Kuulsad matemaatikud : universumi mõistatuste lahendajad

Flood, Raymond; Wilson, Robin; Olesk, Peeter 2014 https://www.ester.ee/record=b3056428*est

Kõigil on teadusest kasu

Soomere, Tarmo Postimees 2014 / Arvamus. Kultuur, lk. 5 <https://www.postimees.ee/3001247/tarmo-soomere-koigil-on-teadusest-kasu>

Kõneuuringud Küberneetika Instituudis - foneetikast kõnetehnoloogiani (EKT 70)

Meister, Einar Eesti-uuringute Tippkeskuse konverents "Eesti-uuringute interdistsiplinaarsed dialoogid" : 28. ja 29. aprillil 2016

Jõgeva jahimajas Trofee : ajakava. Ettekannete teesid 2016 / lk. 23

Kõrghariduse imperatiiv : majanduse teenrist ühiskonna ja kultuuri veduriks

Soomere, Tarmo Sirp 2015 / lk. 6-7 : fot

Küberneetika Instituut muutub ajas

2000 https://www.ester.ee/record=b1416233*est

Lagrangian timescales in the gulf of Finland

Viikmäe, Bert; Torsvik, Tomas 9th International Workshop on Modeling the Ocean (IWMO) : July 3-6, 2017, Yonsei University (Seoul, Korea) : [abstracts] 2017 / p. 30 http://docs.wixstatic.com/ugd/c8ad40_d041d85a16674a4a83f0bfd22351cbf9.pdf

Laineenergia ja selle kasutamise varjukülgedest Läänemeres

Eelsalu, Maris; Soomere, Tarmo Põlevad ja mittepõlevad energiaallikad = Combustible and non-combustible energy resources 2016 2016 / lk. 16-19 : ill http://ise.elnet.ee/record=b2918095~S2*est

Laser scanning reveals detailed spatial structure of sandy beaches

Eelsalu, Maris; Julge, Kalev; Grünthal, Erko; Ellmann, Artu; Soomere, Tarmo IUTAM Symposium on Complexity of Nonlinear Waves : book of abstracts 2014 / p. 45

Learning based personalized energy management systems for residential buildings

Soudari, Mallikarjun; Srinivasan, Seshadri; Balasubramanian, Subathra; **Vain, Jüri; Kotta, Ülle** Energy and buildings 2016 / p. 953-968 : ill <http://dx.doi.org/10.1016/j.enbuild.2016.05.059>

Legacy of Nikolai Alumäe : theory of shells

Engelbrecht, Jüri; Kutser, Mati Proceedings of the Estonian Academy of Sciences 2015 / p. 139-145
https://artiklid.elnet.ee/record=b2727446*est

Linearization by generalized input-output injections on homogeneous time scales

Ciulkin, Monika; Pawluszewicz, Ewa; **Kaparin, Vadim; Kotta, Ülle** 2016 21st International Conference on Methods and Models in Automation and Robotics (MMAR 2016) : Miedzydroje, Poland, 29 August - 1 September 2016 2016 / p. 48-53
<https://doi.org/10.1109/MMAR.2016.7575086>

Linearization by input-output injections on homogeneous time scales

Ciulkin, Monika; **Kaparin, Vadim; Kotta, Ülle**; Pawluszewicz, Ewa Proceedings of the Estonian Academy of Sciences 2014 / p. 387-397 https://artiklid.elnet.ee/record=b2707375*est

Linearization of discrete-time nonlinear control systems

Kaldmäe, Arvo Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK seitsmenda aastakonverentsi artiklite kogumik : 15.-16. novembril 2013, Haapsalu 2013 / p. 29-32

Logics for low-level code and proof-preserving program transformations = Loogikad madala taseme koodile ja tõestusi säilitavad programmeerimisendused

Saabas, Ando 2008 https://www.ester.ee/record=b2431341*est

Long wave dynamics in the coastal zone = Pikkade lainete dünaamika rannavööndis

Didenkulova, Irina 2008 <https://digi.lib.ttu.ee/i/?230> https://www.ester.ee/record=b2394485*est

Loodus ise hakkas Läänemerd päästma: lisandus poolsajandi suurim hapnikusüst

Kuusk, Hendrik; **Soomere, Tarmo** Eesti Päevaleht 2015 / lk. 7

Lõppsõna [Eesti TA üldkogu koosolekul 15. apr. 2015] : president Tarmo Soomere

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2015 2016 / lk. 110-111

Lähituleviku Eesti nägu : doktoriõppe väljakutsed kiiresti muutub maailmas

Soomere, Tarmo Õpetajate Leht 2015 / lk. 8 <https://opleht.ee/2015/04/lahituleviku-est-og-nagu-doktorioope-valjakutsed-kiiresti-muutub-maailmas/>

Läti keelel on teadustöös suurem roll kui eesti keelel

Haav, Hele-Mai; Kalja, Ahto; Nöges, Krõõt Mente et Manu 2014 / lk. 16-17 : fot https://artiklid.elnet.ee/record=b2674038*est

Läänemere ekstreemsete veetasemete põnev maailm = Intriguing world of extreme water levels in the Baltic Sea

Soomere, Tarmo Eesti statistika kvartalikirj = Quarterly bulletin of statistics Estonia 2016 / lk. 128-137 : ill
http://www.ester.ee/record=b2479604*est

Managing knowledge in Web portals for improved customer loyalty and satisfaction

Robal, Tarmo; Kalja, Ahto Proceedings of PICMET'13 : Technology Management in the IT-Driven Services : [July 28-August 1, 2013, San Jose, California, USA] 2013 / p. 1207-1216 : ill

Managing software engineering competences with domain ontology for customer and team profiling and training
Robal, Tarmo; Ojastu, Deniss; Kalja, Ahto; Jaakkola, Hannu PICMET '15 Conference : Management of the Technology Age : August 2-6, 2015, Portland, Oregon, USA : conference bulletin 2015 / p. 62

Managing software engineering competences with domain ontology for customer and team profiling and training
Robal, Tarmo; Ojastu, Deniss; Kalja, Ahto; Jaakkola, Hannu PICMET '15 : proceedings : Management of the Technology Age 2015 / p. 1369-1376 : ill <http://dx.doi.org/10.1109/PICMET.2015.7273171>

Mapping wave set-up near a complex geometric urban coastline
Soomere, Tarmo; Pindsoo, Katri; Bishop, S. R.; Käär, Arvo; Valdmann, Ain Natural hazards and earth system sciences discussions 2013 / p. 1651-1688 : ill

Marine sustainability in an age of changing oceans and seas
Thiede, Jörn; Aksnes, Dag; Bathmann, Ulrich; **Soomere, Tarmo** 2016 <http://doi.org/10.2760/224776>

Mathematical model of echolocation of fish-catching bats
Stulov, Anatoli Wave motion 2013 / p. 579-585 : ill

Measurement feedback disturbance decoupling in discrete-event systems
Kaldmäe, Arvo; Kotta, Ülle; Shumsky, Alexey; Zhirabok, Alexey International journal of robust and nonlinear control 2015 / p. 3330-3348 <http://dx.doi.org/10.1002/rnc.3265>

Measurement feedback disturbance decoupling in discrete-time nonlinear systems
Kaldmäe, Arvo; Kotta, Ülle; Shumsky, Alexey Ye.; Zhirabok, Alexey N. Automatica 2013 / p. 2887-2891 : ill

Measuring finite time compressibility from large simulated datasets : towards identification of areas of spontaneous patch formation in the Gulf of Finland
Giudici, Andrea; Soomere, Tarmo Databases and Information Systems : proceedings of the 11th International Baltic Conference, Baltic DB&IS 2014 : Tallinn, Estonia, 8-11 June, 2014 2014 / p. 441-446 : ill

Measuring the 2D residual surface stress mapping in tempered glass under the cooling jets : the influence of process parameters on the stress homogeneity and isotropy
Chen, Y.; Lochegnies, Dominique; Defontaine, R.; **Anton, Johan; Aben, Hillar;** Langlais, R. Strain: an international journal for experimental mechanics 2013 / p. 60-67 : ill

Mechanoenergetics of a single cardiomyocyte = Ühe südameraku mehaanoenergeetika
Kalda, Mari 2015 https://www.ester.ee/record=b4525654*est

Meenutusi akadeemik Maddisonist
Aben, Hillar Mente et Manu 2015 / lk. 16 : fot https://artiklid.elnet.ee/record=b2714602*est

Merelt lähtuvate ohtude kvantifitseerimine ja minimeerimine Läänemere ranniku kontekstis : kommentaar Eesti Vabariigi teaduse aastapreemia pälvinud tööde tsüklile
Soomere, Tarmo Tallinna Tehnikaülikooli aastaraamat 2013 2014 / lk. 170-190 : ill

Mereteaduste komisjon
Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2013 2014 / lk. 35-37

Mereteaduste komisjon
Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2014 2015 / lk. 33-34

Mereteaduste komisjon
Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2015 2016 / lk. 37-39

Metabolic flux analysis of compartmentalized systems using dynamic isotopologue modeling = Isotopoloogilise modelleerimise rakendamine heterogeensete bioloogiliste süsteemide ainevahetusvoo analüüsis
Schryer, David 2012 https://www.ester.ee/record=b2776763*est

Metallothionein 2A affects the cell respiration by suppressing the expression of mitochondrial protein cytochrome c oxidase subunit II
Bragina, Olga; Gurjanova, Karina; Krištál, Jekaterina; Kulp, Maria; Karro, Niina; Tõugu, Vello; Palumaa, Peep Journal of bioenergetics and biomembranes 2015 / p. 209-216 : ill <http://dx.doi.org/10.1007/s10863-015-9609-9>

Methods for Estonian large vocabulary speech recognition

Alumäe, Tanel 2006 http://www.ester.ee/record=b2196005*est

Methods for fibre orientation analysis of X-ray tomography images of steel fibre reinforced concrete (SFRC)

Herrmann, Heiko; Pastorelli, Emiliano; Kallonen, Aki; Suuronen, Jussi-Petteri Journal of materials science 2016 / p. 3772-3783 : ill <http://dx.doi.org/10.1007/s10853-015-9695-4>

Microinertia and internal variables

Berezovski, Arkadi; Van, Peter Continuum mechanics and thermodynamics 2016 / p. 1027-1037 <http://dx.doi.org/10.1007/s00161-015-0453-2>

Microstructure described by hierarchical internal variables

Engelbrecht, Jüri; Vendelin, Marko Rendiconti del Seminario Matematico (Università e Politecnico di Torino) 2000 / 83-91

Mida võib valitsuse haridus- ja teaduspoliitikas 2015. aastal olulisena välja tuua? : [vastab Tarmo Soomere]

Soomere, Tarmo Sirp 2015 / lk. 26

Miks ma mõtlen nii, nagu ma mõtlen : [intervjuu J.Engelbrechtiga]

Engelbrecht, Jüri Horisont 2005 / 5, lk. 20-26 : ill https://artiklid.elnet.ee/record=b2038103*est

Miks teadust nii vähe tootmise teenistusse kaasatakse?

Penjam, Jaan Maaleht 2014 / lk. 7

Milleks meile riik?

Tõugu, Enn Postimees 2013 / lk. 12 <https://www.postimees.ee/1095632/enn-tougu-milleks-meile-riik>

MIMO model of an industrial water boiler

Vansovitš, Vitali; Teplyakov, Aleksei; Belikov, Juri Doctoral School in Information and Communication Technology : proceedings of doctoral session of BEC 2014 : October 6-8 2014, Laulasmaa 2014 / p. 27-28 : ill

Minevikule toetudes tulevikku vaatamas : Tarmo Soomere inauguratsioonikõne : [Eesti] Teaduste Akadeemia

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2015 2016 / lk. 68-73

Mining and modelling web user engagement : a survey on academic sites for framework establishment [Electronic resource]

Robal, Tarmo; Kalja, Ahto PICMET '16 : Portland International Conference on Management of Engineering and Technology : proceedings. Technology Management for Social Innovation 2016 / p. 1942-1952 : ill. [USB] <https://doi.org/10.1109/PICMET.2016.7806759>

Mis oleks, ... kui me kuuleksime Higgsi bosonit?

Pilt, Ebe; Soomere, Tarmo Sirp 2016 / lk. 23 : fot <http://www.sirp.ee/s1-artiklid/c21-teadus/mis-oleks-kui-me-kuuleksime-higgsi-bosonit/>

Mis roll on Teie arvates tänapäeva eestikeelsel ja eestimeelsel teaduse populariseerimisel? : üksainus küsimus teaduse populariseerimisest

Soomere, Tarmo Horisont 2014 / lk. 4

Mismoodi on su vaimu seis? : [vastab ka Tarmo Soomere]

Soomere, Tarmo Sirp 2013 / lk. 3 : portr

Mittelineaarne dünaamika ja kompleksüsteemid : teaduslik ettekanne [Eesti TA üldkogu koosolekul 15. apr. 2015]

Engelbrecht, Jüri Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2015 2016 / lk. 80-86

Model based control of a water tank system

Belikov, Juri; Petlenkov, Eduard Proceedings of the 19th IFAC World Congress, 2014 : Cape Town, South Africa, 24-29 August 2014 2014 / p. 10838-10843 : ill

Model based framework for testing distributed systems

Pal, Deepak; Vain, Jüri Proceedings of the 8th Annual Conference of the Estonian National Doctoral School in Information and Communication Technologies : December 5-6, 2014, Rakvere 2014 / p. 91-94 : ill

Model matching problem for discrete-time nonlinear systems

Belikov, Juri; Halas, Miroslav; Kotta, Ülle; Moog, Claude Proceedings of the Estonian Academy of Sciences 2015 / p. 457-472 : ill https://artiklid.elnet.ee/record=b2750720*est

Model-based testing of reactive systems = Reaktiivsete süsteemide mudelipõhine testimine

Kull, Andres 2009 https://www.ester.ee/record=b2539853*est

Modelling 2D wave motion in microstructured solids

Sertakov, Ivan; Engelbrecht, Jüri; Janno, Jaan Mechanics research communications 2014 / p. 42-49 : ill

Modelling environmentally friendly fairways using Lagrangian trajectories : a case study for the Gulf of Finland, the Baltic Sea

Soomere, Tarmo; Berezovski, Mihhail; Quak, Ewald; Viikmäe, Bert Ocean Dynamics 2012 / p. 1669-1680 : ill

Modified constitutive equation for quasi-linear theory of viscoelasticity

Ravasoo, Arvi Journal of engineering mathematics 2013 / p. 111-118

Modified particle swarm optimization algorithm based on gravitational field interactions

Spitšakova, Margarita Proceedings of the Estonian Academy of Sciences 2016 / p. 15-27 : ill <http://dx.doi.org/10.3176/proc.2016.1.01>

Molecular dynamics study of bending deformation in fivefold twinned silver nanowires

Jögi, Jakob; Dorogin, Leonid; Kalda, Jaan TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

Monads need not be endofunctors

Altenkirch, Thorsten; Chapman, James; Uustalu, Tarmo Logical methods in computer science 2015 / p. 1-40

[http://dx.doi.org/10.2168/LMCS-11\(1:3\)2015](http://dx.doi.org/10.2168/LMCS-11(1:3)2015)

Multi-criteria evaluation approach to coastal vulnerability index development in micro-tidal low-lying areas

Bagdanavičiute, Ingrida; Kelpšaitė, Loreta; Soomere, Tarmo Ocean & coastal management 2015 / p. 124-135 : ill

<http://dx.doi.org/10.1016/j.ocecoaman.2014.12.011>

Multi-domain recurrent neural network language model for medical speech recognition

Tilk, Ottokar; Alumäe, Tanel Human language technologies - the Baltic perspective : proceedings of the sixth International Baltic Conference, Baltic HLT 2014 2014 / p. 149-152 : ill

Multi-pole modeling and intelligent simulation of a hydraulic drive with three-directional flow regulating valve

Harf, Mait; Grossschmidt, Gunnar Proceedings of the 10th International Conference of DAAAM Baltic Industrial Engineering, 12-13th May 2015, Tallinn, Estonia 2015 / p. 27-32 : ill

Multi-pole modeling and intelligent simulation of control valves of fluid power systems (part 1)

Harf, Mait; Grossschmidt, Gunnar Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 17-22 : ill

Multi-pole modeling and intelligent simulation of control valves of fluid power systems (part 2)

Harf, Mait; Grossschmidt, Gunnar Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 23-28 : ill

Multi-pole modeling and simulation of an electro-hydraulic servo-system in an intelligent programming environment

Harf, Mait; Grossschmidt, Gunnar International journal of fluid power 2016 / p. 1-13 : ill

<http://dx.doi.org/10.1080/14399776.2015.1110093>

Multi-pole modelling and intelligent simulation environment for fluid power systems

Harf, Mait; Grossschmidt, Gunnar ESM '2013 : The 2013 European Simulation and Modelling Conference, Modelling and Simulation : October 23-25, 2013, Lancaster University, Lancaster, UK : [proceedings] 2013 / p. 247-254

Mõtisklusi akadeemiast

Engelbrecht, Jüri Sirp 2014 / lk. 34-35 : fot <https://www.sirp.ee/s1-artiklid/c21-teadus/motisklusi-akadeemiast/>

Mötteraamat

Engelbrecht, Jüri 2014 https://www.ester.ee/record=b3082852*est

Nabla derivatives associated with nonlinear control systems on homogeneous time scales

Bartosiewicz, Zbigniew; Kotta, Ülle; Mullari, Tanel; Tönso, Maris; Pawluszewicz, Ewa; Wyrwas, Małgorzata Nonlinear analysis : modelling and control 2016 / p. 547-563 <http://dx.doi.org/10.15388/NA.2016.4.8>

A new approach to edge stress measurement in tempered glass panels

Aben, Hillar; Lochegnies, Dominique; Chen, Y.; Anton, Johan; Paemurru, Mart; Öis, Marella Experimental mechanics 2015 / p. 483-486 : ill <https://doi.org/10.1007/s11340-014-9950-7>

New generations of Estonian eGovernment components

Kalja, Ahto; Robal, Tarmo; Vallner, Uno PICMET '15 : proceedings : Management of the Technology Age 2015 / p. 625-631 : ill

New generations of Estonian eGovernment components

Kalja, Ahto; Robal, Tarmo; Vallner, Uno PICMET '15 Conference : Management of the Technology Age : August 2-6, 2015, Portland, Oregon, USA : conference bulletin 2015 / p. 93

New interpretation and generalization of the Kameda-Weiner method

Tamm, Hellis 43rd International Colloquium on Automata, Languages, and Programming (ICALP 2016) 2016 / p. 116:1-116:12
<http://dx.doi.org/10.4230/LIPICs.ICALP.2016.116>

NN-SANARX model based control of a multi tank liquid-level system

Belikov, Juri; Petlenkov, Eduard International journal of computational intelligence systems 2015 / p. 265-277
<http://dx.doi.org/10.1080/18756891.2015.1001950>

Non-linear analysis of the electro-encephalogram for detecting effects of low-level electromagnetic fields

Bachmann, Maie; Kalda, Jaan; Lass, Jaanus; Tuulik, Viuu; Säkki, Maksim; Hinrikus, Hiie Medical & biological engineering & computing 2005 / 1, p. 142-149 : ill

Nonlinear dispersive wave equations for microstructured solids

Berezovski, Arkadi Proceedings of the Estonian Academy of Sciences 2015 / p. 203-211 https://artiklid.elnet.ee/record=b2740520*est

Nonlinear dynamics of internal gravity waves in shallow seas = Siselainete mittelineaarne dünaamika madala vee lähenduses

Kurkina, Oxana 2012

Nonlinear effects at the initial stage of tsunami-wave development

Pelinovsky, Efim; Rodin, Artem Izvestiya, atmospheric and oceanic physics 2013 / p. 548-553 : ill

Nonlinear propagation and reflection of ultrasound - combining the numerical and analytical approach

Braunbrück, Andres; Ravasoo, Arvi 28th Nordic Seminar on Computational Mechanics, 22-23 October, Tallinn, 2015 : proceedings of the NSCM28 2015 / p. 39-42 : ill

Nonlinear sound generation mechanisms in musical acoustics = Helitekke mittelineaarsed mehhanismid muusikalises akustikas

Kartofelev, Dmitri 2014 https://www.ester.ee/record=b4412598*est

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

Braunbrück, Andres; Ravasoo, Arvi Wave motion 2016 / p. 108-120 : ill <http://dx.doi.org/10.1016/j.wavemoti.2015.08.006>

Nonlinear wave run-up in bays of arbitrary cross-section : generalization of the Carrier-Greenspan approach

Rybkin, Alexei; Pelinovsky, Efim; Didenkulova, Irina Journal of fluid mechanics 2014 / p. 416-432 : ill

Nonlinear waves and solitons in complex solids

Pastrone, Franco; Engelbrecht, Jüri Mathematics and mechanics of solids 2016 / p. 52-59 : ill
<http://dx.doi.org/10.1177/1081286515572245>

Non-parametric Bayesian models for computational morphology = Mittepameetrisilised Bayesi mudelid arvutusliku morfoloogia jaoks

Sirts, Kairit 2015 https://www.ester.ee/record=b4478296*est

Number of open mitochondrial voltage-dependent anion channels and intracellular diffusion coefficient in heart muscle

Simson, Päivo; Jepihhina, Natalja; Laasmaa, Martin; Branovets, Jelena; Peterson, Pearu; Birkedal Nielsen, Rikke; Vendelin, Marko Biophysical journal 2016 / p. 475a <https://doi.org/10.1016/j.bpj.2015.11.2540>

Numerical simulation of mechanical waves in biomembranes

Tamm, Kert; Peets, Tanel 28th Nordic Seminar on Computational Mechanics, 22-23 October, Tallinn, 2015 : proceedings of the NSCM28 2015 / p. 179-182 : ill

Numerical simulation of the propagation of ship-induced Riemann waves of depression into the Venice Lagoon

Rodin, Artem; Soomere, Tarmo; Parnell, Kevin Ellis; Zaggia, Luca Proceedings of the Estonian Academy of Sciences 2015 / p. 22-35 : ill https://artiklid.elnet.ee/record=b2717480*est

Numerical simulation of two-dimensional wave propagation in functionally graded materials

Berezovski, Arkadi; Engelbrecht, Jüri; Maugin, Gerard A. European journal of mechanics - A/Solids 2003 / p. 257-265 : ill

Numerical simulation of wave propagation in heterogeneous and microstructured materials = Lainelevi numbriline simulatsioon heterogeensetes ja mikrostruktuuriga materjalides

Berezovski, Mihhail 2010 http://www.ester.ee/record=b2604922*est

Numerical study for run-up of breaking waves of different polarities on a sloping beach

Rodin, Artem; Didenkulova, Irina; Pelinovsky, Efim Extreme ocean waves. 2nd ed 2016 / p. 155-172 https://doi.org/10.1007/978-3-319-21575-4_9

Nõukogud, komisjonid : ... Mereteaduste komisjon, ... Meteoriitika komisjon [jt.]

Soomere, Tarmo; Raukas, Anto Eesti Teaduste Akadeemia aastaraamat 2009 2010 / lk. 27-30
https://www.ester.ee/record=b1218094*est

Nähtav transport ja nähtamatud tökked Läänemere idarannikul

Soomere, Tarmo Meri 2016 / lk. 15-23

Näilik efektiivsus ja kvaliteet : projektipõhine teaduskorraldus taandab teadlased juhutöölisteks

Uustalu, Tarmo Sirp 2014 / lk. 34-35 <https://www.sirp.ee/s1-artiklid/c9-sotsiaalia/2014-01-09-14-40-08/>

Observable space of the nonlinear control system on a homogeneous time scale

Kaparin, Vadim; Kotta, Ülle; Wyrwas, Małgorzata Proceedings of the Estonian Academy of Sciences 2014 / p. 11-25
https://artiklid.elnet.ee/record=b2665198*est

Offering Hadoop as a cloud service [Electronic resource]

Astrova, Irina; Koschel, Arne; Henke, Mats Lennart; Nahle, Hassan Proceedings of 2016 SAI Computing Conference : 13-15 July, 2016, London, United Kingdom 2016 / p. 589-595 : ill. [USB] <https://doi.org/10.1109/SAI.2016.7556041>

Oluline on füüsikaline arusaamine maailma asjadest. Eesti-Soome maavõistlus füüsikas

Kree, Mihkel Horisont 2015 / lk. 58 : fot https://artiklid.elnet.ee/record=b2724365*est

On accessibility conditions for state space nonlinear control systems on homogeneous time scales

Bartosiewicz, Zbigniew; Kotta, Ülle; Mullari, Tanel; Tönso, Maris; Wyrwas, Małgorzata Systems & control letters 2016 / p. 8-13
<http://dx.doi.org/10.1016/j.sysconle.2016.09.018>

On controllability of switched linear systems on time scales

Belikov, Juri; Tepljakov, Aleksei 2015 European Control Conference (ECC) : July 15-17, 2015, Linz, Austria 2015 / p. 1736-1741
<http://dx.doi.org/10.1109/ECC.2015.7330788>

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 integrability of observable space for discrete-time polynomial control systems

Kawano, Yu; Kotta, Ülle IEEE transactions on automatic control 2015 / p. 1987-1991 <http://dx.doi.org/10.1109/TAC.2014.2365685>

On mathematical modelling of solitary pulses in cylindrical biomembranes

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel Biomechanics and modeling in mechanobiology 2015 / p. 159-167 : ill
<http://dx.doi.org/10.1007/s10237-014-0596-2>

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

On modelling of wave propagation in microstructured solids

Engelbrecht, Jüri; Berezovski, Arkadi Estonian journal of engineering 2013 / p. 171-182 https://artiklid.elnet.ee/record=b2632885*est

On proving the concept of an ontology aided software refactoring tool

Pöld, Janari; Robal, Tarmo; Kalja, Ahto Databases and information systems VII : selected papers from the tenth International Baltic Conference, DB&IS 2012 2013 / p. 84-94

On solitary waves in case of amplitude-dependent nonlinearity

Tamm, Kert; Peets, Tanel Chaos, solitons & fractals 2015 / p. 108-114 : ill <http://dx.doi.org/10.1016/j.chaos.2015.01.013>

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 stable cones of polynomials via reduced Routh parameters

Nurges, Ülo; Belikov, Juri; Artemtšuk, Igor Kybernetika 2016 / p. 461-477 <http://doi.org/10.14736/kyb-2016-3-0461>

On strong and statistical convergences in some families of summability methods

Šeletski, Anna; Tali, Anne Kangro - 100 : methods of analysis and algebra : international conference dedicated to the centennial of professor Gunnar Kangro : Tartu, Estonia, September 1-6, 2013 : book of abstracts 2013 / p. 121-122

On the charge carrier time-of-flight mobility and the ordering effects in the microcrystalline PEDOT/PSS complex : a morphology-based simulation study

Kaevand, Toomas; Kalda, Jaan; Lille, Ülo International journal of renewable energy and biofuels 2013 / p. 1-13 : ill

On the effect of finite-time correlations on the turbulent mixing in smooth chaotic compressible velocity fields

Ainsaar, Siim; **Kalda, Jaan** Proceedings of the Estonian Academy of Sciences 2014 / p. 1-7 : ill

https://artiklid.elnet.ee/record=b2717475*est

On the extraordinary strength of Prince Rupert's drops

Aben, Hillar; Anton, Johan; Õis, Marella; Viswanathan, K.; Chandrasekar, S.; Chaudhri, M. M. Applied physics letters 2016 / p. 231903-1 - 231903-4 : ill <http://dx.doi.org/10.1063/1.4971339>

On the finite-time compressibility of the surface currents in the Gulf of Finland, the Baltic Sea

Kalda, Jaan; Soomere, Tarmo; Giudici, Andrea Journal of marine systems 2014 / p. 56-65 : ill

On the influence of internal degrees of freedom on dispersion in microstructured solids

Tamm, Kert; Peets, Tanel Mechanics research communications 2013 / p. 106-111 : ill

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 influence of microstructure on heat conduction in solids

Berezovski, Arkadi International journal of heat and mass transfer 2016 / p. 516-520

<http://dx.doi.org/10.1016/j.ijheatmasstransfer.2016.07.085>

On the influence of the rheological boundary conditions on the fibre orientations in the production of steel fibre reinforced concrete elements

Herrmann, Heiko; Lees, Aarne Proceedings of the Estonian Academy of Sciences 2016 / p. 408-413 : ill

<http://dx.doi.org/10.3176/proc.2016.4.08>

On the inhomogeneity of residual stresses in tempered glass panels

Anton, Johan; Errapart, Andrei; Paemurru, Mart; Lochegnies, Dominique; Hödemann, Siim; **Aben, Hillar** Estonian journal of engineering 2012 / p. 3-11 : ill

On the Mindlin microelasticity in one dimension

Berezovski, Arkadi Mechanics research communications 2016 / p. 60-64 : ill <http://dx.doi.org/10.1016/j.mechrescom.2016.09.005>

On the occurrence of non-reflecting cross-shore profiles along Estonian coasts of the Baltic Sea

Didenkulova, Irina; Soomere, Tarmo; Pindsoo, Katri; Suuroja, Sten Estonian journal of engineering 2013 / p. 110-123 : ill

https://artiklid.elnet.ee/record=b2621591*est

On the topologic structure of economic complex networks : empirical evidence from large scale payment network of Estonia

Rendon de la Torre, Stephanie; Kalda, Jaan; Kitt, Robert; Engelbrecht, Jüri Chaos, solitons & fractals 2016 / p. 18-27 : ill

<http://dx.doi.org/10.1016/j.chaos.2016.01.018>

On the transformation of a nonlinear discrete-time input-output system into the strong row-reduced form

Bartosiewicz, Zbigniew; **Belikov, Juri; Kotta, Ülle; Tõnso, Maris; Wyrwas, Małgorzata** Proceedings of the Estonian Academy of Sciences 2016 / p. 220-236 <http://dx.doi.org/10.3176/proc.2016.3.02>

On the wave energy potential along the eastern Baltic Sea coast

Soomere, Tarmo; Eelsalu, Maris Renewable energy 2014 / p. 221-233 : ill

On wave propagation in laminates with two substructures

Berezovski, Mihail; Berezovski, Arkadi; Soomere, Tarmo; Viikmäe, Bert Estonian journal of engineering 2010 / 3, lk. 228-242 : ill

Ontology-driven development of personalized location based services

Haav, Hele-Mai; Kaljuvee, Aivi; **Luts, Martin**; Vajakas, Toivo Databases and Information Systems VI : selected papers from the Ninth International Baltic Conference : DB&IS 2010 2011 / p. 3-18

Ontology-driven scheduling system for manufacturing

Sanko, Jelena; Kotkas, Vahur Baltic journal of modern computing 2016 / p. 508-522 : ill

Operatsioonianalüüsist ja küberneetikast

Vaarmann, Otu Akadeemia 2015 / lk. 1983-1996 https://artiklid.elnet.ee/record=b2748881*est

Optimising fairways in the Gulf of Finland using patterns of surface currents = Laevateede optimeerimine Soome lahel pinnahoovuste mustrite põhjal

Viikmäe, Bert 2014

Optimizing ventricular fibers : uniform strain or stress, but not ATP consumption, leads to high efficiency

Vendelin, Marko; Bovendeerd, Peter; Engelbrecht, Jüri; Arts, Theo American journal of physiology - heart and circulatory physiology 2002 / p. H1072-H1081 : ill

Orientation of short steel fibres in concrete : measuring and modelling = Metallist lühikiudude orientatsioon betoonis : mõõtmine ja modelleerimine

Eik, Marika 2014 <https://digi.lib.ttu.ee/ii/?965> https://www.ester.ee/record=b3079293*est

Overview of the modular system for inference of finite state machines

Spitšakova, Margarita Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK seitsmenda aastakonverentsi artiklite kogumik : 15.-16. novembril 2013, Haapsalu 2013 / p. 95-98 : ill

Parameterization of run-up characteristics for long bell-shaped solitary waves propagating in a bay of parabolic cross-section

Didenkulov, Oleg; Didenkulova, Irina; Pelinovsky, Efim Proceedings of the Estonian Academy of Sciences 2015 / p. 234-239 : ill

Pattern formation of elastic waves and energy localization due to elastic gratings

Berezovski, Arkadi; Engelbrecht, Jüri; Berezovski, Mihhail International journal of mechanical sciences 2015 / p. 137-144 : ill
<http://dx.doi.org/10.1016/j.jimecsci.2015.07.027>

Perception of audiovisual speech produced by human and virtual speaker

Aller, Sven; Meister, Einar Human Language Technologies - the Baltic Perspective : proceedings of the Seventh International Conference, Baltic HLT 2016 2016 / p. 31-38 : ill <http://dx.doi.org/10.3233/978-1-61499-701-6-31>

Phenomenological and numerical modelling of short fibre reinforced cementitious composites

Herrmann, Heiko; Eik, Marika; Berg, Viktoria; Puttonen, Jari Meccanica 2014 / p. 1985-2000 : ill

Photoelastic tomography in linear and non-linear approximation = Fotoelastsustomograafia lineaarses ja mittelineaarses lähenduses

Errapart, Andrei 2012 <https://digi.lib.ttu.ee/ii/?721>

Pimedus horisondil : [teaduse rollist ühiskonna arengus]

Soomere, Tarmo KesKus 2015 / lk. 6-7 <http://kes-kus.ee/pimedus-horisondil/>

Polnud olemas ei aega ega ruumi, ja järsku tekkis maailm : [raamatu "Universumi suurejooneline ehitus" arvustus]

Tõugu, Enn Horisont 2013 / lk. 60 https://artiklid.elnet.ee/record=b2618351*est

Polynomial accessibility condition for the multi-input multi-output nonlinear control system

Kotta, Ülle; Tõnso, Maris; Kawano, Yu Proceedings of the Estonian Academy of Sciences 2014 / p. 136-150
https://artiklid.elnet.ee/record=b2673962*est

Polynomial methods for nonlinear control systems = Polünoommeetodid mittelineaarsetes juhtimissüsteemides

Belikov, Yuri 2012 http://www.ester.ee/record=b2854462*est

POS induction with distributional and morphological information using a distance-dependent Chinese restaurant process

Sirts, Kairit; Eisenstein, Jacob; Elsen, Micha; Goldwater, Sharon The 52nd Annual Meeting of the Association for Computational Linguistics : ACL 2014, June 22-27, Baltimore : proceedings of the conference. Volume 2, Short papers 2014 / p. 265-271

The potential of current- and wind-driven transport for environmental management of the Baltic Sea

Soomere, Tarmo; Döös, Kristofer; Lehmann, Andreas Ambio 2014 / p. 94-104 : ill

Preface

Haav, Hele-Mai; Kalja, Ahto; Robal, Tarmo Databases and information systems VIII : selected papers from the Eleventh International Baltic Conference, DB&IS 2014 2014 / p. v

Preface

Penjam, Jaan Proceedings of the Estonian Academy of Sciences 2013 / p. 1-2

Preface

Engelbrecht, Jüri; Maugin, Gerard Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2003 / p. 3-4
https://www.ester.ee/record=b1072098*est

Preface

Soomere, Tarmo; Quak, Ewald Preventive methods for coastal protection : towards the use of ocean dynamics for pollution control 2013 / p. xi-xii

Preventive management of undesired changes in alongshore sediment transport in the planning of a waterfront infrastructure

Käärd, Arvo; Valdmann, Ain; **Eelsalu, Maris**; **Pindsoo, Katri**; **Männikus, Rain**; **Soomere, Tarmo** The Sustainable City XI 2016 / p. 419-430 : ill <http://doi.org/10.2495/SC160361>

Preventive methods for coastal protection : towards the use of ocean dynamics for pollution control

2013

Proceedings of the Estonian Academy of Sciences. Engineering = Eesti Teaduste Akadeemia toimetised. Tehnikateadused. Special issue on biomedical engineering

2004 http://www.ester.ee/record=b1072102*est

Production of Estonian quantity contrasts by Japanese speakers

Meister, Einar; **Nemoto, Rena**; **Meister, Lya** Kõneuurimise suundi = Aspects of speech studies 2015 / p. 79-96 : ill

Professor Andrus Salupere : valimisplatvorm

Salupere, Andrus Mente et Manu 2015 / lk. 8-11 : portr https://artiklid.elnet.ee/record=b2721094*est

Progress in tsunami science in light of the 2004 and 2011 tsunamis

2015 https://www.nat-hazards-earth-syst-sci.net/special_issue209.html

Promoting Estonian speech technology: from resources to prototypes

Meister, Einar 2003 https://www.ester.ee/record=b1801643*est

Propagation and run-up of nonlinear solitary surface waves in shallow seas and coastal areas = Pikkade mittelineaarsete lainete dünaamika ja lainerünnak

Rodin, Artem 2015 https://www.ester.ee/record=b4467039*est

Propagation of deformation waves in wool felt

Kartofelev, Dmitri; **Stulov, Anatoli** Acta mechanica 2014 / p. 3103-3113 : ill

Propagation regimes of interfacial solitary waves in a three-layer fluid

Kurkina, Oxana; Kurkin, Andrey; Rouvinskaya, Ekaterina; **Soomere, Tarmo** Nonlinear processes in geophysics 2015 / p. 117-132
<https://doi.org/10.5194/npg-22-117-2015>

Provably correct test development for timed systems

Vain, Jüri; **Anier, Aivo**; **Halling, Evelin** Databases and information systems VIII : selected papers from the Eleventh International Baltic Conference, DB&IS 2014 2014 / p. 289-302 : ill

Provably correct test generation for online testing of timed systems

Vain, Jüri; **Anier, Aivo**; **Halling, Evelin** Databases and Information Systems : proceedings of the 11th International Baltic Conference, Baltic DB&IS 2014 : Tallinn, Estonia, 8-11 June, 2014 2014 / p. 337-348 : ill

Purely functional incremental computing

Firsov, Denis; **Jeltsch, Wolfgang** Programming Languages : 20th Brazilian Symposium, SBLP 2016, Maringa, Brazil, September 22-23, 2016 : proceedings 2016 / p. 62-77 : ill https://doi.org/10.1007/978-3-319-45279-1_5

Põrdepunkt Eesti teaduses : uurimisprogrammide klastrist projektiteaduseks

Soomere, Tarmo Sirp 2014 / lk. 42-43 <https://sirp.ee/s1-artiklid/c9-sotsiaalia/2014-06-19-15-45-40/>

Quantification and characterization of mesoscale eddies with different automatic identification algorithms

Viikmäe, Bert; **Torsvik, Tomas** Journal of coastal research 2013 / p. 2077-2082 : ill

Quantification of changes in the beach volume by applying an inverse Bruun's Rule and laser scanning technology in Piritä Beach, Tallinn Bay

Eelsalu, Maris; Soomere, Tarmo; Julge, Kalev Climate modelling and impacts from the global to the regional to the urban scale : an international scientific seminar at HafenCity University Hamburg, 10 March 2015 : poster abstracts 2015 / p. 8

Quantification of changes in the beach volume by the application of an inverse of the Bruun Rule and laser scanning technology

Eelsalu, Maris; Soomere, Tarmo; Julge, Kalev Proceedings of the Estonian Academy of Sciences 2015 / p. 240-248 : ill
https://artiklid.elnet.ee/record=b2740531*est

Quantification of spontaneous current-induced patch formation in the marine surface layer = Spontaanne laikude formeerumine mere pinnahoovuste mõjul

Giudici, Andrea 2015 <https://digi.lib.ttu.ee/i/?1871> https://www.ester.ee/record=b4446070*est

Quantification of the evolution of a small beach applying laser scanning technology

Eelsalu, Maris; Julge, Kalev; Soomere, Tarmo; Grünthal, Erko Baltic Earth - Gulf of Finland Year 2014 Modelling Workshop : Modelling as a tool to ensure sustainable development of the Gulf of Finland-Baltic Sea ecosystem : Finnish Environment Institute SYKE, Helsinki, 24-25 November 2014 : Programme, abstracts, participants 2014 / p. 10

Questions about elastic waves

Engelbrecht, Jüri 2015 https://www.ester.ee/record=b4467528*est

Quo vadis : research in Estonia

Engelbrecht, Jüri Estonia : member state of NATO and the EU : international business handbook 2007-2008 2007 / p. 163-170 : ill., portr https://www.ester.ee/record=b2288232*est

Quotienting the delay monad by weak bisimilarity

Chapman, James; Uustalu, Tarmo; Veltri, Niccolo 21st International Conference on Types for Proofs and Programs, TYPES 2015 : Tallinn, Estonia, 18-21 May 2015 : abstracts 2015 / p. 38-39

Rahvusvaheline füüsikaolümpiaad Eestis

Kikas, Jaak; Kalda, Jaan Eesti Füüsika Seltsi aastaraamat 2012 2013 / lk. 6-7

Random walks of oriented particles on fractals

Haber, René; Prehl, Janett; Hoffmann, Karl Heinz; Herrmann, Heiko Journal of physics A : mathematical and theoretical 2014 / p. 1-14 : ill

Rannad kujunevad ümber nädalate või isegi päevadega

Soomere, Tarmo Meie Maa 2015 / lk. 5

Rannaprotsesside anatoomia laserskaneerimise skalpelliga

Eelsalu, Maris; Ellmann, Artu; Julge, Kalev; Märdla, Silja; Soomere, Tarmo Kaugseire Eestis 2014 : artiklikogumik 2014 / lk. 47-58 : ill., kaart

Realizability of bilinear input-output differential equations in the classigal [i.e. classical] state-space form

Kotta, Ülle; Mullari, Tanel; Kotta, Palle; Zinober, Alan 5th Junior European Meeting on Control & Information Technology : September 20-22, 2006, Tallinn, Estonia : book of abstracts 2006 / p. 18

Realization and identification of discrete-time nonlinear systems

Nõmm, Sven 2004 https://www.ester.ee/record=b1910554*est

Realization of nonlinear MIMO system on homogeneous time scales

Belikov, Juri; Kotta, Ülle; Tõnso, Maris European journal of control 2015 / p. 48-54 <http://dx.doi.org/10.1016/j.ejcon.2015.01.006>

Real-time determination of sarcomere length of a single cardiomyocyte during contraction

Peterson, Pearu; Kalda, Mari; Vendelin, Marko American journal of physiology - cell physiology 2013 / p. C519-C531 : ill

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

Janno, Jaan; Šeletski, Anna Wave motion 2015 / p. 15-25 : ill <http://dx.doi.org/10.1016/j.wavemoti.2014.08.005>

Refactoring - key to success for constantly developed projects [Electronic resource]

Põld, Janari; Kalja, Ahto; Robal, Tarmo Proceedings of the 26th International Conference on Information Modelling and Knowledge Bases - EJC 2016 : June 6-10, 2016, Tampere, Finland 2016 / p. 15-24. [USB]

Reflection segments based robust PID controller solution for benchmark problem

Avanessov, Sergei; Nurges, Ülo 2014 22nd Mediterranean Conference on Control and Automation (MED) : University of Palermo, June 16-19, 2014, Palermo, Italy 2014 / p. 1406-1411 : ill

Regime shifts in the surface-level average air flow over the Gulf of Finland during 1981-2010

Keevallik, Sirje; Soomere, Tarmo Proceedings of the Estonian Academy of Sciences 2014 / p. 428-437 : ill
https://artiklid.elnet.ee/record=b2707382*est

Relative monads formalised

Altenkirch, Thorsten; **Chapman, James; Uustalu, Tarmo** Journal of formalized reasoning 2014 / p. 1-43

Relaxing realizability conditions for discrete-time nonlinear systems

Kotta, Ülle; Schlahter, Kurt; **Tönso, Maris** Automatica 2015 / p. 67-71 <http://dx.doi.org/10.1016/j.automatica.2015.05.007>

Restricted ADP movement in cardiomyocytes : cytosolic diffusion obstacles are complemented with a small number of open mitochondrial voltage-dependent anion channels

Simson, Päivo; Jepihhina, Natalja; Laasmaa, Martin; Peterson, Pearu; Birkedal Nielsen, Rikke; Vendelin, Marko Journal of molecular and cellular cardiology 2016 / p. 197-203 : ill <https://doi.org/10.1016/j.yjmcc.2016.04.012>

Revealing aspects of cardiac function from fluorescence and electrophysiological recordings = Südametallituse uuringud fluorestsentsi ja elektrofüsioloogiliste mõõtmiste abil

Laasmaa, Martin 2016 http://www.ester.ee/record=b4632325*est <https://digikogu.taltech.ee/et/Item/5e9f5bd2-8295-4f7e-8f6d-65d0b8002a74>

Revealing calcium fluxes by analyzing inhibition dynamics in action potential clamp

Laasmaa, Martin; Birkedal Nielsen, Rikke; Vendelin, Marko Journal of molecular and cellular cardiology 2016 / p. 93-108 : ill
<http://dx.doi.org/10.1016/j.yjmcc.2016.08.015>

Rikkus maapõues. Esivanemate pärandus või laen lastelt.

Soomere, Tarmo; Varblane, Urmas Postimees 2015 / Arvamus. Kultuur. Lk. 2-3. <https://arvamus.postimees.ee/3680773/rikkus-maapoues-esivanemate-parandus-voi-laen-lastelt>

Robot swarms

Vain, Jüri Integrated systems and design : interstudy, May 9, 2008 2008 / p. 54-64 : ill

Robust FOPI and FOPID controller design for FFOPDT plants in embedded control applications using frequency-domain analysis

Tepljakov, Aleksei; Petlenkov, Eduard; Belikov, Juri 2015 American Control Conference : Hilton Palmer House, Chicago, IL, July 1-3, 2015 2015 / p. 3868-3873 : ill <http://dx.doi.org/10.1109/ACC.2015.7171933>

Robust pole assignment via Routh rays of polynomials

Artemtšuk, Igor; Nurges, Ülo; Belikov, Juri 2016 American Control Conference (ACC) : July 6-8, Boston, MA, USA 2016 / p. 7031-7036 : ill <http://doi.org/10.1109/ACC.2016.7526781>

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

Rogue waves in the basin of intermediate depth and the possibility of their formation due to the modulational instability

Didenkulova, Irina; Nikolkina, Irina; Pelinovsky, Efim JETP letters 2013 / p. 194-198 : ill

Run-up of long solitary waves of different polarities on a plane beach

Didenkulova, Irina; Pelinovsky, Efim; Didenkulov, Igor Izvestiya, atmospheric and oceanic physics 2014 / p. 532-538 : ill

Scalable medical viewer for virtual reality environments

Ricciardi, Francesco; **Pastorelli, Emiliano**; De Paolis, Lucio Tommaso; **Herrmann, Heiko** Augmented and Virtual Reality : second International Conference, AVR 2015, Lecce, Italy, August 31 - September 3, 2015 : proceedings 2015 / p. 233-243 : ill
http://dx.doi.org/10.1007/978-3-319-22888-4_17

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

Search for the Pareto point with max-min approach

Tauts, Ants; Krumm, Lembit; Vaarmann, Otu 61st Meeting of the European Working "Multiple Criteria Decision Aiding" : March

Securing class initialization in Java-like languages

Rafnsson, Willard; **Nakata, Keiko**; Sabelfeld, Andrei IEEE transactions on dependable and secure computing 2013 / p. 1-13

Sediment pool of the Mustjõe Stream, Tallinn, Estonia [Online resource]

Käär, Arvo; Valdmann, Ain; **Soomere, Tarmo** [36th IAHR World Congress : 28 June–3 July, 2015 Delft–The Hague, the Netherlands : proceedings : all contents] 2015

Sediment transport patterns along the eastern coasts of the Baltic Sea = Settetranspordi mustrid Läänemere idarannikul

Viška, Maija 2014 https://www.ester.ee/record=b4419095*est

See, kuidas otsustame, mis on hea teadus, on sama tähtis kui hea teadus ise

Soomere, Tarmo Postimees 2017 / AK, lk. 7

Seitse aastat soosingut

Uustalu, Tarmo Mente et Manu 2015 / lk. 9-11 : fot https://artiklid.elnet.ee/record=b2741003*est

Separation of the Baltic Sea water level into daily and multi-weekly components

Soomere, Tarmo; Eelsalu, Maris; Kurkin, Andrey; Rybin, Artem Continental shelf research 2015 / p. 23-32 : ill., map
<http://dx.doi.org/10.1016/j.csr.2015.04.018>

17th International conference on "Mathematical Modelling and Analysis" : June 6-9, 2012, Tallinn, Estonia : abstracts

2012 http://www.ester.ee/record=b2856237*est

Ship waves as a simple model of tsunamis and monster waves

Soomere, Tarmo 5th Junior European Meeting on Control & Information Technology : September 20-22, 2006, Tallinn, Estonia : book of abstracts 2006 / p. 2

Ship-induced solitary Riemann waves of depression in Venice Lagoon

Parnell, Kevin Ellis; Soomere, Tarmo; Zaggia, Luca; **Rodin, Artem**; Lorenzetti, Giuliano; Rapaglia, John; Scarpa, Gian Marco Physics letters A 2015 / p. 555-559 : ill <http://dx.doi.org/10.1016/j.physleta.2014.12.004>

Shock wave propagation in nonlinear microstructured wool felt

Stulov, Anatoli; Erofeev, Vladimir Proceedings of the Estonian Academy of Sciences 2015 / p. 361-367 : ill
https://artiklid.elnet.ee/record=b2740570*est

Simulated and observed reversals of wave-driven alongshore sediment transport at the eastern Baltic Sea coast

Viška, Maija; Soomere, Tarmo Baltica 2013 / p. 145-156 : ill

Simulated wave-driven sediment transport along the eastern coast of the Baltic Sea

Soomere, Tarmo; Viška, Maija Journal of marine systems 2014 / p. 96-105 : ill

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

Single slit diffraction : from optics to elasticity

Berezovski, Arkadi; Engelbrecht, Jüri Wave motion 2016 / p. 35-45 : ill <http://dx.doi.org/10.1016/j.wavemoti.2015.09.002>

Single-experiment observability decomposition of discrete-time analytic systems

Kawano, Yu; **Kotta, Ülle** Systems & control letters 2016 / p. 193-199 <http://dx.doi.org/10.1016/j.sysconle.2016.09.016>

Smart analysis of water level extremes reveals hidden features of climate change

Soomere, Tarmo Mathematical modelling and analysis 2016 : abstracts 2016 / p. 70 http://www.ester.ee/record=b4573512*est

Software technology for cyber security simulations = Tarkvaratehnika küberturbe simulatsioonide jaoks

Ojamaa, Andres 2016 http://www.ester.ee/record=b4640099*est

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

Solitonide kohtumine - õrn embus või vihane võitlus?

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

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

Some approximate Gauss–Newton-type methods for nonlinear ill-posed problems

Kangro, Inga; Kangro, Raul; Vaarmann, Otu Proceedings of the Estonian Academy of Sciences 2013 / p. 227-237
https://artiklid.elnet.ee/record=b2651797*est

Spatial pattern of current-driven hits to the nearshore from a major marine fairway in the Gulf of Finland

Viikmäe, Bert; Soomere, Tarmo Journal of marine systems 2014 / p. 106-117 : ill

Spatial variability in the trends in extreme storm surges and weekly-scale high water levels in the eastern Baltic Sea

Soomere, Tarmo; Pindsoo, Katri Continental shelf research 2016 / p. 53-64 : ill <http://dx.doi.org/10.1016/j.csr.2015.12.016>

Spatial variation of statistical properties of extreme water levels along the eastern Baltic Sea

Pindsoo, Katri; Soomere, Tarmo; Rocha, Eugenio Geophysical research abstracts 2016 / p. EGU2016-9679

Spatial variation of statistical properties of extreme water levels along the eastern Baltic Sea coast

Pindsoo, Katri; Eelsalu, Maris; Soomere, Tarmo 1st Baltic Earth Conference Multiple Drivers for Earth System Changes in the Baltic Sea Region : Nida, Curonian Spit, Lithuania, 13-17 June 2016 : conference proceedings 2016 / p. 126-127 : ill http://www.baltic-earth.eu/events/nida2016/material/BalticEarth_Nida2016_Proceedings.pdf

Spatial variations of wave loads and closure depths along the coast of the eastern Baltic Sea

Soomere, Tarmo; Viška, Maija; Eelsalu, Maris Estonian journal of engineering 2013 / p. 93-109 : ill
https://artiklid.elnet.ee/record=b2621589*est

Stable cones of polynomials via Routh rays

Artemtšuk, Igor; Nurges, Ülo; Belikov, Juri; Kaparin, Vadim Proceedings of the 2015 20th International Conference on Process Control (PC) : Hotel Sorea Trigan Banik, Štrbske Pleso, Slovakia, June 9-12, 2015 2015 / p. 255-260 : ill
<http://dx.doi.org/10.1109/PC.2015.7169972>

Stable cones of polynomials via Routh rays

Artemtšuk, Igor; Nurges, Ülo; Belikov, Juri; Kaparin, Vadim 20th International Conference on Process Control 2015 : June 9-12, 2015, Štrbske Pleso, Slovak Republic : summaries volume 2015 / p. 33

Stateful runners of effectful computations

Uustalu, Tarmo Electronic notes in theoretical computer science 2015 / p. 403-421 <http://dx.doi.org/10.1016/j.entcs.2015.12.024>

Static state feedback linearization of nonlinear control systems on homogeneous time scales

Bartosiewicz, Zbigniew; Kotta, Ülle; Tönso, Maris; Wyrwas, Małgorzata Mathematics of control, signals, and systems 2015 / p. 523-550 <http://dx.doi.org/10.1007/s00498-015-0150-5>

Statistical characteristics of coefficients of a cubic approximation of isotherms of surface active substance films

Averbukh, Elena; Talipova, Tatyana; Kurkin, Andrey; Soomere, Tarmo Proceedings of the Estonian Academy of Sciences 2014 / p. 417-427 : ill

Statistics of Lagrangian transport reveals hidden features of velocity fields

Soomere, Tarmo Preventive methods for coastal protection : towards the use of ocean dynamics for pollution control 2013 / p. 283-318 : ill

Stress-strain relations for steel fiber reinforced concrete based on the orientation tensor of the fibers

Herrmann, Heiko European Mechanics of Materials Conference (EMMC15) : September 7th-9th, 2016, Brussels 2016 / [1] p

A study on effective knowledge reuse in multi-platform web applications user interfaces

Marenkov, Jevgeni; Robal, Tarmo; Kalja, Ahto PICMET '15 : proceedings : Management of the Technology Age 2015 / p. 1351-1361 : ill <https://doi.org/10.1109/PICMET.2015.7273083>

Surjective cellular automata far from the Garden of Eden

Capobianco, Silvio; Guillon, Pierre; Kari, Jarkko Discrete mathematics and theoretical computer science 2013 / p. 41-60 : ill

Sõnavõtt [Eesti TA üldkogu istungil 2. detsembril 2015] : president Tarmo Soomere

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2015 2016 / lk. 120-125

Sõru sadama kai nr 1 pikendamise mõju setete transpordile

Männikus, Rain; Torsvik, Tomas; Soomere, Tarmo 2015 https://www.ester.ee/record=b4527867*est

Südameasjad

Lemba, Maris; Kongas, Olav; Vendelin, Marko Noored teaduses 2000 / lk. 62-66 : portr https://artiklid.elnet.ee/record=b2111022*est

Südameraku sisestruktuuri uurimine molekulaarse müra abil

Simson, Päivo; Vendelin, Marko Tallinna Tehnikaülikooli aastaraamat 2013 2014 / lk. 253-256

Tarmo Soomere : inimkonna arengut hakkab piirama vesi

Kerge, Rainer; Soomere, Tarmo Õhtuleht 2016 / lk. 18-19

Tarmo Soomere : teadlased ei suuda ise nii kõvasti karjuda, et ühiskond kuuleks

Jaakson, Marta; Soomere, Tarmo Eesti Päevaleht 2016 / lk. 4

Tarmo Soomere: mitte katastroofi- või õhinapõhine, vaid teadus- ja teadmispõhine lähenemine aitab : [Pariisi kliimakonverentsist]

Soomere, Tarmo Õhtuleht 2015 / lk. 13 <https://www.ohuleht.ee/709443/tarmo-soomere-mitte-katastroofi-voi-ohinapohine-vaid-teadus-ja-teadmispohine-lahenemine-aitab>

Tarmo Soomere: "Tõde on liiga keeruline"

Soomere, Tarmo Eesti Ekspress 2016 / lk. 24-27 : fot

Teadlane peab julgema eksida : [Ülle Kotta : TTÜ küberneetika instituudi teadur, kes 1996. aastal pälvis pika teadurikarjääri tunnustusena Eesti Vabariigi teaduspreemia]

Helme, Kristi; Kotta, Ülle Mente et Manu 2013 / lk. 6-8 : fot

Teadmispõhine Eesti : Eesti teadus- ja arendustegevuse ning innovatsiooni strateegia 2007-2013

2007 https://www.ester.ee/record=b2265245*est

Teadus ja väärtus

Uustalu, Tarmo Teadusmõtte Eestis (VIII). Teaduskultuur : [artiklikogumik] 2013 / lk. 10-15 : portr

Teadus ühiskonna arengukiirendina : [vestlus Eesti Teaduste Akadeemia presidendi Tarmo Soomerega]

Soomere, Tarmo Sirp 2016 / lk. 7-9 : fot

Teaduse ja raha muutuvad suhted

Soomere, Tarmo Teadusmõtte Eestis (VIII). Teaduskultuur : [artiklikogumik] 2013 / lk. 24-37 : portr

Teaduse järelkasv teadusreformi järellainetuses

Soomere, Tarmo Sirp 2014 / lk. 34-35 : fot <https://www.sirp.ee/s1-artiklid/c9-sotsiaalia/2014-08-20-13-18-58/>

Teaduse populariseerimise kiiresti muutuv kunst

Pilt, Ebe; Soomere, Tarmo Õpetajate leht 2016 / lk. 14

Teaduse sees ja ümber

Engelbrecht, Jüri Teadusmõtte Eestis (VIII). Teaduskultuur : [artiklikogumik] 2013 / lk. 62-72 : portr

Teaduse vastutus - teadlase vastutus

Kello, Karl; Soomere, Tarmo Õpetajate Leht 2015 / lk. 19 <https://opleht.ee/2015/09/teaduse-vastutus-teadlase-vastutus/>

Teadusmõtte Eestis (VIII). Teaduskultuur : [artiklikogumik]

2013 https://www.ester.ee/record=b3010418*est

Teadusmõtte Küberneetika Instituudis

2010 http://www.ester.ee/record=b2613199*est

Teaduspreemia pikaajalise tulemusliku teadus- ja arendustöö eest : Jüri Engelbrecht. Mittelineaarne dünaamika ja kompleksüsteemid

Engelbrecht, Jüri Eesti Vabariigi preemiad : teadus. F. J. Wiedemanni keeleauhind. Kultuur. Sport 2015 / lk. 12-33 : ill., portr

Teaduspreemia tehnikateaduste alal uurimuste tsükli "Merelt lähtuvate ohtude kvalifitseerimine ja minimeerimine Läänemere ranniku kontekstis" eest [Tarmo Soomere'le]

Soomere, Tarmo Eesti Vabariigi teaduspreemiad 2013 2013 / lk. 64-115 : portr

Teaduspreemia täppisteaduste alal tööde tsükli "Matemaatilised struktuurid funktsionaalprogrammeerimises" eest :
Tarmo Uustalu

Uustalu, Tarmo Eesti Vabariigi preemiad : teadus. F. J. Wiedemanni keeleauhind. Kultuur. Sport 2015 / lk. 52-62 : portr

Teaduspreemiate komisjoni esimehe tervitus, laureaatide tutvustus : akadeemik Tarmo Soomere

Soomere, Tarmo Eesti Vabariigi preemiad 2016 : teadus. F. J. Wiedemanni keeleauhind. Kultuur. Sport 2016 / lk. 12-19

Teadusseltsid ja õpetatud seltsid nähtavamaks

Soomere, Tarmo Eesti Geograafia Seltsi aastaraamat = Year-book of the Estonian Geographical Society. 41. kd 2016 / lk. [7]-10
http://ise.elnet.ee/record=b2884730~S2*est

Technology of integrated photoelasticity for residual stress measurement in glass articles of axisymmetric shape =
Integraalse fotoelastsuse tehnoloogia jääkpingete määramiseks telgsümmeetrilistes klaasobjektides

Anton, Johan 2008 http://www.ester.ee/record=b2394498*est

Teerajaja ja innustaja : [akadeemik Nikolai Alumäe]

Engelbrecht, Jüri Horisont 2013 / lk. 12-13 : fot https://artiklid.elnet.ee/record=b2634351*est

Temporal scale for nearshore of current-driven pollution in the Gulf of Finland

Viikmäe, Bert; Soomere, Tarmo; Torsvik, Tomas 8th International Workshop on Modeling the Ocean (IWMO 2016) : Bologna, Italy, June 07-10, 2016 : book of abstracts 2016 / p. 23-25

Temporal scales for nearshore hits of current-driven pollution in the Gulf of Finland

Viikmäe, Bert; Soomere, Tarmo Marine pollution bulletin 2016 / p. 77-86 : ill <http://dx.doi.org/10.1016/j.marpolbul.2016.03.025>

Temporal scales for nearshore hits of current-driven pollution in the Gulf of Finland

Viikmäe, Bert 28th Nordic Seminar on Computational Mechanics, 22-23 October, Tallinn, 2015 : proceedings of the NSCM28 2015 / p. 187-190

The Baltic Way Project

Soomere, Tarmo Preventive methods for coastal protection : towards the use of ocean dynamics for pollution control 2013 / p. xiii-xiv

The connection between different static state feedback linearizability conditions of discrete time nonlinear control systems

Mullari, Tanel; Kotta, Ülle; Tönso, Maris Proceedings of the European Control Conference 2007, Kos, Greece, July 2-5, 2007 2007 / p. 4268-4275 <http://ieeexplore.ieee.org/document/7068444/>

The effect of approximation accuracy of the orientation distribution function on the elastic properties of short fibre reinforced composites

Eik, Marika; Puttonen, Jari; Hermann, Heiko Composite structures 2016 / p. 12-18 : ill
<http://dx.doi.org/10.1016/j.compstruct.2016.03.046>

5th International Conference on Optimal [i.e. Operational] Research "Simulation and Optimization in Business and Industry" : May 17-20, 2006, Tallinn, Estonia : programme and abstracts

2006 http://www.ester.ee/record=b2146103*est

The Gulf of Finland, its hydrography and circulation dynamics

Myrberg, Kai; Soomere, Tarmo Preventive methods for coastal protection : towards the use of ocean dynamics for pollution control 2013 / p. 181-222 : ill

The importance of wide-field foreground removal for 21 cm cosmology : a demonstration with early MWA epoch of reionization observations

Pober, J. C.; Hazelton, B. J.; Beardsley, A. P.; Kudryavtseva, Nadezhda The astrophysical journal 2016 / art. 8, p. 1-13
<http://doi.org/10.3847/0004-637X/819/1/8>

The most prominent software development concepts cited in IT professionals' blogs

Ojastu, Deniss; Robal, Tarmo; Kalja, Ahto Perspectives in business informatics research : 14th International Conference, BIR 2015, Tartu, Estonia, August 26-28, 2015 : proceedings 2015 / p. 197-212 http://dx.doi.org/10.1007/978-3-319-21915-8_13

The 'Physics Cup' : interesting problems are difficult

Kalda, Jaan European journal of physics 2013 / p. S3-S-14 : ill

The sum of the parts : ALLEA and academies

Engelbrecht, Jüri; Mann, Nicholas 2011 https://www.ester.ee/record=b2889444*est

28th Nordic Seminar on Computational Mechanics, 22-23 October, Tallinn, 2015 : proceedings of the NSCM28
2015 https://www.ester.ee/record=b4510264*est

25th Nordic Workshop on Programming Theory NWPT 2013 : Tallinn, Estonia, 20-22 November 2013 : abstracts [Electronic resource]
2013 https://www.ester.ee/record=b3039924*est

Theory of automata

Brzozowski, Janusz; **Tamm, Hellis** Theoretical computer science 2014 / p. 13-27 : ill

Thermodynamic approach to generalized continua

Van, Peter; **Berezovski, Arkadi**; Papenfuss, Christina Continuum mechanics and thermodynamics 2014 / p. 403-420

Thermoelastic waves in microstructured solids

Berezovski, Arkadi; Berezovski, Mihail Continuous media with microstructure 2 2016 / p. 137-150 https://doi.org/10.1007/978-3-319-28241-1_9

Thermoelasticity with dual internal variables

Berezovski, Arkadi; Engelbrecht, Jüri; Maugin, Gerard A. Journal of thermal stresses 2011 / p. 413-430
<https://www.tandfonline.com/doi/full/10.1080/01495739.2011.564000>

Three-dimensional tsunami runup simulation for the port of Koborinai on the Sanriku coast of Japan

Kim, Dong Chule; Kim, Kyeong Ok; Pelinovsky, Efim; **Didenkulova, Irina**; Choi, Byung Ho Journal of coastal research 2013 / p. 266-271 : ill

Tight Coupling of Na⁺/K⁺-ATPase with glycolysis demonstrated in permeabilized rat cardiomyocytes

Sepp, Mervi; Sokolova, Niina; Jugai, Svetlana; Mandel, Merle; Peterson, Pearu; Vendelin, Marko PLoS ONE 2014 / art. e99413 <https://doi.org/10.1371/journal.pone.0099413>

Time-efficient automated analysis for fibre orientations in steel fibre reinforced concrete

Pastorelli, Emiliano; Herrmann, Heiko Proceedings of the Estonian Academy of Sciences 2016 / p. 28-36 : ill
<http://dx.doi.org/10.3176/proc.2016.1.02>

Tippkeskusest : vastab Jüri Engelbrecht

Engelbrecht, Jüri Horisont 2014 / lk. 4 https://artiklid.elnet.ee/record=b2655695*est

Tone bursts in exponentially graded materials characterized by parametric plots

Ravasoo, Arvi Proceedings of the Estonian Academy of Sciences 2013 / p. 258-266

Towards a tighter symbiosis of natural sciences and engineering

Järv, Jaak; **Engelbrecht, Jüri**; Soomere, Tarmo Proceedings of the Estonian Academy of Sciences 2014 / p. 1
https://artiklid.elnet.ee/record=b2665193*est

Towards better specifications for software outsourcing

Lump, Peeter; Ernits, Juhan-Peep; Vain, Jüri Databases and Information Systems : proceedings of the 11th International Baltic Conference, Baltic DB&IS 2014 : Tallinn, Estonia, 8-11 June, 2014 2014 / p. 453-458 : ill

Towards context-sensitive dialogue with robot companion

Vain, Jüri; Sarapuu, Helena BEC 2014 : 2014 14th Biennial Baltic Electronics Conference : proceedings of the 14th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 6-8, 2014, Tallinn, Estonia 2014 / p. 205-208 : ill

Towards mitigation of environmental risks

Soomere, Tarmo Preventive methods for coastal protection : towards the use of ocean dynamics for pollution control 2013 / p. 1-27 : ill

Tracks of surface drifters from a major fairway to marine protected areas in the Gulf of Finland

Delpeche-Ellmann, Nicole Camille; Torsvik, Tomas; Soomere, Tarmo Proceedings of the Estonian Academy of Sciences 2015 / p. 226-233 : ill https://artiklid.elnet.ee/record=b2740528*est

Transformation of an irregular wave field along a quartic bottom profile

Didenkulova, Irina; Pelinovsky, Efim Proceedings of the Estonian Academy of Sciences 2013 / p. 155-160 : ill

Transformation of internal breathers in the idealised shelf sea conditions

Rouvinskaya, Ekaterina; Talipova, Tatyana; Kurkina, Oxana; **Soomere, Tarmo**; Tyugin, Dmitry Continental shelf research 2015 / p. 60-71 <http://dx.doi.org/10.1016/j.csr.2015.09.017>

Transformation of nonlinear state equations into observer form = Mittelineaarsete olekuvõrrandite olekutaastaja kujule teisendamine

Kaparin, Vadim 2013 https://www.ester.ee/record=b2998616*est

Transformation of nonlinear state equations into the observer form : necessary and sufficient conditions in terms of one-forms

Kaparin, Vadim; Kotta, Ülle Kybernetika 2015 / p. 36-58 <http://dx.doi.org/10.14736/kyb-2015-1-0036>

Trends in the components of extreme water levels signal a rotation of winds in strong storms in the eastern Baltic Sea

Pindsoo, Katri; Soomere, Tarmo Geophysical research abstracts 2016 / p. EGU2016-9378

Truudus Eestile. Globaliseeruv maailmas : [vestlus Eesti Teaduste Akadeemia presidendi Tarmo Soomerega]

Soomere, Tarmo Sirp 2014 / lk. 2-5 : ill <https://www.sirp.ee/s1-artiklid/c21-teadus/truudus-eestile-globaliseeruv-maailmas/>

Tsunami runup in narrow bays : the case of Samoa 2009 tsunami

Didenkulova, Irina Natural hazards 2013 / p. 1629-1636 : ill

1995 : esimene täistööaasta akadeemia presidendina

Engelbrecht, Jüri Sirp 2015 / lk. 37 <https://www.sirp.ee/s1-artiklid/c21-teadus/1995-2/>

Tuning and digital implementation of a fractional-order PD controller for a position servo

Tepljakov, Aleksei; Petlenkov, Eduard; Belikov, Juri; Astapov, Sergei International journal of microelectronics and computer science 2013 / p. 116-123 : ill

12th Symposium on Programming Languages and Software Tools : SPLST'11 : Tallinn, Estonia, 5-7 October 2011 : proceedings

2011 http://www.ester.ee/record=b2718552*est

21st International Conference on Types for Proofs and Programs, TYPES 2015 : Tallinn, Estonia, 18-21 May 2015 : abstracts

2015 http://www.ester.ee/record=b4473137*est

Two set-based implementations of quotients in type theory

Veltri, Niccolo Proceedings of the 8th Annual Conference of the Estonian National Doctoral School in Information and Communication Technologies : December 5-6, 2014, Rakvere 2014 / p. 149-152

Two state space reduction techniques for explicit state model checking = Kaks olekuruumi kahandamise tehnikat olekute otseesitusega mudelikontrollis

Ernits, Juhan-Peep 2007 <https://digi.lib.ttu.ee/i/?162>

Unchanged mitochondrial organization and compartmentation of high-energy phosphates in creatine-deficient GAMT(-/-) mouse hearts

Branovets, Jelena; Sepp, Mervi; Kotlyarova, Svetlana; Jepihhina, Natalja; Sokolova, Niina; Aksentijevic, Dunja; Neubauer, Stefan; Lygate, Craig A.; Vendelin, Marko; Birkedal Nielsen, Rikke American journal of physiology - heart and circulatory physiology 2013 / p. H506-H520 : ill <https://doi.org/10.1152/ajpheart.00919.2012>

Universal tool for solving different control problems

Kotta, Ülle 5th Junior European Meeting on Control & Information Technology : September 20-22, 2006, Tallinn, Estonia : book of abstracts 2006 / p. 1

Using action potential clamp data to determine the calcium fluxes and contributions in excitation-contraction coupling in vivo in cardiomyocytes

Laasmaa, Martin; Vendelin, Marko; Birkedal Nielsen, Rikke Biophysical journal 2016 / p. 100a-101a <http://dx.doi.org/10.1016/j.bpj.2015.11.600>

Using Lagrangian models to assist in maritime management of Coastal and Marine Protected Areas

Delpeche, Nicole; Soomere, Tarmo Journal of coastal research 2013 / p. 36-41 : ill

Using multi-pole modeling and intelligent simulation in design of a hydraulic drive

Harf, Mait; Grossschmidt, Gunnar The 14th International Conference on Modeling and Applied Simulation, MAS 2015 : September 21-23 2015, Bergeggi, Italy : proceedings 2015 / p. 89-95 <http://www.scopus.com/inward/record.url?eid=2-s2.0-84960887645&partnerID=40&md5=fda00b9d82183bf4f2361f9f0e6f4237>

Using multi-pole modeling and intelligent simulation in design of a hydraulic drive with two-directional flow regulating valve [part 1]

Harf, Mait; Grossschmidt, Gunnar Proceedings of the 11th International Conference of DAAAM Baltic Industrial Engineering : 20-22th April 2016, Tallinn, Estonia 2016 / p. 13-18 : ill <http://innomet.ttu.ee/daaam/>

Using multi-pole modeling and intelligent simulation in design of a hydraulic drive with two-directional flow regulating valve [part 2]

Harf, Mait; Grossschmidt, Gunnar Proceedings of the 11th International Conference of DAAAM Baltic Industrial Engineering : 20-22th April 2016, Tallinn, Estonia 2016 / p. 19-24 : ill <http://innomet.ttu.ee/daaam/>

Validation of multi-mission satellite altimetry for the Baltic Sea region

Kudryavtseva, Nadezhda; Soomere, Tarmo; Giudici, Andrea Geophysical research abstracts 2016 / p. EGU2016-5571

Validation of the multi-mission altimeter wave height data for the Baltic Sea region

Kudryavtseva, Nadezhda; Soomere, Tarmo Estonian journal of earth sciences 2016 / p. 161-175 : ill <http://dx.doi.org/10.3176/earth.2016.13>

Variations in the wave climate of the Baltic Sea in the last 25 years from satellite altimetry

Kudryavtseva, Nadezhda; Soomere, Tarmo Geophysical research abstracts 2016 / p. EGU2016-5589

Variations on Noetherianness

Firsov, Denis; Uustalu, Tarmo; Veltri, Niccolo Proceedings 6th Workshop on Mathematically Structured Functional Programming (MSFP 2016) : Eindhoven, The Netherlands, 8 April 2016 2016 / p. 76-88 : ill <http://doi.org/10.4204/eptcs.207.4>

Water level extremes signal changes in the wind direction in the northeastern Baltic Sea

Soomere, Tarmo; Eelsalu, Maris; Pindsoo, Katri 1st Baltic Earth Conference Multiple Drivers for Earth System Changes in the Baltic Sea Region : Nida, Curonian Spit, Lithuania, 13-17 June 2016 : conference proceedings 2016 / p. 132-133 http://www.baltic-earth.eu/events/nida2016/material/BalticEarth_Nida2016_Proceedings.pdf

Wave climate and its decadal changes in the Baltic Sea derived from visual observations = Läänemere lainekliima ja selle muutlikkus visuaalsete lainevaatluste alusel

Zaitseva-Pärnaste, Inga 2013

Wave climate in Lake Peipsi

Nikolkina, Irina; Soomere, Tarmo; Didenkulova, Irina Journal of coastal research 2013 / p. 2035-2040 : ill

Wave equations in mechanics

Engelbrecht, Jüri Estonian journal of engineering 2013 / p. 273-282

Wave interaction in weakly inhomogeneous materials

Braunbrück, Andres 2005 http://www.ester.ee/record=b2045300*est

Wave propagation and dispersion in microstructured wool felt

Kartofelev, Dmitri; Stulov, Anatoli Wave motion 2015 / p. 23-33 : ill <http://dx.doi.org/10.1016/j.wavemoti.2015.03.002>

Wave propagation in hierarchical multiscale microstructured solids and dispersion

Peets, Tanel; Tamm, Kert 28th Nordic Seminar on Computational Mechanics, 22-23 October, Tallinn, 2015 : proceedings of the NSCM28 2015 / p. 141-144 : ill

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

Waves

Soomere, Tarmo Encyclopedia of marine geosciences 2016 / p. 940-944 : tab http://doi.org/10.1007/978-94-007-6238-1_142

Waves in microstructured materials and dispersion

Engelbrecht, Jüri; Berezovski, Arkadi; Pastrone, Franco; Braun, M. Philosophical magazine 2005 / p. 4127-4141 : ill

Waves in microstructured solids and negative group velocity

Peets, Tanel; Kartofelev, Dmitri; Tamm, Kert; Engelbrecht, Jüri EPL: a letters journal exploring the frontiers of physics 2013 / p. 16001-p1-p6 : ill

Weakly nonlocal thermoelasticity for microstructured solids : microdeformation and microtemperature

Berezovski, Arkadi; Engelbrecht, Jüri; Van, Peter Archive of applied mechanics 2014 / [13] p

Weakly nonlocal thermoelasticity for microstructured solids : microdeformation and microtemperature

Berezovski, Arkadi; Engelbrecht, Jüri; Van, Peter Archive of applied mechanics 2014 / p. 1249-1261

Veetasemete ekstreemumid ja korduvusperioodid Eesti rannikul

Soomere, Tarmo; Pindsoo, Katri; Eelsalu, Maris 2016 http://www.ester.ee/record=b4558801*est

Verification of modelled locations of coastal areas exposed to current-driven pollution in the Gulf of Finland by using surface drifters

Viikmäe, Bert; Torsvik, Tomas; Soomere, Tarmo Proceedings of the Estonian Academy of Sciences 2015 / p. 405-416 : ill
https://artiklid.elnet.ee/record=b2740578*est

Verifying response times in networked automation systems using jitter bounds

Srinivasan, Seshadhri; Vain, Jüri IEEE 25th International Symposium on Software Reliability Engineering Workshops : ISSREW 2014 : 3-6 November 2014, Naples, Italy : proceedings 2014 / p. 47-50 : ill

When is a container a comonad?

Ahman, Danel; Chapman, James; Uustalu, Tarmo Logical methods in computer science 2014 / p. 1-48 : ill

Vibration of strings with nonlinear supports

Stulov, Anatoli; Kartofelev, Dmitri Applied acoustics 2014 / p. 223-229 : ill

Virtual reality visualization for short fibre orientation analysis

Pastorelli, Emiliano; Herrmann, Heiko BEC 2014 : 2014 14th Biennial Baltic Electronics Conference : proceedings of the 14th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 6-8, 2014, Tallinn, Estonia 2014 / p. 201-204 : ill

Workshop on Mathematically Structured Functional Programming : MSFP 2006 : Kuressaare, Estonia, 2 July 2006 : proceedings

2006 http://www.ester.ee/record=b2155741*est

Värv ja sära Palmses : [13. Eesti arvutiteaduse talvekoolist]

Uustalu, Tarmo A & A 2008 / lk. 58-59 : fot https://artiklid.elnet.ee/record=b2380423*est

Värv ja sära Palmses : [13. Eesti arvutiteaduse talvekoolist]

Uustalu, Tarmo Mente et Manu 2008 / lk. 2 : fot https://artiklid.elnet.ee/record=b2380423*est

Õlireostuse mustrid kujunevad seaduspäraselt : [intervjuu Jaan Kalda'ga]

Kalda, Jaan Teadusmõtte Küberneetika Instituudis 2010 / lk. 154-155 : portr

Üldkogu aastakoosolek 18. aprillil 2012 : [ka Eesti TA Informaatika ja Tehnikateaduste Osakonna juhataja Tarmo

Soomere, peasekretär Leo Mõtuse ja asepresident Jüri Engelbrehti ettekanded]

Soomere, Tarmo; Mõtus, Leo; Engelbrecht, Jüri Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2012 2013 / lk. 58-77

Üldkogu istung 15. oktoobril 2014 : presidendikandidaadi ettekanded : akadeemik Tarmo Soomere, akadeemik Mart

Ustav ; sõnavõttud: Jüri Engelbrecht, Leo Mõtus, Endel Lippmaa, Tarmo Soomere (üldkogul valitud president)

Soomere, Tarmo; Ustav, Mart Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2014 2015 / lk. 86-97

Ülim eesmärk

Kitt, Robert Postimees 2014 / lk. 5 <https://www.postimees.ee/2942161/robert-kitt-ulim-eesmark>

Параметризация характеристик наката одиночных волн в бухте параболического сечения

Didenkulov, Oleg; Didenkulova, Irina; Pelinovsky, Efim Труды Нижегородского государственного технического университета им. Р.Е. Алексеева 2014 / с. 30-36 : ил <https://www.nntu.ru/frontend/web/ngtu/files/nauka/izdaniya/trudy/2014/03/030-036.pdf>