

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>

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
<http://dx.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

Acessibility 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; Nömm, 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//?5215>

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

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

Algebraic approach for analysis and control of a water tank system

Belikov, Juri; Kotta, Ülle; Tepljakov, 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

Spitšakova, Margarita Proceedings of the Estonian Academy of Sciences 2013 / p. 39-46

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 teretunud, kui neil on positiivne mõju ja nendest ei tehta kultust

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

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; **Nömm, 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

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

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 algoritimide 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 haldamiseks

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, Venanzio; **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**; Tönnisson, 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**; Tönnisson, 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**; Tönnisson, 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; Tönso, 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**; **Nõmm, 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 vahendid mittelineaarsete juhtimisüsteemide 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>

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; Lõhmus, 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, Seshadri; Buonopane, Furio; Balasubramanian, Subathra; Vain, Jüri; Ramaswamy, Srin 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

Diagnoos : 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 / 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>

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 / 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; Lehist, 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 pörkumised" : 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

Eesti oma Horisont

Soomere, Tarmo Horisont 2016 / lk. 1

Eesti teadlastest välismaal

Engelbrecht, Jüri Horisont 2013 / lk. 53 : ill

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) : Ryto, 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.eester.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

Gloobalprobleemid - need on eelkõige suure tähega Maa terviseprobleemid

Kello, Karl; Soomere, Tarmo Õpetajate Leht 2016 / lk. 9

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.jlmp.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

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, Niccolo 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, Mihail** 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 = Südamerütmi 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

Jüri Engelbrecht : teadus ei ole elukutse, vaid eluviis
Engelbrecht, Jüri Postimees : Extra 1997 / lk. 4-5

Kaoseraamat : [öpik]
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

**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

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

Kuidas kauge ja külm Lõunaookean meie kliimat säilitab?
Soomere, Tarmo Postimees 2016 / Arvamus=Kultuur, lk. 12

Kuidas mõistlikkus võib 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

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) : Miedzyzdroje, 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 muutuvast maailmast

Soomere, Tarmo Õpetajate Leht 2015 / lk. 8

Läti keelel on teadustöös suurem roll kui eesti keelel

Haav, Hele-Mai; Kalja, Ahto; Nõges, 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

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

Meenutusi akadeemik Maddisonist

Aben, Hillar Mente et Manu 2015 / lk. 16 : fot https://www.ester.ee/record=b1242496*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; Krištal, 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

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; Tepļakov, 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 komplekssüsteemid : 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

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

Jõgi, 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/>

Mõtteaamat

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; Õis, 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
<http://dx.doi.org/10.1109/PICMET.2015.7273002>

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

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

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 = Mittepameetritelised Bayesi mudelid arvutusliku morfoloogia jaoks

Sirts, Kairit 2015

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

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

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

Bartosiewicz, Zbigniew; **Kotta, Ülle; Mullari, Tanel; Tõnso, 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

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

Põld, 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; Tönso, 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, Mihhail; 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

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/i/?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.jmeosci.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/i/?721>

Pimedus horisondil : [teaduse rollist ühiskonna arengus]

Soomere, Tarmo KesKus 2015 / lk. 6-7

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

Tõugu, Enn Horisont 2013 / lk. 60

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, Juri 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

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

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 Pirita 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

**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>

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

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; Tönso, 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]

Pöld, 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 = Südametalituse 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.

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 10-11, Luxembourg 2005 / p. 14

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]

Kääd, 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

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

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 üldkogustungil 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 teadused 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

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

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

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

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 atomata

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

Thermodynamic approach to generalized continua

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

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 teisendamise

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. Globaliseeruvus 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-estile-globaliseeruvus-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

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; Jephina, 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

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.eester.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 Engelbrechti 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.ntu.ru/frontend/web/ngtu/files/nauka/izdaniya/trudy/2014/03/030-036.pdf>