

Accurate NBTI-induced gate delay modeling based on intensive SPICE simulations

Kostin, Sergei; Raik, Jaan; Ubar, Raimund-Johannes; Jenihhin, Maksim MEDIAN Finale : Workshop on Manufacturable and Dependable Multicore Architectures at Nanoscale : November 10-11, 2015, Tallinn, Estonia 2015 / p. 21-26 : ill

Adapting a regional geoid model to national geodetic infrastructure and conventions [Online resource]

Oja, Tõnis; **Märdla, Silja; Ellmann, Artu**; Rüdja, Andres 1st Joint Commission 2 and IGFS Meeting International Symposium on Gravity, Geoid and Height Systems 2016 : September 19-23, 2016, Thessaloniki, Greece : program 2016 / [2] p
<http://gghs2016.com/search/?entry=958>

Adaptively undersampled image processing for fast multiline laser detection

Mölder, Ago; Märten, Olev; Saar, Tõnis; Land, Raul 2013 IEEE 8th International Symposium on Intelligent Signal Processing (WISP 2013) : proceedings 2013 / p. 60-64 : ill [CD-ROM]

Agent-oriented enterprise modelling based on business rules

Taveter, Kuldar; Wagner, G. Proceedings of the 20th International Conference on Conceptual Modeling : Yokohama, Japan, November 27-30, 2001 2001 / ? p

Agent-oriented knowledge elicitation for modeling the winning of "Hearts and Minds"

Shvartsman, Inna; Taveter, Kuldar Proceedings of the Federated Conference on Computer Science and Information Systems : FedCSIS 2011 : Szczecin, Poland, 18-21 September 2011 2011 / p. 604-608 : ill https://kodu.ut.ee/~kuldarta/Papers/Fail_SK2011.pdf

Agent-oriented modelling for tabletop military training exercises

Švartsman, Inna; Taveter, Kuldar Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK seitsmenda aastakonverentsi artiklite kogumik : 15.-16. novembril 2013, Haapsalu 2013 / p. 91-94 : ill

Analysis of transmission network short cable line sheath bonding methods

Kangro, Triin; Kilter, Jako 2018 IEEE International Conference on Environment and Electrical Engineering and 2018 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe), 12-15 June 2018 : conference proceedings 2018 / 6 p.: ill
<https://doi.org/10.1109/EEEIC.2018.8493944>

Application of artificial neural networks to model the interaction between T-cells and B-cells and their equivalent impedance of the linearized model

Giannoukos, Georgios; Min, Mart Journal of computational methods in sciences and engineering 2015 / p. 295-302
<https://doi.org/10.3233/JCM-150544> [Journal metrics at Scopus](#) [Article at Scopus](#)

Automatically generated hierarchical models for service composition

Maigre, Riina Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK neljanda aastakonverentsi artiklite kogumik : 26.-27. novembril 2010, Essu mõis 2010 / lk. 65-68 : ill

Automation of testing beyond the SoCs

Tšertov, Anton; Jutman, Artur; Devadze, Sergei Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK neljanda aastakonverentsi artiklite kogumik : 26.-27. novembril 2010, Essu mõis 2010 / lk. 29-32 : ill

Between qualification and certification : specifying and verifying model transformations in an embedded code generator

Toom, Andres Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK neljanda aastakonverentsi artiklite kogumik : 26.-27. novembril 2010, Essu mõis 2010 / lk. 109-112 : ill

BIM-enabled education: a systematic literature review

Witt, Emlyn David Qivitoq; Kähkönen, Kalle Proceedings of the 10th Nordic Conference on Construction Economics and Organization (CEO 2019), May 7-8, 2019, Tallinn, Estonia 2019 / p. 261-269 <https://doi.org/10.1108/S2516-285320190000002042>

A BIM-Enabled learning environment: a conceptual framework

Witt, Emlyn David Qivitoq; Kähkönen, Kalle Proceedings of the 10th Nordic Conference on Construction Economics and Organization (CEO 2019), May 7-8, 2019, Tallinn, Estonia 2019 / p. 271-279 <https://doi.org/10.1108/S2516-285320190000002020>

Body Area Networks. Smart IoT and Big Data for Intelligent Health : 15th EAI International Conference, BODYNETS 2020, Tallinn, Estonia, October 21, 2020 : proceedings

2020 <https://doi.org/10.1007/978-3-030-64991-3>

Cardiac muscle regulatory units are predicted to interact stronger than neighboring cross-bridges

Kalda, Mari; Vendelin, Marko Scientific reports 2020 / art. 5530, 13 p. : ill <https://doi.org/10.1038/s41598-020-62452-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Case study of ECD model accuracy in estimating the cell output voltage and power dissipation

Rahmoun, Ahmad; Biechl, Helmut; **Rosin, Argo** Doctoral School of Energy and Geotechnology II : closing conference of the project : Pärnu, Estonia, January 12-17, 2015 2015 / p. 45-48 : ill

Challenges and ways forward for performance-driven and simulation-based computational design for sustainable cities and communities

De Luca, Francesco Regenerating the City Performance-driven and Simulation-based Computational Design for Sustainable Cities and Communities : proceedings of the 9th Regional International Symposium on Education and Research in Computer Aided Architectural Design in Europe, Tallinn University of Technology, 15-16 June 2023 2023 / p. 189-192
<https://digikogu.taltech.ee/et/Item/c29fc911-ec34-45da-afe6-bc1e8515e15d>

Combined 3D building surveying techniques – terrestrial laser scanning (TLS) and total station surveying for BIM data management purposes

Mill, Tarvo; Alt, Aivars; **Liias, Roode** Journal of civil engineering and management 2013 / p. S23-S32 : ill
https://www.researchgate.net/publication/261643973_Combined_3D_building_surveying_techniques-Terrestrial_laser_scanning_TLS_and_total_station_surveying_for_BIM_data_management_purposes
<https://doi.org/10.3846/13923730.2013.795187> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparative analysis of electric drives met for vehicle propulsion

Vodovozov, Valery; **Raud, Zoja**; **Lehtla, Tõnu**; **Rassõlkin, Anton**; **Lillo, Nikolai** 9th International Conference on Ecological Vehicles and Renewable Energies EVER 2014 2014 / [8] p. : ill

Comparison of least squares modifications of stokes's and hotine's formula using pointwise and gridded gravity data ; S3-P16

Sakil, Fatima Feyza; **Erol, Serdar**; **Isik, M. Serkan**; **Erol, Bihter**; **Ellmann, Artu** International Symposium Gravity, Geoid and Height Systems 2 : GGHS2018 : "Gravity Field Of The Earth" : The 2nd joint meeting of the International Gravity Field Service and Commission 2 of the International Association of Geodesy, Copenhagen, Denmark, Sept. 17-21, 2018 : abstract book 2018 / p. 75

Complex delay fault reasoning with sequential 7-valued algebra

Kõusaar, Jaak; **Ubar, Raimund-Johannes**; **Aleksejev, Igor** 2015 16th Latin American Test Symposium (LATS 2015) : Puerto Vallarta, Mexico, 25-27 March 2015 2015 / [6] p. : ill <http://dx.doi.org/10.1109/LATW.2015.7102403>

Complexity in designing energy efficient buildings : towards understanding decision networks in design

Pikas, Ergo; **Koskela, Lauri**; **Thalfeldt, Martin**; **Dave, Bhargav**; **Kurnitski, Jarek** Global Knowledge - Global Solutions : 23rd Annual Conference of the International Group for Lean Construction : Perth, Australia, July 29-31, 2015 : proceedings of IGLC23 2015 / p. 213-222 : ill

Composition of Web services on large service models = Veebiteenuste kompositsioon suurtel teenustemudelitel Maigre, Riina 2011

Comprehensive comparative analysis of impedance-source networks for DC and AC application

Husev, Oleksandr; **Shults, Tatiana**; **Vinnikov, Dmitri**; **Chub, Andrii** Electronics 2019 / 21 p. : ill
<https://doi.org/10.3390/electronics8040405> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Computational study of cyclohexylhemicucurbiturils = Tsükloheksüülhemikukurbituriilide arvutuskeemiline modelleerimine

Öeren, Mario 2015 https://www.ester.ee/record=b4522693*est

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

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

Computer as aid to analyse ergonomics and safety of production machinery - a survey

Väyrynen, Seppo; **Ojanen, K.**; **Häkkinen, K.**; **Väyrynen, T.** Tallinna Tehnikaülikooli Toimetised 1991 / lk. 99-107

Computer model for energy-optimised control of pumping station

Joller, Jüri CAX Techniques : proceedings of the 4th International Scientific Colloquium : Bielefeld, Germany, September 13-15, 1999 1999 / p. 467-473 : ill

Computer modelling of intracardiac electrical bioimpedance

Gordon, Rauno; **Kuusik, Alar** Proceedings of the 31. International Congress on Electrophysiology : June 27-July 1, 2004, Kyoto, Japan 2004 / [4] p

Computer-aided evaluation of blood vessel geometry from acoustic images

Lindström, Stefan B.; **Uhlen, Nils Fredrik Arne**; **Bjarnegard, Niclas** Journal of ultrasound in medicine 2018 / p. 1025-1031 : ill
<https://doi.org/10.1002/jum.14439> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Construction classification - approach in small societies

Liias, Roode Current trends in civil & structural engineering 2020 / 2 p. : ill <https://doi.org/10.33552/CTCSE.2020.05.000604>

Conversion error of exponential to second order polynomial ZIP load model conversion

Leinakse, Madis; Kilter, Jako 2018 IEEE International Conference on Environment and Electrical Engineering and 2018 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe), 12-15 June 2018 : conference proceedings 2018 / p. 1-5 <https://doi.org/10.1109/EEEIC.2018.8493667>

Corrections to “A novel computational approach for global alignment for multiple biological networks”

Ben Yahia, Sadok; Djeddi, Warith Eddine; Nguifo, Engelbert Mephu IEEE/ACM transactions on computational biology and bioinformatics 2019 / p. 700 <https://doi.org/10.1109/TCBB.2019.2895762>

Critical factors for effective BIM-Enabled education : an adaptive structuration theory perspective

Olowa, Theophilus Oluwarotimi Olatunde; Witt, Emlyn David Qivitoq; Lill, Irene; Rasheed, A.; Abdulmumin, A.; Adebisi, R. Buildings 2023 / art. 3044, 18 p. : ill <https://doi.org/10.3390/buildings13123044> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Critical path tracing based simulation of transition delay faults

Kõusaar, Jaak; Ubar, Raimund-Johannes; Devadze, Sergei; Raik, Jaan 2014 17th Euromicro Conference on Digital System Design : DSD 2014 : 27-29 August 2014, Verona, Italy : proceedings 2014 / p. 108-113 : ill

Critical path tracing based simulation of transition delay faults

Kõusaar, Jaak; Ubar, Raimund-Johannes; Devadze, Sergei; Raik, Jaan Proceedings of the 8th Annual Conference of the Estonian National Doctoral School in Information and Communication Technologies : December 5-6, 2014, Rakvere 2014 / p. 61-66 : ill

Decision diagrams for diagnostic modeling

Ubar, Raimund-Johannes MEDIAN Finale : Workshop on Manufacturable and Dependable Multicore Architectures at Nanoscale : November 10-11, 2015, Tallinn, Estonia 2015 / p. 43

Design global, manufacture local : exploring the contours of an emerging productive model

Kostakis, Vasileios; Niaros, Vasileios; Dafermos, George; Bauwens, Michel Futures 2015 / p. 126-135 : ill <https://doi.org/10.1016/j.futures.2015.09.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Design of a hydraulic-mechanical load-sensing system using object-oriented modelling and simulation

Grossschmidt, Gunnar; Harf, Mait 21st European Conference on Modelling and Simulation : ECMS 2007 : Simulations in United Europe : June 4th-6th, 2007, Prague, Czech Republic 2007 / p. 383-390 https://www.scs-europe.net/conf/ecms2007/ecms2007-cd/ecms2007/ecms2007%20pdf/e_0045.pdf

Determining necessary length of the alternating series test for Parkinson's disease modelling

Nõmm, Sven; Kossas, Tanel; Toomela, Aaro; Medijainen, Kadri; Taba, Pille 2019 International Conference on Cyberworlds : CW 2019 : 2-4 October 2019, Kyoto, Japan : proceedings 2019 / p. 261-266 : ill <http://doi.org/10.1109/CW.2019.00050>

Developing European operational oceanography for Blue Growth, climate change adaptation and mitigation, and ecosystem-based management

She, Jun; Allen, Icarus; Buch, Erik; **Lips, Urmas** Ocean science 2016 / p. 953-976 : ill <https://doi.org/10.5194/os-12-953-2016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Developing gravity model for airline regional route modelling

Nõmmik, Allan; Kukemelk, Sven Aviation 2016 / p. 32-37 <https://doi.org/10.3846/16487788.2016.1168007> [Journal metrics at Scopus](#) [Article at Scopus](#)

Development of a low-cost, wireless smart thermostat for isothermal DNA amplification in lab-on-a-chip devices

Pardy, Tamas; Sink, Henri; Koel, Ants; Rang, Toomas Micromachines 2019 / art. 437, 13 p. : ill <https://doi.org/10.3390/mi10070437> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of temperature control solutions for non-instrumented nucleic acid amplification tests (NINAAT)

Pardy, Tamas; Rang, Toomas; Tulp, Indrek Micromachines 2017 / p. 1-11 : ill <https://doi.org/10.3390/mi8060180> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

DFT-based external test and diagnosis of mesh-like networks on chips = Testitavusel põhinev välise testi ja diagnoosi meetod kahemõõtmelistele kiipvõrkudele

Govind, Vineeth 2009 <https://digi.lib.ttu.ee/ii/?454> https://www.ester.ee/record=b2539211*est

Diagnostic modelling of digital systems with multi-level decision diagrams

Ubar, Raimund-Johannes; Raik, Jaan; Evertson, Teet; Kruus, Margus; Lensen, Harri Proceedings of the 17th IASTED International Conference on Modelling and Simulation : May 24-26, 2006, Montreal, Quebec, Canada 2006 / p. 207-212 : ill

Digitaali disain - ideest realiseerimiseks

Ellervee, Peeter A & A 2008 / lk. 6-10 : ill https://artiklid.elnet.ee/record=b1021438*est

Digitaalne tootmine ja simulatsioon hoiavad kokku aega ja kulusid

Kokla, Margo; Urho, Mikko; **Ploompuu, Triin**; Aalto, Heikki Inseneeria 2013 / lk. 28-29 : ill https://artiklid.elnet.ee/record=b2619450*est

Digital control modeling for transportation problem optimization

Musalimov, Victor; Ruban, Dmitry; **Ruban, Olga** Doctoral School of Energy and Geotechnology II : closing conference of the project : Pärnu, Estonia, January 12-17, 2015 2015 / p. 19-22 : ill

Digital logic simulation with compressed BDDs

Ubar, Raimund-Johannes; **Mironov, Dmitri**; **Devadze, Sergei**; **Raik, Jaan** Proceedings : 2011 IEEE International Conference on Computer Science and Automation Engineering : June 10-12, 2011, Shanghai, China 2011 / p. 105-109 : ill <https://ieeexplore.ieee.org/document/5952643>

Digital system modeling and synthesis as an introduction to computer systems engineering

Tajammul, Muhammad Adeel; **Azad, Siavoosh Payandeh**; **Ellervee, Peeter** 2015 International Conference on Microelectronic Systems Education : MSE '15 : Pittsburgh, PA, May 20-21, 2015 2015 / p. 52-55 : ill <http://dx.doi.org/10.1109/MSE.2015.7160016>

Digital test in WEB-based environment

Ivask, Eero 2006 https://www.ester.ee/record=b2158119*est

The ecosystem of commons-based peer production and its transformative dynamics

Bauwens, Michel; **Pantazis, Alexandros** The sociological review 2018 / p. 302-319 : ill <https://doi.org/10.1177/0038026118758532>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

E-ehitus - ehitussektori innovatsioon

Sulakatko, Virgo Sirp 2015 / lk. 30 <https://www.sirp.ee/s1-artiklid/arhitektuur/e-ehitus-ehitussektori-innovatsioon/>

Eesti keelekeskkonna agendipõhine modelleerimine [Võrguväljaanne]

Ehala, Martin; **Taveter, Kuldar** Generatiivse grammatika grupi juubelikoosolek 18.12.2015 : teesid 2015 / lk. 28-29 https://dSPACE.ut.ee/bitstream/handle/10062/50296/GGG_juubelikoosolek_teesid_2015.pdf?sequence=1&isAllowed=y

Effective algebraic analysis approach to linear systems over Ore algebras

Cluzeau, T.; Koutschan, C.; Quadrat, A.; **Tõnso, Maris** Algebraic and symbolic computation methods in dynamical systems 2020 / p. 3-52 https://doi.org/10.1007/978-3-030-38356-5_1

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

Elektroonikaseadmete raalprojekteerimine

Lehtla, Madis 2002 http://www.ester.ee/record=b1729819*est

Enhanced situational awareness for autonomous underwater vehicles

Astrov, Igor 2013

Estimation and conversion of static load models of aggregated transmission system loads = Ülekandevõrgu sõlmekoormuste staatiliste koormusmodelite määramine ja teisendamine

Leinakse, Madis 2022 <https://doi.org/10.23658/taltech.3/2022> <https://digikogu.taltech.ee/et/Item/f179e30b-3265-4cc4-94d5-29750f3e9bfb>
https://www.ester.ee/record=b5491230*est

Evaluation of Stokes-Helmert geoid model computation using a synthetic gravity field

Santos, M.C.; Vanicek, P.; **Ellmann, Artu** Joint Scientific Congress "Bridging Environmental Science, Policy, and Resource Management". Session : Gravity, Geoid and Height Systems 2013

Finite element modelling for the optimization of microheating in disposable molecular diagnostics

Pardy, Tamas; **Rang, Toomas**; Tulp, Indrek International journal of computational methods and experimental measurements 2017 / p. 13-22 : ill <https://doi.org/10.2495/CMEM-V5-N1-13-22> [Journal metrics at Scopus](#) [Article at Scopus](#)

Finite element modelling for the optimization of microheating in disposable molecular diagnostics [Electronic resource]

Pardy, Tamas; **Rang, Toomas**; Tulp, Indrek 14th International Conference on Simulation and Experiments in Heat Transfer and its Applications : Heat Transfer 2016 : 7-9 September, 2016 Ancona, Italy : unedited papers 2016 / p. [144-155] : ill. [USB]

Finite element modelling of the resistive heating of disposable molecular diagnostics devices

Pardy, Tamas; Rang, Toomas; Tulp, Indrek Computational methods and experimental measurements XVII 2015 / p. 381-391 : ill
<http://dx.doi.org/10.2495/CMEM150341>

First results on load model estimation using digital fault recorder measurements

Leinakse, Madis; Sarnet, Tanel; Kangro, Triin; Kilter, Jako 16th International Symposium "Topical Problems in the Field of Electrical and Power Engineering. Doctoral School of Energy and Geotechnology III" : Pärnu, Estonia, January 16-21, 2017 2017 / p. 101-105 : ill http://www.ester.ee/record=b4650094*est

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

From conceptual models to training scenarios for winning hearts and minds

Shvartsman, Inna; Taveter, Kuldar Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kuuenda aastakonverentsi artiklite kogumik : 3.-5. oktoobril 2012, Laulasmaa 2012 / p. 85-88 : ill

From discrete gravity survey data to a high-resolution gravity field representation in the Nordic-Baltic region

Märdla, Silja; Ågren, Jonas; Strykowski, Gabriel; Oja, Tõnis; **Ellmann, Artu** Marine geodesy 2017 / p. 416-453 : ill
<https://doi.org/10.1080/01490419.2017.1326428> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

From discrete gravity survey data to a high-resolution gravity field representation in the Nordic-Baltic region [Online resource]

Märdla, Silja; Ågren, Jonas; Strykowski, Gabriel; Oja, Tõnis; **Ellmann, Artu** 1st Joint Commission 2 and IGFS Meeting International Symposium on Gravity, Geoid and Height Systems 2016 : September 19-23, 2016, Thessaloniki, Greece : program 2016 / [2] p
<http://gghs2016.com/presentation-info/?presentation=719>

FSMD RTL design manipulation for clock interface abstraction

Abrar, Syed Saif; Jenihhin, Maksim; Raik, Jaan 2015 International Conference on Advances in Computing, Communications and Informatics (ICACCI) : 10-13 August 2015, Kerala, India 2015 / p. 463-468 : ill <http://dx.doi.org/10.1109/ICACCI.2015.7275652>

GIS used in site remediation : a test site example

Götttsche, Lars Fribo GIS-Baltic Sea States '93 : exhibition, conference, Tallinn, Estonia, 29 November - 1 December : proceedings 1994 / p. 52-58: ill

GIS used in site remediation. A test site example

Götttsche, Lars Fribo GIS-Baltic Sea States '93 : exhibition, conference, Tallinn, Estonia, 29 November - 1 December 1993 : abstract book, catalogue 1993 / p. 25

Hardware modeling for design verification and debug = Riistvara modelleerimine disaini verifitseerimise ja silumise jaoks

Tšepurov, Anton 2013 https://www.ester.ee/record=b2963501*est

Hardware-in-the-loop simulator of a flow control system for centrifugal pumps

Gevorkov, Levon; Vodovozov, Valery; Lehtla, Tõnu; Raud, Zoja 2016 10th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) : proceedings : Opera Nova's Congress Center, Bydgoszcz, Poland, 29. June - 01. July, 2016 2016 / p. 472-477 : ill <https://doi.org/10.1109/CPE.2016.7544234>

High-Level Implementation-Independent Functional Software-Based Self-Test for RISC Processors

Oyeniran, Adeboye Stephen; Ubar, Raimund-Johannes; Jenihhin, Maksim; Raik, Jaan Journal of electronic testing : theory and applications 2020 / p. 87-103 <https://doi.org/10.1007/s10836-020-05856-7>

How can agents help in designing complex systems?

Taveter, Kuldar; Meriste, Merik Journal of telecommunication, electronic and computer engineering 2017 / p. 1-8 : ill
<http://journal.utem.edu.my/index.php/jtec/issue/view/140> [Journal metrics at Scopus](#) [Article at Scopus](#)

Hydraulic modelling of submerged oil spill including tanker hydrostatic overpressure

Sergejeva, Monika; Laanearu, Janek; Tabri, Kristjan Analysis and design of marine structures : proceedings of the 4th International Conference on Marine Structures (MARSTRUCT 2013), Espoo, Finland, 25-27 March 2013 2013 / p. 209-217 : ill

Identification of intra-day variations of static load characteristics based on measurements in high-voltage transmission network

Leinakse, Madis; Kiristaja, Hendrik; Kilter, Jako 2018 IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT-Europe), Sarajevo, Bosnia and Herzegovina, October 21-25, 2018 : proceedings 2018 / 6 p
<https://doi.org/10.1109/ISGTEurope.2018.8571712>

Integrated self-regulating resistive heating for isothermal nucleic acid amplification tests (NAAT) in Lab-on-a-Chip (LoC)

devices

Pardy, Tamas; Tulp, Indrek; Kremer, Clemens; **Rang, Toomas;** Stewart, Ray PLoS ONE 2017 / p. 1-11 : ill

<https://doi.org/10.1371/journal.pone.0189968> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Integrating UML, the Q-model and a multi-agent approach in process specifications and behavioural models of organisations

Savimaa, Raul Journal of systemics, cybernetics and informatics 2006 / 4, p. 45-57

<https://www.iijsci.org/journal/PDV/sci/pdfs/P843346.pdf>

Integration of automated data collection, enrichment and transfer to CAD system in digital tailoring = Informatsiooni automaatse kogumise, rikastamise ja CAD-süsteemile sisestamise meetod digitaalses rätsepakunstis

Elbrecht, Pirjo 2018 <https://digi.lib.ttu.ee/i/?9950> https://www.ester.ee/record=b5056128*est

Intelligent products : shifting the production control logic in construction (with lean and BIM)

Dave, Bhargav; Kubler, Sylvain; **Pikas, Ergo** Global Knowledge - Global Solutions : 23rd Annual Conference of the International Group for Lean Construction : Perth, Australia, July 29-31, 2015 : proceedings of IGLC23 2015 / p. 341-350 : ill

Interdisciplinary digital construction : Framing the development of a new university study program

Pikas, Ergo; Bloch, Tanya; **Ilste, Elisa;** Gurevich, Uri Proceedings of the 2025 European Conference on Computing in Construction 2025 / 9 p <http://doi.org/10.35490/EC3.2025.251>

Interpretable quantitative description of the digital clock drawing test for Parkinson's disease modelling

Nõmm, Sven; **Mašarov, Ilja;** Toomela, Aaro; Medijainen, Kadri; Taba, Pille 15th International Conference on Control, Automation, Robotics and Vision (ICARCV 2018) : Singapore, November 18-21, 2018 2018 / p. 1839-1844 : ill

<https://doi.org/10.1109/ICARCV.2018.8581074>

Investigating the drop-out rate from a BIM course

Puust, Raido; **Lill, Irene;** **Liias, Roode** Proceedings of the 10th Nordic Conference on Construction Economics and Organization (CEO 2019), May 7-8, 2019, Tallinn, Estonia 2019 / p. 325-333 <https://doi.org/10.1108/S2516-285320190000002020>

Investigating the drop-out rate from a BIM for infrastructure course

Puust, Raido; **Witt, Emlyn David Qivitoq;** **Lill, Irene;** **Liias, Roode** Proceedings of the 2019 Conference of European Council on Computing in Construction (EC3) July 10-12, 2019 Chania, Crete, Greece 2019 / p. 229-236 <https://doi.org/10.35490/EC3.2019.149>

Investigation of FEM software for Magnus Effect Simulation

Lukin, Aleksandr; Demidova, Galina; Lukichev, Dmitry; **Rassõlkin, Anton;** **Vaimann, Toomas;** **Kallaste, Ants** 2021 28th International Workshop on Electric Drives : Improving Reliability of Electric Drives (IWED) 2021 / 5 p

<https://doi.org/10.1109/IWED52055.2021.9376396>

Kes vajavad 3D-mudelit?

Jüriorg, Urmas Geodeet 2008 / lk. 39 https://artiklid.elnet.ee/record=b1074677*est

Kiire ja lihtne 3D-mõõdistamine Flexijeti abiga

Karu, Veiko Inseneeria 2013 / lk. 37 : ill

3D-printer on tööstuses muutumas sama tavaliseks kui klassikaline paberiprinter

Aunap, S. Tööstus : [ajalehe Eesti Päevaleht lisa] 2023 / Lk. 20-22 https://www.ester.ee/record=b4750061*est

Lasermõõtesüsteem muudab mudelprojekteerimise tasuvaks

Jüriorg, Urmas Ehitaja 2013 / lk. 48-49 : ill https://artiklid.elnet.ee/record=b2617196*est

Longitudinal transformation of estuarine transport controlled to mixing controlled nutrient, oxygen and detritus dynamics in the Gulf of Finland

Kõuts, Tarmo; **Raudsepp, Urmas;** **Maljutenko, Ilja** The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 200 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

Masinaehituslike raalprojekteerimissüsteemide integreerimine : väitekirj ... tehnika magistrikraadi taotlemiseks

Kiolein, Indrek 1994 https://www.ester.ee/record=b2681056*est

Mathematical models in mechanical and biomedical tribology with computational simulations/optimization methods

Casesnoves, Francisco; **Surženkov, Andrei** International journal of scientific research in computer science, engineering and information technology 2017 / p. 62-89 : ill <http://ijsrcseit.com/CSEIT17211>

Method for rapid prototyping of societal information systems

Taveter, Kuldar; Du, Hongying; Huhns, Michael N. Proceedings of the Federated Conference on Computer Science and Information

Systems : FedCSIS 2012 : Wrocław, Poland, 9-12 September, 2012 / p. 1221–1228 : ill <https://annals-csis.org/proceedings/2012/pliks/310.pdf>

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 Driven Architecture

Leis, Paul A & A 2004 / 1, lk. 13-20 : ill https://artiklid.elnet.ee/record=b1014997*est

Model synthesis from VHDL for the functional test generation system

Krupnova, Helena 1993 https://www.ester.ee/record=b2090509*est

A model-based adaptive control of turning maneuver for catamaran autonomous surface vessel

Astrov, Igor; Astrova, Irina WSEAS Transactions on Systems and Control 2024 / p. 135-142

<https://doi.org/10.37394/23203.2024.19.14> [Journal metrics at Scopus](#) [Article at Scopus](#)

Model-based simulation of a hydraulic closed-loop rotary transmission with automatic control

Grossschmidt, Gunnar; Harf, Mait International journal of fluid power 2021 / 42 p. : ill <https://doi.org/10.13052/ijfp1439-9776.2212>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Modeling and control strategy for hybrid electrical vehicle

Vu, Trieu Minh; Sivitski, Alina; Tamre, Mart; Penkov, Igor New applications of electric drives 2015 / p. 27-57 : ill

<http://dx.doi.org/10.5772/61415>

Modeling and simulation of dual clutch transmission and hybrid electric vehicles

Abouelkheir, Moustafa; Vu, Trieu Minh Proceedings of the 11th International Conference of DAAAM Baltic Industrial Engineering :

20-22th April 2016, Tallinn, Estonia 2016 / p. 168-174 : ill <http://innomet.ttu.ee/daaam/>

Modeling in semiconductor electronics

Javor, A.; Rang, Toomas; Szekely, V.; Tarnay, K.; Velmre, Enn 1993 https://www.ester.ee/record=b1031052*est

Modeling the dynamics of lung tissue with pulsating blood-flow in pulmonary arteries for bioimpedance simulation

Gordon, Rauno; Annus, Paul International Workshop on Impedance Spectroscopy : IWIS 2013 : abstract book : September 25-27,

2013, Chemnitz University of Technology, Germany 2013 / p. 94-65 : ill

Modelleerimistarkvara "Simulant" : kirjeldus ja juhend

1993 https://www.ester.ee/record=b1064405*est

Modelling and experimental characterisation of self-regulating resistive heating elements for disposable medical diagnostics devices

Pardy, Tamas; Rang, Toomas; Tulp, Indrek Materials characterization VII 2015 / p. 263-271 : ill

Modelling and experimental characterisation of thermoelectric heating for molecular diagnostics devices

Pardy, Tamas; Rang, Toomas; Tulp, Indrek BEC 2016 : 2016 15th Biennial Baltic Electronics Conference : proceedings of the 15th

Biennial Baltic Electronics Conference : Tallinn University of Technology, October 3-5, 2016, Tallinn, Estonia 2016 / p. 27-30 : ill

http://www.ester.ee/record=b2150914*est

Modelling and simulation of human lower-limb motion

Žigailov, Sergei; Musalimov, Victor; Arjassov, Gennadi; Penkov, Igor International review on modelling and simulations (IREMOS)

2016 / p. 114-123 : ill <https://doi.org/10.15866/iremos.v9i2.8358> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Modelling emergent behaviour of organisations : time-aware, UML and agent based approach = Ilmneva käitumise modelleerimine organisatsioonides : ajatundlik, UML ja agendipõhine lähenemine

Savimaa, Raul 2005 https://www.ester.ee/record=b2068668*est

Modelling EVs in residential distribution grid with other nonlinear loads [Electronic resource]

Niitsoo, Jaan; Taklaja, Paul; Palu, Ivo; Kiitam, Ivar 2015 IEEE 15th International Conference on Environment and Electrical Engineering : conference proceedings : June 10-13, 2015, Rome 2015 / p. 1543-1548 : ill. [CD-ROM]

<http://dx.doi.org/10.1109/EEEIC.2015.7165401>

Modelling of HVAC cable network for system studies

Kangro, Triin Doctoral School of Energy and Geotechnology II : closing conference of the project : Pärnu, Estonia, January 12-17,

Modelling of the influence of drained areas on the environment

Vassiljev, Anatoli Proceedings of the Fifteenth International Conference on Civil, Structural and Environmental Engineering Computing : Prague, Czech Republic, 1-4 September 2015 2015 / Paper 280 <https://doi.org/10.4203/ccp.108.280> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Modelling regional airport terminal capacity

Nõmmik, Allan; Antov, Dago Procedia engineering 2017 / p. 427-434 : ill <https://doi.org/10.1016/j.proeng.2017.01.083> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Mudelprojekteerimine aitab luua energiasäästlikke piirdetarindeid

Sutt, Jüri; Aaskivi, Urmas Ehitaja 2011 / 9, lk. 58-62 : ill https://artiklid.elnet.ee/record=b2433935*est

A multi-perspective methodology for agent-oriented business modelling and simulation

Taveter, Kuldar 2004 http://www.ester.ee/record=b1910546*est

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

Multirate approaches for engineering applications : computational strategies

Astrov, Igor 2015 https://www.ester.ee/record=b4533492*est

Network quality indicators and overview of long-term load forecasting models

Laanetu, Margus; Hõbejõgi, Tiit 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013 2013 / p. 192-196 : ill

Neural networks based identification and control of nonlinear systems : ANARX model based approach

Petlenkov, Eduard 2007 https://www.ester.ee/record=b2315845*est

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

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

On the accuracy of the Haar wavelet discretization method

Majak, Jüri; Shvartsman, Boris; **Karjust, Kristo; Mikola, Madis; Haavajõe, Anti; Pohlak, Meelis** Composites Part B : Engineering 2015 / p. 321-327 : tab <https://doi.org/10.1016/j.compositesb.2015.06.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the design process of a 6-kVA quasi-Z-inverter employing SiC power devices

Zdanowski, Mariusz; Peftitsis, Dimosthenis; Piasecki, Szymon; Rabkowski, Jacek IEEE transactions on power electronics 2016 / p. 7499-7508 : ill <https://doi.org/10.1109/TPEL.2016.2527100>

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 <https://doi.org/10.1016/j.jmarsys.2012.08.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On-line repository of digital resources for a BIM-enabled learning environment

Bragadin M A, Morganti C, Ricci P C, Witt E D Q, Kahkonen K, Puolitaival; Bragadin, Marco A.; Morganti, Caterina; Ricci, Pier Carlo; **Witt, Emlyn David Qivitoq**; Kahkonen, Kalle; Puolitaival, Taija Journal of information technology in construction 2024 / p. 1039-1057 <https://doi.org/10.36680/j.itcon.2024.046>

Open source 3D printing as a means of learning : an educational experiment in two high schools in Greece

Kostakis, Vasileios; Niaros, Vasileios; Giotitsas, Christos Telematics and informatics 2015 / p. 118-128 : ill <https://doi.org/10.1016/j.tele.2014.05.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Parallel exact critical path tracing fault simulation with reduced memory requirements

Devadze, Sergei; Ubar, Raimund-Johannes; Raik, Jaan; Jutman, Artur 4th International Conference on Design and Technology of Integrated Systems in Nanoscale Era : DTIS'09 : Cairo, Egypt, April 6-9, 2009 2009 / p. 155-160 : ill
<https://ieeexplore.ieee.org/document/4938046>

A parametric framework for modelling of bioelectrical signals

Muhammad, Yar 2016 <http://dx.doi.org/10.1007/978-981-287-969-1>

A parametric framework for modelling of bioelectrical signals = Parameetiline raamistik bioelektriliste signaalide modelleerimiseks

Muhammad, Yar 2015 http://www.eester.ee/record=b4473232*est

Performance analysis of a flexible manufacturing system (FMS)

Mahmood, Kashif; Karaulova, Tatjana; Otto, Tauno; Ševtšenko, Eduard Procedia CIRP 2017 / p. 424-429 : ill
<https://doi.org/10.1016/j.procir.2017.03.123> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Permanent magnet synchronous machine control performance and analysis for environment-friendly electric vehicle applications

Sardar, Muhammad Usman; Yaqoob, Muhammad; Akbar, Siddique; Shah, Syed Imran Ahmad; Shahid, Muhammad Usama; Mutloob, Tayyaba Engineering Proceedings 2023 / art. 7, p. 1-6 <https://doi.org/10.3390/engproc2023046007> [Journal metrics at Scopus](#) [Article at Scopus](#)

PLC-based hardware-in-the-loop simulator of a centrifugal pump

Gevorkov, Levon; Vodovozov, Valery; Lehtla, Tõnu; Raud, Zoja 2015 IEEE 5th International Conference on Power Engineering, Energy and Electrical Drives (POWERENG) : proceedings : May 11-13, 2015, Riga, Latvia 2015 / p. 491-496 : ill
<http://dx.doi.org/10.1109/PowerEng.2015.7266366>

Preliminary study on comparative load modelling in PSS/E and PSCAD

Leinakse, Madis; Kapp, Henry; Kilter, Jako 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 197-199 : ill
http://ise.elnet.ee/record=b2950110~S2*est

Proceedings of the 21th [i. e. 21st] European-Japanese Conference on Information Modelling and Knowledge Bases : EJC2011 : Tallinn, Estonia, June 06-10, 2011

2011 http://www.eester.ee/record=b2714058*est

Progress in additive manufacturing of MoS₂-based structures for energy storage applications – a review

Alinejadian, Navid; Kollo, Lauri; Odnevall Wallinder, Inger Materials science in semiconductor processing 2022 / 21 p. : ill
<https://doi.org/10.1016/j.mssp.2021.106331> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Proovimiseks ehk liigagi uuenduslik tarkvara Revit MEP 2011

Puust, Raido Keskkonnatehnika 2010 / 5, lk. 36-38 : ill https://artiklid.elnet.ee/record=b2154952*est

Provably correct configuration management of precision feeding in Agriculture4.0

Kanter, Gert; Vain, Jüri; Srinivasan, Seshadhri; Ramaswamy, Srin 2019 IEEE International Conference on Systems, Man and Cybernetics (SMC) 2019 / p. 1631-1637 : ill <https://doi.org/10.1109/SMC.2019.8914057>

qZS inverter as synchronverter in small-scale micro-grid

Zakis, Janis; Makovenko, Elena; Zeng, Hao; Husev, Oleksandr; Kütt, Lauri Elektronika ir elektrotehnika = Electronics and electrical engineering 2018 / p. 58-62 : ill <https://doi.org/10.5755/j01.eie.24.2.20636> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Quality of photovoltaic modules, experimental evaluation and mathematical modelling

Tšukrejev, Pavel; Karjust, Kristo; Majak, Jüri IOP conference series : materials science and engineering 2021 / art. 012044, 7 p. : ill <https://doi.org/10.1088/1757-899X/1140/1/012044>

Raskuskiirenduse anomaalvälja ja geoidi mudelpinna täpsustamine Eestis

Ellmann, Artu; Oja, Tõnis; All, Tarmo; Jürgenson, Harli; Kall, Tarmo; Liibus, Aive Tartu Ülikooli Ilmade Observatooriumi 150. aastapäeva konverentside artiklid 2016 / lk. 152-164 : ill

Real-time demands and calibration of water distribution systems

Vassiljev, Anatoli; Koor, Margus; Koppel, Tiit Advances in engineering software 2015 / p. 108-113 : ill
<https://doi.org/10.1016/j.advengsoft.2015.06.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Requirements-driven model-based testing of the IP Multimedia Subsystem

Ernits, Juhan-Peep; Kääramees, Marko; Raiend, Kullo; Kull, Andres BEC 2008 : 2008 International Biennial Baltic Electronics

A review of harmonic detection, suppression, aggregation and estimation techniques

Daniel, Kamran; Kütt, Lauri; Iqbal, Muhammad Naveed; Shabbir, Noman; Raja, Hadi Ashraf; Sardar, Muhammad Usman
Applied sciences 2024 / art. 10966 <https://doi.org/10.3390/app142310966> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Saaste jälgimise tehnoloogia Soome lahes

Giudici, Andrea Teadus kolme minutiga : 2017-2019 2019 / lk. 40-43 : portr., kaart https://www.ester.ee/record=b5245642*est

Sensitivity of a lumped-capacitance building thermal modelling approach for energy-market-scale flexibility studies

Rasku, Topi; **Simson, Raimo**; Kiviluoma, Juha Buildings 2024 / art. 1614 <https://doi.org/10.3390/buildings14061614>

Sentence writing test for Parkinson disease modeling: comparing predictive ability of classifiers

Netšunajev, Aleksei; Nömm, Sven; Toomela, Aaro; Medijainen, Kadri; Taba, Pille Intelligent Information and Database Systems : 12th Asian Conference, ACIIDS 2020, Phuket, Thailand, March 23-26, 2020 : proceedings, Part I 2020 / p. 345-357
https://doi.org/10.1007/978-3-030-41964-6_30 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Service quality meter design for self-aware systems

Tammemäe, Kalle; Leier, Mairo AmiES-2015 : Ambient Intelligence and Embedded Systems : International Symposium, 24-26 September, 2015, Oostende, Belgium 2015 / [4] p. : ill

7-valued algebra for transition delay fault analysis

Kõusaar, Jaak; Ubar, Raimund-Johannes 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. 89-92 : ill

Signaaltöötlussüsteemide modelleerimine arvutil : magistritöö

Roosi, Aarne 1992 https://www.ester.ee/record=b2632269*est

Simulation and prototyping of sociotechnical systems using agent-oriented modelling = Sotsiotehniliste süsteemide simulatsioon ja prototüüpimine kasutades agentorienteeritud modelleerimist

Mahunnah, Msury 2019 <https://digi.lib.ttu.ee/i/?11297>

Simulation study of mixed pressure and flow control systems for optimal operation of centrifugal pumping plants

Gevorkov, Levon; Rassõlkin, Anton; Kallaste, Ants; Vaimann, Toomas Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2018 / p. 89-94 : ill <https://doi.org/10.2478/ecce-2018-0010>

Software-based self-test for microprocessors with high-level decision diagrams = Mikroprotsessorite tarkvara-põhine enesetestimine kõrgtasandi otsustusdiagrammide põhjal

Jasnetski, Artjom 2018 <https://digi.lib.ttu.ee/i/?10629> https://www.ester.ee/record=b5151486*est

SPICE-inspired fast gate-level computation of NBTI-induced delays in nanoscale logic

Kostin, Sergei; Raik, Jaan; Ubar, Raimund-Johannes; Jenihhin, Maksim 2015 IEEE 18th International Symposium on Design and Diagnostics of Electronic Circuits & Systems DDECS 2015 : 22-24 April 2015, Belgrade, Serbia : proceedings 2015 / p. 223-228 : ill

State-space control of nonlinear systems identified by ANARX and neural network based SANARX models

Vassiljeva, Kristina; Petlenkov, Eduard; Belikov, Juri The 2010 International Joint Conference on Neural Networks (IJCNN) : 18-23 July 2010, Barcelona : proceedings 2010 / p. 3816-3823 : ill <https://ieeexplore.ieee.org/document/5596581>

Status of the FAMOS collaboration to improve the Baltic Sea gravity data and geoid model ; S3-O2

Agren, Jonas; Olsson, Per-Anders; Schwabe, Joachim; **Ellmann, Artu** International Symposium Gravity, Geoid and Height Systems 2 : GGHS2018 : "Gravity Field Of The Earth" : The 2nd joint meeting of the International Gravity Field Service and Commission 2 of the International Association of Geodesy, Copenhagen, Denmark, Sept. 17-21, 2018 : abstract book 2018 / p. 42

Structural decision diagrams in digital test : theory and applications

Ubar, Raimund-Johannes; Raik, Jaan; Jenihhin, Maksim; Jutman, Artur 2024 <https://doi.org/10.1007/978-3-031-44734-1>
https://www.ester.ee/record=b5734441*est

Structurally synthesized multiple input BDDs for simulation of digital circuits

Ubar, Raimund-Johannes; Mironov, Dmitri; Raik, Jaan; Jutman, Artur 16th IEEE International Conference on Electronics, Circuits, and Systems, ICECS 2009 : Yasmine Hammamet, Tunisia, 13-19 December, 2009 2009 / p. 451-454 : ill
<http://dx.doi.org/10.1109/ICECS.2009.5410895>

Success factors for designing a cybersecurity exercise on the example of incident response

Mäses, Sten; Maennel, Kaie; Toussaint, Mascia; Rosa, Veronica 2021 IEEE European Symposium on Security and Privacy Workshops (EuroS&PW) 2021 / p. 259-268 <https://doi.org/10.1109/EuroSPW54576.2021.00033>

Synthesis of test purpose directed reactive planning tester for nondeterministic systems

Vain, Jüri; Raiend, Kullo; Kull, Andres; Ernits, Juhan-Peep 22nd IEEE/ACM International Conference on Automated Software Engineering (ASE 2007) : November 5-9, 2007, Atlanta, Georgia, USA 2007 / p. 363-372
https://www.researchgate.net/publication/220883693_Synthesis_of_test_purpose_directed_reactive_planning_tester_for_nondeterministic_systems

Tahkekeha elektroonika elementide projekteerimise ja katsetamise numbrilised meetodid ja vahendid : vabariikliku nõupidamise ettekannete teesid

1989 https://www.ester.ee/record=b3661827*est

Tahkekeha elektroonika elementide projekteerimise ja katsetamise numbrilised meetodid ja vahendid : vabariikliku nõupidamise ettekannete teesid

1989

TalTech teeb oma õppelinnaku hoonetest digitaalse 3D-mudeli

Alvela, Ain EhitusEST 2023 / lk. 12-15 : ill https://www.ester.ee/record=b4442657*est

Teaching diagnostic modeling of digital systems with decision diagrams [Electronic resource]

Ubar, Raimund-Johannes; Raik, Jaan; Mironov, Dmitri; Evtartson, Teet; Orasson, Elmet; Aarna, Margit; Wuttke, Heinz-Dietrich Proceedings of 12th IASTED International Conference on Computers and Advanced Technology in Education - CATE 2009 : St. Thomas, US, November 22-24, 2009 2009 / p. 1-6. [CD-ROM]

Testing Stokes-Helmert geoid model computation on a synthetic gravity field : experiences and shortcomings

Vanicek, Petr; **Ellmann, Artu** Studia geophysica et geodaetica 2013 / p. 369-400 : ill <https://doi.org/10.1007/s11200-012-0270-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The art of agent-oriented modeling

Sterling, Leon; **Taveter, Kuldar** 2009 https://www.ester.ee/record=b2526826*est

The development and assessment of HVAC cable models for electrical transmission network planning studies = Kõrgepingeliste kaabelliinide mudelite arendamine ja analüüs elektrivõrgu planeerimisülesannete raamistikus

Kangro, Triin 2018 <https://digi.lib.ttu.ee/ii/?11205> https://www.ester.ee/record=b5181775*est

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 lumped parameter approach to the unit operation models

Kallas, Juha; Reile, Rein Computer applications in the analysis of chemical data and plants : proceedings of the symposium Chemdata 77, 9th and 10th June, 1977 Helsinki-Espoo, Finland 1977 / p. 60-68

The NKG2015 gravimetric geoid model for the Nordic-Baltic region [Online resource]

Ägren, Jonas; Strykowski, Gabriel; **Märdla, Silja; Ellmann, Artu** 1st Joint Commission 2 and IGFS Meeting International Symposium on Gravity, Geoid and Height Systems 2016 : September 19-23, 2016, Thessaloniki, Greece : program 2016 / [2] p
<http://gghs2016.com/presentation-info/?presentation=721>

The possibilities to improve local electrical power grid : case of TUT campus [Electronic resource]

Astapov, Victor; Palu, Ivo 2016 17th International Scientific Conference on Electric Power Engineering (EPE) : proceedings 2016 / [5] p. : ill. [USB] <https://doi.org/10.1109/EPE.2016.7521793>

The Use of DigSilent Power Factory Simulator for "Introduction into Power Systems" Lectures

Astapov, Victor; Palu, Ivo; Vaimann, Toomas Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2018 / p. 95-99 : ill <https://doi.org/10.2478/ecce-2018-0011>

Thermal analysis of a disposable, instrument-free DNA amplification lab-on-a-chip platform

Pardy, Tamas; Rang, Toomas; Tulp, Indrek Sensors 2018 / art. 1812, 13 p. : ill <https://doi.org/10.3390/s18061812> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

3D RSTM modeling for particulate grid-generated turbulent and shear flows [Electronic resource]

Kartušinski, Aleksander; Hussainov, Medhat; Štšeglov, Igor; Tisler, Sergei; Kosinski, Pawel; Balakin, Boris V.; **Lauk, Peep; Seegel, Karl-Erik** 9th International Conference on Multiphase Flow : ICMF 2016 : May 22-27 2016, Firenze, Italy : proceedings 2016 / [CD-ROM]

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 <https://doi.org/10.2112/SI65-046> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Towards modeling of finger motions in virtual reality environment

Nõmm, Sven; Toomela, Aaro; **Kulikov, Jaroslav** Augmented Reality, Virtual Reality, and Computer Graphics : 4th International Conference, AVR 2017, Ugento, Italy, June 12-15, 2017 : proceedings. Part I 2017 / p. 106-115 : ill https://doi.org/10.1007/978-3-319-60922-5_8 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Transition delay fault simulation with parallel critical path back-tracing and 7-valued algebra

Kõusaar, Jaak; Ubar, Raimund-Johannes; **Devadze, Sergei**; **Raik, Jaan** Microprocessors and microsystems 2015 / p. 1130-1138 : ill <https://doi.org/10.1016/j.micpro.2015.05.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Understanding the current context and challenges of BIM adoption on construction sites

Karafin, Miina; **Kerner, Kirsika**; **Tüvi, Kristjan**; **Witt, Emlyn David Qivitoq** Proceedings of the CIB World Building Congress 2016. Volume III, Building up business operations and their logic : shaping materials and technologies 2016 / p. 344-355 : tab <http://urn.fi/URN:ISBN:978-952-15-3743-1>

Use of the real-time demands for calibration of water distribution systems

Vassiljev, Anatoli; **Koppel, Tiit** Proceedings of the Fourteenth International Conference on Civil, Structural and Environmental Engineering Computing 2013 / p. 1-9 : ill [Paper 233] <https://www.ctresources.info/ccp/paper.html?id=7566> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Using high-resolution spectral models of gravity anomaly for computing stochastic modifications of Stokes's formula

Ellmann, Artu Computers & geosciences 2012 / p. 188-190 : ill

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/>

Wideband digital beamforming in sonar systems = Suunadiagrammide digitaalne formeerimine laiaribalistes sonarsüsteemides

Ruuben, Toomas 2009 https://www.ester.ee/record=b2498198*est

Virtual reality meets intelligence in large scale architecture

Köse, Ahmet; **Petlenkov, Eduard**; **Tepljakov, Aleksei**; **Vassiljeva, Kristina** Augmented Reality, Virtual Reality, and Computer Graphics : 4th International Conference, AVR 2017, Ugento, Italy, June 12-15, 2017 : proceedings. Part II 2017 / p. 297-309 : ill https://doi.org/10.1007/978-3-319-60928-7_26 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Генерация линеаризованных моделей на ЭВМ

Rebane, Jüri; **Aarna, Olav** Всесоюзное научно-техническое совещание "Автоматизация проектирования систем автоматического и автоматизированного управления" : тезисы докладов 1976 / с. 13-14 : илл https://www.ester.ee/record=b1349811*est

Двумерное неизотермическое численное моделирование процесса выключения запираемого тиристора

Udal, Andres Численные методы и средства проектирования и испытания элементов РЭА : тезисы докладов. Том 1 1987 / с. 139-142 : ил https://www.ester.ee/record=b1273986*est

Идентификация объектов при планировании вычислений

Vendelin, Jelena Расчет и проектирование систем технической кибернетики 1983 / с. 67-79 : ил https://www.ester.ee/record=b1288991*est <https://digikogu.taltech.ee/et/Item/7d7515af-76b7-4d35-89a7-e80367d5b635>

Исследование и разработка пакетов программ для расчета и моделирования гидромеханических систем : автореферат ... кандидата технических наук (05.13.01 ; 05.13.12)

Pahapill, Jaak 1985 https://www.ester.ee/record=b1261579*est

Исследование и разработка пакетов программ для расчета и моделирования гидромеханических систем : диссертация на соискание ученой степени кандидата технических наук

Pahapill, Jaak 1985 https://www.ester.ee/record=b4634914*est

Исследование устойчивости нелинейной САУ второго порядка

Tõnismägi, Svetlana; Täht, Toomas Теоретические и прикладные вопросы математики : тезисы докладов конференции, 26-27 сентября 1985 г. II 1985 / с. 32 https://www.ester.ee/record=b1305194*est

Исследование эффективности численных алгоритмов моделирования проводящего состояния силовых полупроводниковых структур

Freidin, Boris Тезисы докладов Республиканской научно-технической конференции "Современные методы и устройства радиоэлектронного оборудования", посвященной Дню радио. Секция: полупроводниковые приборы 1981 / с. 34-35 https://www.ester.ee/record=b1310801*est

Исследование эффективности численных алгоритмов моделирования силовых полупроводниковых структур в проводящем состоянии

Velmr, Enn; Udal, Andres; Freidin, Boris Электронное моделирование = Electronic modeling : международный научно-теоретический журнал 1981 / с. 85-88 https://www.ester.ee/record=b1291241*est

Машинное моделирование цепи питания, обеспечивающей инжекторный ток для И²Л схем

Rang, Toomas Расчет и проектирование приборов, устройств и систем технической кибернетики 1981 / с. 15-19 : илл https://www.ester.ee/record=b1319172*est <https://digikogu.taltech.ee/et/Item/4c9b1559-97b9-4d9b-bac8-6c40840ba442>

Методика разработки моделей проектирования

Portjanski, Leonid; Štšeglov, Nikolai Базовые программные средства САПР-ТП : тезисы докладов республиканского семинара 1987 / с. 11-13 https://www.ester.ee/record=b1355309*est

Моделирование горно-геологических условий разработки горючих сланцев Прибалтийского сланцевого бассейна на персональном компьютере

Rubtsov, Aleksei; Dusman, Aleksandr; Reinsalu, Enno Сборник тезисов Всероссийской конференции молодых ученых / Кольский научный центр АН СССР 1991 / с. 50-52

Моделирование на ЭЦВМ физических процессов в полупроводниковых диодах бомбардируемых электронным лучом

Suškov, Aleksandr; Freidin, Boris Автоматизированное проектирование в радиоэлектронике и приборостроении : сборник научных трудов 1977 / с. 155-156 https://www.ester.ee/record=b2065276*est

Применение вычислительных моделей в математическом обеспечении машинного проектирования : автореферат ... доктора технических наук (05.255)

Tõugu, Enn 1972 https://www.ester.ee/record=b1523280*est

Принцип выбора распределения вероятностей для стохастического моделирования

Koort, Ants Тезисы докладов Республиканской научно-технической конференции, посвященной Дню радио. Секция "Проблемы измерительного приборостроения" 1979 / с. 14-15 https://www.ester.ee/record=b1281116*est

Проблемы моделирования полупроводниковых структур и сложных схем на ЭВМ

1982 https://www.ester.ee/record=b1339926*est <https://www.etera.ee/zoom/121726/view?page=3&p=separate&search=true&tool=search>

Программа "Динамит-1" для одномерного численного моделирования тиристорных структур

Velmr, Enn; Udal, Andres Силовые полупроводниковые приборы : сборник статей 1986 / с. 59-63 : ил https://www.ester.ee/record=b1591355*est

Программное обеспечение моделирования электрических схем, содержащих компоненты с распределенными параметрами : автореферат ... кандидата технических наук (05.13.11)

Kängsep, Eiko 1990 http://www.ester.ee/record=b1226338*est

Программное обеспечение моделирования электрических схем, содержащих компоненты с распределенными параметрами : диссертация на соискание ученой степени кандидата технических наук

Kängsep, Eiko 1990 http://www.ester.ee/record=b4636612*est

Руководство по применению пакета прикладных программ анализа и оптимизации электронных схем "ПОИСК"

1983 https://www.ester.ee/record=b1271968*est

Стохастическое моделирование на компьютере и методические проблемы теории вероятностей

Koort, Ants Тезисы докладов Республиканской научно-технической конференции, посвященной Дню радио. Секция "Схемотехника" 1980 / с. 15-16 https://www.ester.ee/record=b1304217*est

Стохастическое моделирование на ЭЦВМ возникновения отказов при малых нагрузках

Koort, Ants Тезисы докладов научно-технической конференции, посвященной Дню радио 1974 / с. 15-16

https://www.ester.ee/record=b1294751*est

Структура и алгоритмы пакета прикладных программ анализа и оптимизации электронных схем "Поиск"

Laksberg, Edgar; Ess, Viktor Методы и средства обработки сигналов при наличии шумов 1982 / с. 31-38

https://www.ester.ee/record=b1312255*est <https://www.etera.ee/zoom/121735/view?page=1&p=separate&search=true&tool=search>

Ускорение определения параметров безотказности элементов радиотехнических схем

Koort, Ants Тезисы докладов Республиканской научно-технической конференции "Современные методы и устройства радиоэлектронного оборудования", посвященной Дню радио. [2], Секция: Компьютерный анализ сигналов и цепей 1981 / с. 7-8
https://www.ester.ee/record=b1310795*est

Цифровое моделирование измерителей частоты структурно-корреляционного типа

Kangur, Oleg; Ots, Avo Труды по радиотехнике : сборник статей. 2 1975 / с. 15-18 : илл https://www.ester.ee/record=b2190715*est
<https://digikogu.taltech.ee/et/Item/7c870ec1-0e49-4f2b-a354-8e2133afce48>

Численное моделирование неизотермических переходных процессов в силовых полупроводниковых приборах при воздействии мощного импульса прямого тока

Velvre, Enn; Freidin, Boris Электронное моделирование = Electronic modeling : международный научно-теоретический журнал 1983 / с. 73-76 https://www.ester.ee/record=b1291241*est

Численное моделирование ударного режима силовых полупроводниковых приборов с учетом электронно-дырочного рассеяния

Velvre, Enn; Nurste, Ivar; Freidin, Boris Численные методы и средства проектирования и испытания элементов РЭА : тезисы докладов. Том 1 1987 / с. 143-145 : ил https://www.ester.ee/record=b1273986*est

Эффективный алгоритм для одномерного численного моделирования полупроводниковых структур

Udal, Andres Численные методы и средства проектирования и испытания элементов РЭА : тезисы докладов. Том 1 1987 / с. 146-149 https://www.ester.ee/record=b1273986*est