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
Mõlder, Ago; **Märtens, 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, Helmuth; **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, Fatıma 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 Electrocardiology : June 27-July 1, 2004, Kyoto, Japan 2004 / [4] p

Computer-aided evaluation of blood vessel geometry from acoustic images
Lindström, Stefan B.; **Uhlin, 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.; Adebiyi, 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/ese_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/i/?454 https://www.ester.ee/record=b2539211*est

Diagnostic modelling of digital systems with multi-level decision diagrams
Ubar, Raimund-Johannes; **Raik, Jaan**; **Evartson, 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 realisatsioonini
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 koormusmudelite 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; Agren, 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
Göttsche, 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
Göttsche, 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.iiisci.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; **Iliste, 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 : väitekiri ... 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 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,

2015 2015 / p. 161-164 : ill

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 = Mitteparameetrilised 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, 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 : ill https://doi.org/10.36680/j.itcon.2024.046 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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 Nanoscal 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 = Parameetriline raamistik bioelektriliste signaalide modelleerimiseks
Muhammad, Yar 2015 http://www.ester.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.ester.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, Srini 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 elektrotechnika = 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; Liibusk, 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

Conference : proceedings of the 11th Biennial Baltic Electronics Conference : Tallinn University of Technology : October 6-8, 2008, Tallinn, Estonia 2008 / p. 203-206

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; **Nõmm, 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, Tunesia, 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**; **Evartson, 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/i/?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]
Ågren, 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 Artice 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
Velmre, 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
Velmre, 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 кандитата 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: Компютерный 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
Velmre, 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
Velmre, 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