

A modification of the classical Ekman model accounting for the Stokes drift and stratification effects

Heinloo, Jaak; Toompuu, Aleksander Environmental fluid mechanics 2011 / [13] p. : ill

A multicomponent film model and evaluation of interfacial fluxes

Kallas, Juha Chemical engineering science = Le journal international de génie chimique 1980 / p. 464-465

https://www.ester.ee/record=b1199741*est

A vortex ring model and its applications

Kaplanski, Felix Abstract: <http://www2.math.kyushu-u.ac.jp/~masato/npa-old/index.html> : Seminar on Nonlinear Phenomena and Analysis, Kyushu University, Fukuoka, Japan, 28 January 2010

Aasta e-kursuse tiitli pävis TalTechi veektorustike modelleerimise kursus

Mente et Manu 2021 / lk. 10 : fot https://www.ester.ee/record=b1242496*est

Abstract on the dynamics of the river bulge using satellite imagery and numerical model, case study of Daugava river bulge

Soosaar, Edith; Uiboupin, Rivo; Skudra, Maris; Maljutenko, Ilja; Raudsepp, Urmas 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 61 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Accurate prediction of international trade flows : leveraging knowledge graphs and their embeddings

Rincon-Yanez, Diego; Ounoughi, Chahinez; Sellami, Bassem; Kalvet, Tarmo; Tiits, Marek; Senatore, Sabrina; Ben Yahia, Sadok Journal of King Saud University - computer and information sciences 2023 / art. 101789, 11 p

<https://doi.org/10.1016/j.jksuci.2023.101789> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Data acquisition workflow utilizing lod3 geometry templates and point clouds for urban building energy modelling

Ilste, Elisa; Pikas, Ergo; Kalamees, Targo; Viik, Joosep Proceedings of the 2024 European Conference on Computing in Construction 2024 / p. 689-696 <https://doi.org/10.35490/EC3.2024.221> Conference proceedings at Scopus Article at Scopus

Advanced Modelling Frameworks for the Digital Twin of an Autonomous Electric Vehicle Propulsion Drive System = Autonomoose elektrisõiduki veoelektriajami digitaalse kaksiku täiustatud modelleerimise raamistikud

Mohamed, Mahmoud Ibrahim Hassanin 2025 <https://digikogu.taltech.ee/et/Item/6df09867-e34b-45f1-b04e-b97c08b90589>

https://www.ester.ee/record=b5746300*est <https://doi.org/10.23658/taltech.31/2025>

Advances in characteristics analysis, measurement methods and modelling of flow dynamics in airlift reactors

Zhang, Tao; Wei, Chaohai; Feng, Chunhua; Preis, Sergei Chemical engineering and processing : process intensification 2019 / art. 107633, 19 p. : ill <https://doi.org/10.1016/j.cep.2019.107633> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Agent-oriented engineering of trust management systems

Zupancic, Eva; Trcek, Denis; Taveter, Kuldar AT 2012 : Agreement Technologies : proceedings of the First International Conference on Agreement Technologies : Dubrovnik, Croatia, October 15-16, 2012 2012 / p. 349-350

https://www.researchgate.net/publication/265087406_Agent-Oriented_Engineering_of_Trust_Management_Systems

Agent-oriented modelling for simulation of complex environments

Shvartsman, Inna; Taveter, Kuldar; Parmak, Merle; Meriste, Merik Proceedings of the International Multiconference on Computer Science and Information Technology (IMCSIT 2010) : Wisla, Poland, 18-20.10.2010 2010 / p. 209-216 : ill <https://annals-csis.org/proceedings/2010/pliks/177.pdf>

An analogue of melt segregation and accumulation processes in the Earth's crust

Urtson, Kristjan; Soesoo, Alvar Estonian journal of earth sciences 2007 / 1, p. 3-10 : ill

An approach to the modelling of electrical machines

Lehtla, Tõnu EPE'97 : 7th European Conference on Power Electronics and Applications, 8-10 September 1997, Trondheim, Norway : proceedings 1997 / [5] p

An attempt for an Amazon geoid model using Helmert gravity anomaly

Blitzkow, D.; Matos, A.C.O.C.de; Campos, I.O.; Ellmann, Artu; Vanicek, P.; Santos, M.C. Observing our changing Earth : proceedings of the 2007 IAG General Assembly : Perugia, Italy, July 2-13, 2007 2009 / p. 187-194 : ill

https://www.researchgate.net/publication/226489398_An_Attempt_for_an_Amazon_Geoid_Model_Using_Helmert_Gravity_Anomaly

An investigation of anticyclonic circulation in the southern Gulf of Riga during the spring period

Soosaar, Edith; Maljutenko, Ilja; Raudsepp, Urmas; Elken, Jüri Continental shelf research 2014 / p. 75-84 : ill

<https://doi.org/10.1016/j.csr.2014.02.009> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An OLAP cube based development method of information systems

Lemmik, Rivo Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [II] 2010 / p. 584-588

An ontological analysis of metamodeling languages

Eessaar, Erki; Sgirka, Rünno Information systems development : reflections, challenges and new directions 2013 / p. 381-392

Analysis of the impact of predictive models on the quality of the model predictive control for an experimental building

Proceedings of Building Simulation 2021: 17th Conference of IBPSA 2022 / p. 302-309 <https://doi.org/10.26868/25222708.2021.30566>

Analyzing the dynamics and stability of DQ0 systems based on a Port-Hamiltonian approach

Levron, Yoash; **Kaparin, Vadim; Belikov, Juri** 2019 27th Mediterranean Conference on Control and Automation (MED) 2019 / p. 410-415 : ill <https://doi.org/10.1109/MED.2019.8798495>

An analytical model for a nearfield of an ultrasonic transducer using evolution equations = Ultraheligenaatori lähisvälja kirjeldamine evolutsioonivõrrandite abil : magistritöö

Feldmann, Mati 1992 http://www.ester.ee/record=b2630616*est

Applicability of spiral drawing test for mental fatigue modelling

Senkiv, Olesja; Nömm, Sven; Toomela, Aaro IFAC-PapersOnLine 2019 / p. 190-195 : ill <https://doi.org/10.1016/j.ifacol.2019.01.064>
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Application of 13C and fluorescence labeling in metabolic studies of Saccharomyces spp

Nisamedtinov, Ildar 2006 <https://digi.lib.ttu.ee/i/?91> https://www.ester.ee/record=b2195814*est

Application of Mindlin Theory to Describe the Scattering of Guided Waves From Notches in a Plate

Rasheed, Usman; Lints, Martin; Ratassep, Madis ASME 2022 49th Annual Review of Progress in Quantitative Nondestructive Evaluation (QNDE2022) 2022 <https://event.asme.org/Events/media/library/resources/qnde/QNDE-2022-Final-Program.pdf> <https://qnde.secure-platform.com/a/solicitations/178/sessiongallery/11537/application/98050>

Application of modelling tools in Estonian oil shale mining area

Karu, Veiko; Västriik, Aire; Valgma, Ingo Oil shale 2008 / 2S, p. 135-144 : ill
https://www.researchgate.net/publication/220009284_APPLICATION_OF_MODELING_TOOLS_IN_ESTONIAN_OIL_SHALE_MINING_AREA

Application of neural networks based ANARX structure to backing up control of a truck-trailer [Electronic resource]

Belikov, Juri; Petlenkov, Eduard; Nömm, Sven 6th IFAC Symposium on Intelligent Autonomous Vehicles : IFAC \IAV 2007 : September 3-5, 2007, Toulouse, France : symposium proceedings CD ROM 2007 / [5] p. [CD-ROM]
<https://www.sciencedirect.com/science/article/pii/S147466701634647X>

Archetypes based development from the perspective of domain engineering research topics

Tepandi, Jaak; Piho, Gunnar; Puusep, Viljam MIPRO 2012 : 35th International Convention on Information and Communication Technology, Electronics and Microelectronics : May 21 - 25, 2012, Opatija, Croatia : proceedings 2012 / p. 686-691 : ill
<https://ieeexplore.ieee.org/document/6240733>

Archetypes based techniques for modelling of business domains, requirements and software

Piho, Gunnar; Tepandi, Jaak; Roost, Mart Information modelling and knowledge bases XXIII 2012 / p. 219-238 : ill
https://www.researchgate.net/publication/289665301_Archetypes_based_techniques_for_modelling_of_business_domains_requirements_and_software

Arvutitest ja maailma mudelitest

Võhandu, Leo A & A 2009 / 4, lk. 34-38

Assessment of marine geoid models by ship-borne GNSS profiles in the Gulf of Finland ; S3-P21

Varbla, Sander; Ellmann, Artu; Gruno, Anti 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. 81

Assessment of paleo-recharge under the Fennoscandian Ice Sheet and its impact on regional groundwater flow in the northern Baltic Artesian Basin using numerical model

Sterckx, Arnaud; Lemieux, Jean-Michel; **Vaikmäe, Rein** Hydrogeology journal 2018 / p. 2793-2810 : ill <https://doi.org/10.1007/s10040-018-1838-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assimilation of observed sea surface temperature and salinity, using subregional EOF patterns from models

Zujev, Mihhail; Elken, Jüri; Lagemaa, Priidik 7th IEEE/OES Baltic Symposium Clean and Safe Baltic Sea and Energy Security for the Baltic countries : abstract book : 12-15 June 2018 Klaipėda, Lithuania 2018 / p. 65 http://balticvalley.lt/baltic2018/wp-content/uploads/2018/06/abstract-book_7th_Baltic-Symposium_20180528.pdf

Automaatika [Võrguväljaanne]

Lehtla, Tõnu; Rosin, Argo 2001 <http://www.ene.ttu.ee/elektriamid/Leonardo/automaatika/index.html>

Automatic creation of a company model using functional requirements

Sonk, Kaimo Annals of DAAAM for 2011 & proceedings of the 22nd International DAAAM Symposium "Intelligent Manufacturing & Automation : Power of Knowledge and Creativity" : 23-26 November 2011, Vienna, Austria 2011 / p. 1453-1454 : ill https://www.researchgate.net/publication/290729071_Automatic_creation_of_a_company_model_using_functional_requirements

Automation of chemical plant modelling

Aarna, Olav Automatica 1980 / p. 649-661 https://www.estee.ee/record=b1199422*est [https://doi.org/10.1016/0005-1098\(80\)90007-2](https://doi.org/10.1016/0005-1098(80)90007-2)

Automation, Simulation & Measurement : 3rd biennial conference : Tallinn, Estonia, October 7-11, 1991 =

Automatiseerimine, modelleerimine ja mõõtmine : 3. rahvusvaheline konverents

1992 http://www.estee.ee/record=b1064031*est

Automation, simulation & measurement. Section A, Automation. Section M, Measurement : 3rd biennial conference :

Tallinn, Estonia, October 7-11, 1991 = Automatiseerimine, modelleerimine ja mõõtmine : 3. rahvusvaheline konverents

1992 http://www.estee.ee/record=b1064034*est

Autonomous driving validation and verification using digital twins

Pikner, Heiko; Malayjerdi, Mohsen; Bellone, Mauro; Baykara, Baris Cem; Sell, Raivo Proceedings of the 10th International Conference on Vehicle Technology and Intelligent Transport Systems - VEHTS ; Vol. 1 2024 / p. 204-211

<https://doi.org/10.5220/0012546400003702> [Conference Proceeding at Scopus](#) [Article at Scopus](#)

Balmorel open source energy system model

Wiese, Frauke; Bramstoft, Rasmus; Koduvere, Hardi; Pizarro Alonso, Amalia Energy strategy reviews 2018 / p. 26-34 : ill

<https://doi.org/10.1016/j.esr.2018.01.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Baltimaade ägedaim seade : TTÜ uues laboris saab modelleerida elektrisüsteeme

Kamps, Mari Inseneria 2017 / lk. 32-33 : fot https://artiklid.elnet.ee/record=b2810866*est

Behavior modeling of faulty complex VLSIs : why and how?

Leveugle, R. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 191-194: ill

Behavioral level modeling of digital systems for testing purposes

Ubar, Raimund-Johannes 42nd International Conference, Ilmenau, Germany, September 22-25, 1997. Part 1 1997 / p. 510-515

Block diagram modeling and simulation in a bond graph framework

Pastravanu, Adriana; Gogu, Mircea BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 221-224: ill

A bone-remodeling scheme from optimality criteria

Bagge, Mette Tenth Nordic Seminar on Computational Mechanics, Tallinn Technical University, October 24-25, 1997 1997 / p. 192-195: ill

Building morphology influence on outdoor comfort in urban environments. An analysis through machine learning

Eslamirad, Nasim; De Luca, Francesco; Lylykangas, Kimmo Sakari Proceedings of the 12th Annual Symposium on Simulation for Architecture and Urban Design 2021 <http://www.simaud.org/2021/program.php>

Calculation of optimal design for knee joint smart orthosis

Turchinovich, Nikita; Krokhalava, Nadezhda; Monahov, Yury; Sivitski, Alina; Perepelkina, Svetlana; Penkov, Igor; Arjassov, Gennadi Proceedings of the 11th International Conference of DAAAM Baltic Industrial Engineering : 20-22th April 2016, Tallinn, Estonia 2016 / p. 214-218 : ill <http://innomet.ttu.ee/daaam/>

Calm-water performance of a boat with two swept steps at high-speeds: Laboratory measurements and mathematical modeling

Niazmand Bilandi, Rasul; Vitiello, Luigi; Mancini, Simone; Nappo, Vincenzo; Roshan, Fatemeh; Tavakoli, Sasan; Dashtimanesh, Abbas Procedia manufacturing 2020 / p. 467-474 : ill <https://doi.org/10.1016/j.promfg.2020.02.046>

Carrier level-shifted based control method for the PWM 3L-T-Type qZS inverter with capacitor imbalance compensation

Roncero-Clemente, Carlos; Romero-Cadaval, Enrique; Ruiz-Cortes, Mercedes; Husev, Oleksandr IEEE transactions on industrial electronics 2018 / p. 8297-8306 : ill <https://doi.org/10.1109/TIE.2018.2814020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Case studies of the proposed modelling and simulation methodology

Karaulova, Tatjana; Papstel, Jüri DAAAM international scientific book 2004 2004 / p. 303-312 : ill

Cd²⁺ and Zn²⁺ sorption on apatite in the presence of EDTA and humic substance

Viipsi, Karin; Sjöberg, Staffan; Tõnsuaadu, Kaia; Shchukarev, Andrey Proceedings of the 16th International Conference on Heavy Metals in the Environment : Rome, Italy, September 23-27, 2012 2013 / p. 01008-p.1-01008-p.4 : ill

CFD modelling of solid-liquid suspension flow in a horizontal pipe [Electronic resource]

Yang, Guangyu; Enqvist, Yuko; Qu, Haiyan; Louhi-Kultanen, Marjatta; **Kallas, Juha**; Wang, J. ECCE-6 proceedings : 6th European Congress on Chemical Engineering (ECCE-6) : Copenhagen, 16-21 September 2007 / ? p. [CD-ROM]
https://folk.ntnu.no/skoge/prost/proceedings/ecce6_sep07/upload/1132.pdf

Characterisation and modelling of erosion wear of powder composite materials and coatings

Kulu, Priit; Veinthal, Renno; Käerdi, Helmo International journal of materials & product technology 2007 / 3/4, p. 425-447 : ill

Characterization and modelling of erosion wear of powder composite materials and coatings

Veinthal, Renno 2005 https://www.ester.ee/record=b2097488*est

Characterization of the free plume created by stoves using laboratory measurements

Thalfeldt, Martin; Georges, Laurent; Skreiberg, Øyvind Roomvent&Ventilation 2018 : Excellent Indoor Climate and High Performing Ventilation : proceedings 2018 / p. 505-510 : ill <https://www.lyyti.fi/e/?p=s&k=76eA857eee2A33adcE00b0E>
https://www.lyyti.fi/reg_att/efA658E7F74904eE7C/191245506eEbEE37F1fb.pdf

Chirp pulse excitation in the impedance spectroscopy of dynamic subjects - signal modelling in time and frequency domain

Min, Mart; Land, Raul; Annus, Paul; Ojarand, Jaan Lecture notes on impedance spectroscopy : measurement, modeling and applications. Vol. 1 2011 / p. 79-82 <https://www.taylorfrancis.com/chapters/edit/10.1201/b11339-17/chirp-pulse-excitation-impedance-spectroscopy-dynamic-subjects%E2%80%9494signal-modelling-time-frequency-domain-min-land-annus-ojarand>

Circulation centrifugal pump with variable speed drives and minimal electricity consumption

Vodovozov, Valery; Gevorkov, Levon; Raud, Zoja 11th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG 2017) : Cadiz, Spain, 4-6 April 2017 2017 / p. 334-339 : ill
<http://dx.doi.org/10.1109/CPE.2017.7915193>

CO₂ mineral trapping : modeling of calcium carbonate precipitation in a semi-batch reactor

Velts, Olga; Uibu, Mai; Kallas, Juha; Kuusik, Rein; Keemik Energy procedia 2011 / p. 771-778 : ill

Co-culture process development using individual substrates

Kattel, Anna; Morell, Indrek; **Aro, Valter; Nahku, Ranno; Vilu, Raivo** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 28

Code coverage analysis using high-level decision diagrams [Electronic resource]

Raik, Jaan; Reinsalu, Uljana; Ubar, Raimund-Johannes; Jenihhin, Maksim; Ellervee, Peeter 2008 IEEE Design and Diagnostics of Electronic Circuits and Systems : Bratislava, Slovakia, April 16-18, 2008 2008 / p. 201-207 : ill. [CD-ROM]
<https://ieeexplore.ieee.org/document/4538786>

Communication modelling and synthesis for NoC-based systems with real-time constraints

Tagel, Mihkel; Ellervee, Peeter; Hollstein, Thomas; Jervan, Gert Proceedings of the 2011 IEEE Symposium on Design and Diagnostics of Electronic Circuits and Systems : April 13-15, 2011, Gottbus, Germany 2011 / p. 237-242 : ill
<https://www.semanticscholar.org/paper/Communication-modelling-and-synthesis-for-NoC-based-Tagel-Ellervee/71f9595d88ed06b63367b87188b218fe6da6bd97>

A comparison of Baltic Sea wave properties simulated using two modelled wind data sets

Giudici, Andrea; Jankowski, Mikolaj Zbigniew; Männikus, Rain; Najafzadeh, Fatemeh; Suursaar, Ülo; Soomere, Tarmo Estuarine, coastal and shelf science 2023 / art. 108401, 15 p. : ill <https://doi.org/10.1016/j.ecss.2023.108401> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparison of deep learning models for multivariate prediction of time series wind power generation and temperature

Mishra, Sambeet; Bordin, Chiara; Taharaguchi, Kota; **Palu, Ivo** Energy reports 2020 / p. 273-286
<https://doi.org/10.1016/j.egy.2019.11.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparison of different physiological parameters for heart rate modelling in rate adaptive cardiac pacing

Lass, Jaanus; Hinrikus, Hiie; Meigas, Kalju; Kaik, Jüri Proceedings of International Conference Biomedical Engineering, Kaunas University of Technology, 16-17 October 1997 1997 / p. 122-125: 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

Comparison of methods applied for Marine Geoid Modelling in the Baltic Sea project FAMOS

Agren, Jonas; Schwabe, Joachim; Saari, T.; **Ellmann, Artu**; Forsberg, R. IUGG 2019 : abstract book 2019 / [1] p., abstract: IUGG19-2965 <http://iugg2019montreal.com/abstract-book.html>

A comparison of plug flow models in the modelling of three phase monolith reactors

Salmi, T.; Turunen, I.; Wärna, J.; **Reinik, Janek** 12th International Congress of Chemical and Process Engineering : CHISA'96, Praha, Czech Republic, 25-30 August 1996 : summaries. 2, Reaction Engineering 1996 / p. 16

Comparison of the impact of different household occupancies on load matching algorithms

Häring, Tobias; Ahmadihangar, Roya; Rosin, Argo; Biechl, Helmuth; **Korötko, Tarmo** 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärda, Estonia, June 12-15, 2019 : proceedings 2019 / 6 p. : ill <https://doi.org/10.1109/PQ.2019.8818270>

Comparison of the RANS and PDF methods for air-particle flows

Kartušinski, Aleksander; Michaelides, Efsthios; Zaichik, Leonid International journal of multiphase flow 2009 / 10, p. 914-923 : ill <https://www.sciencedirect.com/science/article/abs/pii/S0301932209000986>

Comparison of two one-dimensional nitrogen leaching models at the watershed scale

Vassiljev, Anatoli Environmental engineering science 2006 / 1, p. 225-229 : ill <https://www.liebertpub.com/doi/10.1089/ees.2006.23.225>

Compilation of heterogeneous models : motivations and challenges

Bordin, Matteo; **Näks, Tõnu; Toom, Andres**; Pantel, Marc ERTS2 2012 : Embedded Real Time Software and Systems : [1st - 3rd February 2012, Toulouse, France : proceedings] 2012 / [10 p.] <https://www.adacore.com/papers/compilation-of-heterogeneous-models-motivations-and-challenges1>

Compilation of heterogeneous models : motivations and challenges

Bordin, Matteo; **Näks, Tõnu; Toom, Andres**; Pantel, Marc 6th European Congress ERTS2 2012 : Embedded Real Time Software and Systems : 1-3 February 2012, Toulouse, France : book of abstracts 2012 / p. 147 <https://www.adacore.com/papers/compilation-of-heterogeneous-models-motivations-and-challenges1>

Complex signal classification algorithms based on the third-order statistical models

Lossmann, Eerik 1999 http://www.ester.ee/record=b1273070*est

A Comprehensive Study of Partial Discharge Based Extrinsic Aging in Nomex Insulation Films : Modeling, Simulation and Measurement

Choudhary, Maninder; Shafiq, Muhammad; Bhattarai, Abhinav; **Kiitam, Ivar; Taklaja, Paul; Palu, Ivo** Electric Power Systems Research 2025 / art. 111663 <https://doi.org/10.1016/j.eprsr.2025.111663>

A computational workflow for generating a voxel-based design approach based on subtractive shading envelopes and attribute information of point cloud data

Alkadri, Miktha Farid; **De Luca, Francesco**; Turrin, Michel; Sariyildiz, Sevil Remote sensing 2020 / art. 2561 ; 28 p. : ill <https://doi.org/10.3390/rs12162561> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Computer models for simulation and control of a traction supply system [Electronic resource]

Lehtla, Madis; Laugis, Juhan EPE-PEMC 2006 : 12th International Power Electronics and Motion Control Conference : Portorož, Slovenia, August 30 - September 1, 2006 : proceedings 2006 / p. 1372-1377 : ill. [CD-ROM] https://www.researchgate.net/publication/224382843_Computer_Models_for_Simulation_and_Control_of_a_Traction_Supply_System

Conceptual design framework supported by dimensional analysis and System Modelling Language

Christophe, Francois; **Sell, Raivo**; Coatanea, Eric Estonian journal of engineering 2008 / 4, p. 303-316 : ill <https://www.semanticscholar.org/paper/Conceptual-design-framework-supported-by-analysis-Christophe-Sell/31bd3a8baf71159f4eb573fec39283598988310e>

A conceptual design method for the general electric vehicle

Sell, Raivo; Tamre, Mart; Lehtla, Madis; Rosin, Argo Estonian journal of engineering 2008 / 1, p. 3-16 : ill <https://doi.org/10.3176/eng.2008.1.01>

Conflict expansion in an information rich society : feasibility of corrective actions

Tepandi, Jaak; Vassiljev, Stanislav Innovations and advances techniques in systems, computing sciences and software engineering 2008 / p. 231-236 https://link.springer.com/chapter/10.1007/978-1-4020-8735-6_44

Construction of water network model

Kändler, Nils; Koppel, Tiit; Vassiljev, Anatoli 4th International Congress and Trade Fair "Water : Ecology and Technology" : ECWATECH-2000 : Moscow, 30 May - 2 June 2000 : abstracts 2000 / p. 246-247

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

Leinakse, Madis; Kilter, Jako Mediterranean Conference on Power Generation, Transmission, Distribution and Energy Conversion (MEDPOWER 2018) : Dubrovnik, Croatia, 12-15 November 2018 / 5 p <https://doi.org/10.1049/cp.2018.1882>

Co-pyrolysis of woody biomass and oil shale — a kinetics and modelling study

Lyons Ceron, Alejandro; Ochieng, Richard; Sarker, Shiplu; Järvik, Oliver; Konist, Alar Energies 2024 / art. 1055
<https://doi.org/10.3390/en17051055> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Creation of a supportive model for designing and improving the performance management system of an organisation. Case studies = Organisatsiooni tegevusedukuse juhtimissüsteemi kujundamist ja täiendamist toetava mudeli loomine. Juhtumiuuringud

Kadak, Tarmo 2011

Crowd evacuation using agent-based model in VR simulation

Wang, Ruxin 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings] 2019 / p. 85-86 : ill
https://www.ester.ee/record=b5183874*est

Currents of the Gulf of Finland: instrumental measurements and numerical hydrodynamic modeling

Sukhachev, V.; Zakharchuk, E.; Lips, Urmas; Tikhonova, N.; Suhhova, Irina From small scales to large scales - The Gulf of Finland Science Days 2017, 9th-10th October 2017, Estonian Academy of Sciences, Tallinn : Oral presentations 2017 / p. 62
https://www.etis.ee/File/DownloadPublic/ebda3e4a-2eb0-4f26-971f-f16046bc0bed?name=TheGulfOfFinlandScienceDays_2017.pdf&type=application%2Fpdf

Data assimilation of sea surface temperature and salinity using basin-scale reconstruction from empirical orthogonal functions : a feasibility study in the northeastern Baltic Sea

Zujev, Mihhail; Elken, Jüri; Lagemaa, Priidik Ocean science 2021 / p. 91–109 : ill <https://doi.org/10.5194/os-17-91-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Database driven hydraulic model creation procedure

Koor, Margus; Puust, Raido; Vassiljev, Anatoli; Koppel, Tiit WDSA 2012 : 14th Water Distribution Systems Analysis Conference : 24-27 September 2012 in Adelaide, South Australia 2012 / p. 407-414
https://www.researchgate.net/publication/289399341_Database_driven_hydraulic_model_creation_procedure

Database driven updatable hydraulic model for decision making

Koor, Margus; Puust, Raido; Vassiljev, Anatoli Procedia engineering 2014 / p. 959-968 : ill
<https://doi.org/10.1016/j.proeng.2014.02.107> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Data-driven urban modelling : the case of explainable detection of urban heat island = Andmepõhine linnamodelleerimine : soojussaarte seletatav tuvastamine

Eslamirad, Nasim 2023 https://www.ester.ee/record=b5645371*est <https://doi.org/10.23658/taltech.68/2023>
<https://digikogu.taltech.ee/et/Item/ff9725f6-fc34-474c-ad5b-0ed6128127ee> https://www.ester.ee/record=b5645371*est

Defining the extent of coastal zone for ecosystem-based management

Lessin, Gennadi; Raudsepp, Urmas US/EU-Baltic International Symposium : Ocean observations, ecosystem-based management & forecasting : May 27-29, 2008, Tallinn, Estonia : book of abstracts 2008 / p. 84

Definition of a reference residential building prototype for evaluating IAQ and energy efficiency strategies – Estonia

Palmiste, Ülar Lumilaan, Areenika Subtask 2: Pollutant loads in residential buildings (Common exercises) 2020 / p. 97–113 : ill
https://iea-ebc.org/Data/publications/EBC_Annex_68_Subtask_2_Report_Part_II_October_2020.pdf

DefSim: a remote laboratory for studying physical defects in CMOS digital circuits

Pleskacz, Witold A.; Stopjakova, Viera; Borejko, Tomasz; Jutman, Artur Walkanis, Andrzej IEEE transactions on industrial electronics 2008 / 6, p. 2405-2415 : ill
https://www.researchgate.net/publication/3219964_DefSim_A_Remote_Laboratory_for_Studying_Physical_Defects_in_CMOS_Digital_Circuits

Depth-dependent hydraulic roughness and its impact on the assessment of hydropeaking

Kopecki, Ianina; Schneider, Matthias; Tuhtan, Jeffrey Andrew Science of the total environment 2017 / p. 1597-1605 : ill
<https://doi.org/10.1016/j.scitotenv.2016.10.110> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Detailed modeling of sorptive and textural properties of CaO-based sorbents with various porous structures

Bazaikin, Ya.V.; Malkovich, E.G.; Prokhorov, D.I.; Derevshchikov, Vladimir Separation and purification technology 2021 / art. 117746, 12 p. : ill <https://doi.org/10.1016/j.seppur.2020.117746> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of a mathematical model for performance prediction of planing catamaran in calm water

Ghassemzadeh, Abbas; **Dashtimanesh, Abbas**; Habibiasl, M.; Sahoo, P. International journal of maritime engineering 2019 / art.: IJME 538, p. 183–194 https://www.rina.org.uk/IJME_538.html <http://dx.doi.org/10.3940/rina.ijme.2019.a2.538>

Development of data assimilation for numerical forecasts in Estonian marine areas = Eesti merealade prognoosisüsteemi arendamine vaatlusandmete assimileerimise abil

Zujev, Mihhail 2021 https://www.ester.ee/record=b5436054*est <https://digikogu.taltech.ee/et/item/51c555c7-9658-4e49-b543-3c77a6c1cf19>
<https://doi.org/10.23658/taltech.35/2021>

Development of database of business processes for SME on the base of quality system

Karaulova, Tatjana; Otto, Tauno Annals of DAAAM for 2005 & proceedings of the 16th International DAAAM Symposium "Intelligent Manufacturing & Automation : Focus on Young Researches and Scientists" : 19-22nd October 2005, Opatija, Croatia 2005 / p. 179-180 : ill <https://www.thefreelibrary.com/Development+of+database+of+business+processes+for+SME+on+the+base+of+...-a0176688336>

Development of fire design models for timber frame assemblies. State of the art AD2018

Just, Alar Timber : bonds, connections and structures : commemorative publication honoring Simon Aicher on the occasion of his 65th birthday 2018 / p. 317–330

Development of numerical semiconductor device models and their application in device theory and design

Udal, Andres 1998 http://www.ester.ee/record=b1158907*est

Development of numerical semiconductor device models and their application in device theory and design =

Pooljuhtseadiste numbriliste mudelite väljatöötamine ja rakendamine seadiste teoorias ja disainis : [a thesis ... of doctor of philosophy in engineering]

Udal, Andres 1998 http://www.ester.ee/record=b2688054*est

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](#)

Development of the US electric car market: macroeconomic determinants and forecasts

Sotnyk, Iryna; Hulak, Daniil; Yakushev, Oleksander; Yakusheva, Oksana; **Prokopenko, Olha**; Yevdokymov, Andrii Polityka energetyczna – energy policy journal 2020 / p. 147–164 <https://doi.org/10.33223/epj/127921>

Diagnostic modeling of digital systems with multi-level decision diagrams

Ubar, Raimund-Johannes; Raik, Jaan; Jutman, Artur; Jenihhin, Maksim Design and test technology for dependable systems-on-chip 2011 / p. 92-118 : ill https://www.researchgate.net/publication/344994231_Diagnostic_Modeling_of_Digital_Systems_with_Multi-Level_Decision_Diagrams

Diagnostic modeling of microprocessors with high-level decision diagrams

Ubar, Raimund-Johannes; Raik, Jaan; Jutman, Artur; Jenihhin, Maksim; Brik, Marina; Istenberg, Martin; Wuttke, Heinz-Dietrich 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. 147-150 : ill

Diagnostic modelling of digital systems with binary and high-level decision diagrams

Ubar, Raimund-Johannes; Raik, Jaan; Kruus, Helena; Lensen, Harri; Evertson, Teet Progress in industrial mathematics at ECMI 2006 2008 / p. 902-907 : ill https://link.springer.com/chapter/10.1007/978-3-540-71992-2_158

Digital measurement of periodic signals root-mean-square value

Citavicius, A. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 317-320: ill

Digital method of analyzing color parameters during PDF document verification

Holubnyk, Tetyana; Dubnevych, Myroslava; **Boyarchuk, Artem** ICyberPhyS 2025 : 2nd International Workshop on Intelligent and CyberPhysical Systems, Khmelnytskyi, Ukraine, July 04, 2025 2025 / p. 86-96 <https://ceur-ws.org/Vol-4013/paper7.pdf> [Scopus](#)

Dispersive effects during long wave run-up on a plane beach

Abdalazeez, Ahmed; Didenkulova, Irina; Dutykh, Denys Advances in Natural Hazards and Hydrological Risks : Meeting the Challenge : proceedings of the 2nd International Workshop on Natural Hazards (NATHAZ'19), Pico Island—Azores 2019 2019 / p. 143-146 https://doi.org/10.1007/978-3-030-34397-2_28 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

A distributed model of ionomeric polymer metal composite

Punning, Andres; Johanson, Urmas; Anton, Mart; Aabloo, Alvo; **Kruusmaa, Maarja** Journal of intelligent material systems and structures 2009 / p. 1711-1724 : ill <https://doi.org/10.1177/1045389X0933717>

Double-curved surface forming process modeling

Velsker, Tarmo; Majak, Jüri; Eerme, Martin; Pohlak, Meelis Proceedings of the 7th International Conference of DAAAM Baltic

Dynamic concepts for business model generation

Wahl, Mike Franz; Prause, Gunnar Klaus International Conference : Entrepreneurship and Innovation as Key Drivers of Regional Development : Ventspils, Latvia, 15-16 July 2013 : conference materials, abstract book 2013 / p. 16

Dynamic modelling of a turbo-prop aircraft using the U-vector expansion method

Gustavsson, Mats Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 163-166: ill

Dynamics of axially graded nanobeams with follower force effect

Arda, Mustafa; **Mehrparvar, Marmar; Karjust, Kristo** International Conference of Numerical Analysis and Applied Mathematics ICNAAM2022 : Heraklion, Freece, 19-25 September 2022 2024 / art. 230005 <https://pubs.aip.org/aip/acp/article-abstract/3094/1/230005/3297087/Dynamics-of-axially-graded-nanobeams-with-follower> <https://doi.org/10.1063/5.0210131> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Economics and PA: public choice theory, transaction vosts theory, theory of expectations, and the enduring influence of economics modeling on PA-comparing the debate in the US and Europe

Tõnurist, Piret; Baekgaard, Martin The Palgrave Handbook of Public Administration and Management in Europe 2018 / p. 1105-1120 https://doi.org/10.1057/978-1-137-55269-3_56

Eelppingestatud silindriliste raudbetoonkoorikute arvutamine ja modelleerimine

Sumbak, Allan 1959 http://www.ester.ee/record=b2143836*est

Eesti pangandussüsteemi arengu modelleerimine

Aarma, August; Vainu, Jaan Haridus ja majandus 2003 : rahvusvahelise teaduskonverentsi materjalid 2003 / lk. 9-10

Eestis arendati välja pördajalgne robot

Godon, Simon Pierre Imeline Teadus 2025 / lk. 21 : fot https://www.ester.ee/record=b2747925*est

Effects of stator core welding on an induction machine – measurements and modeling

Sundaria, Ravi; Daem, Andries; Osemwinyen, Osaruyi; Lehtikoinen, Antti; Sergeant, Peter; Arkkio, Antero; **Belahcen, Anouar** Journal of Magnetism and Magnetic Materials 2020 / art. 166280 <https://doi.org/10.1016/j.jmmm.2019.166280> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of step configuration on hydrodynamic performance of one- and doubled-stepped planing flat plates: A numerical simulation

Dashtimanesh, Abbas; Roshan, Fatemeh; Tavakoli, Sasan; Kohansal, Ahmadreza; Barmala, Bahare Proceedings of the institution of mechanical engineers, part M: journal of engineering for the maritime environment 2020 / p. 181-195 <https://doi.org/10.1177/1475090219851917>

Ehituslike ruumstruktuuride mudelkatsetused

Tärno, Ülo 2003 https://www.ester.ee/record=b1763986*est

Ehitusliku projekteerimise tehnoloogia modelleerimine

Fenota, A.; Sutt, Jüri; Õun, E. XXXII üliõpilaste teaduslik-tehnilise konverentsi ettekannete teesid : pühendatud V. I. Lenini 110. sünniaastapäevale : 16.-18. aprill 1980 1981 / lk. 151 https://www.ester.ee/record=b1322611*est

EJC2005 : proceedings of the 15th European-Japanese Conference on Information Modelling and Knowledge Bases : May 16-19, 2005, Tallinn

2005 http://www.ester.ee/record=b2045296*est

Electrical and control engineering

Kalm, Evald 1990 https://www.ester.ee/record=b1233571*est

Electrolysis waste heat utilization towards district heating – a case study for Norway

Kauko, Hanne; Tommasini, Davide; Marx, Nicolas; Wimmer, Yannick; Reuter, Stefan; Puschnigg, Stefan; Moser, Simon; **Volkova, Anna; Ali, Hesham Abed Al-Same Jamil** 10th International Conference on Smart Energy Systems : Book of Abstracts 2024 / p. 251-252 <https://vbn.aau.dk/da/publications/book-of-abstracts-10th-international-conference-on-smart-energy-s-2>

Elektrimasinate soojusarvutus on uute masinate projekteerimisel määrava tähtsusega

Vaimann, Toomas Elektriala 2020 / lk. 12-13 : ill http://www.ester.ee/record=b1240496*est

Elektronskeemide modelleerimise dialoogsüsteem "POISK"

Laksberg, Edgar; Nelus, K.; **Ess, Viktor** Side. Raadio. Televisioon : infoseeria 10 1985 / lk. 15-19 : joon https://www.ester.ee/record=b1232303*est

Elements of noise modeling in bipolar semiconductor devices

Blum, Alfons BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 11-27

Elutähtsate teenuste ristsõltuvuse analüüs

Laud, Peeter; **Bahsi, Hayretdin; Lenin, Aleksandr**; Mändmaa, Kalev; **Priisalu, Jaan**; Tuuling, Reedik Sõjateadlane 2020 / lk. 207-237 https://www.ester.ee/record=b4555087*est

Empirical modelling of cake washing in a pressure filter

Huhtanen, Mikko; **Kallas, Juha** Separation science and technology 2012 / p. 1102-1112 : ill <https://www.tandfonline.com/doi/full/10.1080/01496395.2011.644877>

Enabling cross-layer reliability and functional safety assessment through ML-based compact models

Alexandrescu, Dan; **Balakrishnan, Aneesh**; Lange, Thomas; Glorieux, Maximilien Proceedings : 2020 26th IEEE International Symposium on On-Line Testing and Robust System Design : IOLTS 2020, Napoli, Italy, July 13-16, 2020 : virtual edition 2020 / 6 p. : ill <https://doi.org/10.1109/IOLTS50870.2020.9159750>

End-user electricity consumption modelling for power quality analysis of residential buildings

Iqbal, Muhammad Naveed; Kütt, Lauri 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. 59-62 : ill http://ise.elnet.ee/record=b2950015~S2*est

Engineering societal information systems by agent-oriented modeling

Taveter, Kuldar; Du, Hongying; Huhns, Michael N. Journal of ambient intelligence and smart environments 2012 / p. 227-252 <https://content.iospress.com/articles/journal-of-ambient-intelligence-and-smart-environments/ais149>

Engineering-geological modelling of the Sillamäe radioactive tailings pond area = Sillamäe radioaktiivsete jäätmete hoidla territooriumi insener-geoloogiline modelleerimine

Torn, Hardi 2008 https://www.ester.ee/record=b2449439*est

Enhanced automatic calibration toolbox for SWMM5

Proceedings of the Eleventh International Conference on Engineering Computational Technology 2022 / Paper 14.1 <https://doi.org/10.4203/cc.2.14.1>

Enneta küberkurjategijad tema järgmist sammu ette nähes

Zimask, Villu Finantsjuhtimine : infoleht 2022 / lk. 8 http://www.ester.ee/record=b2082311*est <https://digikogu.taltech.ee/et/Item/5c41eec5-0c88-43c8-9294-c9f47e7c438b>

Equivalence of circuit models of dc-dc PWM converters

Niculescu, Elena; Vinatoru, M. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 101-104: ill

Estimating quality of transmission in a live production network using machine learning

Müller, Jasper; Fehenberger, Tobias; Patri, Sai Kireet; **Kaeval, Kaida**; Griesser, Helmut; Tikas, Marko; Elbers, Jörg-Peter 2021 Optical Fiber Communications Conference and Exhibition (OFC) : 6-10 June 2021 : San Francisco, CA, USA 2021 / paper Tu1G.2, 3 p <https://ieeexplore.ieee.org/abstract/document/9489940>

Estimation of agent-based modelling for cross-border infrastructure policy decision [Electronic resource]

Kornilov, Sergei; Põlajeva, Tatjana Doctoral school in economics and innovation : Kuressaare, August 6-9, 2013 2013 / 14 p. : ill. [CD-ROM]

Estimation of water residence time in rivers for large scale hydrochemical modelling

Liden, Rikard; **Vassiljev, Anatoli** XX Nordic Hydrological Conference, Helsinki, Finland, 10-13 August, 1998. Vol. 2 1998 / p. 576-585: ill

Estonia huku uurimine jätkub, kuigi valitsus pole lisaraha veel eraldanud [Võrguväljaanne]

Linnart, Mart err.ee 2022 [Estonia huku uurimine jätkub, kuigi valitsus pole lisaraha veel eraldanud](https://www.ester.ee/record=b4646644*est)

"Estonia" põhjakontakti modelleerimine ja avade tekkepõhjuste analüüs

Tabri, Kristjan Meremees : Eesti merendusajakiri = Estonian maritime magazine 2024 / lk. 20-24 : ill https://www.ester.ee/record=b4646644*est

Estonia uurimismeeskond tegi merepõhjas keerulisi ja aeganõudvaid töid

Ideon, Argo Maaleht 2023 / Lk. 10-11 <https://dea.digar.ee/article/maaleht/2023/08/03/11.2> Esimest korda ja väga hästi õnnestus vaadelda [Estonia autotekki: uurimismeeskond analüüsib kogutud materjali](#)

Estonian energy system and emissions modelling using markal model

Esop, Markko-Raul; Liik, Olev; Valdma, Mati; Landsberg, Mart Economics of greenhouse gas limitations : country study series : Estonia 1999 / p. 127-168: ill

Estonian social model in a comparative context [Electronic resource]

Kerem, Kaie; Pöder, Kaie Conference of the International Journal of Arts & Sciences : June 1-4, 2009, Bad Hofgastein, Austria 2009 / [12] p. [CD-ROM]

Ettevalmistav töö 3D mudeli loomiseks Encom Discoveri tarkvaraga

Riibe, Martin Kaevandamine ja keskkond 2012 / lk. 169-175 : ill <https://kirjandus.geoloogia.info/en/reference/33742>

Euroopat kütvate hoovuste tulevikku varjutab katastroofilumm

Reimann, Andres novaator.err.ee 2024 [Euroopat kütvate hoovuste tulevikku varjutab katastroofilumm](#)

Evaluating of sea surface heights from multi-mission satellite altimetry by utilizing hydrodynamic and geoid models

Mostafavi, Majid; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu Geodesy for a Sustainable Earth, Scientific Assembly of the International Association of Geodesy : abstract book 2021 / S5-032; 1 p https://mm.sciconf.cn/en/minisite/poster-detail-new/1646?poster_id=1566532

Evaluation of equivalent circuit diagrams and transfer functions for modeling of lithium-ion batteries

Rahmoun, Ahmad; Biechl, Helmuth; **Rosin, Argo** Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2013 / p. 34-39 : ill

Evaluation of VRLA battery under overcharging : model for battery testing

Tenno, Ander; Tenno, Robert; Suntio, Teuvo Journal of power sources 2002 / p. 65-82
<https://www.sciencedirect.com/science/article/pii/S0378775302002768>

Event participant modelling with neural networks

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

Evolution of traffic flows and traffic-induced air pollution due to structural changes and development during 1993-2006 in Tartu (Estonia)

Orru, Hans; Kaasik, Marko; **Antov, Dago**; Forsberg, Bertil The Baltic journal of road and bridge engineering 2008 / 4, p. 206-216
https://www.researchgate.net/publication/245443681_Evolution_of_Traffic_Flows_and_Traffic-Induced_Air_Pollution_Due_to_Structural_Changes_and_Development_During_1993-2006_in_Tartu_Estonia

Evolutionary design of the closed loop control on the basis of NN-ANARX model using genetic algorithm

Vassiljeva, Kristina; Petlenkov, Eduard; Nõmm, Sven Neural information processing : 19th International Conference, ICONIP 2012, Doha, Qatar, November 12-15, 2012 : proceedings. Part I 2012 / p. 592-599 : ill https://link.springer.com/chapter/10.1007/978-3-642-34475-6_71

Examining the performance of along track multi-mission satellite altimetry – a case study for Sentinel-6

Heinoja, Lenne-Liisa; **Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** Journal of geodetic science 2023 / art. 20220159
<https://doi.org/10.1515/jogs-2022-0159> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Expanded underwater robotics ready for oil spill

Gilbert, Javier; Lopez-Castejon, F.; Rodríguez de Mesas, C.; **Ernits, Juhan-Peep; Vain, Jüri** Interspill 2018 - London : [proceedings] 2018 / 2 p <http://interspill.org/previous-events/2018/> <http://interspill.org/previous-events/2018/14March2018/3-Situational-Awareness/Expanded-Underwater-Robotics-J-Gilbert-UPCT-Cartagena.pdf>

Expanded underwater robotics ready for oil spills (e-URready4OS)

Gilbert, Javier; Sousa, João; Vukic, Zoran; **Ernits, Juhan-Peep; Vain, Jüri** Marine technology reporter 2018 / p. 24–33
<https://magazines.marinelink.com/Magazines/MarineTechnology/201803/content/expanded-underwater-robotics-535546>

Experience in modeling of water supply systems

Koppel, Tiit; Vassiljev, Anatoli Congress publications of ECWATECH-2004 : 1-4 June 2004, Moscow. 2 2004 / p. 912

Experience of an application of the HBV model for runoff computation in Estonia

Reihan, Alvina; Kovalenko, Olga "Environmental Impact and Water Management in a Catchment Area Perspective" : 24-26 September, 2001, Tallinn, Estonia : proceedings of the Symposium dedicated to the 40th Anniversary of Institute of Environmental Engineering at Tallinn Technical University 2001 / p. 126-134 https://artiklid.elnet.ee/record=b2123599*est

Experiments in neural network inverse modelling based control for a class of nonlinear systems

Petlenkov, Eduard; Rüstern, Ennu BEC 2004 : proceedings of the 9th Biennial Baltic Electronics Conference : October 3-6, 2004, Tallinn, Estonia 2004 / p. 145-148 : ill

Expert system for parametric modeling

Pekshujev, Deniss; Smirnov, Anton; Kramarenko, Sergei Annals of DAAAM for 2009 & proceedings of the 20th International DAAAM Symposium "Intelligent Manufacturing & Automation : Focus on Theory, Practice and Education" : 25-28th November 2009, Vienna, Austria 2009 / p. 1395-1396

Exploiting high-level descriptions for circuits fault tolerance assessments

Benso, A.; Prinetto, Paolo; Rebaudengo, M.; Sonza Reorda, Matteo; **Raik, Jaan; Ubar, Raimund-Johannes** 1997 IEEE International Symposium on Defect and Fault Tolerance in VLSI Systems, Paris, October 20-22, 1997 1997 / p. 212-216
<https://ieeexplore.ieee.org/document/628327>

Exploring the Efficacy of Random Linear Parameter Models for Forecasting Heating Demand in District Heating Networks

Ali, Hesham Abed Al-Same Jamil; Dedov, Andrei; Volkova, Anna XVII International Scientific Conference of Environmental and Climate Technologies: Book of Abstracts 2024 / p. 31 <https://doi.org/10.7250/CONECT.2024.016>

Extending UML profiles to model integrity constraints in SQL databases

Eessaar, Erki; Aaberg, Erko Proceedings of the 21th [i. e. 21st] European-Japanese Conference on Information Modelling and Knowledge Bases : EJC2011 : Tallinn, Estonia, June 06-10, 2011. Vol. 1 2011 / p. 47-65 : ill
https://www.researchgate.net/publication/260291830_Extending_UML_Profiles_to_Model_Integrity_Constraints_in_SQL_Databases

Fast modelling of oscillator transients

Kukk, Vello Proceedings of the First Electronic Circuits and Systems Conference : Bratislava, Slovakia, September 4-5, 1997 1997 / p. 27-30: ill

Fault modeling and diagnosis in digital systems

Ubar, Raimund-Johannes CREDES Summer School : Dependable Systems Design : handouts 2011 / p. 91-106 : ill

Fault modeling and test generation with low- and high-level decision diagrams

Ubar, Raimund-Johannes 24. GI/GMM/ITG-Workshop : Testmethoden und Zuverlässigkeit von Schaltungen und Systemen 2012 / p. 1-12

FE modelling for product families

Eerme, Martin; Küttner, Rein Proceedings of NordDesign 2000 2000 / p. 113-118 : ill

Feature engineering for short-term forecast of energy consumption

Spitšakova, Margarita; Belikov, Juri; Nõu, Kalvi; Petlenkov, Eduard Proceedings of 2019 IEEE PES : Innovative Smart Grid Technologies Europe : (ISGT-Europe), Bucharest Romania, 29 September - 2 October, 2019 2019 / 5 p. : ill
<https://doi.org/10.1109/ISGTEurope.2019.8905698>

Feature matching in model-based software engineering

Raabe, Alar ICEIS 2004 : proceedings of the Sixth International Conference on Enterprise Information Systems : Porto, Portugal, April 14-17, 2004 2004 / p. 163-172 https://link.springer.com/chapter/10.1007/1-4020-3675-2_23

Field work in the role of teaching and research of rock properties

Karu, Veiko; Kolats, Margit; Väizene, Vivika; Anepaio, Ain; **Valgma, Ingo** 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14-19, 2008 2008 / p. 66-70 : ill

Finite element method and its usable applications in wear models design

Sivitski, Alina; Põdra, Priit Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 71-76 : ill

Fire perfomance of CLT – a task group report of COST Action FP1404

Klippel, Michael; Schmid, Joachim; Werther, Norman; **Just, Alar** Fire perfomance of CLT – A Task Group Report of COST Action FP1404 2018 / p. 65-71 [Fire Safe Use of Bio-Based Building Product](#)

Five ways to ensure that models serve society: a manifesto

Saltelli, Andrea; Bammer, Gabriele; Bruno, Isabelle; **Reinert, Erik S.** Nature 2020 / p. 482–484 <https://doi.org/10.1038/d41586-020-01812-9>

Flow dynamics in a pipe containing uneven roughness elements

Kaur, Katrin; Vassiljev, Anatoli; Annus, Ivar; Truu, Murel; Kändler, Nils WDSA CCWI : proceedings book 2022 / 11 p. : ill
<https://drive.google.com/file/d/1sTPCrwLPmq-2C0-NX8siSfWp9WLI54A/view>

Flow, waves and water exchange in the Suur Strait, the Gulf of Riga in 2008

Raudsepp, Urmas; Laanemets, Jaan; Haran, Getli; Alari, Victor; Pavelson, Juss; Kõuts, Tarmo Oceanologia 2011 / p. 35-56 : ill

FOMCON toolbox for modeling, design and implementation of fractional-order control systems

Tepļakov, Aleksei; Petlenkov, Eduard; Belikov, Juri Handbook of fractional calculus with applications 2019 / p. 211–236
<https://doi.org/10.1515/9783110571745>

Food web responses to eutrophication control in a coastal area of the Baltic Sea

Skov, Henrik; Rasmussen, Erik Kock; **Kotta, Jonne**; Middelboe, Anne Lise; Uhrenholdt, Thomas; Žydelis, Ramunas Ecological modelling 2020 / art. 109249, 13 p. : ill <https://doi.org/10.1016/j.ecolmodel.2020.109249>

Forecasting annual electric power consumption using a random parameters model with heterogeneity in means and variances

Hamed, Mohammad M.; **Ali, Hesham**; Abdelal, Qasem Energy 2022 / art. 124510 <https://doi.org/10.1016/j.energy.2022.124510>

A formal model for automated technological system

Kull, Arvo Analysis and synthesis of complicated systems and circuits with the aid of computers 1989 / p. 3-10

Formal timing analysis of OMT designs using LIMITS

Mõtus, Leo; Näks, Tõnu Third International Workshop on Object-Oriented Real-Time Dependable Systems, February 5-7, 1997, Newport Beach, California, USA 1997 / p. 137-144 <https://ieeexplore.ieee.org/document/609944>

Formal verification of maritime autonomous systems using UPPAAL STRatego

Shokri-Manninen, Fatima; **Vain, Jüri**; Walden, Marina 31st Nordic Workshop on Programming Theory, NWPT 2019, Tallinn, Estonia, 13-15 November 2019 : abstracts 2019 / p. 58-61 : ill <https://doi.org/10.23658/taltech.nwpt/2019>

Fourier neural operators for emulating ocean models : Towards a knowledge-driven machine learning

Jahanmard, Vahidreza; Ellmann, Artu; Delpeche-Ellmann, Nicole Camille EGU General Assembly 2025 2025 / art. EGU25-4354 <https://doi.org/10.5194/egusphere-egu25-4354>

A framework for time-aware change management in virtual enterprises

Savimaa, Raul; Kangilaski, Taivo; Polyantchikov, Igor Annals of DAAAM for 2011 & proceedings of the 22nd International DAAAM Symposium "Intelligent Manufacturing & Automation : Power of Knowledge and Creativity" : 23-26 November 2011, Vienna, Austria 2011 / p. 1545-1546 : ill <https://scholar.google.com/citations?user=zqWBWgAAAAJ&hl=en>

Fuzzy gradient control of electric vehicles at blended braking with volatile driving conditions

Vodovozov, Valery; Petlenkov, Eduard; Aksjonov, Andrei; **Raud, Zoja** ICINCO 2020 : 17th International Conference on Informatics in Control, Automation and Robotics, July 7-9, 2020 : online 2020 / p. 250–261 <http://wikicfp.com/cfp/servlet/event.showcfp?eventid=97093©ownerid=45217>

Generaatori modelleerimise võimaluste uurimine

Loitme, O.; Kangur, Oleg XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 53 https://www.ester.ee/record=b2449987*est

Generalization of network-on-chip communication modelling

Ellervee, Peeter; Tagel, Mihkel; Jervan, Gert Workshop Digest. Diagnostic Services in Network-on-Chips - Test, Debug, and On-Line Monitoring : DATE 2009 : Nice, France, 20-24 April, 2009 2009 / ? p

Generating optimal test cases for real-time systems using DIVINE model checker

Pal, Deepak; **Vain, Jüri** 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. 99-102 : ill http://www.ester.ee/record=b2150914*est

Generic membership function and its application to fuzzy modeling

Riid, Andri; Isotamm, Raul; Rüstern, Ennu BEC 2004 : proceedings of the 9th Biennial Baltic Electronics Conference : October 3-6, 2004, Tallinn, Estonia 2004 / p. 129-132 : ill

Genetic algorithms in transparent fuzzy modeling

Riid, Andri; Jartsev, Pavel; Rüstern, Ennu The 7th Biennial Conference on Electronics and Microsystem Technology "Baltic Electronics Conference" : BEC 2000 : October 8 - 11, 2000, Tallinn, Estonia : conference proceedings 2000 / p. 91-94 : ill

Geodetic validation of sea Level variability in offshore

Ellmann, Artu; Kollo, Karin; **Varbla, Sander** IUGG 2019 : abstract book 2019 / [1] p., abstract: JG06 p-109 <http://iugg2019montreal.com/abstract-book.html>

Geoloogid uurivad liivakastimänguga Maa kujunemist : [vestlus TTÜ Geoloogia Instituudi direktori Alvar Soesooga]

Kändler, Tiit; **Soesoo, Alvar** Eesti Päevaleht 2007 / 16. veebr., lk. 24 https://artiklid.elnet.ee/record=b1147900*est

Geoloogiliste protsesside modelleerimisest ja fraktaalsusest geoloogias

Soesoo, Alvar Eesti geoloogide neljas ülemaailmne kokkutulek "Eesti geoloogia uue sajandi künnisel" : konverentsi materjalid ja ekskursioonijuhud = The Fourth World Meeting of Estonian Geologists "Estonian Geology in the Beginning of the New Century : conference materials and excursion guide 2003 / lk. 87-90 : ill

Geometrical modelling techniques to develop a metal structure design space

Portjanski, Leonid Proceedings of the 4th International Conference Industrial Engineering - New Challenges to SME : 29-30 April 2004, Tallinn, Estonia 2004 / p. 70-73 : ill

GIS for evaluation of environment (in county level) : Skrunda case

Kalvickis, Karlis; Karss, Girts GIS-Baltic Sea States '95 : exhibition, conference - Tallinn, Estonia, 13-15 December, 1995 : abstracts, catalogue 1995 / p. 20

GIS-based quantification of future nutrient loads into Lake Peipsi/Chudskoe using qualitative regional development scenarios

Mourad, Daniel S.J.; Perk, Marcel van der; Gooch, G.D.; **Loigu, Enn**; Piirimäe, Kristjan Proceedings of Diffuse Pollution and Basin Management Conference (DipCon), Dublin, 17-22 Aug., 2003 2003 / p. 105-111 <https://iwaponline.com/wst/article-abstract/51/3-4/355/11856/GIS-based-quantification-of-future-nutrient-loads?redirectedFrom=fulltext>

GIS-integrated pluvial flood risk assessment methodology for urban areas

Truu, Murel; Annus, Ivar; Kändler, Nils WDSA CCWI : proceedings book 2022 / 14 p. : ill
https://drive.google.com/file/d/19mrk9_LLOy5mfYDT9IGgmsW5FFwj4f/view

Globaalse meretaseme ja glatsiaal-isostaatilise tasakaalustumise modelleerimise konverents Ateenas

Ellmann, Artu; Oja, Tõnis Geodeet 2012 / lk. 108-110 : fot https://artiklid.elnet.ee/record=b2553467*est

Gradient descent based optimization of transparent Mamdani systems

Riid, Andri; Rüstern, Ennu Proc. 6th Int. Conf. on Neural Networks and Soft Computing 2002, Zakopane 2002 / p. 545-550
https://link.springer.com/chapter/10.1007/978-3-7908-1902-1_83

A Gramian-based tool for modeling converter-dominated power systems

de Moraes Dias Campos, Nathalia; Sarnet, Tanel; Kilter, Jako IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT Europe 2024) : proceedings 2024 / 5 p <https://doi.org/10.1109/ISGTEUROPE62998.2024.10863396>

Gravity anomaly field over Estonia

Oja, Tõnis; **Ellmann, Artu**; Märdla, Silja Estonian journal of earth sciences 2019 / p.55-75 : ill
http://www.eap.ee/public/Estonian_Journal_of_Earth_Sciences/2019/issue_2/earth-2019-2-55-75.pdf <https://doi.org/10.3176/earth.2019.06>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Grey box identification of fractional-order system models from frequency domain data

Tepljakov, Aleksei; Petlenkov, Eduard; Belikov, Juri 41th International Conference on Telecommunications and Signal Processing : July 4-6, 2018, Athens, Greece : proceedings 2018 / p. 319-322 : ill <https://doi.org/10.1109/TSP.2018.8441247>

Groundwater flow model of oil shale mining area

Lind, Helena Oil shale 2010 / 3, p. 258-273 : ill https://artiklid.elnet.ee/record=b2157031*est

Groundwater flow model of the western part of the Estonian oil shale deposit : defense of the doctoral thesis

Lind, Helena Oil shale 2010 / 3, p. 274 : portr

Groundwater flow model of the western part of the Estonian oil shale deposit = Eesti põlevkivimaardla lääneala veerežiimi mudel

Lind, Helena 2010 https://www.ester.ee/record=b2607118*est

Hairpin windings for electric vehicle motors : modeling and investigation of AC loss-mitigating approaches

Shams Ghahfarokhi, Payam; Podgornovs, Andrejs; Cardoso, Antonio J. Marques; **Kallaste, Ants; Belahcen, Anouar; Vaimann, Toomas** Machines 2022 / art. 1029 <https://doi.org/10.3390/machines10111029> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Handling timing in a time-critical reasoning system - a case study

Mõtus, Leo; Näks, Tõnu Postprints of IFAC Symposium on Artificial Intelligence in Real-time Control : Grand Canyon, Arizona, USA 1999 / p. 67-75 <https://www.sciencedirect.com/science/article/pii/S1367578801000153>

Häpetustekniikoiden käyttö metsäteollisuuden vesikiertojen sulkemisessa: prosessin kehitys ja mallinnus - EKT 04

Laari, Arto; Korhonen, Susanna; Tuhkanen, Tuula; **Kallas, Juha** CACTUS-teknologiaohjelma : vuosikirja 1999 1999 / s. 47-57

Heart bioimpedance 3D FDM modelling with anisotropic tissue properties

Gordon, Rauno BEC 2004 : proceedings of the 9th Biennial Baltic Electronics Conference : October 3-6, 2004, Tallinn, Estonia 2004 / p. 175-178 : ill

Heartwork analysis using bioimpedance method

Gordon, Rauno Telekommunikatsioon 2002 : IX rahvusvahelise telekommunikatsioonipäeva materjalid 2002 / lk. 8-14 : ill

Hierarchical analysis of short defects between metal lines in CMOS IC

Pleskacz, Witold A.; **Jenihhin, Maksim; Raik, Jaan; Rakowski, Michal; Ubar, Raimund-Johannes; Kuzmich, Wieslaw** Proceedings : 11th EUROMICRO Conference on Digital System Design : Architectures, Methods and Tools : (DSD 2008) : September 3-5, 2008, Parma, Italy 2008 / p. 729-734 : ill <https://ieeexplore.ieee.org/document/4669309>

High level fault modeling in digital systems

Ubar, Raimund-Johannes; Aarna, Margit; Brik, Marina; Raik, Jaan Synergies between Information and Automation : 49. Internationales Wissenschaftliches Kolloquium, 27.-30.9.2004, Technische Universität Ilmenau, Germany. Volume 2 2004 / p. 486-491

Hot-spots of large wave energy resources in relatively sheltered sections of the Baltic Sea coast

Kovaleva, Olga; Eelsalu, Maris; Soomere, Tarmo Renewable and sustainable energy reviews 2017 / p. 424-437 : ill
<https://doi.org/10.1016/j.rser.2017.02.033> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hull-propeller interaction for planing boats: a numerical study

Roshan, Fatemeh; **Dashtimanesh, Abbas; Tavakoli, Sasan; Niazmand Bilandi, Rasul; Abyn, Hassan** Ships and offshore structures 2020 / 14 p. : ill <https://doi.org/10.1080/17445302.2020.1790295> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Human foot motion simulation during walking

Žigailov, Sergei; Arjassov, Gennadi; Penkov, Igor; Musalimov, Victor Machines, technologies, materials 2019 / p. 198-201 : ill
<https://stumejournals.com/journals/mtm/2019/5/198>

Human limb model structure optimization with genetic algorithm

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

A hybrid numerical model based on FNPT-NS for the estimation of long wave run-up

Manoj Kumar, G.; Sriram, Venkatachalam; **Didenkulova, Irina** Ocean engineering 2020 / art. 107181
<https://doi.org/10.1016/j.oceaneng.2020.107181> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hydrodynamic characteristics of tunneled planing hulls in calm water

Roshan, Fatemeh; **Dashtimanesh, Abbas; Niazmand Bilandi, Rasul** Brodogradnja : Teorija i praksa brodogradnje i pomorske tehnike 2020 / p. 19-38 : ill <https://hrcak.srce.hr/232081> <https://doi.org/10.21278/brod71102> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hydrodynamic study of heeled double-stepped planing hulls using CFD and 2D+T method

Niazmand Bilandi, Rasul; Dashtimanesh, Abbas; Tavakoli, Sasan Ocean engineering 2020 / art. 106813 ; 21 p. : ill
<https://doi.org/10.1016/j.oceaneng.2019.106813> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hygrothermal performance of a brick wall with interior insulation in cold climate : vapour open vs vapour tight approach

Klõšeiko, Paul; Kalamees, Targo Journal of building physics 2022 / p. 3-35 : ill <https://doi.org/10.1177/17442591211056067> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

IDEF as a tool for the solution of technological problems

Karaulova, Tatjana; Papstel, Jüri Proceedings of the 2nd International Conference, 27-29th April 2000, Tallinn, Estonia / DAAAM International Vienna, DAAAM National Estonia 2000 / p. 113-117 : ill

Identification and characterization of modulation scheme in an EV-PMSM control strategy for digital twin modeling

Mohamed, Mahmoud Ibrahim Hassanin; Rassõlkin, Anton; Vaimann, Toomas; Kallaste, Ants Diagnostika 2024 - 2024 International Conference on Diagnostics in Electrical Engineering, Proceedings 2024 / 5 p
<https://doi.org/10.1109/Diagnostika61830.2024.10693927>

Identification of transparent, compact, accurate and reliable linguistic fuzzy models

Riid, Andri; Rüstern, Ennu Information sciences 2011 / p. 4378-4393
<https://www.sciencedirect.com/science/article/pii/S0020025511000685>

Impact fused-forging modeling technique

Kommel, Lembit Proceedings of the 8th International Baltic Conference : Materials Engineering-99 : September 23-24, Kaunas, Lithuania 1999 / p. 117-120

Impact of application of excellence models on organizational performance

Kitam, Andres; Tammaru, Tiia Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 1 2012 / p. 152-157 : ill

Impact of distributed generation on estimation of exponential load models

Leinakse, Madis; Tani, Pärtel; Kilter, Jako 2019 IEEE Power & Energy Society General Meeting (PESGM) 2019 / 5 p. : ill
<https://doi.org/10.1109/PESGM40551.2019.8974014>

The impact of knowledge risk management on sustainability

Zieba, Malgorzata; **Durst, Susanne**; Hinteregger, Christoph Journal of Knowledge Management 2022 / p. 234-258
<https://doi.org/10.1108/JKM-09-2021-0691> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Impact of shipwrecks to marine environment : MS Volare case study

Vahter, Kaimo; Pärt, Siim; Landquist, Hanna; **Kõuts, Tarmo** 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 161 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

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

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

Implementation-independent functional test for transition delay faults in microprocessors

Oyeniran, Adeboye Stephen; Ubar, Raimund-Johannes; Jenihhin, Maksim; Raik, Jaan 2020 23rd Euromicro Conference on Digital System Design (DSD), 26-28 August 2020, Kranj, Slovenia 2020 / p. 646-650 <https://doi.org/10.1109/DSD51259.2020.00105>

Improvement of automotive service management by means of computer simulation

Makarova, Irina; **Pashkevich, Anton**; Buyvol, Polina; Mavrin, Vadim; Abeshev, Kuanysh; Shubenkova, Ksenia Transportation research procedia 2020 / P. 160-167 <https://doi.org/10.1016/j.trpro.2020.02.023> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Improving regional gravity field and geoid modelling by various use of global geopotential models [Online resource]

Märdla, Silja; Ellmann, Artu; Oja, Tõnis; Ågren, Jonas 26th IUGG General Assembly 2015 : Prague, Czech Republic, Prague Congress Centre, June 22-July 02, 2015 2015 / [1] p

Information exchange problem between 3D modelling and process planning modules

Saks, Alo; Papstel, Jüri; Kiolein, Indrek Communication : scientific letters of University Žilina 2000 / 1, p. 88-92
<https://komunikacie.uniza.sk/pdfs/csl/2000/01/15.pdf>

An information modeling method for electric micro grids

Korõtko, Tarmo 11th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 16-21, 2012 2012 / p. 205-208 : ill

Information modelling and knowledge bases XVII

2006 https://www.ester.ee/record=b2127981*est

Information modelling and knowledge bases XXIII

2012 <https://www.iospress.com/catalog/books/information-modelling-and-knowledge-bases-xxiii>

Information provision of an intelligent advisory system

Karaulova, Tatjana; Papstel, Jüri International DAAAM : [DAAAM National Estonia] : proceedings of the 1st International Conference, 25-27th September 1997, Tallinn, Estonia 1997 / p. 55-58: ill

Information techniques for sensor- and microsystems

Holmer, R.; Tränkler, Hans-Rolf BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 39-50: ill

Informational modelling of FSM networks

Keevallik, Andres; Kruus, Margus; Udre, Jüri Proceedings of the 4th International Workshop Mixed Design of Integrated Circuits and Systems : MIXDES'97 : Poznan, Poland, 12-14 June 1997 1997 / p. 167-172

Integrated design framework : towards an approach for early design

Christophe, Francois; **Sell, Raivo**; Coatanea, Eric; Micaelli, Jean-Pierre International Conference on Engineering and Product Design Education : 4 & 5 September 2008, Barcelona, Spain 2008 / ? p
<https://www.designsociety.org/publication/28079/Integrated+Design+Framework%3A+Towards+an+Approach+for+Early+Design>

Integrating Cyber Threat Intelligence into Threat Modeling for Autonomous Ships Using PASTA and MISP

Erbas, Muhammed; Vanharanta, Jani; Paavola, Jarkko; **Tsiopoulos, Leonidas**; **Vaarandi, Risto** 2025 IEEE International Conference on Cyber Security and Resilience (CSR) 2025 / p. 133-139 <https://ieeexplore.ieee.org/document/11130108>
<http://doi.org/10.1109/CSR64739.2025.11130108>

Integrating satellite altimetry and deep learning for enhanced sea level forecasting

Rajabi-Kiasari, Saeed; **Delpeche-Ellmann, Nicole Camille**; **Ellmann, Artu** EGU General Assembly 2025 2025 / art. EGU25-9951
<https://meetingorganizer.copernicus.org/EGU25/EGU25-9951.html> <https://doi.org/10.5194/egusphere-egu25-9951>

Interpretation of radio metric signal for tumour detection

Riipulk, Jevgeni; **Hinrikus, Hiie** 19th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, Oct. 30 - Nov. 2, 1997, Chicago IL USA : Magnificent Milestones and Emerging Opportunities in Medical Engineering : final program & abstract book 1997 / p. 165 <https://ieeexplore.ieee.org/abstract/document/756838>

Introduction to metamodeling

Riives, Jaan Engineering Graphics BALTRAF-6 : proceedings of the Sixth International Conference : Riga, Latvia, June 13-14, 2002 2002 / p. 205-209

Investigation and development of test generation methods for control part of digital systems

Brik, Marina 2002 http://www.ester.ee/record=b1688656*est

An iterative approach for near-coast Marine Geoid Modelling and sea level analysis using satellite altimetry, in-situ and modeled data

Delpeche-Ellmann, Nicole Camille; **Ellmann, Artu** IUGG 2019 : abstract book 2019 / [1] p., abstract: JG06 p-107
<http://iugg2019montreal.com/abstract-book.html>

Iterative refinement and accuracy validation of marine geoid models = Meregeoidi mudelite iteratiivne täpsustamine ja täpsuse valideerimine

Varbla, Sander 2023 <https://doi.org/10.23658/taltech.35/2023> <https://digikogu.taltech.ee/et/Item/4087a2ae-321e-4a1b-b11f-dd8fd5ab1b99>
https://www.ester.ee/record=b5568726*est

Joint PHY-MAC realistic performance evaluation of body-to-body communication in IEEE 802.15.6 and SmartBAN

Khan, Rida; **Alam, Muhammad Mahtab** The 12th International Symposium on Medical Information and Communication Technology : ISMICT 2018, 26-28 March 2018, University of Technology Sydney 2018 / 6 p.: ill <http://ismict2018.org/images/Docs-2017/ISMICT-2018-Program---Final.pdf> <http://dx.doi.org/10.1109/ISMICT.2018.8573715>

Juhtimissüsteemide modelleerimine ehituses

Sutt, Jüri Tehnikauuringute areng Eesti NSV-s : vabariikliku konverentsi ettekannete teesid Tallinn, 15.-16. oktoober 1986 1986 / lk. 20-21 https://www.ester.ee/record=b1258828*est

Jõupooljuhtseadiste numbrilise modelleerimise alased tööd TPI-s

Velmre, Enn Kõrgema tehnilise hariduse ja tehnilise mõtte areng Eestis 1988 / lk. 128-143

2004. aasta teaduspreemia tehnikateaduste alal töö "Faasisiirdefrondid martensiitsetes tahkistes" eest : [Arkadi Berezovski]le]

Berezovski, Arkadi Teadusmõtte Kübermeetika Instituudis 2010 / lk. 110-119 : ill

Kaltsiumi leostumine põlevkivituhast - protsessi modelleerimine

Velts, Olga; **Kallas, Juha**; **Kuusik, Rein**, **keemik XXXI** Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 81

Kasutusjuhend ja eesmärgimudelid

Taveter, Kuldar A & A 2010 / 1, lk. 6-8 : ill https://artiklid.elnet.ee/record=b1965430*est

Keerukate skeemide modelleerimine elektronarvutitel

Laksberg, Edgar; **Ratassep, Jaak** Side. Raadio. Televisioon : infoseeria 10 1975 / lk. 13-17
https://www.ester.ee/record=b1232303*est

Kernel density estimation for stochastic modeling of PV power output

Trashchenkov, Sergei; **Pires Pimentel, Sergio**; **Astapov, Victor**; Annuk, Andres; Marra, Enes Goncalves 2018 7th International Conference on Renewable Energy Research and Applications (ICRERA), October 14-17, 2018, Paris, France 2018 / p. 1179-1183 : ill <http://doi.org/10.1109/ICRERA.2018.8566995>

Kinetic modeling of the promoted and unpromoted wet oxidation of debarking evaporation concentrates

Verenich, Svetlana; **Roosalu, Kati**; Hautaniemi, Marjaana Chemical engineering journal 2005 / 1/2, p. 101-108
<https://www.sciencedirect.com/science/article/pii/S1385894705000197>

Kinetics and modelling of advanced oxidation of toxic and carcinogenic aromatic compounds

Kallas, Juha; Trapido, Marina; Munter, Rein International Specialised Symposium IOA 2000 "Fundamental and Engineering Concepts for Ozone Reactor Design" : Toulouse, France, March 1-3, 2000 : proceedings 2000 / p. 79-82

Kinnisvaraarendusprotsessi mudel

Kelk, Rain XI majandusorganisatsioonide juhtimisprobleemide konverents : 22. aprillil 2005. aastal = XI Conference on the Management of Business Organisations : 22 April 2005 2005 / lk. 33-45 : ill

Kompleksanalüüs ja efektiivsus : tootmise majandusliku tõhususe maatriksmodelleerimisel põhinev kompleksanalüüs automatiseeritud andmetöötlussüsteemis

Mereste, Uno 1984 https://www.ester.ee/record=b1166011*est

Kuidas kaevandajad maastikku modelleerivad

Karu, Veiko Agu Sihvka annab aru... : noorgeograafide sügissümposiooni artiklite kogumik 2009 / lk. 61-68 : ill

Kullaga legeeritud ränidiodstruktuuride numbriline modelleerimine

Niinemets, J.; Veikesaar, E.; Udal, Andres XXXII üliõpilaste teaduslik-tehnilise konverentsi ettekannete teesid : pühendatud V. I. Lenini 110. sünniaastapäevale : 16.-18. aprill 1980 1981 / lk. 93-94 https://www.ester.ee/record=b1322611*est

Kõrgtehnoloogilised materjaliuuringud Tallinna Tehnikaülikoolis

Melikov, Enn; Öpik, Andres Teadusmõte Eestis : tehnikateadused 2002 / lk. 73-76 : ill

Küsimusi ja küsitavusi pinnavete seisundi modelleerimisel

Ennet, Peeter Keskkonnatehnika 2009 / 8, lk. 6-9 https://artiklid.elnet.ee/record=b1509633*est

LabTop - software for experimental design, modelling and visualisation

Huhtanen, Mikko; Häkkinen, Antti; Ekberg, Bjarne; **Kallas, Juha** NoFS-13 : proceedings of the 13th Nordic Filtration Symposium: June 10-11, 2010, Lappeenranta, Finland 2010 / p. 148-153 : ill

Large area high quality interfaces to SiC substrates - technology and modelling

Rang, Toomas; Korolkov, Oleg; Kurel, Raido; Pikkov, Mihhail Materials mechanics, fracture mechanics, micro mechanics 1999 / p. 574-579: ill

Large signal models and monotonic phase signals for modelling of oscillators

Kukk, Vello Proceedings of 7th International Workshop on Nonlinear Dynamics of Electronic Systems : Ronne, Island of Bornholm, Denmark, July 15-17, 1999 1999 / p. 103-106

Legged Locomotion on Soft and Wet Terrains [Võrguteavik] = Jalgadel liikumine pehmel ja märjal maastikul

Godon, Simon Pierre 2025 https://www.ester.ee/record=b5754511*est <https://digikogu.taltech.ee/et/Item/3fa536fe-cad0-47ce-b240-5415fb6ce141> <https://doi.org/10.23658/taltech.48/2025>

Leitströmung an Fischaufstiegsanlagen : Bewertung und Optimierung über ethohydraulische Modellierung

Kopecki, Janina; Schneider, Matthias; **Tuhtan, Jeffrey Andrew** Wasserwirtschaft 2016 / S. 37-42 : Ill
<https://www.springerprofessional.de/leitstroemung-an-fischaufstiegsanlagen-bewertung-und-optimierung/10803392>

Level ice-structure interaction simulations using solid and shell elements

Kõrgesaar, Mihkel; Tabri, Kristjan; Avi, Eero Proceedings of the International Conference on Offshore Mechanics and Arctic Engineering - OMAE 2024 ; Vol. 6 2024 / art. v006t07a008 <https://doi.org/10.1115/OMAE2024-128141> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Load flow modelling in local energy community electric power systems

Korõtko, Tarmo; Drovta, Imre; Mutule, Anna; Kairisa, Evita; Rosin, Argo 2022 IEEE 7th International Energy Conference (ENERGYCON) 2022 / 7 p <https://doi.org/10.1109/ENERGYCON53164.2022.9830203>

Long-term modelling of fly ash and radionuclide emissions as well as deposition fluxes due to the operation of large oil shale-fired power plants

Vaasma, Taavi; Kaasik, Marko; **Loosaar, Jüri**; Kiisk, Madis; Tkaczyk, Alan Henry Journal of environmental radioactivity 2017 / p. 232-244 : ill <https://doi.org/10.1016/j.jenvrad.2017.08.017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Läänemere hiidlainete tekkepõhjused : Eesti Teadusfondi projekt "Läänemere pinnalainete anomaaliade analüüs ja modelleerimine", 2000-2003

Soomere, Tarmo Eesti Teadusfondi Aastaraamat 2004 2005 / lk. 16 : ill

Maatriksmodelleerimine ja prognoosimine

Vensel, Vello Infotehnoloogia ja täppismajandusteadus = Информтехнология и точная экономическая наука = Infotechnology and exact economics : vabariikliku teaduslik-praktilise seminari (Tallinn, 3. september 1988.a.) teeside kogumik. 2 1988 / lk. 195-201 https://www.ester.ee/record=b1249871*est

Machine learning enabled identification of sheet metal localization

Yatkin, Muhammed Adil; Kõrgesaar, Mihkel International journal of solids and structures 2024 / art. 112592
<https://doi.org/10.1016/j.ijsolstr.2023.112592> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Magnetic anomaly of the Jõhvi iron ore, northeastern Estonia, controlled by subvertical remanent magnetization

Plado, Jüri; Kiik, Kalle; Jokinen, Jarkko; **Soesoo, Alvar** Estonian journal of earth sciences 2020 / p. 189-199 : ill
<https://doi.org/10.3176/earth.2020.13>

Making web users' domain models explicit by applying ontologies

Robal, Tarmo; Haav, Hele-Mai; Kalja, Ahto Advances in Conceptual Modeling - Foundations and Applications : ER 2007 Workshops CMLSA, FP-UML, ONISW, QoIS, RIGIM, SeCoGIS : Auckland, New Zealand, November 5-9, 2007 : proceedings 2007 / p. 170-179 https://link.springer.com/content/pdf/10.1007/978-3-540-76292-8_20.pdf

Market efficiency and rational expectations

Kerem, Kaie; Listra, Enn; Rahu, Katrin Papers of the Congress of Political Economists (COPE) 14th Annual International Conference presented by Estonian participants : 12-19 July 2003, Mexico City 2004 / TUTWPE(MME) No. 04/112, p. 139-152 : ill

Matemaatiline modelleerimine keskkonna erialadele

Sikk, Jaak 2007 https://www.ester.ee/record=b2199530*est

Measurement based approach for residential customer stochastic current harmonic modelling = Mõõtmispõhine lähenemine olmetarbijate vooluharmonikute juhusliku esinemise modelleerimiseks

Iqbal, Muhammad Naveed 2021 https://www.ester.ee/record=b5454042*est <https://digikogu.taltech.ee/et/Item/cc2248c5-5530-44fb-8150-51de0e7832ad> <https://doi.org/10.23658/taltech.43/2021>

Measuring mining influence in the form of students practice in opposition to the emotional environmental impact assessment

Robam, Karin; Väizene, Vivika; Anepaio, Ain; Kolats, Margit; Valgma, Ingo 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14-19, 2008 2008 / p. 62-65 : ill

Mechatronics modeling methodology and semantic orientated knowledge base

Sell, Raivo; Seiler, Sven Annals of DAAAM for 2009 & proceedings of the 20th International DAAAM Symposium "Intelligent Manufacturing & Automation : Focus on Theory, Practice and Education" : 25-28th November 2009, Vienna, Austria 2009 / p. 1723-1724 : ill

Meregeoidi mudelite iteratiivne täpsustamine ja täpsuse valideerimine

Varbla, Sander Geodeet 2024 / lk. 22-27 https://www.ester.ee/record=b1072198*est

Meregeoidi mudelite valideerimine GNSS- ja aerolaserskaneerimise profiilidega

Varbla, Sander Geodeet 2019 / lk. 19-26 : ill http://www.ester.ee/record=b1072198*est

Meremudel prognoosib merevee parameetreid : [TTÜ Meresüsteemide Instituudis Priidik Lagemaa poolt kaitstud doktoritöö käigus välja töötatud mereala operatiivmudel]

Aru, Erik Mente et Manu 2012 / lk. 8-9 : fot

Mesoscale variability and river plume dynamics in the Gulf of Riga (a model study)

Lips, Urmas; Zhurbas, Victor; Skudra, Maris; Väli, Germa 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 72 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Metamodel-based comparison of data models

Eessaar, Erki Advances and Innovations in Systems, Computing Sciences and Software Engineering 2007 / p. 109-114
https://link.springer.com/chapter/10.1007/978-1-4020-6264-3_21

A methodology for modelling of modifications in multifunctional human organisations

Savimaa, Raul SCI 2004 : the 8th World Multi-Conference on Systemics, Cybernetics and Informatics : July 18-21, 2004, Orlando, Florida, USA. Vol. 10 : proceedings 2004 / p. 265-269

A methodology for modelling traffic related carbon monoxide emissions in suburban areas

Tosa, Cristian; Antov, Dago; Köllö, Gavril; Rõuk, Harri; Rannala, Marek Transport 2013 / p. 1-8 : ill
<https://doi.org/10.3846/16484142.2013.819034> [Journal metrics at Scopus](#) [Article at scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microgrid oriented modeling of space heating system based on neural networks

Häring, Tobias; Kull, Tuule Mall; Ahmadiyahangar, Roya; Rosin, Argo; Thalfeldt, Martin; Biechl, Helmuth Journal of building engineering 2021 / art. 103150, 12 p. : ill <https://doi.org/10.1016/j.jobbe.2021.103150> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microprocessor modeling for board level test access automation

Devadze, Sergei; Jutman, Artur; Tšertov, Anton; Ubar, Raimund-Johannes Proceedings of 10th IEEE Workshop on RTL and High Level Testing : Hong Kong, November 27-28, 2009 2009 / ? p

Miks haigused levivad nii nagu nad levivad? Üllatav, kuid vastust ei tasu ainult arstide käest küsida

Peets, Tanel; Josepson, Raavo geenius.ee 2025 <https://digi.geenius.ee/blogi/teadus-ja-tulevik/miks-haigused-levivad-nii-nagu-nad-levivad-ullatav-kuid-vastust-ei-tasu-ainult-arstide-kaest-kusida/>

Millest tekkisid parvlaeva Estonia augud? Laevaehituse insener : teeme esimesi katsearvutusi

Riik, Marvel ohtuleht.ee 2023 / Lk. 2 [Millest tekkisid parvlaeva Estonia augud? Laevaehituse insener: teeme esimesi katsearvutusi](#)

Milline näeb välja mikroplasti teekond meres?

Siht, Enriko Horisont 2025 / lk. 6 : fot https://www.ester.ee/record=b1072243*est

Mind the consequences : quantification in economic and public policy

Drechsler, Wolfgang; Fuchs, Lukas The politics of modelling : numbers between science and policy 2023 / p. 83-98 <https://doi.org/10.1093/oso/9780198872412.003.0006>

Mis on kella sees? : [süsteemiteooriast]

Lorents, Peeter Horisont 1994 / 6, lk. 35-37 https://artiklid.elnet.ee/record=b2033909*est

Mittestandardse kujuga ehitiste laserskaneerimine ja punktpilve põhjal modelleerimine TTÜ veetorni näitel

Aule, Silver Geodeet 2016 / lk. 60-64 : ill http://www.ester.ee/record=b1072198*est https://artiklid.elnet.ee/record=b2802977*est

Mixed pressure control system for a centrifugal pump

Gevorkov, Levon; Vodovozov, Valery 2017 11th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG 2017) : Cadiz, Spain, 4-6 April 2017 2017 / p. 364-369 : ill <https://doi.org/10.1109/CPE.2017.7915198>

Model based mechatronic systems modeling methodology in conceptual design stage

Sell, Raivo 2007 https://www.ester.ee/record=b2298261*est

Model based power estimation for centrifugal pumps

Gevorkov, Levon 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. 97-100 : ill http://www.ester.ee/record=b4650094*est

Model checking emerging behavior properties of robot swarms

Juurik, Silver; **Vain, Jüri** 21st Nordic Workshop on Programming Theory : NWPT 2009 : Lyngby, Denmark, 14-16 October 2009 : proceedings 2009 / p. 68-70 https://www.researchgate.net/publication/228525009_Model_checking_of_emergent_behaviour_properties_of_robot_swarms

Model checking in pattern based control systems design

Vain, Jüri; Ernits, Juhan-Peep 15th Triennial World Congress of the International Federation of Automatic Control : Barcelona, Spain, 21th-26th July, 2002 : final program, book of abstracts 2002 / p. 112 <https://www.sciencedirect.com/science/article/pii/S1474667015393666>

Model checking in pattern based control systems design [Electronic resource]

Vain, Jüri; Ernits, Juhan-Peep Proceedings of the 15th IFAC World Congress : Barcelona, Spain, 2002 2002 / [6] p. : ill. [CD-ROM] <https://www.sciencedirect.com/science/article/pii/S1474667015393666#cekeyws10>

Model for energy management of residential building heating system

Gevorkov, Levon; Šmidl, Vaclav; Sirovy, Martin; **Rassõlkin, Anton; Kallaste, Ants; Vaimann, Toomas** 2020 27th International Workshop on Electric Drives: MPEI Department of Electric Drives 90th Anniversary (IWED), Moscow, Russia, January 27-30, 2020 2020 / 4 p <https://doi.org/10.1109/IWED48848.2020.9069503>

Model for leisure boat activities and emissions - implementation for the Baltic Sea

Johansson, Lasse; Ytreberg, Erik; Jalkanen, Jukka-Pekka; Fridell, Erik; Eriksson, K. Martin; Lagerström, Maria; **Maljutenko, Ilja; Raudsepp, Urmas**; Fischer, Vivian; Roth, Eva Ocean science 2020 / p. 1143-1163 <https://doi.org/10.5194/os-16-1143-2020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Model for torque estimation of pump system with horizontal pipe network

Gevorgov, Levon; Smidl, Vaclav; Sirovy, Martin; **Rassõlkin, Anton;** **Kallaste, Ants;** **Vaimann, Toomas** 2019 26th International Workshop on Electric Drives : Improvement in Efficiency of Electric Drives (IWED) : Moscow Power Engineering Institute, Moscow, Russia, 30th of January – 2nd of February 2019 : proceedings 2019 / 5 p. : ill <https://doi.org/10.1109/IWED.2019.8664304>

Model predictive control for modeling human gait motions assisted by Vicon technology

Vu, Trieu Minh; Tamre, Mart; Musalimov, Victor; Kovalenko, Pavel; Rubinshtein, Irina; Ovchinnikov, Ivan; Krcmarik, David; Moezzi, Reza Journal European des systemes automatises 2020 / p. 589–600 <https://doi.org/10.18280/jesa.530501> [Journal metrics at Scopus](#)
[Article at Scopus](#)

Model study on present and future eutrophication and nitrogen fixation in the Gulf of Finland, Baltic Sea

Lessin, Gennadi; Raudsepp, Urmas; Maljutenko, Ilja; Laanemets, Jaan; Passenko, Jelena; Jaanus, Andres Journal of marine systems 2014 / p. 76-85 : ill <https://doi.org/10.1016/j.jmarsys.2013.08.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Model-based maintenance scheduling in flexible modular automation systems

Pal, Deepak; Vain, Jüri; Srinivasan, Seshadhri; Ramaswamy, Sridhar 2017 22nd IEEE International Conference on Emerging Technologies and Factory Automation (ETFA 2017) : Limassol, Cyprus, 12 - 15 September 2017 : pages 1-678 2017 / p. 1203-1208 : ill <http://doi.org/10.1109/ETFA.2017.8247738>

Model-based testing of robots with NMmodel

Ernits, Juhan-Peep; Veanes, Margus; Helander, Johannes TESTCOM/FATES 2008 : Tokyo, Japan, June 12-13, 2008 : short papers 2008 / p. 40-49 https://www.researchgate.net/publication/228824559_Model-Based_Testing_of_Robots_with_NMmodel

Model-free predictive control for improved performance and robustness of three-phase quasi Z-source inverters

Abid, Abderahmane; **Bakeer, Abualkasim Ahmed Ali;** Albalawi, Hani; Bouzidi, Mansour; Lashab, Abderezak; **Chub, Andrii;** Zaid, Sherif A. IEEE Access 2024 / p. 87850-87863 <https://doi.org/10.1109/ACCESS.2024.3417397> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modeling and analysis of pumping motor drives in hardware-in-the-loop environment

Vodovozov, Valery; Gevorgov, Levon; Raud, Zoja Journal of power and energy engineering 2014 / p. 19-27 : ill

Modeling and control simulation for a condensate distillation column

Vu, Trieu Minh; Pumwa, John Distillation - advances from modeling to applications 2012 / 32 p. : ill
<https://citeseerx.ist.psu.edu/document?repid=rep1&type=pdf&doi=3c9b8c3b1ff2d8995fe8c01ddc350cb9ad4a460d>

Modeling and model predictive control for hybrid electric vehicles

Vu, Trieu Minh; Rashid, A. A. International Journal of Automotive Technology 2012 / p. 477-485 : ill
https://www.researchgate.net/publication/257777158_Modeling_and_model_predictive_control_for_hybrid_electric_vehicles

Modeling and simulation in rock engineering

Pastarus, Jüri-Rivaldo 60 aastat mäeinseneride õpetamist Eestis : aastapäevakonverentsi ettekannete teesid ja artiklid 1998 / lk. 23-26: ill https://www.ester.ee/record=b1057301*est

Modeling and simulation of an electro-hydraulic servo-system in an intelligent programming environment

Grossschmidt, Gunnar; Harf, Mait The 13th Mechatronics Forum International Conference : proceedings vol.3/3 : September 17-19, 2012, Johannes Kepler University Linz, Austria 2012 / p. 939-946
<https://asmedigitalcollection.asme.org/ESDA/proceedings/ESDA2012/44854/281/230755>

Modeling and simulation of an electro-hydraulic servovalve in an intelligent programming environment

Harf, Mait; Grossschmidt, Gunnar 2012 Proceedings of the ASME 11th Biennial Conference on Engineering Systems Design and Analysis (ESDA2012) 2012 / p. 1-9 <https://asmedigitalcollection.asme.org/ESDA/proceedings/ESDA2012/44854/281/230755>

Modeling and simulation of bipolar semiconductor devices : authors's main publications

Velmre, Enn 1996 http://www.ester.ee/record=b2079366*est

Modeling and simulation of hydraulic systems in NUT programming environment

Grossschmidt, Gunnar; Harf, Mait Viertes Deutsch-Polnisches Seminar : Innovation und Fortschritt in der Fluidtechnik : 20.-21. September 2001 in Sopot 2001 / p. 329-348 : ill

Modeling and simulation of multirate control systems for vehicles : practical approach

Astrov, Igor 2012 <https://www.amazon.com/Modeling-Simulation-Multirate-Control-Vehicles/dp/3659281395>

Modeling calcium dissolution from oil shale ash. Part 2, Continuous washing of the ash layer

Velts, Olga; Hautaniemi, Marjaana; **Kallas, Juha;** Kuosa, Markku; **Kuusik, Rein,** keemik Fuel processing technology 2010 / 5, p. 491-495 : ill <https://www.sciencedirect.com/science/article/pii/S0378382009003579>

Modeling formation range of close binary EHB systems

Pustõnski, Vladislav-Venjamin; Pustõlnik, Izold Mathematics and Astronomy : a joint long journey : Madrid, 23-27 November 2009
2009 / ? p <https://pubs.aip.org/aip/acp/article-abstract/1283/1/309/869565/Modeling-Formation-Range-of-Close-Binary-EHB?redirectedFrom=fulltext>

Modeling human gait based on model predictive control

Ovchinnikov, Ivan; **Vu, Trieu Minh;** Kovalenko, Pavel Proceedings of the 11th International Conference of DAAAM Baltic Industrial Engineering : 20-22th April 2016, Tallinn, Estonia 2016 / p. 185-190 : ill <http://innomet.ttu.ee/daaam/>

Modeling in semiconductor electronics

Velme, Enn; Rang, Toomas BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 2 1994 / p. 501-516: ill https://www.ester.ee/record=b2150914*est

Modeling in the bioimpedance measurement techniques using general-purpose software

Paavle, Toivo BEC 2006 : 2006 International Baltic Electronics Conference : Tallinn University of Technology, October 2-4, 2006, Tallinn, Estonia : proceedings of the 10th Biennial Baltic Electronics Conference 2006 / p. 209-212 : ill

Modeling metric time

Mõtus, Leo UML for real : design of embedded real-time systems 2003 / p. 205-220 https://link.springer.com/chapter/10.1007/0-306-48738-1_10

Modeling microprocessor faults on high-level decision diagrams [Electronic resource]

Ubar, Raimund-Johannes; Raik, Jaan; Jutman, Artur; Jenihhin, Maksim; Istenberg, Martin; Wuttke, Heinz-Dietrich DSN 2008 : supplemental : 2008 IEEE International Conference on Dependable Systems & Networks With FTCS & DCC (DSN) : June 24-27, 2008, Anchorage, Alaska 2008 / p. C17-C22 : ill. [CD-ROM]
[https://webhost.laas.fr/TSF/WDSN08/2ndWDSN08\(LAAS\)_files/Slides/WDSN08S-04-Ubar.pdf](https://webhost.laas.fr/TSF/WDSN08/2ndWDSN08(LAAS)_files/Slides/WDSN08S-04-Ubar.pdf)

Modeling of a carbon nanotube junction with ab-initio software VASP

Velme, Enn; Klopov, Mihhail; Udal, 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. 75-78 : ill

Modeling of a vortex ring flow

Fukumoto, Y.; **Kaplanski, Felix** Reports of RIAM Symposium No. 18ME-S7 2007 / p. 112-118

Modeling of asymmetric epoxidation of cyclopentadiones

Laane, Kaie; Tamm, Toomas XIIth International Congress of Quantum Chemistry : May 21-26, 2006, Kyoto, Japan : program and abstract 2006 / p. C045

Modeling of hip joint operation

Tamre, Mart World Congress of the International Association for the Engineering Analysis Community : NAFEMS : April, 1999, Rhode Island, USA 1999 / [0,1 ap]

Modeling of lighting load in residential buildings

Iqbal, Muhammad Naveed; Kütt, Lauri; Shabbir, Noman Proceeding of the 4th International Conference on Recent Trends in Computer Science and Electronics 2019 2019 / p. 111 http://www.rtcse.org/RTCSE_2019.pdf

Modeling of lighting load in residential buildings

Iqbal, Muhammad Naveed; Kütt, Lauri; Shabbir, Noman International journal of engineering and advanced technology 2018 / p. 233–236 <https://www.scopus.com/record/display.uri?eid=2-s2.0-85064435587&origin=resultslist>

Modeling of self-localized vibrations and defect formation in solids

Hižnjakov, Vladimir; Haas, Mati; Pishtshev, Aleksandr; Šelkan, Aleksander; **Klopov, Mihhail** Nuclear instruments and methods in physics research section B-beam interactions with materials and ato 2013 / p. 91-94 : ill <https://doi.org/10.1016/j.nimb.2013.01.055>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modeling of the coupled enzyme systems : model of mitochondrial creatine kinase (miCK) and adenine nucleotide translocase (ANT) coupling

Vendelin, Marko; Anmann, Tiia; Käämbre, Tuuli; Sikk, Peeter; Saks, Valdur Biophysical Society meeting abstracts : Biophysical journal supplement 2007 / p. 660A

Modeling of the water flow and quality in rivers

Vassiljev, Anatoli; Grimvall, Anders; Larsson, Martin "Environmental Impact and Water Management in a Catchment Area Perspective" : 24-26 September, 2001, Tallinn, Estonia : proceedings of the Symposium dedicated to the 40th Anniversary of Institute of Environmental Engineering at Tallinn Technical University 2001 / p. 94-102 : ill

Modeling of wash-off and leaching of pollutants from watershed by spring flow for analyzing monitoring data

Vassiljev, Anatoli; Blinova, Irina Environmental Protection Strategy Standardization and Control of Pollution Load on the Marine Environment : 1st International Conference, 20-24 September 1993, Tallinn, Estonia 1994 / p. 160-165: ill

Modeling patchiness on the sea surface caused by the interplay of winds and currents in the Gulf of Finland [Online resource]

Giudici, Andrea; Kalda, Jaan; Soomere, Tarmo 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 190-120 : ill https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf

Modeling soft-error reliability under variability

Balakrishnan, Aneesh; Cardoso Medeiros, Guilherme; Gürsoy, Cemil Cem; Hamdioui, Said; **Jenihhin, Maksim;** Alexandrescu, Dan 2021 IEEE International Symposium on Defect and Fault Tolerance in VLSI and Nanotechnology Systems (DFT) : 6-8 Oct. 2021 2021 / p. 1-6 <https://doi.org/10.1109/DFT52944.2021.9568295>

Modeling submesoscale processes in the gulf of finland - case scenario upwelling events in the summer 2006

Väli, Germo; Zhurbas, Victor; Laanemets, Jaan; Lips, Urmas; Elken, Jüri 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 82 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Modeling the Effect of Multiaxial Stress on Magnetic Hysteresis of Electrical Steel Sheets : A Comparison

Aydin, Ugur; Rasilo, Paavo; Martin, Florian; Singh, Deepak; **Belahcen, Anouar** IEEE transactions on magnetics 2017 / art. 2000904, 4 p. : ill <http://dx.doi.org/10.1109/TMAG.2017.2658676>

Modeling the reflection effect in precataclysmic binary systems

Pustõnski, Vladislav-Venjamin 2007 https://www.ester.ee/record=b2287715*est

Modeling urban stormwater runoff pollution in Tallinn, Estonia

Hood, Mark; **Reihan, Alvina; Loigu, Enn** Abstracts of accepted papers International Symposium on "New Directions in Urban Water Management" : Paris (France), 12-14 September 2007 2007 / p. 41 https://www.academia.edu/67634716/Modeling_Urban_Stormwater_Runoff_Pollution_in_Tallinn_Estonia

Modelling a blended braking system of electric vehicles

Vodovozov, Valery; Aksjonov, Andrei 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. 16-22 : ill http://ise.elnet.ee/record=b2949856~S2*est

Modelling advanced oxidation treatment of polycyclic aromatic hydrocarbons

Hautaniemi, Marjaana; **Kallas, Juha; Munter, Rein; Trapido, Marina; Veressina, Jelena** Proceedings of the Estonian Academy of Sciences. Chemistry 1999 / p. 80-95 https://www.ester.ee/record=b1072099*est

Modelling and optimal design of sheet metal RPAMPM processes

Pohlak, Meelis; Küttner, Rein; Majak, Jüri Rapid prototyping journal 2005 / 5, p. 304-311 : ill <https://www.proquest.com/docview/214029707?sourcetype=Scholarly%20Journals>

Modelling and optimal design of the incremental forming process

Pohlak, Meelis; Küttner, Rein; Majak, Jüri Proceedings of the Estonian Academy of Sciences. Engineering 2004 / 4, p. 261-269 : ill

Modelling and optimization of multi-level processing environment - discrete approach

Riismaa, Tiit 5th International Conference on Optimal Research "Simulation and Optimization in Business and Industry" : May 17-20, 2006, Tallinn, Estonia : programme and abstracts 2006 / p. 10

Modelling and simulation of a hydraulic load-sensing system in the CoCoViLa environment

Grossschmidt, Gunnar; Harf, Mait Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24-26th April 2008, Tallinn, Estonia. [1] 2008 / p. 83-88 : ill https://www.researchgate.net/publication/265539017_Modelling_and_simulation_of_a_hydraulic_loadsensing_system_in_the_cocovila_environment

Modelling and simulation of autonomous vehicles and systems and their advanced control methods = Autonoomsete sõidukite ja süsteemide ning nende täiustatud juhtimismetoodikate modelleerimine ja simuleerimine

Pedai, Andrus 2021 https://www.ester.ee/record=b5391357*est <https://digikogu.taltech.ee/et/Item/654ccb12-0d81-4ae2-ae07-11248063913c> <https://doi.org/10.23658/taltech.9/2021>

Modelling and simulation of fluid power systems in an intelligent programming environment

Grossschmidt, Gunnar; Harf, Mait 6th International Industrial Simulation Conference 2008 : ISC'2008 : June 9-11, 2008, Lyon, France : proceedings 2008 / p. 224-230

Modelling and simulation of fluid power systems in object-oriented programming environment

Grossschmidt, Gunnar; Harf, Mait; Sallaste, Taavi 8th Biennial ASME Conference on Engineering Systems Design and Analysis : ESDA 2006 : July 4-7, 2006, Torino, Italy : [proceedings] 2006 / paper ESDA2006-95387, [10] p
<https://asmedigitalcollection.asme.org/ESDA/proceedings-abstract/ESDA2006/42495/723/317919>

Modelling and simulation of steady-state conditions of a hydraulic load-sensing system

Grossschmidt, Gunnar; Harf, Mait; Djurovic, Milan International Scientific-technical Conference : Hydraulic and Pneumatics '2005 : Problems and Development Tendencies in the Beginning Decade of the 21st Century : Wroclaw, 17-19 maja 2005 2005 / p. 439-447 : ill

Modelling and simulation of two-rate state-space models for stochastic multivariable continuous-time control systems

Astrov, Igor; Rüstern, Ennu CSCS-12 : 12th International Conference on Control Systems and Computer Science : proceedings : May 26-29, 1999, Bucharest, Romania. Vol. 1 1999 / p. 103-108

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

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

Modelling financially motivated cyber crime = Finantsiliselt motiveeritud küberkuritegevuse modelleerimine

Sõmer, Tiia 2022 <https://doi.org/10.23658/taltech.10/2022> https://www.ester.ee/record=b5491785*est
<https://digikogu.taltech.ee/et/Item/5c41eec5-0c88-43c8-9294-c9f47e7c438b>

Modelling non-linear systems by extended Fourier series

Kukk, Vello Proceedings of the Estonian Academy of Sciences. Engineering 2001 / 4, p. 289-308 : ill

Modelling of abrasive wear and prognostication of erosion resistance of powder materials and coatings

Kulu, Priit; Veinthal, Renno; Käerdi, Helmo International Conference HighMatTech : October 15-19, 2007, Kiev, Ukraine : proceedings of conference 2007 / p. 472

Modelling of an inductive sensor of the Foucault cardiogram

Vedru, Jüri; Gordon, Rauno; Humal, Leo Henn; Trola, Jaanus Estonian journal of engineering 2011 / 3, p. 252-270 : ill

Modelling of charge carrier non-isothermal transport in silicon and silicon carbide

Velme, Enn; Udal, Andres Proceedings of the Estonian Academy of Sciences. Engineering 2000 / p. 144-154 : ill
https://artiklid.elnet.ee/record=b1004044*est

Modelling of CO2 mass transfer and hydrodynamics in a semi-batch reactor

Velts, Olga; Hautaniemi, Marjaana; Uibu, Mai; Kallas, Juha; Kuusik, Rein; keemik Journal of international scientific publication : materials, methods & technologies 2010 / 2, p. 68-79 : ill
https://www.researchgate.net/publication/284688605_Modelling_of_CO2_mass_transfer_and_hydrodynamics_in_a_semi-batch_reactor

Modelling of crystal growth of KDP in a 100dm3 suspension crystallizer using combination of CFD and multiblock model

Liiri, Maret; Hatakka, Henry; Kallas, Juha; Aittamaa, Juhani; Alopaeus, Ville Chemical engineering research and design 2010 / 9, p. 1297-1303 : ill
<https://www.sciencedirect.com/science/article/pii/S0263876209003189>

Modelling of crystal growth of KPD in a 100 dm3 crystallizer using combination of CFD and multiblock model

Liiri, Maret; Hatakka, Henry; Kallas, Juha; Aittamaa, Juhani; Alopaeus, Ville Proceedings of 17th International Symposium of Industrial Crystallization : 665th Event of EFCE in combination of 8th Workshop of Crystal Growth of Organic Materials : ISIC 17 - CGOM 8 : Maastricht (The Netherlands), September 14-17. 3 2008 / p. 1859-1866
<https://ui.adsabs.harvard.edu/abs/2010CERD...88.1297L/abstract>

Modelling of erosion wear of powder composite materials and coatings [Electronic resource]

Veinthal, Renno; Kulu, Priit Proceedings of 15th IFHTSE and 20 SMT Congress : September 2006, Vienna 2006 / [CD-ROM]

Modelling of heart rhythms by methods of nonlinear dynamics

Kongas, Olav XV-th Congress of the International Society of Biomechanics, July 2-6, 1995, Jyväskylä, Finland : book of abstracts 1995 / p. 496-497

Modelling of high frequency voltage transients of electrical motors

Laugis, Juhan; Lehtla, Tõnu ELECTROMOTION '99 : 3rd International Symposium on Advanced Electromechanical Motion Systems : July 8-9, 1999, Patras, Greece : proceedings. Vol. I 1999 / p. 243-247

Modelling of hydrogeological conditions in Estonian oil shale deposit - the case of dewatering a surface mine

Lind, Helena Book of proceedings : Advances in Mineral Resources Management and Environmental Geotechnology : 2nd International Conference : Hania, Crete, Greece, 25-27 September 2006 2006 / p. 209-212

Modelling of impact-abrasive wear of ceramic, metallic, and composite materials

Rahmani Ahranjani, Ramin; Antonov, Maksim; Kamboj, Nikhil Kumar Proceedings of the Estonian Academy of Sciences 2019 / p. 191–197 : ill <https://doi.org/10.3176/proc.2019.2.11> http://www.kirj.ee/public/proceedings_pdf/2019/issue_2/proc-2019-2-191-197.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modelling of inhomogeneities of SiC Schottky interfaces

Rang, Toomas Software for Electrical Engineering Analysis and Design V : [Fifth International Conference ... : Electrosoft V] 2001 / p. 3-15 : ill <https://www.witpress.com/Secure/elibrary/papers/ES01/ES01000FU.pdf>

Modelling of internal waves in the Baltic Sea

Kurkin, Andrey; Pelinovsky, Efim; Talipova, Tatyana; Soomere, Tarmo Фундаментальная и прикладная гидрофизика 2018 / p. 8-20 <https://doi.org/10.7868/S2073667318020016> [Journal metrics at Scopus](#) [Article at Scopus](#)

Modelling of magnetic and electric circuits

Demenko, Andrzej; Belahcen, Anouar; Hameyer, Kay; Pietrowski, Wojciech; Brock, Stefan COMPEL : The international journal for computation and mathematics in electrical and electronic engineering 2017 / p. 578-579 <http://dx.doi.org/10.1108/COMPEL-02-2017-0054>

Modelling of nitrogen leaching from watersheds with large drained peat areas

Vassiljev, Anatoli; Kaur, Katrin; Annus, Ivar Advances in engineering software 2018 / p. 94-100 : ill <https://doi.org/10.1016/j.advengsoft.2018.03.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modelling of nonholonomic dynamical system

Arjassov, Gennadi; Baraškova, Tatjana Materials, methods & technologies 2009 / p. 281-286

Modelling of odour dispersion from multiple point sources

Palmiste, Ülar; Kurnitski, Jarek; Laanearu, Janek IX International Symposium on Stratified Flows : abstracts 2022 / p. 77 https://www.dropbox.com/s/em57tmg3ivcv5a/Abstract_book_Opt.pdf?dl=0

Modelling of optimal vortex ring formation using the Stokes approximation

Kaplanski, Felix; Rudi, Ülo EUROMECH Fluid Mechanics Conference 6 : Stockholm, June 26-30, 2006 2006 / p. 110 https://www.researchgate.net/publication/278242829_Modeling_of_optimal_vortex_ring_formation_using_the_Stokes_approximation

Modelling of ozonation of EDTA in aqueous solutions in semicontinuous bubble columns - comparison: fundamental model vs. neural networks

Hautaniemi, Marjaana; Kallas, Juha; Palosaari, Seppo; Korhonen, Susanna; Tuhkanen, Tuula; Munter, Rein Proceedings of the 14th Ozone World Congress : Dearborn, Michigan, USA, 1999 : oral & poster presentations. Vol. 2 1999 / p. 405-419: ill

Modelling of super-wide-band slow-wave structures

Skudutis, Julius; Štaras, Stanislovas BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 457-460: ill

Modelling of the human knee joint supported by active orthosis

Musalimov, Victor; Monahov, Juri; Tamre, Mart; Rõbak, Dmitri; Sivitski, Alina; Arjassov, Gennadi; Penkov, Igor International journal of applied mechanics and engineering 2018 / p. 107-120 : ill <https://doi.org/10.1515/ijame-2018-0007> [Journal metrics at Scopus](#) [Article at Scopus](#)

Modelling of water treatment by chemical oxidation

Hautaniemi, Marjaana; Kallas, Juha Proceedings of 2nd Nordic Symposium on Reactive Separation Systems, Helsinki University of Technology, Otaniemi, Finland, June 6th-7th, 1996 1996 / p. 156-165

Modelling ozone mass transfer and reaction kinetics of ozone selfdecomposition

Kuosa, Markku; Haario, Heikki; Kallas, Juha Conference of International Ozone Association 2004 / p. 1.2.1-1 - 1.2.1.-11

Modelling spatial compositional data : reconstructions of past land cover and uncertainties

Pirzamanbin, Behnaz; Lindström, Johan; Poska, Anneli; Gaillard, Marie-Jose Spatial statistics 2018 / p. 14-31 : ill <https://doi.org/10.1016/j.spasta.2018.03.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modelling suitable layout for a small island harbour: A case study of Ruhnu in the Gulf of Riga, eastern Baltic Sea

Männikus, Rain; Wang, W. W.; Eelsalu, Maris; Najafzadeh, Fatemeh; Bihs, H.; Soomere, Tarmo Latvian journal of physics and technical sciences 2024 / p. 3-24 <https://doi.org/10.2478/lpts-2024-0040>

Modelling the influence of major baltic inflows on near-bottom conditions at the entrance of the Gulf of Finland

Lessin, Gennadi; Raudsepp, Urmas; Stips, Adolf PLoS ONE 2014 / art. 0112881 <https://doi.org/10.1371/journal.pone.0112881> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modelling the relationship of digital technologies with lean and agile strategies

Raji, Ibrahim; Ševtšenko, Eduard; Rossi, Tommaso; Strozzi, Fernanda Supply Chain Forum: an International Journal 2021 / p. 323–346 <https://doi.org/10.1080/16258312.2021.1925583> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modelling the trans-national technology transfer process

Luik, Argo Proceedings of the 3rd International Conference Industrial Engineering - New Challenges to SME : 25-27 April 2002, Tallinn, Estonia 2002 / p. 238-241 : ill

Modelling tool for the analysis of the production process for SME

Karaulova, Tatjana; Papstel, Jüri Proceedings of the 14th International DAAAM Symposium, Bosnia-Herzegovina 2003 / p. 201-202

Modelling transients in oscillator circuits

Kukk, Vello NDES'97, Moscow, June 26-27 : posters 1997 / p. 520-525: ill

Modelling transmission systems in energy system analysis : a comparative study

Gunkel, Philipp A.; Koduvare, Hardi; Kirkerud, Jon Gustav Journal of environmental management 2020 / art. 110289 <https://doi.org/10.1016/j.jenvman.2020.110289> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Models and success factor of process change

Lepasaar, Marion; Varkoi, Timo; Jaakkola, Hannu Product Focused Software Process Improvement : third International Conference, PROFES 2001, Kaiserslautern, Germany, September 10-13, 2001 : proceedings 2001 / p. 68-77 https://link.springer.com/content/pdf/10.1007/3-540-44813-6_9.pdf

Models for monitoring of technological process and production systems = Tehnoloogiliste protsesside ja tootmissüsteemide monitooringu mudelid

Otto, Tauno 2006 https://www.ester.ee/record=b2179106*est

Module reuse in product platform architecture

Sarkans, Martinš; Roosimölder, Lembit Machine engineering 2004 / 1/2, p. 45-51

Moisture dry-out capability of steel-faced mineral wool insulated sandwich panels

Kalbe, Kristo; Piikov, Hubert; Kalamees, Targo Sustainability 2021 / 18 p. : ill <https://doi.org/10.3390/su12219020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

MO-NILM: A multi-objective evolutionary algorithm for NILM classification

Machlev, Ram; Belikov, Juri; Beck, Yuval; Levron, Yoash Energy and buildings 2019 / p. 134-144 <https://doi.org/10.1016/j.enbuild.2019.06.046> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Motion imitation of the human pelvic and hip joints

Musalimov, Victor; Arjassov, Gennadi; Žigailov, Sergei; Rõbak, Dmitri; Penkov, Igor Mechatronics systems and materials 2018 2018 / art. 020046, 6 p. : ill <https://doi.org/10.1063/1.5066508> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Motion modeling of the human lower limb, supported by orthoses

Krokhaleva, Nadezhda; Turchinovich, Nikita; Ovchinnikov, Ivan; Penkov, Igor; Arjassov, Gennadi; Perepelkina, Svetlana; Reznikov, S. Proceedings of the 11th International Conference of DAAAM Baltic Industrial Engineering : 20-22th April 2016, Tallinn, Estonia 2016 / p. 132-136 : ill <http://innomet.ttu.ee/daaam/>

MPM4CPS : Multi-Paradigm Modelling for Cyber-Physical Systems

Vangheluwe, Hans; Amaral, Vasco; Norta, Alexander STAF16-DS-PS 2016 : STAF 2016 Doctoral Symposium and Projects Showcase : joint proceedings of the Doctoral Symposium and Projects Showcase Held as Part of STAF 2016 co-located with Software Technologies : Applications and Foundations (STAF 2016) : Vienna, Austria, July 4-7, 2016 2016 / p. 40-47 <http://ceur-ws.org/Vol-1675/> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

MS Estonia ferry investigation continues, no additional funds yet allocated [Online resources]

Linnart, Mart news.err.ee 2022 [MS Estonia ferry investigation continues, no additional funds yet allocated](#)

Mudelite maailmast ja maailma mudelitest

Pikkov, Lui Horisont 1971 / lk. 50-55 : ill https://www.ester.ee/record=b1072243*est <https://www.digar.ee/arhiiv/et/periodika/69612>

Multi criterial modelling of oil shale mining fields : [poster]

Karu, Veiko; Västriik, Aire; Valgma, Ingo Mining and the Environment 2007 : 8th till 10th November 2007 : Baia Mare, Romania 2007 / p. 225 : ill

Multi criterial modelling of oil shale mining fields : [poster]

Valgma, Ingo; Karu, Veiko; Västriik, Aire Mining and the Environment 2007 : 8th till 10th November 2007 : Baia Mare, Romania 2007 / p. 225 : ill

Multiagent modelling of a bacterial cell, a DnaA titration model based agent model as an example

Lints, Taivo Proceedings of the Ninth Symposium on Programming Languages and Software Tools : Tartu, Estonia, August 13-14, 2005 2005 / p. 82-96 : ill

Multicomponent water steam distillation. The tray model

Kallas, Juha; Reile, Rein Kemia-Kemi 1980 / p. 55-57 https://www.ester.ee/record=b1201067*est

Multi-electrode arc furnace technology with improved metal processing capability using current driven mixing

Mölder, Heigo; Järvik, Jaan; Vaimann, Toomas; Gordon, Rauno Conference proceedings : 2012 11th International Conference on Environment and Electrical Engineering : Venice, Italy, 18-25 May 2012 2012 / p. 313-316 : ill

Multi-fragment Markov model guided online test generation for MPSoC

Vain, Jüri; Tsiopoulos, Leonidas; Kharchenko, Vyacheslav; **Apneet Kaur;** Jenihhin, Maksim; Raik, Jaan ICTERI 2017 : ICT in Education, Research and Industrial Applications. Integration, Harmonization and Knowledge Transfer : proceedings of the 13th International Conference on ICT in Education, Research and Industrial Applications. Integration, Harmonization and Knowledge Transfer, Kyiv, Ukraine, May 15-18, 2017 2017 / p. 594-607 : ill <http://www.scopus.com/inward/record.uri?eid=2-s2.0-85020540459&partnerID=40&md5=af226e25c344c52689f23bf5c39cc267> <http://ceur-ws.org/Vol-1844/10000594.pdf> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Multi-level binarized LSTM in EEG classification for wearable devices

Nazari, N.; Mirsalari, Seyed Ahmad; Sinaei, S.; Salehi, M.E.; Daneshtalab, Masoud 2020 28th Euromicro International Conference on Parallel, Distributed and Network-Based Processing : PDP 2020, Västerås, Sweden, 11-13 March 2020 2020 / p. 175-181 <https://doi.org/10.1109/PDP50117.2020.00033>

Multi-pole modelling and computing of steady-state characteristics of a four-way valve controlled hydraulic drive in NUT environment

Grossschmidt, Gunnar; Harf, Mait Proceedings of the 3rd International Conference Industrial Engineering - New Challenges to SME : 25-27 April 2002, Tallinn, Estonia 2002 / p. 22-25 : ill

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

Harf, Mait; Grossschmidt, Gunnar ESM '2013 : The 2013 European Simulation and Modelling Conference, Modelling and Simulation : October 23-25, 2013, Lancaster University, Lancaster, UK : [proceedings] 2013 / p. 247-254 https://www.researchgate.net/publication/278093510_Multi-pole_modelling_and_intelligent_simulation_environment_for_fluid_power_systems

Multi-pole modelling and simulation of a hydraulic mechanical load-sensing system using the CoCoViLa programming environment

Grossschmidt, Gunnar; Harf, Mait Proceedings of 6th International Fluid Power Conference "Fluid Power in Motion" : April 1st and 2nd 2008 in Dresden. Volume 2 2008 / p. 553-568

Multi-pole modelling and simulation of an electro-hydraulic servo-system with a non-linear regulator in NUT environment

Grossschmidt, Gunnar; Harf, Mait Fünftes Deutsch-Polnisches Seminar Innovation und Fortschritt in der Fluidtechnik : Warszawa, 18.-19. September 2003 : Vorträge 2003 / p. 146-161 : ill

Multi-pole modelling and simulation of hydraulic chain elements

Grossschmidt, Gunnar; Vanaveski, Jüri; Harf, Mait Прогрессивные технологии и системы машиностроения : международный сборник научных трудов 2000 / p. 210-216 : ill

Multi-pole modelling and simulation of hydraulic chain systems

Grossschmidt, Gunnar; Vanaveski, Jüri; Harf, Mait Машиностроение и техносфера на рубеже XXI века : сборник трудов VII международной научно-технической конференции : 11-17 сентября 2000 г. в городе Севастополе 2000 / p. 216-222 : ill

Multi-scale analysis of wave conditions and coastal changes in the north-eastern Baltic Sea

Suursaar, Ülo; Alari, Victor; Tõnisson, Hannes Journal of coastal research 2014 / p. 223-228 : ill <https://doi.org/10.2112/SI70-038.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Multi-scale wind wave modeling in the Baltic Sea = Mitmemastaapne tuulelainete modelleerimine Läänemeres

Alari, Victor 2013 http://www.ester.ee/record=b2995944*est

Multiskilling in construction - a strategy for stable employment

Lill, Irene Technological and economic development of economy 2009 / 4, p. 540-560 : ill https://www.researchgate.net/publication/242585900_Multiskilling_in_construction_-_a_strategy_for_stable_employment

Nanoindentation analysis and micromechanical modeling of chromium carbide based composites

Hussainova, Irina; Hamed, Elham; Jasiuk, Iwona Nanomeasure 2010 : June 3-4, 2010, Krakow, Poland : abstract book 2010

Neural network control of vehicles : modeling and simulation

Astrov, Igor 2022 <https://doi.org/10.52305/GXGD6357> https://www.ester.ee/record=b5642329*est

Neural networks for language modeling and related tasks in low-resourced domains and languages = Tehisnärvivõrgud keele modelleerimise ja sellega seotud ülesannete jaoks väheste ressurssidega valdkondades ja keeltes

Tilk, Ottokar 2018 <https://digi.lib.ttu.ee/?10856> https://www.ester.ee/record=b5155353*est

Neural predictive tracking control of catamaran model sailboat for situation awareness applications

Astrov, Igor; Udal, Andres INES 2020 : IEEE 24th International Conference on Intelligent Engineering Systems, July 8-10, 2020, Reykjavik, Iceland : proceedings 2020 / p. 153-158 : ill <https://doi.org/10.1109/INES49302.2020.9147126>

New 5 mm geoid model for Estonia

Ellmann, Artu; Oja, Tõnis [EUREF2019 abstracts] 2019 / p. [60] <https://www.maaamet.ee/euref2019/EUREF2019-Abstracts.pdf>

A new approach to the modeling, design and implementation of business information systems

Taveter, Kuldar; Tamm, Boris, inform. Proceedings of the Fourth IEEE International Baltic Workshop on DB and IS : BalticDBAMPIS'2000 : May 1-5, 2000, Vilnius, Lithuania 2000 / p. 176-192

New approaches to modelling vortex rings and vortex ring-like structures

Kaplanski, Felix; Danaila, Ionut; Rybdylova, Oyuna; **Rudi, Ülo** Advances in heat transfer : proceedings of the 7th Baltic Heat Transfer Conference : Tallinn, Estonia, August 24-26, 2015 2015 / p. 35-40 : ill

New object-oriented approach of modelling mechatronics system in conceptual stage

Sell, Raivo; Tamre, Mart Proc. of 5th Int. Workshop on Research and Education in Mechatronics 2004 / p. 75-80

A new Taiwanese geoid model based upon airborne, satellite and terrestrial gravimetric data

Ellmann, Artu; Hwang, C.; Hsiao, Y.-S. Harita dergisi 2007 / June, Special issue 18, Proceedings of the 1st International Symposium of the International Gravity Field Service "Gravity Field of the Earth" : 28 August - 1 September, 2006, Istanbul, Turkey, p. 72-77 : ill http://space.cv.nctu.edu.tw/static/data/publications/Ellmann_IGFS2006_TaiwanGeoid_v2.pdf

N-nitrosoühendite tekke uurimine maomudelil

Umbleja, Anu; **Kann, Jüri** Nõukogude Eesti Tervishoid 1987 / lk. 333-335 : ill, tab https://www.ester.ee/record=b1181380*est

Non-isothermal cup test for liquid and vapour conductivity curve calibration

Klõšeiko, Paul; Margus, Karl; **Kalamees, Targo** AIP conference proceedings 2023 / art. 020030 <https://doi.org/10.1063/5.0171189>
[Conference proceedings at Scopus](#) [Article at Scopus](#)

Nonlinear interpretation of respiratory sinus arrhythmia in anesthesia

Loula, P.; **Lipping, Tarmo;** Jäntti, Ville; Yli-Hankala, Arvi Methods of information in medicine 1994 / 1, p. 52-57: ill <https://www.thieme-connect.com/products/ejournals/abstract/10.1055/s-0038-1634982>

Novel gramian-based structure-preserving model order reduction for power systems with high penetration of power converters

de Moraes Dias Campos, Nathalia; Sarnet, Tanel; Kilter, Jako IEEE transactions on power systems 2023 / p. 5381-5391
<https://doi.org/10.1109/TPWRS.2022.3228458> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Numerical modeling of fragment flight dynamics

Kivistik, Lenart; Mehrparvar, Marmar; Eerme, Martin; Dieves, Veiko; **Majak, Jüri** Proceedings of the Estonian Academy of Sciences 2025 / p. 120-125 <https://doi.org/10.3176/proc.2025.2.06>

Numerical modelling of a planing craft with a V-Shaped spray interceptor arrangement in calm water

Lakatoš, Mikloš; Tabri, Kristjan; Dashtimanesh, Abbas; Andreasson, Henrik HSMV 2020 : Proceedings of the 12th Symposium on High Speed Marine Vehicles 2020 / p. 33-42 <https://doi.org/10.3233/PMST200024> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Numerical modelling of the bottom gravity current in an obstructed channel with trapezoidal cross-section

Laanearu, Janek; Kaur, Katrin; Malcangio, Daniela; Cuthbertson, Alan; Adduce, Claudia; De Falco, Maria Chiara; Negretti, Eletta; Sommeria, Joel 6th IAHR Europe Congress, Warsaw, Poland : abstract book 2021 / p. 247-248 <https://iahr2020.pl/wp-content/uploads/2021/02/Book-of-Abstracts-15-02-2021.pdf>

Numerical simulation of the engineering problems Saaremaa deep harbour [Electronic resource]

Liiv, Toomas; Liiv, Uno Proceedings of the International Conference "Hydraulics (Science and Discipline)" 2004 / ? p. [CD-ROM]

Numerical simulation of uprising turbulent flow by 2D RANS for fluidized-bed conditions
Krupenski, Igor; Kartušinski, Aleksander; Siirde, Andres; Rudi, Ülo Oil shale 2010 / 2, p. 147-163 : ill
https://artiklid.elnet.ee/record=b2156207*est

Numerical simulation of wave propagation in heterogeneous and microstructured materials = Lainelevi numbriline simulatsioon heterogeensetes ja mikrostruktuuriga materjalides
Berezovski, Mihhail 2010 http://www.ester.ee/record=b2604922*est

Numerical simulation of waves and fronts in structured materials : a thermodynamic approach
Berezovski, Arkadi; Engelbrecht, Jüri; Maugin, Gerard Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2003 / 1, p. 30-42 : ill https://artiklid.elnet.ee/record=b1011964*est

Numerical simulations of grounding scenarios – benchmark study on key parameters in FEM modelling
Brubak, Lars; Hu, Zhiqiang; Kõrgesaar, Mihkel; Schipperen, Ingrid; **Tabri, Kristjan** Practical Design of Ships and Other Floating Structures : Proceedings of the 14th International Symposium, PRADS 2019, September 22-26, 2019, Yokohama, Japan, Vol. II 2020 / p. 257-269 https://doi.org/10.1007/978-981-15-4672-3_16 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Numerical simulations of wave climate in the Baltic Sea: a review
Soomere, Tarmo Oceanologia 2023 / p. 117-140 <https://doi.org/10.1016/j.oceano.2022.01.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Numerical study on a heeled one-stepped boat moving forward in planing regime
Dashtimanesh, Abbas; Tavakoli, Sasan; Kohansal, Ahmadreza; Khosravani, Reza; Ghassemzadeh, Abbas Applied ocean research 2020 / art. 102057, 18 p <https://doi.org/10.1016/j.apor.2020.102057> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nähtusekomplekside ja kompleksnähtuste täissüsteemse modelleerimise alused ja rakendamise põhisuunad
Mereste, Uno Infotehnoloogia ja täppismajandusteadus = Информтехнология и точная экономическая наука = Infotechnology and exact economics : vabariikliku teaduslik-praktilise seminari (Tallinn, 3. september 1988.a.) teeside kogumik. 2 1988 / lk. 191-194
https://www.ester.ee/record=b1249871*est

Office building tenants' electricity use model for building performance simulations
Ferrantelli, Andrea; Kuivjõgi, Helena; Kurnitski, Jarek; Thalfeldt, Martin Energies 2020 / art. 5541
<https://doi.org/10.3390/en13215541> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Office workstation modelling in the whole information system
Elmik, Lea Data processing, compiler writing, problems of programming 1989 / p. 72-76

Offshore wind power plant site selection in the Baltic Sea
Barzehkar, Mojtaba; Parnell, Kevin Ellis; Soomere, Tarmo; Koivisto, Matti J. Regional studies in marine science 2024 / art. 103469 <https://doi.org/10.1016/j.rsma.2024.103469> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Olav Aarna personaalnimestik : [bibliograafia]
2012 https://www.ester.ee/record=b2783379*est

On inner friction factor of fine powders
Tamm, Jaan; Tadolder, Jüri OST-96 Symposium on Machine Design, [Stockholm], May 13-14, 1996 : program, abstracts 1996 / [1] p https://kirj.ee/wp-content/plugins/kirj/pub/eng-1-1997-35-49_20230201200456.pdf

On parameterization of emulsification and heat exchange in the hydraulic modelling of oil spill from a damaged tanker in winter conditions
Kollo, Monika; Laanearu, Janek; Tabri, Kristjan Progress in the Analysis and Design of Marine Structures : proceedings of the 6th International Conference on Marine Structures (MARSTRUCT 2017), Lisbon, Portugal, 8–10 May 2017 2017 / p. 43-50
<https://www.taylorfrancis.com/books/e/9781351653411>

On requirements for event processing network models using business event modeling notation
Koschel, Arne; Astrova, Irina; Kobert, Sebastian; Naumann, Jan; Ruhe, Tobias; Starodubtsev, Oleg Intelligent Computing : Proceedings of the 2018 Computing Conference. Volume 1 Intelligent Computing 2019 / p. 756-762 https://doi.org/10.1007/978-3-030-01174-1_57 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

On test generation for microprocessors for extended class of functional faults
Oyeniran, Adeboye Stephen; Ubar, Raimund-Johannes; Jenihhin, Maksim; Raik, Jaan VLSI-SoC: New technology enabler : 27th IFIP WG 10.5/IEEE International Conference on Very Large Scale Integration, VLSI-SoC 2019 Cusco, Peru, October 6–9, 2019 : Revised and Extended Selected Papers 2020 / p. 21-44 <https://doi.org/10.1007/978-3-030-53273-4> [Conference proceedings at Scopus](#) [Article at Scopus](#)

On the development of the new Nordic gravimetric geoid model NKG2015

Ågren, Jonas; **Märdla, Silja**; **Ellmann, Artu** 26th IUGG General Assembly 2015 : Prague, Czech Republic, Prague Congress Centre, June 22-July 02, 2015 2015 / [1] p

On the influence of some inorganic salts on the partitioning of citric acid between water and organic solutions of tri-n-octylamine. Part 1, Methyl isobutyl ketone as organic solvent

Schunk, Andreas; **Menert, Anne**; Maurer, Gerd Fluid phase equilibria 2004 / p. 55-72 : ill

https://www.academia.edu/1481895/On_the_influence_of_some_inorganic_salts_on_the_partitioning_of_citric_acid_between_water_and_organic_solutions_of_tri_n_octylamine

On the optimum shift problems for process adjustment

Kiitam, Andres Proceedings of the 15th IFIP conference on system modeling and optimization, Zürich, Switzerland, August 1991 1991

On the phenomenological modelling of physical phenomena

Engelbrecht, Jüri; **Tamm, Kert**; **Peets, Tanel** Proceedings of the Estonian Academy of Sciences 2024 / p. 264-278 : ill

<https://doi.org/10.3176/proc.2024.3.10> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An open 3D CFD model for the investigation of flow environments experienced by freshwater fish

Khan, Ali Hassan; Hussmann, Karla Ruiz; Powalla, Dennis; Hoerner, Stefan; **Kruusmaa, Maarja**; **Tuhtan, Jeffrey Andrew**

Ecological Informatics 2022 / art. 101652, 12 p. : ill <https://doi.org/10.1016/j.ecoinf.2022.101652> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Open-source software for modeling and analysis of power networks in the dq0 reference frame

Levron, Yoash; **Belikov, Juri** 2017 IEEE Manchester PowerTech (PowerTech 2017) : Manchester, United Kingdom, 18-22 June 2017 2017 / p. 623-628 : ill <https://doi.org/10.1109/PTC.2017.7980912>

Optimal decomposition of large-scale systems

Riismaa, Tiit; **Vaarmann, Otu** The International Workshop on Harbour, Maritime and Multimodal Logistics, Modelling & Simulation : HMS 2003 : September 18-20, 2003, Riga, Latvia 2003 / p. 385-394

Optimization of the room-and-pillar mining technology for oil-shale mines

Nikitin, Oleg 2003 https://www.ester.ee/record=b1465925*est

Optimum modelling of input-output characteristics

Šuvalova, Jelena Scientific proceedings of Riga Technical University. 4. [series], Power and electrical engineering 2002 / p. 113-118 : ill

Optional model of manufacturing of plastic moulds

Papstel, Jüri; **Hermaste, Aigar** Proceedings of the 3rd International Conference Industrial Engineering - New Challenges to SME : 25-27 April 2002, Tallinn, Estonia 2002 / p. 130-133 : ill

Organ bio-impedance modelling with 3D mesh of equivalent circuits

Gordon, Rauno Proceedings of the XII International Conference on Electrical Bioimpedance & the V Conference on Electrical Impedance Tomography : ICEB/EIT 2004 : June 20-24, 2004, Gdansk, Poland. Vol. 2 2004 / p. 715-718

Ozonation of aqueous phenol catalyzed by biochar produced from sludge obtained in the treatment of coking wastewater

Zhang, Fengzhen; Wu, Kaiyi; Zhou, Hongtao; Hu, Yun; **Preis, Sergei**; Wu, Haizhen; Wei, Chaohai Journal of environmental management 2018 / p. 376-386 : ill <https://doi.org/10.1016/j.jenvman.2018.07.038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Over- and understeering with a limited slip differential

Resev, Jüri; **Roosimölder, Lembit**; **Siitas, Marko** Proceedings of NordDesign 2008 : August 21-23, 2008 2008 / p. 358-365 : ill <https://www.designsociety.org/publication/27385/Over-+and+understeering+with+a+Limited+Slip+Differential>

PASTA threat modeling for cyber resilience and COLREG compliance in autonomous ship systems

Erbas, Muhammed; **Visky, Gabor**; Maennel, Olaf Manuel; **Tsiopoulos, Leonidas**; **Vaarandi, Risto** 2025 IEEE International Conference on Cyber Security and Resilience (CSR) 2025 / p. 358-365 <https://ieeexplore.ieee.org/document/11130142> <http://doi.org/10.1109/CSR64739.2025.11130142>

Pathways and distribution of microplastic in the Eastern Baltic Sea = Mikroplasti levik ja jaotused Läänemere idaosas

Mishra, Arun 2025 https://www.ester.ee/record=b5748117*est <https://digikogu.taltech.ee/et/Item/926a58d0-78e8-4c52-9df7-8fad0dbfdc4c> <https://doi.org/10.23658/taltech.36/2025>

Performance of the Earth Gravitational Model EGM08 over the Baltic countries [Electronic resource]

Ellmann, Artu; Kaminskis, J.; Parseliunas, E.; Jürgenson, Harli; Oja, Tõnis Geophysical research abstracts 2009 / p. EGU2009-9507 [CD-ROM]
https://www.researchgate.net/publication/252195364_Performance_of_the_Earth_Gravitational_Model_EGM08_over_the_Baltic_countries

Phase-domain modeling of the PLL frequency synthesizers

Paavle, Toivo BEC 2002 : proceedings of the 8th Biennial Baltic Electronics Conference : October 6-9, 2002, Tallinn, Estonia 2002 / p. 173-176 : ill

Phonological and morphological modeling in large vocabulary continuous Estonian speech recognition system

Alumäe, Tanel The Second Baltic Conference on Human Language Technologies : April 4-5, 2005, Tallinn, Estonia : proceedings 2005 / p. 89-94 : ill https://artiklid.elnet.ee/record=b1018423*est

PI parameter influence on underfloor heating energy consumption and setpoint tracking in nZEBs

Kull, Tuule Mall; Thalfeldt, Martin; Kurnitski, Jarek Energies 2020 / art. 2068, 20 p. : ill <https://doi.org/10.3390/en13082068> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pitfalls of excessive owner occupied housing

Nuuter, Tiina; Lill, Irene Procedia engineering 2013 / p. 830-836 : ill <https://doi.org/10.1016/j.proeng.2013.04.105> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Polyverif : an open-source environment for autonomous vehicle validation and verification research acceleration

Razdan, Rahul; Akbas, Mustafa Ilhan; **Sell, Raivo; Bellone, Mauro**; Menase, Mahesh; **Malayjerdi, Mohsen** IEEE Access 2023 / p. 28343-28354 <https://doi.org/10.1109/ACCESS.2023.3258681> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Postglacial Climate Change in Eastern Europe : Focus on Chironomid-based Reconstruction of Summer Temperatures and Continentality = Pärastjääaja kliimamuutus Ida-Euroopas : fookus Hironomiidide-põhisele suvetemperatuuride ja kontinentaalsuse rekonstruktsioonile

Bakumenko, Varvara 2025 https://www.ester.ee/record=b5757545*est <https://digikogu.taltech.ee/et/Item/6fdd0fb0-4152-4502-944e-c0ab7af0b10d> <https://doi.org/10.23658/taltech.53/2025>

Postimehe analüüs: see ei lõppe veel niipea

Maran, Kaur Postimees 2020 / Lk. 14-15 : ill https://www.ester.ee/record=b1072778*est [Postimehe analüüs: see ei lõppe veel niipea](#)

Power system stability monitoring - an approach of electrical load modelling

Pajo, Raine 2004 https://www.ester.ee/record=b1953752*est

Precision of simulation models of human lower limb motion

Röbak, Dmitri; Musalimov, Victor; **Arjassov, Gennadi; Penkov, Igor** The 16th International Conference "Mechatronic Systems and Materials" : MSM 2021 July 1, 2021 - July 2, 2021 : abstract book 2021 / p. 9-11 <https://vb.vgtu.lt/object/elaba:100810507/100810507.pdf>

Predicting cargo handling and berthing times in bulk terminals : a neural network approach

Gülmez, Secil; Gülmez, Yigit; Tapaninen, Ulla Pirita Case studies on transport policy 2025 / art. 101351 <https://doi.org/10.1016/j.cstp.2024.101351>

Predicting fuel properties from infrared spectra = Kütuse omaduste hindamine infrapunasppektrilt

Baird, Zachariah Steven 2017 <https://digi.lib.ttu.ee/ii/?8530> https://www.ester.ee/record=b4689447*est

Preface

Danaila, Ionut; **Kaplanski, Felix**; Sazhin, Sergei Vortex Ring Models 2021 / p. vii <https://link.springer.com/content/pdf/bfm:978-3-030-68150-0/1?pdf=chapter%20toc> [Article collection metrics at Scopus](#) [Article at Scopus](#)

Principles of modelling and simulation of technical chain systems

Grossschmidt, Gunnar Simulation in Industry : 9th European Simulation Symposium 1997 : ESS'97 : October 19-22, 1997, Passau, Germany 1997 / p. 705-712: ill

Probabilistic bivariate modeling of harmonic current

Jarkovoi, Marek; Kütt, Lauri; Iqbal, Muhammad Naveed 2020 19th International Conference on Harmonics and Quality of Power (ICHQP), 6-7 July 2020, Dubai, UAE 2020 / 6 p <https://doi.org/10.1109/ICHQP46026.2020.9177870>

Probabilistic leak detection in pipe networks using the SCEM-UA algorithm = Lekete tõenäosuse määramine torustikes algoritmi SCEM-UA abil

Puust, Raido 2007

Probabilistic leak detection in pipe networks using the SCEM-UA algorithm [Electronic resource]

Puust, Raido; Kapelan, Zoran; Savic, Dragan; **Koppel, Tiit** 8th Annual Water Distribution Systems Analysis Symposium :

proceedings of WDSA 2006 : [Cincinnati, Ohio, USA], August 27-30, 2006 2006 / [12] p. : ill. [CD-ROM]
https://www.researchgate.net/publication/221936231_Probabilistic_Leak_Detection_in_Pipe_Networks_Using_the_SCEM-UA_Algorithm

Problems of manufacturing environment modelling in intelligent manufacturing systems

Papstel, Jüri; Karaulova, Tatjana; Saks, Alo Manufacturing simulation for industrial use : IX Workshop on Supervising and Diagnostics of Machining Systems, Karpacz, Poland, March 22-27, 1998 1998 / p. 14-21: ill

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

Proceedings of the 21th [i. e. 21st] European-Japanese Conference on Information Modelling and Knowledge Bases : EJC2011 : Tallinn, Estonia, June 06-10, 2011. Vol. 2

2011 http://www.ester.ee/record=b2714060*est

Processing and filtering digital fault recorder events for load model estimation

Leinakse, Madis; Kilter, Jako 2021 IEEE PES Innovative Smart Grid Technologies Europe (ISGT-Europe), 8-21 October, 2021 : proceedings 2021 / 5 p <https://doi.org/10.1109/ISGTEurope52324.2021.9640026>

Production monitoring system design and implementation

Eiskop, Tanel; Snatkin, Aleksei; Karjust, Kristo; Tungal, Ernst Proceedings of the Estonian Academy of Sciences 2018 / p. 10-16 : ill <https://doi.org/10.3176/proc.2017.4.02> http://www.ester.ee/record=b2355998*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Programmpaket zur Modellierung der hydromechanischen Systeme

Grossschmidt, Gunnar; Pahapill, Jaak Hydraulik und Pneumatik : 6. Fachtagung, 3. Teil 1985 / S. 614

Progress in physical oceanography of the Baltic Sea during the 2003-2014 period

Omstedt, Anders; **Elken, Jüri**; Lehmann, Andreas; Leppäranta, Matti; Meier, H.E. Markus; Myrberg, Kai; Rutgersson, Anna Progress in Oceanography 2014 / p. 139-171 : ill <https://doi.org/10.1016/j.pocean.2014.08.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Projected changes of the significant wave height in the Baltic Sea by the end of the 21th century

Alari, Victor; Rästas, Henri; Raudsepp, Urmas 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 58 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Protsesside ja ilmneva käitumise modelleerimine siseturvalisuse valdkonnas

Savimaa, Raul; Tenno, Ander; Moora, Peeter Smart security = Tark turvalisus 2011 / lk. 40-65

Provably correct aspect-oriented modeling with UPPAAL timed automata

Vain, Jüri; Tsiopoulos, Leonidas; Kanter, Gerd System assurances : modeling and management 2022 / p. 447-476
<https://doi.org/10.1016/B978-0-323-90240-3.00025-4>

Põhjavee dünaamika modelleerimise võimalused mäetööde piirkonnas

Lind, Helena; Valgma, Ingo; Robam, Karin Keskkonnatehnika 2010 / 3, lk. 36-39 : ill https://artiklid.elnet.ee/record=b2096152*est

Pöördülesanded mittehomoogeensete materjalide ja keskkondade omaduste määramiseks

Janno, Jaan Tallinna Tehnikaülikooli aastaraamat 2012 2013 / lk. 175-186

QRSP modeling of the polarizability of polyaromatic hydrocarbons and fullerenes

Martin, Dana; Sild, Sulev; Maran, Uko; **Karelson, Mati** Journal of physical chemistry C 2008 / 13, p. 4785-4790
https://www.researchgate.net/publication/231648921_QSPR_Modeling_of_the_Polarizability_of_Polyaromatic_Hydrocarbons_and_Fullerenes

Qualitative modelling and its applications - a survey

Roman, Gyula; Tömösy, Gyula BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 93-96: ill

Quantitative structure-activity relationships of environmentally relevant properties

Kahn, Iiris 2007

Quantum-chemical modeling of solvated first row transition metal ions = Solvateeritud üleminekumetalli-ioonide kvantkeemiline modelleerimine

Uudsemaa, Merle 2006 http://www.ester.ee/record=b2146117*est

Quartz nonlinear high level signal modelling

Neacsu, Cristian M. BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 329-332: ill

Quick protocol for integrating the attribute information of unstructured point cloud data into a solar envelope simulation
Alkadri, Miktha Farid; **De Luca, Francesco**; Turrin, Michela; Agung, Muhammad Rafif Cahyadi Journal of green building 2023 / p. 3-15 : ill <https://doi.org/10.3992/jgb.18.4.3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Raadiokanalali Nakagami ja neljaparametriselise mudeli vahelised seosed
Raja, Aimur Telekommunikatsioon 2002 : IX rahvusvahelise telekommunikatsioonipäeva materjalid 2002 / lk. 46-53 : ill

Raadiotehnilised süsteemid : koonilise skaneerimisega nurgamõõtuuri modelleerimine : laboratoorse töö juhend
1986 https://www.ester.ee/record=b1226787*est

Raadiotehniliste järgivsüsteemide analoogmodelleerimine : metoodiline juhend laboratoorsete tööde sooritamiseks aines "Raadioautomaatika"
1982 https://www.ester.ee/record=b1265845*est

Rakendusi reaal- ja humanitaarteaduste sümbioosist
Meister, Einar; **Penjam, Jaan**; **Tõugu, Enn** Teadusmõtte Eestis : tehnikateadused 2002 / lk. 77-81 : ill

RANS modeling of a particulate turbulent round jet
Kartušinski, Aleksander; Michaelides, Efsthios; **Rudi, Ülo**; Nathan, Graham Chemical engineering science 2010 / 11, p. 3384-3393 : ill <https://www.sciencedirect.com/science/article/pii/S0009250910001107>

Real water network comparative calibration studies considering the whole process from engineer's perspective
Puust, Raido; **Vassiljev, Anatoli** Procedia engineering 2014 / p. 702-709 : ill <https://doi.org/10.1016/j.proeng.2014.11.497> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Reconfigurable intelligent surfaces in dynamic rich scattering environments : BiLSTM-based optimization for accurate user localization
Umer, Anum; **Müürsepp, Ivo**; **Alam, Muhammad Mahtab** 2024 3rd International Conference on 6G Networking (6GNet) 2024 / p. 122-126 <https://doi.org/10.1109/6GNet63182.2024.10765779>

Reconstructing sea surface temperature and salinity fields in the northeastern Baltic from observational data, based on sub-regional Empirical Orthogonal Function (EOF) patterns from models
Elken, Jüri; **Zujev, Mihhail**; **Lagemaa, Priidik** 2018 IEEE/OES Baltic International Symposium (BALTIC 2018) : Klaipeda, Lithuania 12 - 15 June 2018 2018 / p. 38-45 : ill <https://doi.org/10.1109/BALTIC.2018.8634845>

Reconstructing sea surface temperature and salinity fields in the Northeastern Baltic from observational data, based on subregional EOF patterns from models
Elken, Jüri; **Zujev, Mihhail**; **Lagemaa, Priidik** 7th IEEE/OES Baltic Symposium Clean and Safe Baltic Sea and Energy Security for the Baltic countries : abstract book : 12-15 June 2018 Klaipėda, Lithuania 2018 / p. 28 http://balticvalley.lt/baltic2018/wp-content/uploads/2018/06/abstract-book_7th_Baltic-Symposium_20180528.pdf

Reduction of tantalum pentoxide with aluminium and calcium : thermodynamic modelling and scale skilled tests
Munter, Rein; Parshin, Anatoli; Yamshchikov, Leonid; Plotnikov, Vladimir; Gorkunov, Valeri; Kober, Viktor Proceedings of the Estonian Academy of Sciences 2010 / 3, lk. 243-252 : ill

Refraction may redirect waves from multiple directions into a harbour : a case study in the Gulf of Riga, eastern Baltic Sea
Männikus, Rain; **Soomere, Tarmo**; **Najafzadeh, Fatemeh** Estonian journal of earth sciences 2022 / p. 80-88 : ill <https://doi.org/10.3176/earth.2022.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Regional geoid modelling by the least squares modified Hotine formula using gridded gravity disturbances = Piirkondlik geoidi modelleerimine vähimruutude meetodil modifitseeritud Hotine valemiga kasutades võrgustatud raskuskiirenduse hälbeid
Märdla, Silja 2017 <https://digi.lib.ttu.ee/ii/?9130> https://www.ester.ee/record=b4749552*est

Rekursiivsed juhtimissüsteemid : Eesti Teadusfondi projekt aastatel 1999-2002
Kotta, Ülle; **Nõmm, Sven** Eesti Teadusfondi Aastaraamat 2002/2003 2003 / lk. 23 : ill. (Tehnikateadused)

Remote sensing and modelling of wind waves in semi-enclosed seas = Tuulelainete kaugseire ja modelleerimine poolsuletud merealadel
Najafzadeh, Fatemeh 2022 <https://doi.org/10.23658/taltech.64/2022> <https://digikogu.taltech.ee/et/Item/f00ab062-2512-47e0-91c1-c871163f58d2> https://www.ester.ee/record=b5525225*est

Renewed circulation scheme of the Baltic Sea – based on the 40-year simulation with GETM

Maljutenko, Ilja; Raudsepp, Urmas 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 71 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Research and development of trial instrumentation for electric propulsion motor drives = Elekterveoajamite katsekeskkonna uurimine ja arendamine

Rassõlkin, Anton 2014 https://www.ester.ee/record=b3091498*est

Reserves for regenerative braking of battery electric vehicles

Raud, Zoja; Vodovozov, Valery; Lillo, Nikolai; Rassõlkin, Anton PQ2014 : the 9th International 2014 Electric Power Quality and Supply Reliability Conference (PQ) : June 11-13, 2014, Rakvere, Estonia : proceedings 2014 / p. 189-194 : ill

Residential grids power quality analyses concerning nonlinear consumer loads and PV panels = Madalpingevõrgu elektrikvaliteedi analüüs seoses ebalineaarsete elektrienergia tarbijate ja päikesepaneelidega

Niitsoo, Jaan 2016 <https://digi.lib.ttu.ee/i/?6995> https://www.ester.ee/record=b4640583*est

Review of electric vehicle testing procedures for digital twin development : a comprehensive analysis

Rjabtšikov, Viktor; Rassõlkin, Anton; Kudelina, Karolina; Kallaste, Ants; Vaimann, Toomas Energies 2023 / art. 6952 <https://doi.org/10.3390/en16196952> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Review of the analytical flow model to predict the hydraulic behaviour in electrical machine

Shams Ghahfarokhi, Payam; Kallaste, Ants; Vaimann, Toomas; Belahcen, Anouar 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärda, Estonia, June 12-15, 2019 : proceedings 2019 / 4 p. : ill <https://doi.org/10.1109/PQ.2019.8818271>

Risttalastiku arvutus ja elektriline modelleerimine

Roots, Otto 1954 http://www.ester.ee/record=b2134475*est

Rootsi Ohutusjuurdluse keskuse juht autoteeki uuringutest: tahame näha, kas ukseid on avatud või suletud

Madsen, Tarvo postimees.ee 2023 [Rootsi Ohutusjuurdluse keskuse juht autoteeki uuringutest: tahame näha, kas ukseid on avatud või suletud](#)

Rotation of floating particles in submesoscale cyclonic and anticyclonic eddies : a model study for the southeastern Baltic Sea

Zhubas, Victor; Väli, Germa; Kuzmina, Natalia 3rd Baltic Earth Conference : Earth system changes and Baltic Sea coasts, To be held in Jastarnia, Hel Peninsula, Poland, 1 to 5 June 2020, Held online, 2-3 June 2020 : Conference proceedings 2020 / p. 28-29 : ill ["proceedings"](#)

Rotational effects on exchange flows across a submerged sill

Cuthbertson, Alan; Brentsen, J.; Laanearu, Janek; Asplin, Magdeli Environmental fluid mechanics 2021 / p. 405-432 : ill <https://doi.org/10.1007/s10652-021-09779-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Run-up of a nonlinear monochromatic wave on a plane beach in presence of a tide

Didenkulova, Irina; Pelinovsky, Efim Oceanology 2019 / p. 478-481 : ill <https://doi.org/10.1134/S0001437019040027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ruumimudelid mäenduses [Elektrooniline teavik]

Kolats, Margit; Anepaio, Ain; Valgma, Ingo Maavarade kaevandamise ja kasutamise protsessid 2008 / [7] lk. : ill. [CD-ROM] https://artiklid.elnet.ee/record=b1071502*est

Sander Varbla kaitses tehnikateaduste doktori kraadi

Ellmann, Artu Geodeet 2024 / lk. 42-43 : fot https://www.ester.ee/record=b1072198*est

School-level policies and the efficiency and equity trade-off in education

Ferraro, Simona; Pöder, Kaie Journal of policy modeling 2018 / 16 p. : ill <https://doi.org/10.1016/j.jpolmod.2017.11.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sea level time series gap-filling with satellite altimetry using a bi-directional SARIMA model

Mostafavi, Majid; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu 2023 Machine Learning And Data Analysis In Oceanography, University of Liège, Belgium 2023 / 1 p [Sea level time series gap-filling with satellite altimetry using a bi-directional SARIMA model](#)

Seasonality of submesoscale coherent vortices in the Northern Baltic Proper : a model study

Väli, Germa; Zhubas, Victor Фундаментальная и прикладная гидрофизика 2021 / p. 122-129 <https://doi.org/10.7868/S2073667321030114> [Journal metrics at Scopus](#) [Article at Scopus](#)

Sediment transport patterns along the eastern coasts of the Baltic Sea = Settetranspordi mustrid Läänemere idarannikul
Viška, Maija 2014 https://www.ester.ee/record=b4419095*est

Selgus lõpuks majas? Parvlaev Estonia pardaaugu tekkelugu sai uue lõigu
Riik, Marvel ohtuleht.ee 2023 [Selgus lõpuks majas? Parvlaev Estonia pardaaugu tekkelugu sai uue lõigu](#)

Sign and model

Riives, Jaan Engineering Graphics Baltgraf - 7 : proceedings of the Seventh International Conference : (May 27-28, 2004, Vilnius, Lithuania) 2004 / p. 38-42

Signals in nerves from the philosophical viewpoint

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel Proceedings of the Estonian Academy of Sciences 2022 / p. 369-375 : ill
<https://doi.org/10.3176/proc.2022.4.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Signals in nerves from the philosophical viewpoint

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel PhilSci-Archive 2020 / 13 p <http://philsci-archive.pitt.edu/id/eprint/18135> http://philsci-archive.pitt.edu/18135/1/Signals_in_nerves_from_the_philosophical_viewpoint.pdf

A Simple and efficient quasi-3D magnetic equivalent circuit for surface axial flux permanent magnet synchronous machines

Hemeida, Ahmed; Lehtikoinen, Antti; Rasilo, Paavo; Vansompel, Hendrik; **Belahcen, Anouar** IEEE transactions on industrial electronics 2019 / p. 8318-8333 : ill <https://doi.org/10.1109/TIE.2018.2884212>

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

Viška, Maija; Soomere, Tarmo Baltica 2013 / p. 145-156 : ill <https://doi.org/10.5200/baltica.2013.26.15> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Simulation and analysis of thermal performance of an apartment building

Kusnetsov, Kadi; **Kõiv, Teet-Andrus** Proceedings of the Estonian Academy of Sciences. Engineering 2005 / 3, p. 198-206 : ill

Simulation and estimation of electrochemical processes in maintenance-free batteries with fixed electrolyte

Tenno, Ander 2004 https://www.ester.ee/record=b1994218*est

Simulation of conflict in an agent world : access to resources and possibility of termination of the population

Tepandi, Jaak Informatica 2002 / 4, p. 501-512 <https://informatica.vu.lt/journal/INFORMATICA/article/391/info>

Simulation of the fire resistance of cross-laminated timber (CLT)

Schmid, Joachim; Klippel, Michael; **Just, Alar**; Frangi, Andrea; Tiso, Mattia Fire technology 2018 / p. 1113-1148 : ill
<https://doi.org/10.1007/s10694-018-0728-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Simulation of two-rate neural network control for stochastic model of missile autopilot

Astrov, Igor; Tatarly, S.; Tatarly, S. Proceedings of the 6th WSEAS International Conference on Systems Theory and Scientific Computation : ISTASC'06 : Elounda, Agios Nikolaos, Crete Island, Greece, August 18-20, 2006 2006 / p. 169-174
<https://citeseerx.ist.psu.edu/document?repid=rep1&type=pdf&doi=33c1d222839a8b7ec32792cb70adc3812139332a>

Simulation study of a centrifugal pumping plant's power consumption at throttling and speed control

Gevorkov, Levon; Rassõlkin, Anton; Kallaste, Ants; Vaimann, Toomas 2017 IEEE 58th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) : proceedings : Latvia, Riga, 12-13 October, 2017 2017 / [5] p. : ill <http://dx.doi.org/10.1109/RTUCON.2017.8124823>

Simulation study of electric vehicles at fuzzy PID control of braking torque

Vodovozov, Valery; Petlenkov, Eduard; Aksjonov, Andrei; **Raud, Zoja** Informatics in Control, Automation and Robotics : 17th International Conference, ICINCO 2020 Lieusaint - Paris, France, July 7-9, 2020, Revised Selected Papers 2022 / p. 261-290
https://doi.org/10.1007/978-3-030-92442-3_15 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Simulink based model for flow control of a centrifugal pumping system

Gevorkov, Levon; Rassõlkin, Anton; Kallaste, Ants; Vaimann, Toomas 2018 25th International Workshop on Electric Drives: Optimization in Control of Electric Drives (IWED) 2018 / p. 1-4 : ill <https://doi.org/10.1109/IWED.2018.8321399>

Sinusoidal modeling using psychoacoustic-adaptive matching pursuits

Vafin, Renat IEEE signal processing letters 2002 / 8, 262-265 <https://ieeexplore.ieee.org/abstract/document/1034994>

Sissejuhatus infosüsteemidesse

Mikli, Toomas 1998 https://www.ester.ee/record=b1053810*est

Sissejuhatus infosüsteemidesse

Mikli, Toomas 1999 http://www.ester.ee/record=b1053810*est

6.5 kV IGBT switch realization possibilities and their feasibility study for high-power applications

Vinnikov, Dmitri; Laugis, Juhan; Strzelecki, Ryszard; Egorov, Mikhail The 4th International Scientific Conference of The Military Technical College [Korby El-Kobbah, Cairo, Egypt] : 27-29 May 2008. Proceedings of the 6th ICEENG Conference : 27-29 May, 2008 2008 / p. EE051 [CD-ROM] https://iceeng.journals.ekb.eg/article_34406.html

A six-DOF theoretical model for steady turning maneuver of a planing hull

Tavakoli, Sasan; Dashtimanesh, Abbas Ocean engineering 2019 / art. 106328, 17 p. : ill

<https://doi.org/10.1016/j.oceaneng.2019.106328> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Small-footprint airborne laser scanner data for validating marine geoid models

Gruno, Anti; Liibus, Aive; Ellmann, Artu; Oja, Tõnis; Vain, Ants; Jürgenson, Harli 2013 European Space Agency Living Planet Symposium : [programme and abstracts] 2013 / [1] p

SoC and board modeling for processor-centric board testing

Tšertov, Anton; Ubar, Raimund-Johannes; Jutman, Artur; Devadze, Sergei 14th Euromicro Conference on Digital System Design : Architectures, Methods and Tools : DSD 2011 : 31 August - 2 September 2011, Oulu, Finland : proceedings 2011 / p. 575-582 : ill <https://ieeexplore.ieee.org/document/6037463>

Software tools for modelling and simulation of manufacturing processes

Karaulova, Tatjana; Papstel, Jüri Proceedings of the 4th International Conference Industrial Engineering - New Challenges to SME : 29-30 April 2004, Tallinn, Estonia 2004 / p. 245-248 : ill

Solar PV Generation and Consumption Dataset of an Estonian Residential Dwelling

Hasan, Sayeed; Blinov, Andrei; Chub, Andrii; Vinnikov, Dmitri Scientific Data 2025 / art. 481 <https://doi.org/10.1038/s41597-025-04747-w>

Solving line balancing problems with model checking

Vain, Jüri; Randvee, Ingmar; Riismaa, Tiit; Ernits, Juhan-Peep Proceedings of the Estonian Academy of Sciences. Engineering 2002 / 4, p. 211-222 : ill https://artiklid.elnet.ee/record=b1011298*est

Sonar adaption to the measurement range

Derkatš, Julia; Koževnikov, Valeri BEC 2002 : proceedings of the 8th Biennial Baltic Electronics Conference : October 6-9, 2002, Tallinn, Estonia 2002 / p. 195-198 : ill

Spatial modelling tools in mining areas for improving mining process

Karu, Veiko 8th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology. II : [Pärnu, January 11-16, 2010 : proceedings] 2010 / p. 129-133 : ill

Spatio-temporal variability of the Baltic Sea wave fields = Läänemere lainetuse tingimuste ajalis-ruumiline muutlikkus

Räämet, Andrus 2010 https://www.ester.ee/record=b2604916*est

Spatiotemporal variability of wave climate in the Gulf of Riga

Najafzadeh, Fatemeh; Jankowski, Mikolaj Zbigniew; Giudici, Andrea; Männikus, Rain; Suursaar, Ülo; Viška, Maija; Soomere, Tarmo Oceanologia 2024 / p. 56-77 : ill <https://doi.org/10.1016/j.oceano.2023.11.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Stability problems in undermined areas

Karu, Veiko 8th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology. II : [Pärnu, January 11-16, 2010 : proceedings] 2010 / p. 134-137 : ill

State isomorphism in model programs with abstract data structures

Veanes, Margus; Ernits, Juhan-Peep; Campbell, Colin Formal Techniques for Networked and Distributed Systems - FORTE 2007 : 27th IFIP WG 6.1 International Conference : Tallinn, Estonia, June 27-29, 2007 : proceedings 2007 / p. 112-127 : ill

State isomorphism in model programs with abstract data structures

Veanes, Margus; Ernits, Juhan-Peep; Campbell, Colin Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK teise aastakonverentsi artiklite kogumik : 11.-12. mai 2007, Viinistu kunstimuseum 2007 / lk. 43-46 : ill

A state-of-the-art empirical round robin validation of heat, air and moisture (HAM) models

Dang, Xinyuan; Guimarães, Ana Sofia; Sarkany, Andreas; Laukkanen, Anssi; Xu, Bingyu; Vanderschelden, Bruno; Rode, Carsten; Xia, Changchang; Feng, Chi; Whitman, Chris; Klõšeiko, Paul; Kalamees, Targo; Kuk, Villu Building and Environment 2025 / art. 112867 <https://doi.org/10.1016/j.buildenv.2025.112867>

Statistilise modelleerimisest

Võhandu, Leo Arvutustehnika ja Andmetöötlus 1991 / 2, lk. 15-18

Steady-state thermal model of a synchronous reluctance motor

Shams Ghahfarokhi, Payam; Belahcen, Anouar; Kallaste, Ants; Vaimann, Toomas; Rassõlkin, Anton 59th Annual International Scientific Conference on Power and Electrical Engineering : November 12, 13, 2018, Riga Technical University (RTUCON) : conference proceedings 2018 / 5 p. : ill <https://doi.org/10.1109/RTUCON.2018.8659846>

Striped texture of submesoscale fields in the northeastern Baltic Proper : results of very high-resolution modelling for summer season

Zhubas, Victor; Väli, Germo; Kuzmina, Natalia Oceanologia 2022 / p. 1-21 : ill <https://doi.org/10.1016/j.oceano.2021.08.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Structure identification of NN-ANARX model by genetic algorithm with combined cross-correlation-test based evaluation function

Nõmm, Sven; Vassiljeva, Kristina; Belikov, Juri; Petlenkov, Eduard 2011 9th IEEE International Conference on Control and Automation (ICCA) : Santiago, Chile, December 19-21, 2011 : [proceedings] 2011 / p. 65-70 : ill <https://ieeexplore.ieee.org/document/6137961>

Study of point defects in wide- bandgap Cu₂CdGeS₄ microcrystals by temperature and laser power dependent photoluminescence spectroscopy

Krustok, Jüri; Raadik, Taavi; Li, Xiaofeng; Kauk-Kuusik, Marit; Timmo, Kristi; Oueslati, Souhaib; Grossberg, Maarja Journal of physics D : applied physics 2020 / 10 p. : ill <https://doi.org/10.1088/1361-6463/ab83c1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Studying the water regime of the Baltic Oil Shale Basin with the new Virumaa groundwater flow model

Polikarpus, Maile; Pärn, Joonas Yearbook 2018 / Geological Survey of Estonia 2019 / p. 35-36 : ill., map https://www.egt.ee/sites/default/files/content-editors/aastaraamat/egt_aastaraamat_eng_web.pdf https://www.ester.ee/record=b5231713*est

Subchronic oral and inhalation toxicities : a challenging attempt for modeling and prediction

Dobchev, Dimitar A.; Tulp, Indrek; Karelson, Gunnar; Tamm, Tarmo; Tamm, Kaido; Karelson, Mati Molecular informatics 2013 / p. 793-801 : ill <https://doi.org/10.1002/minf.201300033> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Submesoscale processes in the surface layer of the central Baltic Sea: A high-resolution modelling study

Väli, Germo; Meier, H.E. Markus; Liblik, Taavi; Radtke, Hagen; Klingbeil, Knut; Gräwe, Ulf; Lips, Urmas Oceanologia 2024 / p. 78-90 <https://doi.org/10.1016/j.oceano.2023.11.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A Surrogate model for daily sea surface current fields prediction using CNN-UNET

Barzandeh, Amirhossein; Maljutenko, Ilja; Rikka, Sander; Raudsepp, Urmas EGU General Assembly 2025 2025 / art. EGU25-16890 <https://meetingorganizer.copernicus.org/EGU25/EGU25-16890.html> <https://doi.org/10.5194/egusphere-egu25-16890>

Survetorude hüdrodünaamika probleeme

Koppel, Tiit; Ainola, Leo; Vassiljev, Anatoli Teadusmõtte Eestis. 4, Tehnikateadused. 2 2007 / lk. 33-40 : ill

Survey of a power quality measurement campaign in low-voltage grids

Püvi, Verner; Tukia, Toni; Lehtonen, Matti; Kütt, Lauri 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärda, Estonia, June 12-15, 2019 : proceedings 2019 <https://doi.org/10.1109/PQ.2019.8818232>

Survey on 3D technologies : case study on 3D scanning, processing and printing with a model

Abdelmomen, Mohamed; Dengiz, Ozan Fuat; Tamre, Mart 2020 21st International Conference on Research and Education in Mechatronics (REM) 2020 <https://doi.org/10.1109/REM49740.2020.9313881>

Sustainable management of construction labour

Lill, Irene The 25th International Symposium on Automation and Robotics in Construction : ISARC-2008 : June 26-29, 2008, Vilnius, Lithuania : selected papers 2008 / p. 864-875 : ill https://www.researchgate.net/publication/320405191_Sustainable_Management_of_Construction_Labour

Süsteemide süsteemi olukorra hindamisest selle komponentide võimemudelite abil

Mõtus, Leo; Teichmann, Mare; Meriste, Merik; Rannat, Kalev; Priisalu, Jaan; Kaugerand, Jaanus Sõjateadlane 2020 / Lk. 238-260 https://www.ester.ee/record=b4555087*est

System for bioimpedance signal simulation from pulsating blood flow in tissues

Gordon, Rauno; Pesti, Ksenija Lecture notes on impedance spectroscopy : measurement, modeling and applications. Vol. 4 2014 / p. 51-58 : ill

System level modeling of phase locked loops : behavioral analysis and parameterization

Paavle, Toivo 2003 https://www.ester.ee/record=b1809261*est

System level modeling of phase locked loops : behavioral analysis and parameterization

Paavle, Toivo 2009 https://www.ester.ee/record=b1809261*est

Takagi-Sugeno systems with improved interpretability and interpolation using a complementary interpolation model

Riid, Andri; Rüstern, Ennu Proceedings of the IEEE 4th International Conference on Intelligent System Design and Applications : Budapest, Hungary, 2004. Vol. 1 2004 / p. 259-264 : ill https://conf.uni-obuda.hu/isda2004/43_ISDA2004.pdf

Tallinna Tehnikaülikooli Kuressaare Kolledžis saab skaneerida paadid 3D-mudelina arvutisse

Koppel, Kaarel Paat & Merendus 2023 / lk. 68-69 : fot http://www.ester.ee/record=b4471304*est

Task knowledge patterns reuse in multi-agent systems development

Cheah, WaiShiang; Sterling, Leon; **Taveter, Kuldar** Principles and Practice of Multi-Agent Systems : 13th International Conference, PRIMA 2010, Kolkata, India, November 12-15, 2010 : revised selected papers 2012 / p. 459-474 : ill https://link.springer.com/chapter/10.1007/978-3-642-25920-3_33

Teaching numeric modeling and design of electrical devices [Electronic resource]

Reinap, Avo ICEM 2006 : XVII International Conference on Electrical Machines : September 2-5, 2006, Chania, Crete Island, Greece 2006 / p. 514-1 - 514-5

Techniques of combination of metamodel extensions

Raabe, Alar Proceedings of the Estonian Academy of Sciences. Engineering 2002 / 1, p. 3-17 : ill https://artiklid.elnet.ee/record=b1009137*est

Techno-economic modelling of the Baltic CCUS onshore scenario

Šogenova, Alla; Šogenov, Kazbulat; Uibu, Mai; Kuusik, Rein, keemik; Simmer, Karl Baltic Carbon Forum 2022 / p. 4 <https://doi.org/10.21595/bcf.2022.22841>

Temporally extended high-level decision diagrams for PSL assertions simulation

Jenihhin, Maksim; Raik, Jaan; Tšepurov, Anton; Ubar, Raimund-Johannes Proceedings : Thirteenth IEEE European Test Symposium : ETS 2008 : 25-29 May 2008, Verbania, Italy 2008 / p. 61-68 : ill <https://ieeexplore.ieee.org/document/4556029>

Test driven domain modelling

Piho, Gunnar; Tepandi, Jaak; Parman, Marko; Puusep, Viljam; Roost, Mart MIPRO 2011 : 34th International Convention on Information and Communication Technology, Electronics and Microelectronics : May 23-27, 2011, Opatija, Croatia : proceedings 2011 / p. 576-581 <https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=5967121>

The 5 mm geoid model for Estonia computed by the least squares modified Stokes's formula

Ellmann, Artu; Märdla, Silja; Oja, Tõnis Survey review 2020 / p. 352-372 : ill <https://doi.org/10.1080/00396265.2019.1583848> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The cluster computation-based hybrid FEM–analytical model of induction motor for fault diagnostics

Asad, Bilal; Vaimann, Toomas; Belahcen, Anouar; Kallaste, Ants; Rassõlkin, Anton; Iqbal, Muhammad Naveed Applied sciences 2020 / art. 7572, 15 p. : ill <https://doi.org/10.3390/app10217572> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The cluster computation-based hybrid FEM–analytical model of induction motor for fault diagnostics

Asad, Bilal; Vaimann, Toomas; Belahcen, Anouar; Kallaste, Ants; Rassõlkin, Anton; Iqbal, Muhammad Naveed Advances in machine fault diagnosis 2022 / p. 27-41 <https://doi.org/10.3390/app10217572>

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 investigation of metals joint zone in bimetallic parts acquired by impuls fused-forging modeling

Kommel, Lembit Proceedings of the International Symposium-Exhibition on Advanced Materials, Technologies, Equipment and Tools in Mechanical Engineering : April 20-23, 1999, Kiev, Ukraine 1999 / p. 65

The modelling and prognosis of hydroabrasive wear of hard alloys

Valdma, Leo; Kallas, Paul Proceedings of the 5th international congress on tribology, vol. 3 1989 / p. 71-75 : ill https://www.ester.ee/record=b4467987*est

The modelling of oil shale mining development and its influence to the environment

Valgma, Ingo; Lind, Helena; Västriik, Aire EU Legislation as it Affects Mining : [INFRA 22944 TAIEX Workshop : 30th November -

The multicomponent water steam distillation. The tray model

Kallas, Juha; Reile, Rein Kemia-Kemi 1979 / p. 611-615 https://www.ester.ee/record=b1201067*est

The role of cross-border power transmission in a renewable-rich power system - A model analysis for Northwestern Europe

Chen, Yi-Kuang; **Koduvere, Hardi**; Gunkel, Philipp A. Journal of environmental management 2020 / art. 110194, 8 p. : ill

<https://doi.org/10.1016/j.jenvman.2020.110194> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The use of modelling for the analysis of river water quality monitoring data

Vassiljev, Anatoli; Blinova, Irina Tallinna Tehnikaülikooli Toimetised 1994 / lk. 24-31: ill

A theoretical investigation on consideration of initial conditions in fractional-order transfer function modeling

Alagoz, Baris Baykant; **Tepljakov, Aleksei; Petlenkov, Eduard**; Yeroglu, Celaledin 2017 40th International Conference on Telecommunications and Signal Processing TSP : July 5-7, 2017, Barcelona, Spain 2017 / p. 710-713 : ill

<https://doi.org/10.1109/TSP.2017.8076080>

Thermal management of a SynRM for traction application

Shams Ghahfarokhi, Payam 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering".

Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings] 2019 / p. 109-110 : ill

https://www.ester.ee/record=b5183874*est

Thermal model of a synchronous reluctance motor

Shams Ghahfarokhi, Payam; Kallaste, Ants; Belahcen, Anouar 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. 63-64 : ill http://ise.elnet.ee/record=b2950016~S2*est

Thermal model of building integrated air type photovoltaic-thermal system under varying conditions

Jagomägi, Andri EU PVSEC 2016 : 32nd European Photovoltaic Solar Energy Conference and Exhibition : 21-24 June 2016, München, Germany 2016 / p. 2740-2745 <http://dx.doi.org/10.4229/EUPVSEC20162016-6AV.5.8>

Thermodynamic modeling for investigation of the polyparaphenylene

Golovtsov, Igor; Öpik, Andres Proceedings of Baltic Polymer Symposium 2001 : Oct. 11-12 in Tallinn 2001 / p. 67-73 : ill

Thickener control on the basis of ultrasonic measurements and fuzzy inference

Morkun, Volodymyr; Morkun, Natalia; Serdiuk, Oleksandra; Haponenko, Alona; **Boyarchuk, Artem** IntellITSIS 2022 : Proceedings of the 3rd International Workshop on Intelligent Information Technologies and Systems of Information Security 2022 / p. 238-248

<https://ceur-ws.org/Vol-3156/paper17.pdf> <https://ceur-ws.org/Vol-3156/> [Conference proceedings at Scopus](#) [Article at Scopus](#)

3-D eddy current analysis in steel laminations of electrical machines as a contribution for improved iron loss modeling

Handgruber, Paul; Stermecki, Andrej; Biro, Oszkar; **Belahcen, Anouar**; Dlala, Emad Proceedings : 2012 XXth International Conference on Electrical Machines : Palais des Congrès et des Expositions de Marseille Marseille, France, 02-05 September, 2012 2012 / p. 16-22 : ill <https://ieeexplore.ieee.org/document/6510501>

Three-dimensional eddy-current analysis in steel laminations of electrical machines as a contribution for improved iron loss modeling

Handgruber, Paul; Stermecki, Andrej; Biro, Oszkar; **Belahcen, Anouar**; Dlala, Emad IEEE transactions on industry applications

2013 / p. 2044-2052 : ill <https://doi.org/10.1109/TIA.2013.2260713> <https://ieeexplore.ieee.org/document/6510501> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

3D finite element modelling of mixing phenomena in droplet-based microfluidic systems

Szomor, Zsombo; **Gyimah, Nafisat**; Fürjes, Peter; Pardy, Tamas 2024 19th Biennial Baltic Electronics Conference (BEC) 2024 / 4 p

<https://doi.org/10.1109/BEC61458.2024.10737975> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Time modelling for requirements and specification analysis

Mötus, Leo; Meriste, Merik 27th IFAC/IFIP/IEEE Workshop on Real-time Programming : Swiebodzin, Poland, 2003 2003 / p. 13-18

Timing simulation of digital circuits with binary decision diagrams

Ubar, Raimund-Johannes; Jutman, Artur; Peng, Z. Design, Automation and Test in Europe : Conference and Exhibition 2001 :

Munich, Germany, March 13-16, 2001 : proceedings 2001 / p. 460-466 : ill <https://ieeexplore.ieee.org/document/915063>

Tool for modeling technological knowledge

Papstel, Jüri; Karaulova, Tatjana; Saks, Alo Proceedings of the 11th International DAAAM Symposium : Intelligent Manufacturing & Automation : Man - Machine - Nature 2000 / p. 353-354

Towards a practical model of strategy-as-practice

Valmra, Egert; Metsla, Ergo; Rannus, Rando; Rillo, Marko Working papers in economics. Vol. 18 (TUTWPE No 137-140) 2006 / TUTWPE No. 138, p. 23-42 : ill https://artiklid.elnet.ee/record=b1019780*est

Towards controllable electrospinning: a systematic analysis of the effect of input parameters on nanofiber morphology

Mahdian, Mehrab; Stummer, Tamas; Sepsik, Norman; Ender, Ferenc; Balogh-Weiser, Diana; Pardy, Tamas techrxiv.org 2025 / 86 p <https://doi.org/10.36227/techrxiv.174662365.53016549/v1>

Towards evolving class and object lattices (in OODB)

Haav, Hele-Mai Information Modelling and Knowledge Bases VI 1995 / p. 413-426 : ill

Towards generation of synthetic data sets for hybrid conflict modelling

Nõmm, Sven; Venables, Adrian Nicholas IFAC-Papers OnLine 2022 / p. 25-30 <https://doi.org/10.1016/j.ifacol.2022.10.226>
[Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Towards realistic dynamic topography from coast to offshore by incorporating hydrodynamic and geoid models

Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu Ocean modelling 2022 / art. 102124
<https://doi.org/10.1016/j.ocemod.2022.102124> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

О моделировании силовой части мощного электропривода постоянного тока с применением электронной моделирующей установки

Agur, Ustus 1958 https://www.ester.ee/record=b1380603*est <https://digikogu.taltech.ee/et/Item/ede6499d-c313-4ca4-8326-7940049feea2>

Transient modeling and recovery of non-stationary fault signature for condition monitoring of induction motors

Asad, Bilal; Vaimann, Toomas; Belahcen, Anouar; Kallaste, Ants; Rassõlkin, Anton; Shams Ghahfarokhi, Payam Advances in machine fault diagnosis 2022 / p. 43-59 <https://doi.org/10.3390/app11062806>

Transient modeling and recovery of non-stationary fault signature for condition monitoring of induction motors

Asad, Bilal; Vaimann, Toomas; Belahcen, Anouar; Kallaste, Ants; Rassõlkin, Anton; Shams Ghahfarokhi, Payam; Kudelina, Karolina Applied sciences 2021 / 17 p. : ill <https://doi.org/10.3390/app11062806> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Transparency enhancement of first order Takagi-Sugeno systems: promoting of the competition between the rules by controlling the overlap of input fuzzy sets

Riid, Andri; Isotamm, Raul; Rüstern, Ennu BEC 2002 : proceedings of the 8th Biennial Baltic Electronics Conference : October 6-9, 2002, Tallinn, Estonia 2002 / p. 137-140 : ill

Trends in extreme water levels of the eastern Baltic Sea

Pindsoo, Katri; Soomere, Tarmo 10th Baltic Sea Science Congress : Science and Innovation for Future of the Baltic and the European Regional Seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 76 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

TTÜ teadlased töötasid välja reostuse leviku prognoosisüsteemi

Kuidas ennustada merel reostuse levikut?

keskkonnatehnika.ee 2023 [TTÜ teadlased töötasid välja reostuse leviku prognoosisüsteemi](https://www.keskkonnatehnika.ee/2023/07/10/ttu-teadlased-tootasid-valja-reostuse-leviku-prognoosisusteemi/) [Kuidas ennustada merel reostuse levikut?](https://www.keskkonnatehnika.ee/2023/07/10/ttu-teadlased-tootasid-valja-reostuse-leviku-prognoosisusteemi/)

Two dimensional modeling of the shunted emitter area for power shepistors

Rang, Toomas; Saul, Indrek Modeling, Simulation and Control 1989 / p. 29-39

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

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

2D computational-numerical hardness comparison between fe-based hardfases with WC-Co reinforcements for integral-differential modelling

Casesnoves, Francisco Key engineering materials 2018 / p. 330 - 338 <https://doi.org/10.4028/www.scientific.net/KEM.762.330>
[Conference Proceedings at Scopus](#) [Article at Scopus](#)

Two-phase CFD modelling of air-water flow transition in a horizontal circular pipe and comparisons with experimental results

Laanearu, Janek; Kaur, Katrin Papers presented at 13th International Conference on Pressure Surges, Bordeaux, France, 14th-16th November, 2018 ; volume 2 2018 / p. 937-948 : ill

Töö efektiivsuse mõõtmine ja modelleerimine

Kalle, Eedo Tööteaduslased uurimused. 2 2001 / lk. 6-11

Tööpuuduse modelleerimise võimalikkusest

Kalle, Eedo EMI Teataja 1992 / 9/10, lk. 23-27

Tööstuses toimuvaid protsesse saab nüüdsest jälgida reaajas

Shirokova, Veronika Mente et Manu 2022 / lk. 43 https://www.ester.ee/record=b1242496*est

A type-theoretic potpourri: towards final coalgebras of accessible functors

Basold, Henning; Veltri, Niccolo EUTYPES-TYPES 2020 : Abstracts 2020 / 3 p

<https://types2020.di.unito.it/abstracts/BookOfAbstractsTYPES2020.pdf>

Uni- and bidirectional stratified flows in submerged openings of built environment = Ühe- ja kahesuunaline stratifitseeritud voolamine konstruktsioonipiirde uputatud avades

Kollo, Monika 2018 <https://digi.lib.ttu.ee/i/?9257> https://www.ester.ee/record=b4758708*est

Use of modelling error dynamics for the calibration of water distribution systems

Koppel, Tiit; Vassiljev, Anatoli Advances in engineering software 2012 / p. 188-196 : ill

<https://www.sciencedirect.com/science/article/pii/S0965997811002638>

Using agent and UML technologies in modelling organizations : the case of a vehicle theft

Savimaa, Raul Proceedings of the Estonian Academy of Sciences. Engineering 2005 / 1, p. 31-45 : ill

Using model-based sub-regional EOF patterns to reconstruct temperature and salinity fields from observations [Online resource]

Elken, Jüri; Zujev, Mihhail 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 :

conference proceedings 2018 / p. 18-19 : ill [https://www.baltic-](https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf)

[earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf](https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf)

Using SA methods and multi-level grammars to design hypertext materials

Henno, Jaak Information modelling and knowledge bases III. Foundations: theory and applications 1992 / p. 451-466

Using transient flow equations for modelling of filling and emptying of the large-scale pipeline

Koppel, Tiit; Laanearu, Janek; Annus, Ivar; Raidmaa, Meelis Water Distribution System Analysis 2010 : WDSA2010 : Tucson,

AZ, USA, Sept. 12-15, 2010 2010 / [9] p.: ill <https://ascelibrary.org/doi/10.1061/41203%28425%2912>

Uuring : Soome lahe idaosa seisundit saab parandada kahjulike heitmete vähendamisega

director.ee 2022 [Uuring: Soome lahe idaosa seisundit saab parandada kahjulike heitmete vähendamisega](https://www.ester.ee/record=b2747925*est)

Uus mudel näitab mikroplasti teekonda meres

Imeline Teadus 2025 / lk. 19 : fot https://www.ester.ee/record=b2747925*est

Uus mudel prognoosib Läänemere lainete käitumist

Imeline Teadus 2022 / lk. 20 : ill https://www.ester.ee/record=b2747925*est

Validating WAM, SWAN and WAVEWATCH III in the Helsinki archipelago

Björkqvist, Jan-Victor; Vähä-Piikkiö, Olga; Alari, Victor; Kuznetsova, Alexandra; Tuomi, Laura Abstracts : [BSSC 2019] 2019 / p. 135

https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf

Validation of a zonal model to capture the thermal stratification in a room heated by a stove

Georges, Laurent; Thalfeldt, Martin; Skreiberg, Øyvind Roomvent&Ventilation 2018 : Excellent Indoor Climate and High Performing

Ventilation : proceedings 2018 / p. 511-516 : ill <https://www.lyyti.fi/e/?p=s&k=76eA857eee2A33adcE00b0E>

https://www.lyyti.fi/reg_att/efA658E7F74904eE7C/2665E4C9CB0B05edC44D.pdf

Validation of climate model-inferred regional temperature change for late-glacial Europe

Heiri, Oliver; Brooks, Stephen J.; Amon, Leeli; Veski, Siim Nature communications 2014 / p. 1-7 : ill

<https://doi.org/10.1038/ncomms5914> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

WAM, SWAN and WAVEWATCH III in the Finnish archipelago – the effect of spectral performance on bulk wave parameters

Björkqvist, Jan-Victor; Vähä-Piikkiö, Olga; Alari, Victor; Kuznetsova, A.; Tuomi, Laura Journal of operational oceanography 2020 / p.

55-70 : ill <https://doi.org/10.1080/1755876X.2019.1633236> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Variability of bottom friction velocity along the inflow water pathway in the Baltic Sea

Zhubas, Victor; Väli, Gernot; Golenko, Nikolay; Paka, Vadim Journal of marine systems 2018 / p. 50-58 : ill

<https://doi.org/10.1016/j.jmarsys.2018.04.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Water distribution model for decision-making with updatable data links

Puust, Raido; Koor, Margus; Vassiljev, Anatoli Journal of Water Supply: Research and Technology - AQUA 2015 / p. 596-609 :
joon <http://dx.doi.org/10.2166/aqua.2014.038>

Water distribution system modelling and pumping optimization based on real network of Tallinn = Tallinna linna ühisveevärgi modelleerimine ja pumpamise optimeerimine

Koor, Margus 2015 https://www.ester.ee/record=b4478906*est

Water sorption behaviour of commercial furcellaran

Eha, Kairit; Kaleda, Aleksei; Menert, Anne; Laos, Katrin Heliyon 2022 / 10 p. : ill <https://doi.org/10.1016/j.heliyon.2022.e11056> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

Waves on a string of a monochord equipped with a rigid obstacle

Kartofelev, Dmitri Waves 2024 : book of abstracts 2024 / p. 253-254 <https://doi.org/10.17617/3.MBE4AA>

Wear-out failure analysis of an impedance-source PV microinverter based on system-level electrothermal modeling

Shen, Yanfeng; Chub, Andrii; Wang, Huai; Vinnikov, Dmitri; Liivik, Elizaveta; Blaabjerg, Frede IEEE transactions on industrial electronics 2019 / p. 3914-3927 <https://doi.org/10.1109/TIE.2018.2831643> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Wear-out failure analysis of solar optiverter operating with 60- and 72-cell Si crystalline PV modules

Liivik, Liisa; Chub, Andrii; Sangwongwanich, Ariya; Shen, Yanfeng; Vinnikov, Dmitri; Blaabjerg, Frede IECON 2018 - 44th Annual Conference of the IEEE Industrial Electronics Society : proceedings 2018 / p. 6134-6140 : ill <https://doi.org/10.1109/IECON.2018.8592925>

Veebirakenduste disaini modelleerimine UML-i abil

Eessaar, Erki A & A 2000 / 4, lk. 25-35 : ill https://artiklid.elnet.ee/record=b1004808*est

Veebirakenduste modelleerimine 4+1 arhitektuurivaate mudeliga

Robal, Tarmo A & A 2002 / 2, lk. 20-30 : ill

A Versioning Subsystem of Metamodeling System [Electronic resource]

Sgirka, Rünno CISSE 2011 International joint conferences 2011 / [6 p. : ill] [CD-ROM]

Wet oxidation of concentrated wastewaters : the kinetic modelling

Verenich, Svetlana; Kallas, Juha Oxidation Technologies for Water and Wastewater Treatment : 2nd International Conference 2000 / p. 163

What grows, adapts and lives in the digital sphere? Systematic literature review on the dynamic modelling of flora and fauna in digital twins

Mrosła, Laura; Fabritius, Eeva Henna Helena; Kupper, Kristiina; Dembski, Fabian; Fricker, Pia Ecological modelling 2025 / art. 111091 <https://doi.org/10.1016/j.ecolmodel.2025.111091>

Virtual differential as torque distribution control unit in automotive propulsion systems

Resev, Jüri; Roosimölder, Lembit Proceedings of the 4th International Conference Industrial Engineering - New Challenges to SME : 29-30 April 2004, Tallinn, Estonia 2004 / p. 74-77 : ill

Virtual heart : modelling of cardiac dynamics and intracardiac bioimpedance

Gordon, Rauno 2011 <https://www.amazon.com/Virtual-Heart-Modelling-Intracardiac-Bioimpedance/dp/3838370643>

Virtual lab to study power electronic converters [Electronic resource]

Raud, Zoja; Vodovozov, Valery SPEEDAM 2010 : International Symposium on Power Electronics, Electrical Drives, Automation and Motion : Pisa, Italy, 14th-16th June, 2010 2010 / p. 703-708 [CD-ROM] https://www.researchgate.net/publication/241171359_Virtual_lab_to_study_power_electronic_converters

Virtual lab to study power electronics in LabVIEW framework

Raud, Zoja; Vodovozov, Valery 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärdla, Estonia, June 12-15, 2019 : proceedings 2019 / 6 p
<https://doi.org/10.1109/PQ.2019.8818275>

Vortex rings in internal combustion engines : modelling versus experiment

Sazhin, Sergei; **Kaplanski, Felix**; Begg, Steven; Heikal, Morgan Proceedings of the 19th International Symposium on Transport Phenomena (ISTP-19) : Reykjavik, Iceland, August 17-20, 2008 2008 / p. 133-140 https://www.researchgate.net/profile/Felix-Kaplanski/publication/278242750_Vortex_rings_in_internal_combustion_engines_modelling_versus_experiment/links/557ed2e208aec87640ddea88/Vortex-rings-in-internal-combustion-engines-modelling-versus-experiment.pdf

Võimalused modelleerida protsesse ja käitumist

Savimaa, Raul; Moora, Peeter Radar 2011 / lk. 40-43

Алгоритмы анализа активных схем на основе редукции узлов

Zabolotni, R.; **Laksberg, Edgar** Электронное моделирование = Electronic modeling : международный научно-теоретический журнал 1985 / с. 30-34 https://www.ester.ee/record=b1291241*est

Анализ чувствительности некоторых карт статистического контроля методом имитации

Kalm, Evald; Koik, Peeter Расчет и проектирование приборов, устройств и систем технической кибернетики 1981 / с. 85-92
https://www.ester.ee/record=b1319172*est <https://digikogu.taltech.ee/et/Item/4c9b1559-97b9-4d9b-bac8-6c40840ba442>

Вероятностная модель технологического процесса производства силовых полупроводниковых приборов

Annus, Arno; Kiitam, Andres Тезисы докладов республиканской научно-технической конференции, посвященной Дню радио, Таллин, 1977 1977 / с. 23 https://www.ester.ee/record=b1313776*est

Взаимосвязанные многофакторные системы и их матричное моделирование

Saarepera, Maimu Экономические проблемы интенсификации производства : тезисы республиканской конференции, Таллин, 6-7 мая 1986 г. II часть 1986 / с. 64-70 : таб https://www.ester.ee/record=b1225243*est

Возможности моделирования условий движения с помощью теории информации

Seegerkrantz, Vladimir Совершенствование норм и методов проектирования автомобильных дорог 1979 / с. 66-69

Вопросы моделирования водных экосистем

Võsu, Aime Прогнозирование и регулирование качества воды водоемов и исследование методов очистки природных и сточных вод 1980 / с. 77-84 https://www.ester.ee/record=b1283634*est <https://digikogu.taltech.ee/et/Item/dcc66d6e-5806-4d18-869a-be4e1dcef643>

Гносеологические проблемы моделирования

Rast, Aadu; Siff, A. Тезисы докладов XXXI студенческой научно-технической конференции 1988 / с. 11-16
https://www.ester.ee/record=b1319482*est

Декомпозиция задач моделирования аппаратов химико-технологических схем

Rebane, Jüri Проблемы моделирования полупроводниковых структур и сложных схем на ЭВМ 1982 / с. 103-112 : ил
https://www.ester.ee/record=b1339926*est <https://www.etera.ee/zoom/121726/view?page=3&p=separate&search=true&tool=search>

Диалоговая система моделирования химико-технологических схем PEETER-80

Rebane, Jüri Программное обеспечение СМ ЭВМ семейства СМ-4 и микро-ЭВМ СМ-1800 : Тезисы докладов Всесоюзного научно-технического семинара 1983 / с. 79-80

Имитационное и проектное моделирование реакторов КС

Rebane, Jüri Техника псевдооживления (кипящего слоя) и перспективы ее развития : Тезисы докладов всесоюзной научно-технической конференции (Ленинград - Поддубская, 27-30 сент. 1988 г.). 1988 / с. 111-113

Имитационное моделирование процесса производства силовых полупроводниковых приборов

Kiitam, Andres; Annus, Arno XX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР : тезисы докладов. Часть 1 1974 / с. 129-130 https://www.ester.ee/record=b1306141*est

Использование структурной модели сигналов для решения задач измерения параметров

Kangur, Oleg Республиканская научно-техническая конференция, посвященная Дню радио : тезисы докладов 1973 / с. 22
https://www.ester.ee/record=b1383925*est

Испытание системы ионного возбуждения на электронной модели силовой части мощного электропривода постоянного тока

Agur, Ustus Труды по электротехнике : сборник статей. [1] 1962 / с. 75-92 : илл https://www.ester.ee/record=b2181576*est
<https://digikogu.taltech.ee/et/Item/1d6e67d3-64f2-4cf1-8525-84f7658a6c4f>

Исследование возможностей моделирования подвижности населения

Jesse, L.; **Koppel, Maano; Segerkrantz, Vladimir** Труды экономического факультета. 18 1975 / с. 35-42 : илл
https://www.ester.ee/record=b2190693*est <https://digikogu.taltech.ee/et/Item/8cc5881f-38c0-48e4-9fe2-ceb98c3abc97>

Исследование динамики производительности труда в промышленности по методу трендового моделирования
Kalle, Eedo Системный подход и статистические методы анализа 1988 / с. 60-68

Исследование регрессионной модели подвижности населения города Тарту

Koltsova, E.; Jamštšikova, A.; Koppel, Maano; Segerkrantz, Vladimir XX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР : тезисы докладов. Часть 2 1974 / с. 404-405
https://www.ester.ee/record=b1306141*est

К вопросу о моделировании образа жизни

Mihhailov, Dmitri 1945 Социалистический образ жизни и его совершенствование в свете решений XXV съезда КПСС : материалы XII межреспубликанской научно-методической конференции политэкономов Прибалтийских республик (Каунас, 17-19 мая 1978 г.) 1978 / с. 71-73

Конкурсы проектных решений и расчет их сравнительной эффективности

Rooma, Ülo Võistlusprotsesside modelleerimine = Моделирование соревновательных процессов : (teoreetiline otsing ja praktilised lahendused) : vabariiklik teaduslik-praktiline konverents (Tallinn, 29.-30. oktoober 1987. aasta) : materjalide kogumik. 2. osa 1987 / с. 342-345 : илл https://www.ester.ee/record=b1228466*est

Матричное моделирование и комплексный анализ результатов хозяйствования с учетом закономерностей развития

Orvet, M. Матричное моделирование и комплексный анализ результатов хозяйствования 1985 / с. 99-109 : ил
https://www.ester.ee/record=b1301824*est <https://digikogu.taltech.ee/et/Item/2ca961b0-8129-43e7-9d8d-087531bbd3fa>

Матричное моделирование хозяйственной деятельности : опыт и перспективы

Luur, H. Матричное моделирование и комплексный анализ результатов хозяйствования 1985 / с. 35-50 : ил
https://www.ester.ee/record=b1301824*est <https://digikogu.taltech.ee/et/Item/2ca961b0-8129-43e7-9d8d-087531bbd3fa>

Методология моделирования и оптимизации простых систем "человек-техника-среда" с аспекта безопасности труда и эргономики

Kiiv, Gunnar Актуальные вопросы охраны труда и правовой охраны промышленной собственности 1989 / с. 24-45

Моделирование автогенератора серии ИО.60 на ЦБМ

Annus, Arno; Jõgi, K.; Mikomägi, J. Труды по электротехнике и автоматике : сборник статей. 10 1972 / с. 121-130 : илл
https://www.ester.ee/record=b2190520*est <https://digikogu.taltech.ee/et/Item/49449c41-8f8a-4846-93fd-8f149889ec73>

Моделирование алгоритмов предварительной обработки пространственно-временных сигналов

Niinsalu, Udo; Pungar, Eda-Tiia Методы обработки и регистрации сигналов 1981 / с. 19-23 : илл
https://www.ester.ee/record=b1507633*est <https://digikogu.taltech.ee/et/Item/b58bba27-822f-44c3-8387-50d8a26bb3d3>

Моделирование движения плотного газодисперсного потока в горизонтальном канале : падающий и отраженный потоки

Kartušinski, Aleksander; Michaelides, Efsthios; Rudi, Ülo Известия АН РАН. Механика жидкости и газа 2005 / ? р

Моделирование динамического ослабления поля асинхронного двигателя

Boiko, Vitali; Laugis, Juhan Технічна електродинаміка 2004 / 1, с. 129-132 : ил

Моделирование диффузионных процессов производства силовых полупроводниковых приборов

Annus, Arno; Bachverk, Aleksander Труды по электротехнике и автоматике : сборник статей. 14 1976 / с. 139-144 : илл
https://www.ester.ee/record=b2190768*est <https://digikogu.taltech.ee/et/Item/aa35e320-87b1-405b-9cac-3b90c51867d1>

Моделирование концентрации носителей заряда в полупроводниках

Rang, Toomas Исследования по прикладной квантовой электронике 1987 / с. 26-36

Моделирование непрерывных автоматизированных технологических комплексов : методическое пособие

1988 https://www.ester.ee/record=b1256824*est

Моделирование непрерывных автоматизированных технологических комплексов и построение АСУ ТП

Aarna, Olav Тезисы докладов X всесоюзного научно-технического совещания "Создание и внедрение автоматизированных и автоматических систем управления непрерывными и дискретно-непрерывными технологическими процессами", 7-9 сент. 1983 г., г. Алма-Ата : В 2 ч. 1983 / с. [162-163]

Моделирование оптимальной динамики прибыли предприятия

Vainu, Jaan Модели и методы в социально-экономических исследованиях 1985 / с. 81-88 https://www.ester.ee/record=b1301835*est
<https://digikogu.taltech.ee/et/Item/be7e585c-4598-4b3b-bc0c-0814a1124114>

Моделирование походки человека в среде MATLAB/SIMULINK

Ovchinnikov, Ivan; Kovalenko, Pavel; **Vu, Trieu Minh** Известия высших учебных заведений. Приборостроение = Journal of instrument engineering 2016 / с. 690-694 : ил <http://dx.doi.org/10.17586/0021-3454-2016-59-8-690-694>

Моделирование пространственной обработки сигналов

Niinsalu, Udo Методы цифровой обработки и хранения радиотехнических сигналов 1987 / с. 7-11

Моделирование процесса капельной конденсации на ЭВМ

Jeret, Georg Сборник статей по санитарной технике. 7 1971 / с. 99-108 : илл https://www.ester.ee/record=b2085078*est
<https://digikogu.taltech.ee/et/Item/53c66a62-49cf-4ac1-aac1-10a86184e25f/>

Моделирование процессов автомобильного хозяйства

Varvas, Rein; Sillat, Rein Развитие научных исследований в области технических наук в Эстонской ССР : тезисы республиканской конференции, Таллин, 15-16 октября 1986 г. 1986 / с. 164-165 https://www.ester.ee/record=b1231513*est

Моделирование проявления горного давления на сланцевых шахтах методом конечных элементов

Undusk, Viktor Технология и комплексная механизация добычи горючих сланцев : научные сообщения 1989 / с. 34-40
https://www.ester.ee/record=b2750538*est

Моделирование рекурсивных факторных систем посредством матриц связи

Butnik-Siverski, A.B. Матричное моделирование и комплексный анализ результатов хозяйствования 1985 / с. 73-82
https://www.ester.ee/record=b1301824*est <https://digikogu.taltech.ee/et/Item/2ca961b0-8129-43e7-9d8d-087531bbd3fa>

Моделирование систем строительства объектов с учетом случайности оценок и при переменной интенсивности строительных работ

Korrovits, Harri; Lember, R. Экономика и организация строительства. 1 1972 / с. 75-87 : илл
https://www.ester.ee/record=b1364971*est <https://digikogu.taltech.ee/et/Item/6aaf2fed-2139-4030-ab9b-410928359ef2>

Моделирование систем управления в строительстве

Sutt, Jüri Развитие научных исследований в области технических наук в Эстонской ССР : тезисы республиканской конференции, Таллин, 15-16 октября 1986 г. 1986 / с. 19-21 https://www.ester.ee/record=b1231513*est

Моделирование структурной вязкости битумов

Mespak, Vello Автомобильные дороги. Автомобильный транспорт : сборник статей. 6 1973 / с. 33-38 : илл
https://www.ester.ee/record=b2122803*est <https://digikogu.taltech.ee/et/Item/bbfd445-149e-4c31-bc53-b4ab82c6d62b>

Моделирование СХТС в режиме диалога

Rebane, Jüri Проблемы моделирования полупроводниковых структур и сложных схем на ЭВМ 1982 / с. 93-102 : ил
https://www.ester.ee/record=b1339926*est <https://www.etera.ee/zoom/121726/view?page=3&p=separate&search=true&tool=search>

Моделирование счетных схем при синтезе и анализе тестов

Viilup, Agu Расчет и проектирование систем технической кибернетики 1984 / с. 37-43 : ил
https://www.ester.ee/record=b1549179*est <https://digikogu.taltech.ee/et/Item/99cc4681-4aa3-466a-b6da-b76f575d0f1e>

Моделирование теплофизических процессов в транзисторных структурах

Laansoo, Ants Проблемы моделирования полупроводниковых структур и сложных схем на ЭВМ 1982 / с. 59-66 : ил
https://www.ester.ee/record=b1339926*est <https://www.etera.ee/zoom/121726/view?page=3&p=separate&search=true&tool=search>

Моделирование технологических свойств воды водоисточника на ЭВМ

Karu, Jaan; Viies, Vladimir Неустановившиеся процессы в системах водоснабжения и водоотведения 1981 / с. 49-55 : илл
https://www.ester.ee/record=b1319728*est <https://digikogu.taltech.ee/et/Item/a29e3511-a15e-4820-91bd-9a53eb726784>

Моделирование транспортных уравнений в полупроводниках

Rang, Toomas Исследования по прикладной квантовой электронике 1987 / с. 37-42

Моделирование цифровых схем при длинных импульсных последовательностях

Evertson, Teet Расчет и проектирование систем технической кибернетики 1984 / с. 15-26 : ил
https://www.ester.ee/record=b1549179*est <https://digikogu.taltech.ee/et/Item/99cc4681-4aa3-466a-b6da-b76f575d0f1e>

Моделирование электронных схем с нерегулярными компонентами в однородном координатном базисе

Laksberg, Edgar; Sigorski, V.; Iltšenko, A. Теоретические и прикладные вопросы разработки, внедрения и эксплуатации систем автоматизированного проектирования радиоэлектронной аппаратуры : Тезисы докладов совещания-семинара молодых ученых, 9-16 сент. 1979 г 1979 / с. [?]

Модель и алгоритмы разработки программы расчетов учета и планирования основных показателей предприятий бытового обслуживания

Lageda, Peeter Применение экономико-математических моделей в планировании : обзорный материал по Эстонской ССР 1985 / с. 42-44 https://www.ester.ee/record=b1231234*est

Моделирование процесса активации поверхности полиэтиленовых изделий пламенем пазовой горелки

Piiraja, Eduard; Rajalo, Guido; Kirjanen, I. Пластические массы = Journal of the plastic compounds = Zeitschrift für plastische Massen 1980 / с. 38 https://www.ester.ee/record=b1953289*est

Накат нелинейной монохроматической волны на плоский откос в присутствии прилива

Didenkulova, Irina; Pelinovsky, Efim Океанология 2019 / с. 529–532 : ил <https://doi.org/10.31857/S0030-1574594529-532>

Некоторые вопросы построения вероятностных моделей многостадийных технологических процессов

Annus, Arno; Bachverk, Aleksander; Kiitam, Andres Разработка автоматизированных систем управления технологическими процессами и автоматизированных систем испытания с обработкой данных при производстве силовых полупроводниковых приборов : материалы всесоюзного научно-технического семинара, Люлемеяэ, ЭССР, 22-27 мая 1978 / с. 6-9 https://www.ester.ee/record=b1273280*est

О возможности моделирования безработицы

Kalle, Eedo Вестник ЭИРК 1992 / с. 27-32 https://www.ester.ee/record=b1711867*est

О возможностях моделирования гидроабразивного изнашивания

Muiste, U.; Kleis, Ilmar; Uuemõis, Haljand Износ, усталость и коррозия металлов : сборник статей. 5 1972 / с. 71-77 : илл https://www.ester.ee/record=b2190525*est <https://digikogu.taltech.ee/et/Item/bf437fe1-81f3-4dff-97b2-b8d240135d43>

О концептуальном подходе к моделированию сложных технических и социально-экономических систем управления

Zudik, A.; Puusepp, Märt X Всесоюзное совещание по проблемам управления, Алма-Ата, сент.-окт. 1986 : тезисы докладов 1986 / с. 318 https://www.ester.ee/record=b4442403*est

О месте имитационного моделирования в сфере бытового обслуживания

Lageda, Elvi Проблемы усовершенствования планирования бытового обслуживания 1979 / с. 35-46 https://www.ester.ee/record=b1281966*est <https://digikogu.taltech.ee/et/Item/ce049569-cb8e-4538-bc94-964b5d19d52e>

О моделировании дискретного и непрерывного температурных полей в поперечном сечении высокотемпературного индукционного насоса с винтовым каналом (ВИНВ)

Ratnieks, Uldis; Reimal, Lembit Сборник материалов к VI Таллинскому совещанию по электромагнитным расходомерам и электротехнике жидких проводников 1975 / с. 145-158 : ил https://www.ester.ee/record=b1322170*est

О моделировании результатов производственной деятельности предприятия

Vainu, Jaan Статистический анализ и прогнозирование 1984 / с. 61-63 https://www.ester.ee/record=b1315659*est <https://digikogu.taltech.ee/et/Item/af1e751a-4d6c-4afb-a564-045bd77472ff>

О моделировании участка механообработки кремния при создании АСУТП силовых полупроводниковых приборов

Annus, Arno; Kalm, Evald; Kivistik, Alar; Rink, V.; Võrk, Jaan Труды по электротехнике и автоматике : сборник статей. 13 1975 / с. 193-202 : ил https://www.ester.ee/record=b2190710*est <https://digikogu.taltech.ee/et/Item/ffbd63ed-06d6-4bbb-9468-118f743cc87f>

О роли моделирования в предпроектных исследованиях при создании АСУТП

Annus, Arno; Lind, H. Тезисы докладов республиканской конференции "Разработка и внедрение автоматизированных систем управления технологическими процессами для повышения эффективности производства и качества выпускаемой продукции" 1977 / с. 18-19 https://www.ester.ee/record=b1280771*est

Об интерпретативном моделировании неисправностей в комбинационных логистических схемах

Viilup, Agu; Kitsnik, Peeter; Ubar, Raimund-Johannes Труды по электротехнике и автоматике : сборник статей. 11 1973 / с. 79-88 : илл https://www.ester.ee/record=b2190624*est <https://digikogu.taltech.ee/et/Item/d6e57925-e104-44e1-a218-c5b3110d9996>

Обобщенный подход к многозначному моделированию цифровых схем на модели альтернативных графов

Voolaine, Andrus; Pall, Martin; Ubar, Raimund-Johannes Синтез и диагностика цифровых устройств и систем 1982 / с. 23-37 : илл https://www.ester.ee/record=b1328194*est <https://digikogu.taltech.ee/et/Item/febd586e-d7fa-4fbd-bf41-40576a75f94b>

Обобщенный подход к моделированию аппаратов ХТС

Kallas, Juha III всесоюзная конференция "Математическое моделирование сложных химико-технологических систем" (СХТС-III), с 7 по 9 июня 1982 года : тезисы докладов. Часть 1 1982 / с. 7-8 : ил https://www.ester.ee/record=b1275453*est

Основы моделирования автоматизированной системы управления предприятием

Toome, Roland Совершенствование учета и экономического анализа в промышленности и строительстве 1985 / с. 79-90

Основы теории поля эффективности : (новый подход к изучению эффективности производства путем ее полносистемного моделирования)

Mereste, Uno Матричное моделирование и комплексный анализ результатов хозяйствования 1985 / с. 5-34 : ил

https://www.ester.ee/record=b1301824*est <https://digikogu.taltech.ee/et/Item/2ca961b0-8129-43e7-9d8d-087531bbd3fa>

Пакет для моделирования линейных систем

Raiend, Kullo; Jürviste, E. XXV студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 21-23 апреля 1981 года : тезисы докладов. Том 2, Автоматика. Энергетика. Механика. Химия 1981 / с. 42-43 https://www.ester.ee/record=b1322629*est

Параллельное интерпретативное моделирование тестов для комбинационных логических схем

Puntso, T.; Ubar, Raimund-Johannes XX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР : тезисы докладов. Часть 1 1974 / с. 134 https://www.ester.ee/record=b1306141*est

Параметризация характеристик наката одиночных волн в бухте параболического сечения

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

Повышение эффективности численных алгоритмов моделирования проводящего состояния силовых полупроводниковых структур

Freidin, Boris; Rubinštein, M.J. Расчет и проектирование приборов, устройств и систем технической кибернетики 1981 / с. 21-26 https://www.ester.ee/record=b1319172*est <https://digikogu.taltech.ee/et/Item/4c9b1559-97b9-4d9b-bac8-6c40840ba442>

Построение факторных систем на основе матричной концепции

Saarepera, Maimu; Vensel, Vello Матричное моделирование и комплексный анализ результатов хозяйствования 1985 / с. 83-97 : ил https://www.ester.ee/record=b1301824*est <https://digikogu.taltech.ee/et/Item/2ca961b0-8129-43e7-9d8d-087531bbd3fa>

Представление и обработка данных при геометрическом моделировании машиностроительных деталей в САПР-ТП

Kimmel, Andres; Nekrassov, Grigori Автоматизация технологического проектирования процессов механической обработки 1981 / с. 37-47 : илл https://www.ester.ee/record=b1360747*est <https://digikogu.taltech.ee/et/Item/ac6449a4-8c8b-4a80-b461-c62933094ecc>

Прикладная система моделирования ХТС PEETER-80

Rebane, Jüri II всесоюзная конференция "Математическое моделирование сложных химико-технологических систем" (СХТС-III), с 7 по 9 июня 1982 года : тезисы докладов. Часть 2 1982 / с. 4-7 https://www.ester.ee/record=b1275459*est

Применение балансовых моделей для оценки состояния непрерывных технологических процессов : учебное пособие

Aarna, Olav 1985 https://www.ester.ee/record=b1227076*est

Применение метода физического моделирования для решения вопросов строительной и архитектурной акустики

Jaanis, Malle 1967 http://www.ester.ee/record=b2200138*est

Применение метода физического моделирования для решения вопросов строительной и архитектурной акустики : автореферат ... кандидата технических наук (488)

Jaanis, Malle 1967 http://www.ester.ee/record=b1348911*est

Проблемы моделирования изменений структуры расселения с помощью систем дифференциальных уравнений

Marksoo, A. Модели и методы в социально-экономических исследованиях 1985 / с. 5-19 : ил https://www.ester.ee/record=b1301835*est <https://digikogu.taltech.ee/et/Item/be7e585c-4598-4b3b-bc0c-0814a1124114>

Расчет и моделирование предварительно напряженных цилиндрических железобетонных оболочек : автореферат ... кандидата технических наук

Sumbak, Allan 1960 http://www.ester.ee/record=b1400978*est

Расчет и электромоделирование перекрестных балок : автореферат ... кандидата технических наук

Roots, Otto 1954 http://www.ester.ee/record=b1394807*est

Реализация функциональных моделей баз данных : автореферат ... кандидата технических наук (05.13.11)

Haav, Hele-Mai 1989 https://www.ester.ee/record=b1225612*est

Реализация функциональных моделей баз данных : диссертация на соискание ученой степени кандидата технических наук

Haav, Hele-Mai 1989 https://www.ester.ee/record=b4636199*est

Символьное моделирование линейных электронных схем

Сусану, Георгий; Кицуп, Игорь 35 научная конференция студентов втузов Эстонии, Латвии, Литвы, Белоруссии и Молдовы : [Таллинн, 1991] : доклады. Секция математики [и др.] 1991 / с. 26-30: ил

Точные морские данные помогут в борьбе с высокими ценами на электроэнергию [Online resources]

Lutter, S. rus.err.ee 2022 [Точные морские данные помогут в борьбе с высокими ценами на электроэнергию](#)

Циклическая усталость трубы при различных способах моделирования гармонических пульсаций напряжений

Klevtsov, Ivan; Käär, Harri Tallinna Tehnikaülikooli Toimetised 1992 / lk. 97-106: ил

Численное моделирование диодных структур с учетом Оже-рекомбинации и фотогенерации

Udal, Andres Проблемы моделирования полупроводниковых структур и сложных схем на ЭВМ 1982 / с. 3-20 : ил

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

Численное моделирование процессов в полупроводниковых структурах с учетом рекомбинации через многозарядные центры

Velmre, Enn; Opotski, Aleksei; Udal, Andres Численные методы и средства проектирования и испытания элементов РЭА : тезисы докладов. Том 1 1987 / с. 131-134 : ил https://www.ester.ee/record=b1273986*est

Численное моделирование температурных распределений в кремниевых силовых полупроводниковых приборах при воздействии мощного импульса прямого тока

Velmre, Enn; Nurste, Ivar; Freidin, Boris Проблемы моделирования полупроводниковых структур и сложных схем на ЭВМ

1982 / с. 49-58 : ил https://www.ester.ee/record=b1339926*est <https://www.etera.ee/zoom/121726/view?page=3&p=separate&search=true&tool=search>

Экологическая ситуация Финского залива вызывает опасения

rus.postimees.ee 2022 [Экологическая ситуация Финского залива вызывает опасения](#)

Электрические сети и системы : описание расчетного стола УРМЭС-2 и методика выполнения расчетов

1986 https://www.ester.ee/record=b1231990*est

Электрическое моделирование процесса турбулентной диффузии вещества загрязнения в водотоках

Ruga, Lembit Сборник статей по санитарной технике. 7 1971 / с. 109-119 : илл https://www.ester.ee/record=b2085078*est
<https://digikogu.taltech.ee/et/Item/53c66a62-49cf-4ac1-aac1-10a86184e25f/>

Электрическое моделирование смешения сточных вод

Ruga, Lembit Материалы III Всесоюзного симпозиума по вопросам самоочищения водоемов и смешения сточных вод, Таллин, 19-21 ноября 1969 г. Ч. 1 1969 / с. 173-178 : илл https://www.ester.ee/record=b1550756*est

Электротехника и автоматика

Kukk, Vello; Tamay, K.; Szekely, V.; Baji, P.; Farkas, G.; Masszi, F.; Kerecsen-Rencz, M.; Rang, Toomas; Plakk, Paul; Plakk, Peeter; Plakk, T.; Gurjanov, Boris; Männama, Vello; Laansoo, Ants; Pikkov, Otto; Rudski, V.A.; Köverik, Kait 1986

https://www.ester.ee/record=b1296007*est

Электротехника и автоматика

Kukk, Vello; Tamm, Uljas; Pikkov, Otto; Min, Mart; Velmre, Enn; Udal, Andres; Nurste, Ivar; Freidin, Boris; Rang, Toomas; Opotski, Aleksei; Laansoo, Ants; Männama, Vello; Järvalt, Aldur; Gurjanov, Boris; Lavrov, Mihhail; Belkina, I.I.; Plakk, Paul; Plakk, Peeter; Plakk, T. 1987 https://www.ester.ee/record=b1224910*est

Эффективный численный алгоритм моделирования одномерных полупроводниковых структур

Freidin, Boris Проблемы моделирования полупроводниковых структур и сложных схем на ЭВМ 1982 / с. 39-48

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