

**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

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

**A theoretical investigation on consideration of initial conditions in fractional-order transfer function modeling**

Alagoz, Baris Baykant; **Tepljakov, Aleksei**; **Petlenkov, Eduard**; Yeroglu, Celaledin 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>

**A Versioning Subsystem of Metamodeling System [Electronic resource]**

**Sgirka, Rünno** CISSE 2011 International joint conferences 2011 / [6 p. : ill] [CD-ROM]

**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 veetorustike modelleerimise kursus**

Mente et Manu 2021 / lk. 10 : fot [https://www.ester.ee/record=b1242496\\*est](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](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>

**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](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 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

**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**

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

Levron, Yoash; **Kaparin, Vadim; Belikov, Yuri** 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](http://www.ester.ee/record=b2630616*est)

**Applicability of spiral drawing test for mental fatigue modelling**

**Senkiv, Olesja; Nõmm, 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](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 neural networks based ANARX structure to backing up control of a truck-trailer [Electronic resource]**

**Belikov, Yuri; Petlenkov, Eduard; Nõmm, 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](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, Artur; 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](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/elektrijamid/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](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.ester.ee/record=b1199422\\*est](https://www.ester.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.ester.ee/record=b1064031\\*est](http://www.ester.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.ester.ee/record=b1064034\\*est](http://www.ester.ee/record=b1064034*est)

### **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 Inseneeria 2017 / lk. 32-33 : fot [http://www.ester.ee/record=b2336521\\*est](http://www.ester.ee/record=b2336521*est)

### **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; Krokhalova, 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**

Bilandi, Rasul Niazmand; 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](#)

### **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](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](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](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%94signal-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** 2017 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

### **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>

### **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 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>

### **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, Efstathios; 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>

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

**Lossmann, Eerik** 1999 [http://www.ester.ee/record=b1273070\\*est](http://www.ester.ee/record=b1273070*est)

### **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](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

### **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>

**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](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](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 updatable hydraulic model for decision making**

**Koor, Margus; Puust, Raido; Vassiljev, Anatoli** Procedia engineering 2014 / p. 959-968 : ill

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

**Eslamirad, Nasim** 2023 [https://www.ester.ee/record=b5645371\\*est](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](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](https://iea-ebc.org/Data/publications/EBC_Annex_68_Subtask_2_Report_Part_II_October_2020.pdf)

**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>

**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](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://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 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](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](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 <http://dx.doi.org/10.3390/mi8060180>

**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 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

**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 / p. 143-146 [https://doi.org/10.1007/978-3-030-34397-2\\_28](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; Eerne, Martin; Pohlak, Meelis** Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [J] 2010 / p. 257-262 : ill

**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

**Economics and PA: public choice theory, transaction costs 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](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](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

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

**Sundaria, Ravi; Daem, Andries; Osemwinyen, Osaruyi; Lehtikainen, Antti; Sergeant, Peter; Arkio, 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](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](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](http://www.ester.ee/record=b2045296*est)

### **Electrical and control engineering**

**Kalm, Evald** 1990 [https://www.ester.ee/record=b1233571\\*est](https://www.ester.ee/record=b1233571*est)

### **Elektrimasinate soojusarvutus on uute masinate projekteerimisel määrava tähtsusega**

**Vaimann, Toomas** Elektriala 2020 / lk. 12-13 : ill [http://www.ester.ee/record=b1240496\\*est](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](https://www.ester.ee/record=b1232303*est)

### **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](https://www.ester.ee/record=b4555087*est)

### **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](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](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/ccc.2.14.1>

### **Enneta küberkurjategijate tema järgmist sammu ette nähes**

Zirnask, Villu Finantsjuhtimine : infoleht 2022 / lk. 8 [http://www.ester.ee/record=b2082311\\*est](http://www.ester.ee/record=b2082311*est) <https://digikogu.taltech.ee/et/item/5c41eec5-0c88-43c8-9294-c9f47e7c438b>

### **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=b2449439*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](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]

### **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](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

### **Event participant modelling with neural networks**

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

### **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>

### **Expanded underwater robotics ready for oil spill**

Gilbert, Javier; Lopez-Castejon, F.; Rodriguez 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](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

### **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](https://www.researchgate.net/publication/260291830_Extending_UML_Profiles_to_Model_Integrity_Constraints_in_SQL_Databases)

### **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](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 performance of CLT – a task group report of COST Action FP1404**

Klippel, Michael; Schmid, Joachim; Werther, Norman; **Just, Alar** Fire performance 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/1sTPCwLpMq-2C0-NX8siSfVp9WLd54A/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**

**Tepljakov, 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>

#### **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>

#### **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=zqWBlwgAAAAJ&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&copyownerid=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](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.estec.ee/record=b2150914\\*est](http://www.estec.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

### **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 Soesooaga]**

Kändler, Tiit; **Soesoo, Alvar** Eesti Päevaleht 2007 / 16. veebr., lk. 24 [https://artiklid.elnet.ee/record=b1147900\\*est](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-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\\_LLQy5mfYDT9IGgmlsW5FFWj4f/view](https://drive.google.com/file/d/19mrk9_LLQy5mfYDT9IGgmlsW5FFWj4f/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](https://artiklid.elnet.ee/record=b2553467*est)

### **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](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 the western part of the Estonian oil shale deposit = Eesti põlevkivimaardla lääneala veerežiimi mudel**

**Lind, Helena** 2010 [https://www.estec.ee/record=b2607118\\*est](https://www.estec.ee/record=b2607118*est)

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

**Ghahfarokhi, Payam Shams;** 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](#)

### **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

### **High level fault modeling in digital systems**

**Ubar, Raimund-Johannes; Aarna, Margit; Briik, 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>

### **Hull-propeller interaction for planing boats: a numerical study**

Roshan, Fatemeh; **Dashtimanesh, Abbas**; Tavakoli, Sasan; Bilandi, Rasul Niazmand; 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**

**Nömm, 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**; Bilandi, Rasul Niazmand 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**

Bilandi, Rasul Niazmand; **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**

**Klōšeiko, 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](#)

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

**Riid, Andri; Rüstern, Ennu** Information sciences 2011 / p. 4378-4393

### **Impact of application of excellence models on organizational performance**

**Kiitam, 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](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](#)

**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>

**Information modelling and knowledge bases XVII**  
2006 [https://www.ester.ee/record=b2127981\\*est](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>

**Investigation and development of test generation methods for control part of digital systems**  
**Brik, Marina** 2002 [http://www.ester.ee/record=b1688656\\*est](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](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](https://www.ester.ee/record=b1258828*est)

**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](https://artiklid.elnet.ee/record=b1965430*est)

**Keerukate skeemide modelleerimine elektronarvutitel**  
**Laksberg, Edgar; Ratassepp, Jaak** Side. Raadio. Televisioon : infoseeria 10 1975 / lk. 13-17  
[https://www.ester.ee/record=b1232303\\*est](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](https://www.ester.ee/record=b1166011*est)

### **Kullaga legeeritud rändihoodstruktuuride 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](https://www.ester.ee/record=b1322611*est)

### **Kõrgtehnoloogilised materjaliuuringud Tallinna Tehnikaülikoolis**

Mellikov, 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

### **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

### **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>

### **Load flow modelling in local energy community electric power systems**

Korõtko, Tarmo; Drovtar, 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>

### **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 = Инфотехнология 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](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>

### **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](https://link.springer.com/content/pdf/10.1007/978-3-540-76292-8_20.pdf)

### **Matemaatiline modelleerimine keskkonna erialadele**

Sikk, Jaak 2007 [https://www.ester.ee/record=b2199530\\*est](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://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](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](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, Germo** 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](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](https://link.springer.com/chapter/10.1007/978-1-4020-6264-3_21)

## **Microgrid oriented modeling of space heating system based on neural networks**

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

## **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](#)

## **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>

## **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](http://www.ester.ee/record=b1072198*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](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](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](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

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

**Model for energy management of residential building heating system**

Gevorkov, Levon; Šmidl, Vaclav; Sirovy, Martin; **Rassölkin, 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**

**Gevorkov, Levon**; Smidl, Vaclav; Sirovy, Martin; **Rassölkin, 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-based maintenance scheduling in flexible modular automation systems**

**Pal, Deepak; Vain, Jüri**; Srinivasan, Seshadhri; Ramaswamy, Srini 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>

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

**Vodovozov, Valery; Gevorkov, 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](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](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](http://www.ester.ee/record=b2079366*est)

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

**Velmre, 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 cyclopentadienes**

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

#### **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](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

#### **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](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, Germa; 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](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**

**Pustönski, Vladislav-Venjamin** 2007 [https://www.ester.ee/record=b2287715\\*est](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](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](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](https://www.ester.ee/record=b1072099*est)

#### **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 autonomous vehicles and systems and their advanced control methods = Autonomsete sõidukite ja süsteemide ning nende täiustatud juhtimismetoodikate modelleerimine ja simuleerimine**

**Pedai, Andrus** 2021 [https://www.ester.ee/record=b5391357\\*est](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 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 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://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; Trolla, Jaanus** Estonian journal of engineering 2011 / 3, p. 252-270 : ill

**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](https://www.researchgate.net/publication/284688605_Modelling_of_CO2_mass_transfer_and_hydrodynamics_in_a_semi-batch_reactor)

**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 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](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 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/em57tmgs3ivcv5a/Abstract\\_book\\_Opt.pdf?dl=0](https://www.dropbox.com/s/em57tmgs3ivcv5a/Abstract_book_Opt.pdf?dl=0)

**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 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 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 transmission systems in energy system analysis : a comparative study**

Gunkel, Philipp A.; **Koduvere, 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 for monitoring of technological process and production systems = Tehnoloogiliste protsesside ja tootmissüsteemide monitooringu mudelid**

**Otto, Tauno** 2006 [https://www.ester.ee/record=b2179106\\*est](https://www.ester.ee/record=b2179106*est)

### **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/>

### **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.ester.ee/record=b1072243*est) <https://www.digar.ee/arhiiv/et/periodika/69612>

### **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](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>

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

**Alari, Victor** 2013 [http://www.ester.ee/record=b2995944\\*est](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](https://www.researchgate.net/publication/242585900_Multiskilling_in_construction_-_a_strategy_for_stable_employment)

#### **Neural network control of vehicles : modeling and simulation**

**Astrov, Igor** 2022 <https://doi.org/10.52305/GXGD6357> [https://www.ester.ee/record=b5642329\\*est](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/i/?10856>

#### **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;** Danaïla, Ionuț; 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](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](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>

#### **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>

#### **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

**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](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](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](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>

**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 = Инфотехнология 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](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](#)

**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>

**Olav Aarna personaalnimestik : [bibliograafia]**

2012 [https://www.ester.ee/record=b2783379\\*est](https://www.ester.ee/record=b2783379*est)

**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](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**

Ägren, Jonas; **Märdla, Silja**; **Ellmann, Artu** 26th IUGG General Assembly 2015 : Prague, Czech Republic, Prague Congress Centre, June 22-July 02, 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](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)

### **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 / p. 623-628 : ill <https://doi.org/10.1109/PTC.2017.7980912>

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

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

### **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](#)

### **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](https://www.researchgate.net/publication/252195364_Performance_of_the_Earth_Gravitational_Model_EGM08_over_the_Baltic_countries)

### **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](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

### **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>

### **Postimehe analüüs: see ei lõppe veel niipea**

Maran, Kaur Postimees 2020 / Lk. 14-15 : ill [https://www.ester.ee/record=b1072778\\*est](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](https://www.ester.ee/record=b1953752*est)

### **Precision of simulation models of human lower limb motion**

**Rõbak, 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 fuel properties from infrared spectra = Kütuse omaduste hindamine infrapunaspektrilt**

**Baird, Zachariah Steven** 2017 <https://digi.lib.ttu.ee/i/?8530>

## **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](#)

## **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](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](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](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](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

## **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](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

## **Pöördülesanded mittehomoogeensete materjalide ja keskkondade omaduste määramiseks**

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

## **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 [https://www.ester.ee/record=b2146117\\*est](https://www.ester.ee/record=b2146117*est)

**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>

**Raadiokanalali Nakagami ja neljaparametriselise mudeli vahelised seosed**

Raja, Aimur Telekommunikatsioon 2002 : IX rahvusvahelise telekommunikatsioonipäeva materjalid 2002 / lk. 46-53 : ill

**Raadiotehnilised süsteemid : koonilise skaneerimisega nurgamõõtu modelleerimine : laboratoorse töö juhend**

1986 [https://www.ester.ee/record=b1226787\\*est](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](https://www.ester.ee/record=b1265845*est)

**Rakendusi reaali- ja humanitaarteaduste sümbioosist**

Meister, Einar; Penjam, Jaan; Tõugu, Enn Teadusmõtte Eestis : tehnikateadused 2002 / lk. 77-81 : ill

**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

**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 18th 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](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/i/?9130>

**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](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](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](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



### **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>

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

**Ghahfarokhi, Payam Shams; 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](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](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](https://www.ester.ee/record=b1072198*est)

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

**Ferraro, Simona; Pöder, Kaire** 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](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** 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](http://philsci-archive.pitt.edu/18135/1/Signals_in_nerves_from_the_philosophical_viewpoint.pdf)

### **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](#)

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

Hemeida, Ahmed; Lehtikainen, 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

### **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](https://www.ester.ee/record=b1994218*est)

### **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 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](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>

### **Sissejuhatus infosüsteemidesse**

**Mikli, Toomas** 1998 [https://www.ester.ee/record=b1053810\\*est](https://www.ester.ee/record=b1053810*est)

### **Sissejuhatus infosüsteemidesse**

**Mikli, Toomas** 1999 [http://www.ester.ee/record=b1053810\\*est](http://www.ester.ee/record=b1053810*est)

### **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

### **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

### **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](https://artiklid.elnet.ee/record=b1011298*est)

### **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](https://www.ester.ee/record=b2604916*est)

### **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

### **Statistilisest 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, Germa**; 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](#)

### **Study of point defects in wide- bandgap Cu<sub>2</sub>CdGeS<sub>4</sub> 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.egt.ee/sites/default/files/content-editors/aastaraamat/egt_aastaraamat_eng_web.pdf) [https://www.ester.ee/record=b5231713\\*est](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

### **Submesoscale processes in the surface layer of the central Baltic Sea: A high-resolution modelling study**

**Väli, Germa**; 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>

### **Survetorude hüdrodünaamika probleem**

**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](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](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](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](https://www.ester.ee/record=b1809261*est)

**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](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](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](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>

**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](http://www.ester.ee/record=b2146103*est)

**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](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 - 2nd December 2006] : proceedings of TAIEX Workshop in Tallinn 2006 / p. 126-130 : ill

**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](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

**Thermal management of a SynRM for traction application**

**Ghahfarokhi, Payam Shams** 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](https://www.ester.ee/record=b5183874*est)

### **Thermal model of a synchronous reluctance motor**

**Ghahfarokhi, Payam Shams; 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](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>

### **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](https://artiklid.elnet.ee/record=b1019780*est)

### **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** 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://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; Ghahfarokhi, Payam Shams** 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; Ghahfarokhi, Payam Shams; 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](#)

### **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](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](#) [Kuidas ennustada merel reostuse levikut?](#)

### **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** Töötaduslased 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](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 kahe-suunaline stratifitseeritud voolamine konstruktsioonipiirde uputatud avades**

**Kollo, Monika** 2018 <https://digi.lib.ttu.ee/i/?9257>

**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-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

**Uuring : Soome lahe idaosa seisundit saab parandada kahjulike heitmete vähendamisega**

director.ee 2022 [Uuring: Soome lahe idaosa seisundit saab parandada kahjulike heitmete vähendamisega](#)

**Uus mudel prognoosib Läänemere lainete käitumist**

Imeline Teadus 2022 / lk. 20 : ill [https://www.ester.ee/record=b2747925\\*est](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](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=76eA857eee2A33adcE00b0Ehttps://www.lyyti.fi/reg\\_att/efA658E7F74904eE7C/2665E4C9CB0B05edC44D.pdf](https://www.lyyti.fi/e/?p=s&k=76eA857eee2A33adcE00b0Ehttps://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

**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**

Zhurbas, Victor; **Väli, Germo**; 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 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](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://www.ester.ee/record=b2632234*est)

**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](https://artiklid.elnet.ee/record=b1004808*est)

**Veebirakenduste modelleerimine 4+1 arhitektuurivaate mudeliga**

**Robal, Tarmo** A & A 2002 / 2, lk. 20-30 : ill

**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](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>

**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](https://www.ester.ee/record=b1291241*est)

**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](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](https://www.ester.ee/record=b1225243*est)

### **Возможности моделирования условий движения с помощью теории информации**

**Segerkrantz, 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

### **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](https://www.ester.ee/record=b1319482*est)

### **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](https://www.ester.ee/record=b1306141*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://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://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](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](https://www.ester.ee/record=b1228466*est)

### **Моделирование автогенератора серии ИО.60 на ЦВМ**

**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://www.ester.ee/record=b2190520*est) <https://digikogu.taltech.ee/et/Item/49449c41-8f8a-4846-93fd-8f149889ec73>

### **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. 14 1976 / с. 139-144 : илл  
[https://www.ester.ee/record=b2190768\\*est](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](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

**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://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](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](https://www.ester.ee/record=b2750538*est)

**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://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](https://www.ester.ee/record=b1231513*est)

**Моделирование структурной вязкости битумов**  
**Mespaik, Vello** Автомобильные дороги. Автомобильный транспорт : сборник статей. 6 1973 / с. 33-38 : илл  
[https://www.ester.ee/record=b2122803\\*est](https://www.ester.ee/record=b2122803*est) <https://digikogu.taltech.ee/et/Item/bbfd445-149e-4c31-bc53-b4ab82c6d62b>

**Моделирование теплофизических процессов в транзисторных структурах**  
**Laansoo, Ants** Проблемы моделирования полупроводниковых структур и сложных схем на ЭВМ 1982 / с. 59-66

**Моделирование транспортных уравнений в полупроводниках**  
**Rang, Toomas** Исследования по прикладной квантовой электронике 1987 / с. 37-42

**Модель и алгоритмы разработки программы расчетов учета и планирования основных показателей предприятий бвтового 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](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](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](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](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://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](https://www.ester.ee/record=b4442403*est)

**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](https://www.ester.ee/record=b1322170*est)

**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 : илл [https://www.ester.ee/record=b2190710\\*est](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](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://www.ester.ee/record=b2190624*est) <https://digikogu.taltech.ee/et/Item/d6e57925-e104-44e1-a218-c5b3110d9996>

**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](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

**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](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](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.ntnu.ru/frontend/web/ngtu/files/nauka/izdaniya/trudy/2014/03/030-036.pdf>

**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](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](https://www.ester.ee/record=b1227076*est)

**Применение метода физического моделирования для решения вопросов строительной и архитектурной акустики**



**Jaaniso, Malle** 1967 [http://www.ester.ee/record=b2200138\\*est](http://www.ester.ee/record=b2200138*est)

**Применение метода физического моделирования для решения вопросов строительной и архитектурной акустики : автореферат ... кандидата технических наук (488)**

**Jaaniso, Malle** 1967 [http://www.ester.ee/record=b1348911\\*est](http://www.ester.ee/record=b1348911*est)

**Расчет и моделирование предварительно напряженных цилиндрических железобетонных оболочек : автореферат ... кандидата технических наук**

**Sumbak, Allan** 1960 [http://www.ester.ee/record=b1400978\\*est](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](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](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](https://www.ester.ee/record=b4636199*est)

**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: ill

**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](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://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](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](https://www.ester.ee/record=b1296007*est)

**Электротехника и автоматика**

**Kukk, Vello;** Tamm, Ullas; **Pikkov, Otto;** Min, Mart; **Velmre, Enn;** Udai, 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](https://www.ester.ee/record=b1224910*est)