

Adaptability, interpretability and rule weights in fuzzy rule-based systems

Riid, Andri; Rüstern, Ennu Information sciences 2014 / p. 301-312 : ill <https://doi.org/10.1016/j.ins.2012.12.048> Journal metrics at [Scopus](#) Article at [Scopus](#) Article at [WOS](#)

Archetypes based meta-modeling towards evolutionary, dependable and interoperable healthcare information systems

Piho, Gunnar; Tepandi, Jaak; Thompson, Douglas; Tammer, Triinu; Parman, Marko; Puusep, Viljam Procedia computer science 2014 / p. 457-464 : ill <https://doi.org/10.1016/j.procs.2014.08.069> Conference proceeding at [Scopus](#) Article at [Scopus](#) Article at [WOS](#)

Aspect-oriented model-based testing = Aspekt-orienteeritud mudeli-põhine testimine

Sarna, Külli 2018 <https://digi.lib.ttu.ee/i/?11065> https://www.ester.ee/record=b5166882*est

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

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

A bio-impedance signal simulator (BISS) for research and training purposes

Muhammad, Yar; Le Moullec, Yannick; Annus, Paul; Krivošei, Andrei 2015 26th Irish Signals and Systems Conference (ISSC) : Institute of Technology Carlow, Ireland, June 24-25, 2015 2015 / [4] p. : ill <https://doi.org/10.1109/ISSC.2015.7163746>

Chemical plant model generator

Aarna, Olav; Kallas, Juha; Uibo, Erik 1st IFAC/IFIP Symposium on Software For Computer Control, Tallinn, USSR, 25-28 May 1976 / p. 93-97 : ill [https://doi.org/10.1016/S1474-6670\(17\)67405-6](https://doi.org/10.1016/S1474-6670(17)67405-6)

CMM on suremas, elagu CMM!

Leis, Paul A & A 2003 / 2, lk. 15-22 https://artiklid.elnet.ee/record=b1012428*est

Comparing the modelling power of Petri nets and Q-models

Tekko, Jaanus Artificial Intelligence in Real-Time Control 1995 : [proceedings] 1996 / 5 p

Computation of open-loop frequency-domain characteristics of fractional FORDT plants with FOPID controllers

Tepljakov, Aleksei; Petlenkov, Eduard; Belikov, Juri Doctoral School in Information and Communication Technology : proceedings of doctoral session of BEC 2014 : October 6-8 2014, Laulasmaa 2014 / p. 23-26

Computer modelling of hydraulic systems using the NUT language and programming environment

Grossschmidt, Gunnar; Pahapill, Jaak; Züger, Armin The Fourth Scandinavian International Conference on Fluid Power : proceedings of the conference, Tampere, Finland, September 26-29, 1995. Vol. 1 1995 / p. 336-345: ill

Construction of flat outputs of nonlinear discrete-time systems in a geometric and an algebraic framework

Kolar, Bernd; Kaldmäe, Arvo; Schöberl, Markus; Kotta, Ülle; Schlacher, Kurt IFAC-PapersOnLine 2016 / p. 796-801 <https://doi.org/10.1016/j.ifacol.2016.10.263> Conference Proceedings at [Scopus](#) Article at [Scopus](#) Article at [WOS](#)

Design and implementation of fractional-order PID controllers for a fluid tank system

Tepljakov, Aleksei; Petlenkov, Eduard; Belikov, Juri; Halas, Miroslav 2013 American Control Conference (ACC) : Washington, DC, USA, June 17-19, 2013 2013 / p. 1777-1782 : ill <https://doi.org/10.1109/acc.2013.6580093> Conference Proceedings at [Scopus](#) Article at [Scopus](#)

Digitaalsüsteemide diagnostika

Ubar, Raimund-Johannes 2005 http://www.ester.ee/record=b2097071*est

Digital implementation of retuning fractional controllers for an existing closed-loop magnetic levitation control system

Tepljakov, Aleksei; Petlenkov, Eduard; Belikov, Juri 2016 39th International Conference on Telecommunications and Signal Processing : TSP : June 27-29, 2016, Vienna, Austria 2016 / p. 630-633 : ill <https://doi.org/10.1109/TSP.2016.7760958>

Discrete gravitational swarm optimization algorithm for system identification = Diskreetne gravitatsioonilist vastasmõju arvestav osakeste parvega optimeerimise meetod süsteemide identifitseerimiseks

Spitšakova, Margarita 2017 <https://digi.lib.ttu.ee/i/?8449> https://www.ester.ee/record=b4689427*est

Dynamic modeling and stability analysis of power networks using DQ0 transformations with a unified reference frame

Belikov, Juri; Levron, Yoash Proceedings of the Estonian Academy of Sciences 2018 / p. 368-377 : ill http://www.kirj.ee/public/proceedings_pdf/2018/issue_4/proc-2018-4-368-377.pdf <https://doi.org/10.3176/proc.2018.67.4.05> Journal metrics at

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

Easy to use empirical model for green vegetation reflection spectrum in VIS-NIR range

Udal, Andres; Jürise, Martin; Kaugerand, Jaanus; Sell, Raivo SPIE digital library 2020 / art. 115240H-1–14

<https://doi.org/10.1117/12.2570820> [Conference proceeding Article at Scopus](#) [Article at WOS](#)

Efficient analog implementations of fractional-order controllers

Tepljakov, Aleksei; Petlenkov, Eduard; Belikov, Juri Proceedings of the 2013 14th International Carpathian Control Conference (ICCC) : Rytro, Hotel Perła Południa, Poland, May 26-29, 2013 2013 / p. 377-382 : ill

EIS-i arendamisele kulub ministeeriumil 300 000 eurot aastas = Glitch-hit state school exams IT system costs ministry €300,000 a year

Klementi, Joakim err.ee 2024 [EIS-i arendamisele kulub ministeeriumil 300 000 eurot aastas](#) [Glitch-hit state school exams IT system costs ministry €300,000 a year](#)

Embedded system implementation of digital fractional filter approximations for control applications

Tepljakov, Aleksei; Petlenkov, Eduard; Belikov, Juri Proceedings of the 21st International Conference Mixed Design of Integrated Circuits and Systems : MIXDES 2014 : Lublin, Poland, June 19-21, 2014 2014 / p. 441-445 : ill

Evaluation of SysML software for teaching systems engineering basics

Kruus, Helena; Jervan, Gert Proceedings of the 25th International Conference on European Association for Education in Electrical and Information Engineering : 30 May-June 2014, Cesme, Türkiye 2014 / p. 29-32 : 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>

A formal model for automated technological system

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

Formal verification and error correction on high-level decision diagrams = Formaalne verifitseerimine ja vigade parandamine kõrgtasemelistel otsustusdiagrammidel

Karputkin, Anton 2012

Fractional-order controller design and digital implementation using FOMCON toolbox for MATLAB

Tepljakov, Aleksei; Petlenkov, Eduard; Belikov, Juri; Finajev, Jevgeni 2013 IEEE Conference on Computer Aided Control System Design (CACSD) : Part of 2013 IEEE Multi-Conference on Systems and Control : Hyderabad, India, August 28-30, 2013 2013 / p. 340-345 : ill

Fractional-order digital filter approximation method for embedded control applications

Tepljakov, Aleksei; Petlenkov, Eduard; Belikov, Juri International journal of microelectronics and computer science 2014 / p. 54-60 : ill

Fractional-order modeling and control of dynamic systems : doctoral thesis accepted by Tallinn University of Technology, Tallinn, Estonia

Tepljakov, Aleksei 2017 http://www.ester.ee/record=b4744055*est <http://dx.doi.org/10.1007/978-3-319-52950-9>

Fractional-order modeling and control of dynamic systems = Murrulistel tuletistel põhinev dünaamiliste süsteemide identifitseerimine ja juhtimine

Tepljakov, Aleksei 2015 https://www.ester.ee/record=b4494460*est

Fractional-order modeling and control of ionic polymer-metal composite actuator

Tepljakov, Aleksei; Vunder, Veiko; Petlenkov, Eduard; Nakshatharan, S Sunjai; Punning, Andres; Kaparin, Vadim; Belikov, Juri; Aabloo, Alvo Smart materials and structures 2019 / 12 p. : ill <https://doi.org/10.1088/1361-665X/ab2c75> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

From agent-oriented models to profile driven military training scenarios

Shvartsman, Inna; Taveter, Kuldar Intelligent Distributed Computing VII : proceedings of the 7th International Symposium on Intelligent Distributed Computing - IDC 2013, Prague, Czech Republic, September 2013 2014 / p. 317-322 https://doi.org/10.1007/978-3-319-01571-2_37 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Fuzzy modelling and control of fed-batch fermentation

Riid, Andri; Rüstern, Ennu Computational intelligence and applications 1999 / p. 283-291

Gain and order scheduled fractional-order PID control of fluid level in a multi-tank system

Tepljakov, Aleksei; Petlenkov, Eduard; Belikov, Juri 2014 International Conference on Fractional Differentiation and its

Guest editorial : implementation issues in system-on-chip

Ellervee, Peeter; Nurmi, Jari Journal of signal processing systems 2017 / p. 269-270 <https://doi.org/10.1007/s11265-017-1242-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Heuristics for designing and evaluating socio-technical agent-oriented behaviour models with Coloured Petri Nets

Mahunnah, Msury; Norta, Alexander; Ma, Lixin; Taveter, Kuldar IEEE 38th Annual International Computers, Software and Applications Conference Workshops : 27-29 July 2014, Västerås, Sweden : proceedings 2014 / p. 438-443 : ill

Incorporation of fractional-order dynamics into an existing PI/PID DC motor control loop

Tepljakov, Aleksei; Gonzales, Emmanuel A.; **Petlenkov, Eduard**; **Belikov, Juri**; Monje, Concepcion A.; Petraš, Ivo ISA transactions 2016 / p. 262-273 : ill <https://doi.org/10.1016/j.isatra.2015.11.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Informational modelling of a communication office

Elmik, Lea 1992 http://www.ester.ee/record=b1063350*est

Informational modelling of a communication office : a thesis ... for the degree of doctor of philosophy

Elmik, Lea 1992 http://www.ester.ee/record=b2662725*est

Integrated systems and design

2008 http://www.ester.ee/record=b2431612*est

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

Savimaa, Raul Journal of systemics, cybernetics and informatics 2006 / 4, p. 45-57
<https://www.iijsci.org/journal/PDV/sci/pdfs/P843346.pdf>

Integration of iUML-B and UPPAAL timed automata for development of real-time systems with concurrent processes

Shokri-Manninen, Fatima; Tsiopoulos, Leonidas; Vain, Jüri; Walden, Marina Rigorous State-Based Methods 7th International Conference, ABZ 2020, Ulm, Germany, May 27–29, 2020 : proceedings 2020 / p. 186-202 https://doi.org/10.1007/978-3-030-48077-6_13 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Interpretability versus adaptability in fuzzy systems

Riid, Andri; Rüstern, Ennu Proceedings of the Estonian Academy of Sciences. Engineering 2000 / 2, p. 76-95 : ill
https://artiklid.elnet.ee/record=b1004039*est

Interstudy, May 9, 2008

2008 http://www.ester.ee/record=b2415385*est

Journal of signal processing systems for signal, image, and video technology. Implementation issues in system-on-chip

2017 <https://link.springer.com/journal/11265/87/3/page/1>

Kergröobassõidukite ajamid ja juhtimine

Laugis, Juhan; Lehtla, Tõnu; Joller, Jüri; Rosin, Argo; Vinnikov, Dmitri; Lehtla, Madis 2008
http://www.ester.ee/record=b2394445*est

Layout planning and analysis of a Flexible Manufacturing System based on 3D Simulation and Virtual Reality

Mahmood, Kashif; Otto, Tauno; Chakraborty, A. Procedia CIRP 2023 / p. 201-206 <https://doi.org/10.1016/j.procir.2023.08.036> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Mapping the information flows for the architecture of a nationwide situation awareness system : (Poster)

Bahsi, Hayretidin; Dieves, Veiko; **Kangilaski, Taivo**; Laud, Peeter; **Mõtus, Leo**; Murumets, Jaan; Ploom, Illimar; **Priisalu, Jaan**; Seeba, Mari; **Täks, Ermo**; Tammel, Kaide; **Tammpuu, Piia**; **Taveter, Kuldar**; Trumm, Avo; Truusa, Tiia-Triin; Vihalemm, Triin Proceedings 2019 IEEE International Conference on Cognitive and Computational Aspects of Situation Management (CogSIMA) : Las Vegas, NV, USA, 8-11 April 2019 2019 / p. 152–157 <https://doi.org/10.1109/COGSIMA.2019.8724167>

Mehaaniliste süsteemide sisendtakistusest

Lavrentjev, J.; Kenk, Kalju XXXII üliõpilaste teaduslik-tehnilise konverentsi ettekannete teesid : pühendatud V. I. Lenini 110. sünniaastapäevale : 16.-18. aprill 1980 1981 / lk. 80 https://www.ester.ee/record=b1322611*est

Mis on kella sees? : [süsteemiteooriast]

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

Model based framework for testing distributed systems

Pal, Deepak; Vain, Jüri Proceedings of the 8th Annual Conference of the Estonian National Doctoral School in Information and Communication Technologies : December 5-6, 2014, Rakvere 2014 / p. 91-94 : ill

Model based mechatronic systems modeling methodology in conceptual design stage

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

Model matching problem for discrete-time nonlinear systems

Belikov, Juri; Halas, Miroslav; Kotta, Ülle; Moog, Claude Proceedings of the Estonian Academy of Sciences 2015 / p. 457-472 : ill
https://artiklid.elnet.ee/record=b2750720*est <https://doi.org/10.3176/proc.2015.4.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Model reference control of nonlinear systems by dynamic output feedback linearization of neural network based ANARX models

Petlenkov, Eduard Proceedings of the 10th International Conference on Control Automation Robotics & Vision (ICARCV 2008) : Hanoi, Vietnam, December 17-20, 2008 2008 / p. 1119-1123 <https://ieeexplore.ieee.org/document/4795677>

Model-based simulation of a hydraulic open-loop rotary transmission with automatic regulation of hydraulic motor (Part 1: Modelling)

Harf, Mait; Grossschmidt, Gunnar ESM '2018 : The 2018 European Simulation and Modelling Conference, Modelling and Simulation : October 24-26, 2018, NH Gent Belfort, Ghent, Belgium : [Proceedings] 2018 / p. 63-68
<https://www.eurosis.org/cms/files/proceedings/ESM/ESM2018contents.pdf>

Model-based simulation of a hydraulic open-loop rotary transmission with automatic regulation of hydraulic motor (Part 2: Simulation)

Harf, Mait; Grossschmidt, Gunnar ESM '2018 : The 2018 European Simulation and Modelling Conference, Modelling and Simulation : October 24-26, 2018, NH Gent Belfort, Ghent, Belgium : [Proceedings] 2018 / p. 69-73
<https://www.eurosis.org/cms/files/ESM2018FINPROG.pdf>

Model-based simulation of hydraulic hoses in an intelligent environment

Grossschmidt, Gunnar; Harf, Mait International journal of fluid power 2018 / p. 27-41 : ill
<https://doi.org/10.1080/14399776.2017.1374140> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modeling and analysis of the synchronous generators excitation systems

Slenduhhov, Vadim; **Kilter, Jako** 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013 2013 / p. 252-257 : ill

Modeling of complex signals in nerve fibers

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel Medical hypotheses 2018 / p. 90-95 : ill <https://doi.org/10.1016/j.mehy.2018.08.021>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Modelling of multirate multivariable control systems : a state-space approach : thesis submitted to Tallinn Technical University in candidature for the degree of Doctor of Philosophy in Engineering

Astrov, Igor 2000 http://www.ester.ee/record=b1707861*est

Multi-pole modeling and simulation of an electro-hydraulic servo-system in an intelligent programming environment

Harf, Mait; Grossschmidt, Gunnar International journal of fluid power 2016 / p. 1-13 : ill <https://doi.org/10.1080/14399776.2015.1110093>
[Journal metrics at Scopus](#) [Article at Scopus](#)

Multi-pole modelling and intelligent simulation of a fluid power feeding system with a pneumo-hydraulic accumulator

Harf, Mait; Grossschmidt, Gunnar 16th International Conference on Modeling and Applied Simulation (MAS 2017) : held at the International Multidisciplinary Modeling and Simulation Multiconference (I3M 2017), Barcelona, Spain, 18 – 20 September 2017 2017 / p. 128-135 <http://www.scopus.com/inward/record.uri?eid=2-s2.0-85035125034&partnerID=40&md5=1383db926eab8e4c7540e2c6d237033c>

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

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

NN-ANARX structure for control of nonlinear SISO and MIMO systems : neural networks based approach

Petlenkov, Eduard; Belikov, Juri Proceedings of the 26th Chinese Control Conference : July 26-31, 2007, Zhangjiajie, Hunan, China. 4 2007 / p. 138-145 <https://ieeexplore.ieee.org/document/4347185/keywords#keywords>

NN-SANARX model based control of a water tank system using embedded microcontroller Arduino

Škiparev, Vjatcheslav; Belikov, Juri; Petlenkov, Eduard Proceedings of the 2019 10th IEEE International Conference on Intelligent

On applying normalized systems theory to the business architectures of information systems

Eessaar, Erki Baltic journal of modern computing 2014 / p. 132-149 : ill

Petri võrkude ja Q-mudeli võrdlus : magistritöö

Tekko, Jaanus 1994 https://www.ester.ee/record=b4610164*est

A polynomial approach to a nonlinear model matching problem

Belikov, Juri; Halas, Miroslav; Kotta, Ülle; Moog, Claude Proceedings of the Estonian Academy of Sciences 2016 / p. 330-344 : ill
<https://doi.org/10.3176/proc.2016.4.02> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Polynomial methods for nonlinear control systems = Polünoommeetodid mittelineaarsetes juhtimissüsteemides

Belikov, Juri 2012 http://www.ester.ee/record=b2854462*est

Predicting frequency disturbances from wide area monitoring of ambient power system dynamics

Tuttelberg, Kaur; Kilter, Jako 2018 IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT-Europe), Sarajevo, Bosnia and Herzegovina, October 21-25, 2018 : proceedings 2018 / 6 p <https://doi.org/10.1109/ISGTEurope.2018.8571711>

A quality model of metamodeling systems

Sgirka, Rünno; Eessaar, Erki Emerging trends in computing, informatics, systems sciences, and engineering 2013 / p. 543-555
https://doi.org/10.1007/978-1-4614-3558-7_46 Conference Proceedings at Scopus Article at Scopus

Redundancy detection and removal in Mamdani Fuzzy Systems

Riid, Andri; Saastamoinen, Kalle; Rüstern, Ennu Proceedings of the Eighth International Conference on Applications of Fuzzy Systems and Soft Computing : Helsinki, Finland, 1-3 September 2008 2008 / p. 131-140

A security verification template to assess cache architecture vulnerabilities

Ghasempouri, Tara; Raik, Jaan; Paul, Kolin; Reinbrecht, Cezar; Hamdioui, Said; Taouil, M. 2020 23rd International Symposium on Design and Diagnostics of Electronic Circuits and Systems (DDECS), April 22nd – 24th 2020 Novi Sad, Serbia : Proceedings 2020 / art. 9095707, 6 p <https://doi.org/10.1109/DDECS50862.2020.9095707>

Selected issues of modeling, verification and testing of digital systems

Jutman, Artur 2004 https://www.ester.ee/record=b1989760*est

Simulation of logic-informational processes by means of problems-oriented computer languages

Tamm, Boris, inform. 5e congrès international de cybernétique : Namur, 11-15 Septembre 1967 : extrait = 5th International Congress on Cybernetics : Namur, September 11-15th 1967 : extract 1968 / p. 51-61 : ill

Single-experiment observability decomposition of discrete-time analytic systems

Kawano, Yu; Kotta, Ülle Systems & control letters 2016 / p. 193-199 <https://doi.org/10.1016/j.sysconle.2016.09.016> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Sissejuhatus infosüsteemidesse

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

Sissejuhatus infosüsteemidesse

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

A sparse minimal-order dynamic model of power networks based on DQ0 signals

Belikov, Juri; Levron, Yoash IEEE transactions on power systems 2018 / p. 1059-1067 : ill
<https://doi.org/10.1109/TPWRS.2017.2702746> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Special issue on recent advances in the design and applications of fractional-order circuits and systems : [brief introduction]

Psychalinos, Costas; Elwakil, Ahmed S.; Allagui, Anis; Tepļakov, Aleksei International journal of electronics and communications 2017 / p. 132-135 <https://doi.org/10.1016/j.aeeue.2017.07.016> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Specifying and verifying model transformations for certified systems using transformation models

Toom, Andres; Dieumegard, Arnaud; Pantel, Marc Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kuuenda aastakonverentsi artiklite kogumik : 3.-5. oktoobril 2012, Laulasmaa 2012 / p. 97-100 : ill

The structure of concurrent process histories

Nester, Chad Mitchell Coordination Models and Languages : 23rd IFIP WG 6.1 International Conference, COORDINATION 2021, Held as Part of the 16th International Federated Conference on Distributed Computing Techniques, DisCoTec 2021, Valletta, Malta, June 14-18, 2021 : proceedings 2021 / p. 209-224 https://doi.org/10.1007/978-3-030-78142-2_13 [Conference proceedings at Scopus](#)
[Article at Scopus](#)

Supervisory fed-batch fermentation control on the basis of linguistically interpretable fuzzy models
Riid, Andri; Rüstern, Ennu Proceedings of the Estonian Academy of Sciences. Engineering 2000 / 2, p. 96-112 : ill
https://artiklid.elnet.ee/record=b1004040*est

SysML in systems engineering course
Kruus, Helena; Robal, Tarmo; Jervan, Gert 10th European Workshop on Microelectronics Education : EWME 2014 : May 14-16, 2014, Tallinn, Estonia 2014 / p. 177-181 : ill

System modeling combined with dimensional analysis for conceptual design
Christophe, Francois; **Sell, Raivo**; Coatanea, Eric; **Tamre, Mart** 8th International Workshop on Research and Education in Mechatronics 2007 : 14-15 June 2007, Tallinn, Estonia 2007 / p. 229-234 : ill

System modeling for processor-centric test automation = Süsteemide modelleerimine protsessorikesksete testprogrammide sünteesi automatiseerimiseks
Tšertov, Anton 2012 https://www.ester.ee/record=b2751131*est

A systematic approach on modeling refinement and regression testing of real-time distributed systems
Pal, Deepak; Vain, Jüri IFAC-PapersOnLine 2019 / p. 1091-1096 <https://doi.org/10.1016/j.ifacol.2019.11.341> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Teaching digital system test
Oyeniran, Adeboye Stephen; Ubar, Raimund-Johannes; Kruus, Margus The 27th EAAEIE Annual Conference : June 7-9, 2017, Grenoble 2017 / [6] p

Teaching modeling in SysML/UML and problems encountered
Kruus, Helena; Robal, Tarmo; Jervan, Gert Proceedings of the 25th International Conference on European Association for Education in Electrical and Information Engineering : 30 May-June 2014, Cesme, Türkiye 2014 / p. 33-36 : ill

Test cover calculation in digital systems with word-level decision diagrams
Ubar, Raimund-Johannes; Raik, Jaan; Ivask, Eero; Brik, Marina Вестник Томского государственного университета 2002 / с. 315-319 : ил

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

Towards distributed sociotechnical system for reporting critical laboratory results
Mahunnah, Msury; Koorts, Annike; **Taveter, Kuldar** HEALTHINF 2013 - Proceedings of the International Conference on Health Informatics, Barcelona, Spain, 11-14 February, 2013 2013 / p. 269-276

Traction and control of light rail vehicles
Laugis, Juhan; Lehtla, Tõnu; Joller, Jüri; Rosin, Argo; Vinnikov, Dmitri; Lehtla, Madis 2008
http://www.ester.ee/record=b2394449*est

Transparency analysis of first-order Takagi-Sugeno systems
Riid, Andri; Isotamm, Raul; Rüstern, Ennu 10th International Conference on System-Modeling-Control : Zakopane, Poland, May 21-25, 2001 : proceedings. Vol. 2 2001 / p. 165-170 : ill
https://www.researchgate.net/publication/2491497_Transparency_Analysis_Of_First-Order_Takagi-Sugeno_Systems

Transparent fuzzy systems : modeling and control
Riid, Andri 2002 https://www.ester.ee/record=b1646015*est

An unsupervised framework for detecting anomalous messages from syslog log files
Vaarandi, Risto; Blumbergs, Bernhards; Kont, Markus Network operations and management symposium : cognitive mangement in a cyber world, 23-27 april 2018, Taipei, Taiwan 2018 / 6 p <http://doi.org/10.1109/NOMS.2018.8406283>

Verification and error correction on High-Level Decision Diagrams
Karputkin, Anton 2013

A versioning subsystem of metamodeling system
Sgirka, Rünno Innovations and advances in computer, information, systems sciences, and engineering 2013 / p. 305-317

Why information systems modelling is difficult

Jaakkola, Hannu; Henno, Jaak; Welzer-Družovec, Tatjana; Thalheim, Bernhard; Mäkelä, Jukka Proceedings of the Fifth Workshop on Software Quality Analysis, Monitoring, Improvement, and Applications : SQAMIA 2016 : Budapest, Hungary, August 29-31, 2016 2016 / p. 29-39 : ill <http://ceur-ws.org/Vol-1677/> Conference Proceedings at Scopus Article at Scopus

Анализ и моделирование производственных систем

Tamm, Boris, inform.; Puusepp, Märt; Tavast, Raul 1987 https://www.ester.ee/record=b1496588*est

Анализ и моделирование технических устройств и систем АСУТП

1977 https://www.ester.ee/record=b2190987*est <https://digikogu.taltech.ee/et/Item/b7c66054-0b4f-4684-9453-442bc7e6e200>

Анализ и моделирование технических устройств и систем АСУТП

1978 https://www.ester.ee/record=b2191003*est <https://digikogu.taltech.ee/et/Item/00fbff38-ccfb-411c-ad55-0c6b943b766b>

Балансовые модели в АСУ непрерывными технологическими процессами : учебное пособие

Aarna, Olav 1985 https://www.ester.ee/record=b1296195*est

Вероятностное моделирование одного класса многостадийных технологических процессов : автореферат ... кандидата технических наук (05.13.01)

Kiitam, Andres 1981 https://www.ester.ee/record=b1322800*est

Вероятностное моделирование одного класса многостадийных технологических процессов : диссертация на соискание ученой степени кандидата технических наук

Kiitam, Andres 1981 https://www.ester.ee/record=b4632985*est

Гибкие производственные системы

Kimmel, Andres; Riives, Jüri 1991 https://www.ester.ee/record=b1061779*est

Информационные модели в масштабе реального времени : на соискание ... доктора технических наук

Elmik, Lea 1992 http://www.ester.ee/record=b2488688*est

Математическое моделирование многофазных химико-технологических систем

Kallas, Juha Процессы и аппараты химической технологии и технология неорганических веществ. 8 1977 / с. 15-19 : илл https://www.ester.ee/record=b1531858*est <https://digikogu.taltech.ee/et/Item/97286e9a-e68e-4dd6-9aae-92786dbf43a7>

Математическое моделирование химико-технологических систем

Kallas, Juha Труды по электротехнике и автоматике : сборник статей. 13 1975 / с. 173-176 https://www.ester.ee/record=b2190710*est <https://digikogu.taltech.ee/et/Item/ffbd63ed-06d6-4bbb-9468-118f743cc87f>

Моделирование гибких производственных систем

Kitsnik, Peeter; Riives, Jüri 1990

Стохастическая модель задачи проектирования оптимальных систем

Jõgi, Emma [Проблемы оптимизации : тезисы докладов всесоюзной конференции "Проблемы оптимизации и надежности в строительной механике"] 1979 / с. 17-18

Электротехника и автоматика

Rüstern, Ennu; Aarna, Olav; Teder, Toomas; Annus, Arno; Bachverk, Aleksander; Kiitam, Andres; Saks, Eva; Raiend, Kullo; Rebane, Jüri; Rebane, Kaie; Kortela, U.; Lautala, P. 1984 https://www.ester.ee/record=b1351791*est

Электротехника и автоматика

Laansoo, Ants; Aarna, Olav; Metsanurm, Margus; Teder, Toomas; Kiitam, Andres; Saks, Eva; Land, Raul; Min, Mart; Rimmel, Ülo; Ronk, Ants; Rang, Toomas 1987 https://www.ester.ee/record=b1221893*est

Элементы теории моделирования инженерных процессов при помощи специализированных систем программирования : автореферат ... доктора технических наук (225)

Tamm, Boris, inform. 1969 http://www.ester.ee/record=b1361359*est

Элементы теории моделирования инженерных процессов при помощи специализированных систем программирования : диссертация ... доктора технических наук (225)

Tamm, Boris, inform. 1969