

A new inductive learning algorithm based on monotone system theory

Roosmann, Peeter; Võhandu, Leo; Kuusik, Rein, inform.; Treier, Tarvo; Lind, Grete Recent advances in applied computer science : proceedings of the 8th WSEAS International Conference on Applied Computer Science (ACS'08) : Venice, Italy, November 21-23, 2008 2008 / p. 310-316

A practical algorithm for the maximum clique finding

Kumlander, Deniss Proceedings of the IADIS International Conference Applied Computing 2006 : San Sebastian, Spain, 2006, February 25-28 2006 / p. 266-272 <https://www.iadisportal.org/digital-library/a-practical-algorithm-for-the-maximum-clique-finding>

A quasi-static approach to optimize the motion of an UGV depending on the track profile

Corral, Eduardo; Arjassov, Gennadi; Meneses, Jesus The 9th International Conference Mechatronics Systems and Materials : MSM-2013 : abstracts 2013 / p. 41-42 : ill

A robust detector for impulsive noise environment

Trump, Tõnu Proceedings of the Forty-first Asilomar Conference on Signals, Systems and Computers : Asilomar, USA, November 4-7, 2007 2007 / ? p <https://ieeexplore.ieee.org/document/4487311/keywords#keywords>

A simple and efficient algorithm for the maximum clique finding reusing a heuristic vertex colouring

Kumlander, Deniss IADIS international journal on computer science and information system 2006 / 2, p. 32-49 <https://www.iadisportal.org/ijcsis/papers/2006110203.pdf>

A study of adaptive algorithms for echo canceller

Lemendik, Laur Telekommunikatsioon '98 : rahvusvahelise telekommunikatsioonipäeva konverentsi ettekannete materjalid, 15. mai 1998 1998 / lk. 20-25: ill

About possibility of improvement of energetic characteristics of two-stage DC/DC converter with separated commutation

Ivakhno, Volodymyr; Zamaruev, Vladimir; Lastovka, A.; Blinov, Andrei; Vinnikov, Dmitri Технічна електродинаміка 2011 / p. 88-92 : ill

Abstraktse automaadi sünteesi programmid algoritmi graafskeemi alusel

Pops, M.; Salum, Kaja; Plaks, Toomas XXXII üliõpilaste teaduslik-tehnilise konverentsi ettekannete teesid : pühendatud V. I. Lenini 110. sünniaastapäevale : 16.-18. aprill 1980 1981 / lk. 91 https://www.ester.ee/record=b1322611*est

Acceleration of recursive data sorting over tree-based structures

Mihhailov, Dmitri; Sudnitsõn, Aleksander; Sklyarov, Valery; Skliarova, Iuliia Elektronika ir elektrotehnika = Electronics and electrical engineering 2011 / p. 51-56 : ill <https://eejournal.ktu.lt/index.php/elt/article/view/612>

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

Rincon-Yanez, Diego; Ounoughi, Chahinez; Sellami, Bassem; Kalvet, Tarmo; Tiits, Marek; Senatore, Sabrina; Ben Yahia, Sadok Journal of King Saud University - computer and information sciences 2023 / art. 101789, 11 p <https://doi.org/10.1016/j.jksuci.2023.101789> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Acoustic noise pattern detection and identification method in Doppler system

Berdnikova, Julia; Ruuben, Toomas; Kozevnikov, V.; Astapov, Sergei Elektronika ir elektrotehnika = Electronics and electrical engineering 2012 / p. 65-68 : ill <https://eejournal.ktu.lt/index.php/elt/article/view/2632>

Acoustic noise pattern detection and identification method in doppler system

Berdnikova, Julia; Ruuben, Toomas; Kozevnikov, Valeri; Astapov, Sergei Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kuuenda aastakonverentsi artiklite kogumik : 3.-5. oktoobril 2012, Laulasmaa 2012 / p. 13-16 : ill

Acyclicity conditions on pasting diagrams

Hadzihasanovic, Amar; Kessler, Diana-Maria Applied categorical structures 2024 / art. 31 <https://doi.org/10.1007/s10485-024-09784-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Adaptive algorithm to estimate varying parameters of the regression model

Priisalu, Helen Tenth Estonian Winter School in Computer Science (EWSCS'05) : Lahemaa, Estonia, February 27-March 4, 2005 2005 / [1 p.]. (Student talks and posters 2005 (abstracts))

Adaptive algorithms for heart rate reconstruction

Hinrikus, Hiie; Meigas, Kalju; Kaik, Jüri; **Lass, Jaanus** Proceedings of the First Joint BMES/EMBS Conference : Serving Humanity Advancing Technology, Oct. 13-16, 99, Atlanta, GA, USA 1999 / p. 320

An adaptive class topper optimization for scheduling thermal generation with cubic fuel cost function

Gupta, Pradeep Kumar; Gupta, Anju Kumari; **Tuttelberg, Kaur; Kilter, Jako** 2025 15th International Conference on Power, Energy, and Electrical Engineering (CPEEE) 2025 / p. 195-199 <https://doi.org/10.1109/CPEEE64598.2025.10987339>

ADAssure : debugging methodology for autonomous driving control algorithms

Roberts, Andrew James; Heidari Iman, Mohammad Reza; Bellone, Mauro; Ghasempouri, Tara; Raik, Jaan; Maennel, Olaf Manuel; Hamad, Mohammad; Steinhorst, Sebastian 2024 Design, Automation & Test in Europe Conference & Exhibition (DATE) : proceedings 2024 / p. 1-6 <https://doi.org/10.23919/DATE58400.2024.10546519> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Adjustable self-healing methodology for accelerated functions in heterogeneous systems

Riazati, Mohammad; Ghasempouri, Tara; Daneshtalab, Masoud; Raik, Jaan; Sjodin, Mikael; Lisper, Bjorn 2020 23rd Euromicro Conference on Digital System Design (DSD), 26-28 August 2020, Kranj, Slovenia 2020 / p. 638-645 <https://doi.org/10.1109/DSD51259.2020.00104>

Aerolaserskanneerimise andmetest maapinna tuvastamine erinevate filtreerimisalgoritmidega

Julge, Kalev; Gruno, Anti; Ellmann, Artu Geodeet 2013 / lk. 32-36 : ill

AI ja võrdne kohtlemine. Isegi võrdse kohtlemise kaasused vajavad teadmisi tehnoloogiaõigusest

Joamets, Kristi taltech.ee 2024 <https://taltech.ee/uudised/ai-ja-vordne-kohtlemine-isegi-vordse-kohtlemise-kaasused-vajavad-teadmisi>

ALGAMS arvutile "Minsk-32" : õppeabimaterjal

Jürgenson, Rein, inform.; Lume, Tõnu; Prisk, Leo 1974 https://www.ester.ee/record=b1299966*est

Algorithm for finding zero factor free rules

Lind, Grete; Kuusik, Rein, inform. Man-Machine Interactions 4 : 4th International Conference on Man-Machine Interactions, ICMMI 2015 Kocierz Pass, Poland, October 6-9, 2015 2016 / p. 421 - 435 https://doi.org/10.1007/978-3-319-23437-3_36 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

An algorithm for localised and diffuse necking analysis

Majak, Jüri; Pohlak, Meelis; Küttner, Rein International journal of computational materials science and surface engineering 2007 / 4, p. 494-508 <https://www.inderscienceonline.com/doi/abs/10.1504/IJCMSSE.2007.016438>

Algorithm for rapid exclusion of clinically relevant plasma levels of DOACs in patients using the DOAC Dipstick. An expert consensus paper

Harenberg, Job; Gosselin, Robert C.; Cuker, Adam; Becattini, Cecilia; Pabinger, Ingrid; Poli, Sven; Weitz, Jeffrey Ian; Pikta, Marika Thrombosis and Haemostasis 2024 / p. 770-777 <https://doi.org/10.1055/a-2261-1811> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Algorithm for reconfiguration of urban distribution network

Priman, Sigmar Scientific proceedings of Riga Technical University. Serija 4, Power and electrical engineering 2005 / p. 49-54 : ill

Algorithm for restructuring of structurally synthesized BDDs

Jürimägi, Lembit; Ubar, Raimund-Johannes 2019 IEEE 31st International Conference on Microelectronics : Niš, Serbia September 16th-18th, 2019 : proceedings 2019 / p. 239-242 : ill <https://doi.org/10.1109/MIEL.2019.8889578>

Algorithm MONSA for all closed sets finding : basic concepts and new pruning techniques

Lind, Grete; Kuusik, Rein, inform. WSEAS transactions on information science and applications 2008 / 5, p. 599-611 <https://dl.acm.org/doi/10.5555/1467020.1467025>

An algorithm to transform discrete-time state equations into the extended observer form

Kaldmäe, Arvo; Kotta, Ülle Automatica 2024 / art. 111598 <https://doi.org/10.1016/j.automatica.2024.111598> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Algorithmic presentation and estimation of the radial electrical networks 6-220 kV

Rizwanul, Kabir; Latsko, Igor; Fursanov, Mikhail; Shapiro, Ilya 35 научная конференция студентов вузов Эстонии, Латвии, Литвы, Белоруссии и Молдовы : [Таллинн, 1991] : доклады. Секция электромеханики. Секция электроэнергетики 1991 / с. 39-40

Algorithms for hierarchical fault simulation in digital systems

Ubar, Raimund-Johannes; Raik, Jaan; Klüver, B. Proceedings of the 10th International Conference : Mixed Design of Integrated Circuits and Systems : MIXDES 2003 : Lodz, Poland, 26-28 June 2003 2003 / p. 530-535 : ill

Algorithms for learning and adaptation over networks - distributed leader selection = Õppimisalgoritmid hajutatud võrkude tarbeks - juhtsõlme hajus valimine

Ulp, Sander 2019 <https://digi.lib.ttu.ee/i/?11635> https://www.ester.ee/record=b5204290*est

Algorithms of discrete Fourier transform decomposition

Arro, Ilmar Tallinna Tehnikaülikooli Toimetised 1994 / lk. 5-14

Algorithms of functional level testability analysis for digital circuits

Ubar, Raimund-Johannes; Kuchcinski, Ktysztof Periodica polytechnica. Electrical engineering 1992 / 3/4, p. 295-308

Algoritme veeremi jaotamiseks marsuutidele

Rozenfeld, I.; Valma, Arno Autotransport ja Maanteed : informatsiooniseeria 8 1981 / lk. 3-10 (nr. 6); lk. 5-10 (nr. 7) : ill

https://www.ester.ee/record=b1181335*est

Algoritmi koostamine kujutava geomeetria ülesande lahendamiseks elektronarvutil

Gogolev, A.; Strizhak, Tatjana XXXII üliõpilaste teaduslik-tehnilise konverentsi ettekannete teesid : pühendatud V. I. Lenini 110.

sünniaastapäevale : 16.-18. aprill 1980 1981 / lk. 87 https://www.ester.ee/record=b1322611*est

Algoritmi loogikaskeemi sisestamine arvutisse

Tammemäe, Kalle; Plaks, Toomas XXXII üliõpilaste teaduslik-tehnilise konverentsi ettekannete teesid : pühendatud V. I. Lenini 110.

sünniaastapäevale : 16.-18. aprill 1980 1981 / lk. 92 https://www.ester.ee/record=b1322611*est

Algoritmid ja diagonaalsed tõestused

Buldas, Ahto Arvutustehnika ja Andmetöötlus 1995 / 1, lk. 5-10

Allkirjad elektroonilistel dokumentidel : väärmatu tõenduse algoritmidest

Buldas, Ahto A & A 2000 / 6, lk. 36-40

Ameliorated quantum class topper optimization to solve economic load dispatch problems

Gupta, Pradeep Kumar; Kumari Gupta, Anju; **Tuttelberg, Kaur; Kilter, Jako** 2024 3rd International Conference on Energy

Transition in the Mediterranean Area (SyNERGY MED) 2024 / 5 p <https://doi.org/10.1109/SyNERGYMED62435.2024.10799422>

An algorithm of the formation of waste load in industrial effluents

Säärekõnno, Jüri Proceedings of the Estonian Academy of Sciences. Engineering 2005 / 3, p. 234-244 : ill

An all closed set finding algorithm for data mining

Kuusik, Rein, inform.; **Lind, Grete** Advances on artificial intelligence, knowledge engineering and data bases : proceedings of the 7th WSEAS International Conference on Artificial Intelligence, Knowledge Engineering and Data Bases (AIKED'08) : Gambridge, UK, February 20-22, 2008 2008 / p. 135-141

An alternative approach to solving of the inverse kinematics

Zhigailov, Sergei; Arjassov, Gennadi 12th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Kuressaare, Estonia, June 11-16, 2012 2012 / p. 164-165 : ill

An application of data analysis methods to democracy index value forecasting

Dunajeva, Olga; Tokarev, Alexandr Innovaatilised lahendused ja säästvad tehnoloogiad : konverents 2010, [27. apr. Jõhvi, 28. apr. Kohtla-Järve = Innovative approaches and sustainable technology 2010 / p. 75-82 : ill

An approach for the maximum clique finding problem test tool software engineering

Kumlander, Deniss Proceedings of the IASTED International Conference on Software Engineering as part of the 25th IASTED International Multi-Conference on Applied Informatics : Innsbruck, Austria, 13-15.02.2007 2007 / p. 297-301

<https://dl.acm.org/doi/10.5555/1332044.1332092>

An approach to inference of finite state machines based on gravitationally-inspired search algorithm

Spitsakova, Margarita 12th Symposium on Programming Languages and Software Tools : SPLST'11 : Tallinn, Estonia, 5-7 October 2011 : proceedings 2011 / p. 185-195 : ill

An approach to the inference of finite state machines based on a gravitationally-inspired search algorithm

Spitsakova, Margarita Proceedings of the Estonian Academy of Sciences 2013 / p. 39-46 <https://doi.org/10.3176/proc.2013.1.05>

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

An effective inductive learning algorithm for extracting rules

Kuusik, Rein, inform.; **Lind, Grete** Proceedings of the 2011 2nd International Congress on Computer Applications and Computational Science. Vol. 2 2012 / p. 339-344 https://link.springer.com/chapter/10.1007/978-3-642-28308-6_46

An efficient method for post analysis of patterns

Kuusik, Rein, inform.; **Liiv, Innar; Lind, Grete** Proceedings of the IASTED International Conference on Artificial Intelligence and Applications : Innsbruck, Austria, February 14-16, 2005 2005 / p. 101-105

https://www.researchgate.net/publication/221173660_An_Efficient_Method_for_Post_Analysis_of_Patterns

An extended comparison of the best known algorithms for finding the unweighted maximum clique

Kumlander, Deniss Modelling, computation and optimization in information systems and management sciences 2008 / p. 175-181

https://www.researchgate.net/publication/221451751_An_Extended_Comparison_of_the_Best_Known_Algorithms_for_Finding_the_Unweighted

An image processing algorithm for decoding line type code

Juurma, Märt 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. 193-197 : ill

An improved algorithm for rational approximation of transfer functions

Kukk, Vello International journal of circuit theory and applications 1977 / p. 149-155

An integrated approach for the identification of compact, interpretable and accurate Fuzzy rule-based classifiers from data

Riid, Andri; Rüstern, Ennu INES 2011 : 15th International Conference on Intelligent Engineering Systems : June 23–25, 2011, Poprad, Slovakia 2011 / p. 101-107 : ill <https://ieeexplore.ieee.org/document/5954728>

An output signal based combination of two NLMS adaptive algorithms

Trump, Tõnu 16th International Conference on Digital Signal Processing : July 5-7, 2009, Santorini, Greece 2009 / ? p <https://ieeexplore.ieee.org/abstract/document/5201077>

Analysing adversarial threats to rule-based local-planning algorithms for autonomous driving

Roberts, Andrew James; Malayjerdi, Mohsen; Bellone, Mauro; Maennel, Olaf Manuel; Malayjerdi, Ehsan The Inaugural Symposium on Vehicle Security and Privacy (VehicleSec) 2023, 27 February 2023, San Diego, CA, USA 2023 / 8 p. : ill <https://doi.org/10.14722/vehiclesec.2023.23086>

Analysis of instantaneous cardiac EBI signal variability over the heart cycle(s) : non-linear time-scale approach

Krivošei, Andrei; Min, Mart; Annus, Paul; Kõiv, Hip; Aabloo, Alvo; Uuetoa, Tiina EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 940-943 : ill https://doi.org/10.1007/978-981-10-5122-7_235
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Analyzing meta-heuristic algorithms for task scheduling in a fog-based IoT application

Rahbari, Dadmehr Algorithms 2022 / art. 397 <https://doi.org/10.3390/a15110397> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Another view on territory fair division problem

Veski, Andre; Võhandu, Leo Databases and Information Systems : proceedings of the Ninth International Baltic Conference, Baltic DB&IS 2010 : Riga, Latvia, July 5-7, 2010 2010 / p. 261-276 : ill

Anti-money laundering powered by graph machine learning: 'Show me your friends and I will tell you who you are'

Astrova, Irina Intelligent decision technologies 2023 / p. 243-261 <https://doi.org/10.3233/IDT-220193> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Anu Masso: automatiseeritud otsustamine kui usalduse loomise allikas

Masso, Anu err.ee 2023 [Anu Masso: automatiseeritud otsustamine kui usalduse loomise allikas](#)

Application of genetic algorithms to neural networks based control of a liquid level tank system

Vassiljeva, Kristina; Belikov, Juri; Petlenkov, Eduard 2014 International Joint Conference on Neural Networks (IJCNN) : July 6-11, 2014, Beijing, China 2014 / p. 2525-2530 : ill <https://doi.org/10.1109/IJCNN.2014.6889912> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Application of HOHWM based function approximation algorithms in engineering design

Mäe, Tiina; Plamus, Tiia; Majak, Jüri; Karunanidhi, Ramachandran; Rahman, Md Toufiqueur International conference of numerical analysis and applied mathematics ICNAAM 2021 : Rhodes, Greece, 20–26 September 2021 2023 / art. 250003 <https://doi.org/10.1063/5.0162255> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Application of Newton's method to analog and digital realization of fractional-order controllers

Tepljakov, Aleksei; Petlenkov, Eduard; Belikov, Juri International journal of microelectronics and computer science 2012 / p. 45-52 : ill https://www.researchgate.net/publication/259741864_Application_of_Newton%27s_Method_to_Analog_and_Digital_Realization_of_Fractional-order_Controllers

Application of the small volume statistical series processing algorithms on observations data in the Gulf of Finland aquatorium

Vlasov, O.B.; Usanov, Boris P. Theses of the reports of the VIII Symposium Concerning the Problems of Waterbodies Water Quality, Tallinn, Oct. 23-25, 1990 1990 / p. 83-85

Application-specific hardware accelerator for implementing recursive sorting algorithms

Mihhailov, Dmitri; Sklyarov, Valery; Skliarova, Iuliia; Sudnitsõn, Aleksander Proceedings of the IEEE International Conference on

Field Programmable Technology (FPT'10) : Beijing, China Dec. 8-10, 2010 / p. 269-272 : ill
<https://ieeexplore.ieee.org/document/5681486>

Applying AI and incomplete solution principles to solve NP-hard problems in the real-time systems

Kumlander, Deniss Proceedings of the WSEAS Conference : 10th WSEAS Conference on Computers : Vouliagmeni, Athens, Greece, July 10-15, 2006 / p. 807-811
https://www.researchgate.net/publication/242103446_Applying_AI_and_Incomplete_Solution_Principles_to_Solve_NP-hard_Problems_in_the_Real-Time_Systems

Architectural solutions for high-speed data processing demands of CERN LHC detectors with FPGA and high-level synthesis

Devadze, Sergei; Nielsen, Christine Elizabeth; **Mihhailov, Dmitri**; **Ellervee, Peeter** 2024 IEEE Nordic Circuits and Systems Conference (NorCAS) 2024 <https://doi.org/10.1109/NorCAS64408.2024.10752490> [Article at Scopus](#)

An area aware accelerator for elliptic curve point multiplication

Imran, Malik; **Pagliarini, Samuel Nascimento**; Rashid, Muhammad Haroon 27th IEEE International Conference on Electronics Circuits and Systems, (ICECS) 2020, Glasgow, UK, Virtual Conference, November 23-25, 2020 : proceedings 2020 / 4 p
<https://doi.org/10.1109/ICECS49266.2020.9294908>

Area efficient design and implementation of a novel divider circuit block = Uudne efektiivne jagamistehte riistvaraline realiseatsioon

Patankar, Udayan Sunil 2025 https://www.ester.ee/record=b5746970*est <https://digikogu.taltech.ee/et/Item/bada7a0d-f54f-48bb-844d-37e23ad8d029> <https://doi.org/10.23658/taltech.29/2025>

Area efficient hexadecimal divider circuit implementation based on USP-awadhoot division algorithm

Patankar, Udayan Sunil; **Koel, Ants**; Patankar, Sunil M.; Flores, Miguel E. IEEE International Conference on Engineering, Technology and Innovation (ICE/ITMC) 2021 / p. 1-8 <https://doi.org/10.1109/ICE/ITMC52061.2021.9570263>

Artificial Hummingbird Algorithm For Optimal Reconfiguration Of Electrical Distribution networks

Zahraoui, Younes; Bouhanik, Anes; **Korõtko, Tarmo**; **Rosin, Argo**; Mekhilef, Saad 2024 IEEE 22nd Mediterranean Electrotechnical Conference (MELECON) 2024 / p. 225-229 <https://doi.org/10.1109/MELECON56669.2024.10608525>

Artificial intelligence in the maximum clique finding problem applications

Kumlander, Deniss Proceedings of the WSEAS Conference : 7th WSEAS International Conference on Automation & Information (ICA'06) : Cavtat, Croatia, June 13-15, 2006 / p. 132-137
https://www.researchgate.net/publication/234778320_Artificial_intelligence_in_the_maximum_clique_finding_problem_applications

Artificial intelligence tools for university fundraising 5.0 : a comprehensive analysis

Cherniavska, Olena; Belov, Alexandr; Shmygol, Nadiia; **Järvis, Marina**; Cherniavska, Oleksandra; Tsalko, Tetiana 2023 IEEE 5th International Conference on Modern Electrical and Energy System (MEES) : proceedings 2023 / 6 p
<https://doi.org/10.1109/MEES61502.2023.10402529>

Artificial neural networks and evolutionary algorithms in engineering design

Velsker, Tarmo; **Majak, Jüri**; **Pohlak, Meelis**; **Eerme, Martin**; **Karjust, Kristo** Journal of achievements in materials and manufacturing engineering 2011 / p. 88-95 : ill

Asfaldi automaatlaoturi juhttrossi asendi algoritm

Mägi, Hans Autotransport ja Maanteed : informatsiooniseeria 8 1982 / lk. 16-20 : ill https://www.ester.ee/record=b1181335*est

Assessment of algorithms for detecting an arterial pulse pressure wave equiphase point

Temitski, Kristina; **Lauri, J.**; **Pilt, Kristjan**; **Meigas, Kalju**; **Viigimaa, Margus** BEC 2012 : 2012 13th Biennial Baltic Electronics Conference : proceedings of the 13th Biennial Baltic Electronics Conference : October 3-5, 2012, Tallinn, Estonia 2012 / p. 191-194 : ill

Assisting control algorithms for simplified operation of remotely controlled unmanned ground vehicle

Hilimaa, Maido; **Tamre, Mart** 7th International Conference Mechatronics Systems and Materials MSM 2011 : Kaunas, Lithuania, 7-9 July, 2011 : abstracts book and full papers CD 2011 / [5] p

Automated decision-making in the EU member state's public administration : the compliance of automated decisions of the Estonian unemployment insurance fund with Estonian administrative procedure law

Zolkin, Vladlen; **Chochia, Archil**; **Hoffmann, Thomas** European Studies : The Review of European Law, Economics and Politics 2023 / p. 178-202 <https://doi.org/10.2478/eustu-2023-0017> [Journal metrics at Scopus](#) [Article at Scopus](#)

Automated design error debug using high-level decision diagrams and mutation operators

Raik, Jaan; **Repinski, Urmas**; **Tšepurov, Anton**; **Hantson, Hanno**; **Ubar, Raimund-Johannes**; **Jenihhin, Maksim** Microprocessors and microsystems 2013 / p. 505-513 : ill <https://doi.org/10.1016/j.micpro.2012.11.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An automated method for mining high-quality assertion sets

Heidari Iman, Mohammad Reza; Raik, Jaan; Jenihhin, Maksim; Jervan, Gert; Ghasempouri, Tara Microprocessors and microsystems 2023 / art. 104773 <https://doi.org/10.1016/j.micpro.2023.104773> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Automated neural network model selection algorithm for feedback linearization based control

Vassiljeva, Kristina; Petlenkov, Eduard; Belikov, Juri BEC 2010 : 2010 12th Biennial Baltic Electronics Conference : proceedings of the 12th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 4-6, 2010, Tallinn, Estonia 2010 / p. 235-238 : ill

Automated test bench generation for high-level synthesis flow ABELITE

Viilukas, Taavi; Jenihhin, Maksim; Raik, Jaan; Ubar, Raimund-Johannes; Baranov, Samary Proceedings of IEEE East-West Design & Test Symposium (EWDTS'2011) : Sevastopol, Ukraine, September 9-12, 2011 2011 / p. 13-16 : ill
<https://ieeexplore.ieee.org/document/6116601>

Automatic visual traffic sign damage detection and measurement of damaged area

Ersü, Can; Janson, Karl; Petlenkov, Eduard; Reinsalu, Uljana 2024 18th International Conference on Control, Automation, Robotics and Vision (ICARCV) 2024 / p. 505-510 <https://doi.org/10.1109/ICARCV63323.2024.10821546>

Bandit-based learning-aided full-duplex/half-duplex mode selection in 6G cooperative relay networks

Nomikos, Nikolaos; Charalambous, Themistoklis; Trakadas, Panagiotis; Wichman, Risto IEEE Open Journal of the Communications Society 2024 / p. 1415-1429 : ill <https://doi.org/10.1109/OJCOMS.2024.3370476> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Beyond algorithm aversion in human-machine decision-making

Burton, Jason W.; Stein, Mari-Klara; Jensen, Tina Blegind Judgment in predictive analytics 2023 / p. 3-26 https://doi.org/10.1007/978-3-031-30085-1_1

Bilateral output feedback control of fractional PDEs with space-dependent coefficients

Chen, Juan; Tepļakov, Aleksei; Petlenkov, Eduard; Zhuang, Bo IFAC-PapersOnLine 2020 / p. 3743 - 3748
<https://doi.org/10.1016/j.ifacol.2020.12.2555> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Binaarsed relatsioonid

Tombak, Mati A & A 2009 / 5, lk. 5-11 https://artiklid.elnet.ee/record=b1507126*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>

A breadth-first algorithm for mining frequent patterns from event logs

Vaarandi, Risto Intelligence in Communication Systems : IFIP International Conference, INTELLCOMM 2004, Bangkok, Thailand, November 23-26, 2004 : proceedings 2004 / p. 293-308 https://link.springer.com/chapter/10.1007/978-3-540-30179-0_27

A cache-based approach toward improved scheduling in fog computing

Khan, Osama Amir; Malik, Saif Ur Rehman; Baig, Faizan M.; Islam, Saif Ul; Pervaiz, Haris; Malik, Hassan; Ahmed, Syed Hassan Software - Practice and Experience 2021 / p. 2360 - 2372 <https://doi.org/10.1002/spe.2824> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

CALL-technolgy based approach to control acquisition of foreign language skills

Nymm, Voldemar; Piotrowska, Xenia; Nõmm, Sven; Ronzhin, Andrey Proceedings of the III International Conference on Language Engineering and Applied Linguistics (PRLEAL-2019), Saint Petersburg, Russia, November 27, 2019 2020 / art. 157532, p. 200-210
<http://ceur-ws.org/Vol-2552/Paper16.pdf> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Capillary electrophoresis sensitivity enhancement based on adaptive moving average method

Drevinskas, Tomas; Telksnys, Laimutis; Maruška, Audrius; Gorbatošova, Jelena; Kaljurand, Mihkel Analytical chemistry 2018 / p. 6773-6780 : ill <https://doi.org/10.1021/acs.analchem.8b00664> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Certification of context-free grammar algorithms = Kontekstivabade grammatikate algoritmidetseerimine

Firsov, Denis 2016 <http://digi.lib.ttu.ee/i/?6213>

Certified CYK parsing of context-free languages

Firsov, Denis; Uustalu, Tarmo Journal of logical and algebraic methods in programming 2014 / p. 459-468

Certified parsing of regular languages

Firsov, Denis; Uustalu, Tarmo Certified Programs and Proofs : Third International Conference, CPP 2013, Melbourne, VIC, Australia, December 11-13, 2013, Proceedings 2013 / p. 98 - 113 https://doi.org/10.1007/978-3-319-03545-1_7 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

A chameleon algorithm for solving economic dispatch problem in microgrid system

Zahraoui, Younes; Alhamrouni, Ibrahim; Mekhilef, Saad; **Korötko, Tarmo;** Jusoh, Awang; Sutikno, Tole Bulletin of electrical engineering and informatics 2023 / p. 1982-1992 : ill <https://doi.org/10.11591/eei.v12i4.4700> [Journal metrics at Scopus](#) [Article at Scopus](#)

Channel prediction based enhanced throughput and channel aware MAC in SmartBAN standard

Khan, Rida; Alam, Muhammad Mahtab; Kuusik, Alar 2019 16th International Symposium on Wireless Communication Systems (ISWCS) 2019 / p. 463-468 : ill <https://doi.org/10.1109/ISWCS.2019.8877244>

Class topper optimization approach to solve non-convex combined heat and power economic dispatch problems in power systems

Gupta, Pradeep Kumar; Tuttelberg, Kaur; Kilter, Jako 2024 IEEE International Conference on Power and Energy (PECon) 2024 / p. 179-184 <https://doi.org/10.1109/PECon62060.2024.10827527> [Article at Scopus](#) [Article at WOS](#)

A classification of epileptic spikes in the EEG

Lossmann, Eerik Tallinna Tehnikaülikooli Toimetised 1994 / lk. 52-61: ill

CLD : an accurate, cost-effective and scalable run-time Cache Leakage Detector

Shalabi, Ameer; Ghasempouri, Tara; Ellervee, Peeter; Raik, Jaan 2021 24th International Symposium on Design and Diagnostics of Electronic Circuits & Systems (DDECS) : Vienna, Austria, 07-09 April 2021 2021 / p. 127-132 : ill <https://doi.org/10.1109/DDECS52668.2021.9417071>

Cliques and algorithms with a hidden parallelism

Võhandu, Leo; Kuusik, Rein, inform. Tallinna Tehnikaülikooli Toimetised 1993 / lk. 63-74

A clustering algorithm for loglife data sets

Vaarandi, Risto Proceedings of the Eighth Symposium on Programming Languages and Software Tools, SPLST'03 : Kuopio, Finland, June 17-18, 2003 2003 / p. 152-162 <https://www.cs.uku.fi/research/publications/reports/A-2003-1/page152.pdf>

Coherent algorithm for estimation of delay time

Arro, Ilmar; Ruuto, Urmas BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 203-206: ill

Combinational fault simulation in sequential circuits

Ubar, Raimund-Johannes; Kõusaar, Jaak; Gorev, Maksim; Devadze, Sergei 2015 IEEE International Symposium on Circuits and Systems : 24-27 May 2015, Lisboa, Portugal : [proceedings] 2015 / p. 2876-2879 : ill <https://doi.org/10.1109/ISCAS.2015.7169287> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Combinatorial algorithms of discrete mathematics

Zakrevskij, Arkadij; Pottosin, Yu.; Cheremisinova, L. 2008 http://www.ester.ee/record=b2350865*est

Combined deterministic algorithm and metaheuristic technique for fast and accurate resolution of optimization problems

Martin, Florian; Aydin, Ugur; Sundaria, Ravi; Rasilo, Paavo; **Belahcen, Anouar** 21st International Conference on the Computation of Electromagnetic Fields (Compumag 2017) : Daejeon, South Korea, 18-22 June 2017 2017 / p. 3-4 : ill http://www.compumag.org/CMAG2017/OA1-2/_131.pdf

Combined safety and cybersecurity testing methodology for autonomous driving algorithms

Roberts, Andrew James; Malayjerdi, Mohsen; Malayjerdi, Ehsan; Maennel, Olaf Manuel CSCS '22 : Proceedings of the 6th ACM Computer Science in Cars Symposium 2022 / art. 12, 10 p <https://doi.org/10.1145/3568160.3570235>

Combining dynamic slicing and mutation operators for ESL correction

Repinski, Urmas; Hantson, Hanno; Jenihhin, Maksim; Raik, Jaan; Ubar, Raimund-Johannes Proceedings : 2012 17th IEEE European Test Symposium (ETS) : May 28th-June 1st, 2012, Annecy, France 2012 / [6] p. : ill <https://ieeexplore.ieee.org/document/6233020>

Comments on "Approximate linear realizations of given dimesion via Ho's algorithm"

Jaaksoo, Ülo; Nurges, Ülo IEEE transactions on automatic control : a publication of the IEEE Control Systems Society 1975 / p. 302-303 https://www.ester.ee/record=b1200585*est

Common algorithmic and structural description of procedures of short discrete Fourier transform

Arro, Ilmar; Trump, Tõnu; Smolyansky, L. Latvian Signal Processing International Conference : proceedings. Vol. 1 1990 / p. 118-122

Compaction of decision diagrams for describing multi-process VHDL descriptions

Leveugle, R.; Saucier, Gabriele; **Ubar, Raimund-Johannes** BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 195-198: ill

Comparative analysis of pattern mining algorithms for event logs

Gasimov, Orkhan; **Vaarandi, Risto; Pihelgas, Mauno** 2023 IEEE International Conference on Cyber Security and Resilience (CSR) : Venice, Italy, 2023 2023 / 7 p <https://doi.org/10.1109/CSR57506.2023.10224996>

Comparative analysis of proportionate least mean squares algorithms for sparse adaptive filtering

Butsenko, Maksim Proceedings of the 8th Annual Conference of the Estonian National Doctoral School in Information and Communication Technologies : December 5-6, 2014, Rakvere 2014 / p. 19-22 : ill

Comparing the best maximum clique finding algorithms, which are using heuristic vertex colouring

Kumlander, Deniss Proceedings of the WSEAS Conference : 10th WSEAS Conference on Computers : Vouliagmeni, Athens, Greece, July 10-15, 2006 2006 / p. 932-937 <https://citeseerx.ist.psu.edu/document?repid=rep1&type=pdf&doi=6a835c6002434a8e0985d850356794d9bc74879e>

Comparison of Bayesian and particle swarm algorithms for hyperparameter optimisation in machine learning applications in high energy physics

Tani, Laurits; Veelken, Christian Computer physics communications 2024 / p. 108955 <https://doi.org/10.1016/j.cpc.2023.108955>

Comparison of Bayesian and particle swarm algorithms for hyperparameter optimisation in machine learning applications in high energy physics : [preprint]

Tani, Laurits; Veelken, Christian arXiv.org 2024 / 8 p. : ill <https://doi.org/10.48550/arXiv.2201.06809>

Comparison of machine learning algorithms for classification of partial discharge signals in medium voltage components

Kumar, Haresh; **Shafiq, Muhammad**; Hussain, Ghulam Amjad; Kauhaniemi, Kimmo 2021 IEEE PES Innovative Smart Grid Technologies Europe (ISGT-Europe), 8-21 October, 2021 : proceedings 2021 / 6 p <https://doi.org/10.1109/ISGTEurope52324.2021.9639923>

Comparison of matrix reordering algorithms based on monotone systems

Lind, Grete; Kuusik, Rein, inform. The Fifteenth International Conference on Concept Lattices and Their Applications : CLA 2020, Tallinn, Estonia, June 29-July 1, 2020 2020 / p. 281-286 https://www.ester.ee/record=b5353358*est <http://ceur-ws.org/Vol-2668/short2.pdf>
[Conference proceedings at Scopus](#) [Article at Scopus](#)

Comparison of model-based error localization algorithms for C designs

Repinski, Urmas; Raik, Jaan Proceedings of IEEE East-West Design & Test Symposium (EWDTS'2012) : Kharkov, Ukraine, September 14-17, 2012 2012 / p. 42-45 <https://ieeexplore.ieee.org/document/6673203>

Complex delay fault reasoning with sequential 7-valued algebra

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

Complex division by Baudhayan triplet algorithm using novel state of the art USP-awadhoot divider

Patankar, Udayan Sunil; Koel, Ants; Patankar, Sunil M.; Flores, Miguel E. IEEE 4th Advanced Information Management, Communicates, Electronic and Automation Control Conference (IMCEC) 2021 / p. 1918-1922 <https://doi.org/10.1109/IMCEC51613.2021.9482010>

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

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

Complex systems informatics and modeling quarterly

2023 <https://csimq-journals.rtu.lv/issue/view/299>

Comprehensive performance and robustness analysis of 2D turn models for network-on-chips

Azad, Siavoosh Payandeh; Niazmand, Behrad; Janson, Karl; Kogge, Thilo; **Raik, Jaan**; Jervan, Gert; Hollstein, Thomas 2017 IEEE International Symposium on Circuits and Systems (ISCAS) 2017 / p. 1476-1479 : ill <https://doi.org/10.1109/ISCAS.2017.8050634> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Computation of characteristic coefficients of Cuk converter

Niculescu, Elena; Cristea, Amelia-Maria BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 105-108: ill

Computational aspects of rewriting in higher-dimensional diagrams = Kõrgemamõõtmeliste diagrammide ümberkirjutamise arvutuslikud aspektid

Kessler, Diana-Maria 2025 https://www.ester.ee/record=b5753859*est <https://digikogu.taltech.ee/et/Item/792ff142-321f-470c-b840->

Control algorithm for a diesel generator based microgrid in different operation modes

Palamar, Andriy; Pettai, Elmo 9th International Symposium "Topical problems in the field of electrical and power engineering". Doctoral school of energy and geotechnology. II : Pärnu, Estonia, June 14-19, 2010 2010 / p. 89-94 : ill

Coordinated planning strategy for integrated energy systems in a district energy sector

Yang, Wentao; Liu, Weijia; Chung, Chi Yung; **Wen, Fushuan** IEEE Transactions on sustainable energy 2020 / p. 1807-1819
<https://doi.org/10.1109/TSTE.2019.2941418>

CORDIC digital phase-locked loop for FM demodulation

Vuori, Jarkko BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 105-108: ill

Correction to: Review of state-of-the-art microwave filter tuning techniques and implementation of a novel tuning algorithm using expert-based hybrid learning (Wireless Personal Communications, (2024), 134, 2, (625-681), 10.1007/s11277-024-10894-x)

Sekhri, Even; Kapoor, Rajiv; Tamre, Mart Wireless Personal Communications 2024 / p. 683 <https://doi.org/10.1007/s11277-024-10941-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Covering algorithms for a robot swarm with limited information = Katvusalgoritmid piiratud teadmusbasisiga robotiparvede jaoks

Puusepp, Andres 2017 <https://digi.lib.ttu.ee/ii/?9124> https://www.eester.ee/record=b4694737*est

Covering concept lattices with concept chains

Torim, Ants; Mets, Marko; Raun, Kristo Graph-Based Representation and Reasoning : 24th International Conference on Conceptual Structures, ICCS 2019 : Marburg, Germany, July 1-4, 2019 : proceedings 2019 / p. 190-203 : ill https://doi.org/10.1007/978-3-030-23182-8_14 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

Creating graphs for optimization tasks

Roosileht, Indrek BEC 2004 : Baltic Electronics Conference : Post-Graduate Student Session : Tallinn University of Technology, October 3-6, 2004, Tallinn, Estonia 2004 / p. 8 : ill

A Critical Pair Enumeration Algorithm for String Diagram Rewriting

Matsui, Anna; Obi, Innocent; Sabbagh, Guillaume; Torres, Leo; Kessler, Diana-Maria; Meleiro, Juan F.; Muroya, Koko Applied Category Theory (ACT) 2025 / 18 p <https://drive.google.com/file/d/10UDhhSA0CxcRZqeT3Pevf5ydCRye12D/view?pli=1>

Critical path tracing based simulation of transition delay faults

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

Critical path tracing based simulation of transition delay faults

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

Cross-correlation-based image matching of coins

Gavrijaševa, Alina; Mölder, Ago; Märten, Olev; Kyrkou, C.; Theocharides, T. BEC 2012 : 2012 13th Biennial Baltic Electronics Conference : proceedings of the 13th Biennial Baltic Electronics Conference : October 3-5, 2012, Tallinn, Estonia 2012 / p. 319-322 : ill

Cross-correlation-based image matching of coins

Gavrijaševa, Alina; Mölder, Ago; Märten, Olev Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kuuenda aastakonverentsi artiklite kogumik : 3.-5. oktoobril 2012, Laulasmaa 2012 / p. 17-20 : ill

Cycle-based simulation algorithms for digital systems using high-level decision diagrams

Morawiec, Adam; **Ubar, Raimund-Johannes; Raik, Jaan** Design, Automation and Test in Europe : Conference and Exhibition 2000 : Paris, France, March 27-30, 2000 : proceedings 2000 / p. 743 <https://ieeexplore.ieee.org/document/840876>

Damping Optimization in Locally Resonant Metastructures via Hybrid GA-PSO Algorithms and Modal Analysis

Alimohammadi, Hossein; Vassiljeva, Kristina; HosseinNia Kani, Seyed Hassan; Ellervee, Peeter; Petlenkov, Eduard ASME 2024 Conference on Smart Materials, Adaptive Structures and Intelligent Systems (SMASIS2024) : September 9-11, 2024, Atlanta, Georgia, USA : proceedings 2024 / Paper No: SMASIS2024-137019 ; 8 p <https://doi.org/10.1115/SMASIS2024-137019>

A data clustering algorithm for mining patterns from event logos

Vaarandi, Risto Proceedings of the 3rd IEEE Workshop on IP Operations & Management (IPOM2003) : Kansas City, Missouri, USA,

Data post-processing algorithms for active forward-looking sonar system

Berdnikova, Julia; Kozevnikov, V.; Ruuben, Toomas; Raja, Aimur Elektronika ir elektrotehnika = Electronics and electrical engineering 2011 / p. 43-46 : ill

Data post-processing algorithms for active forward-looking sonar system

Berdnikova, Julia Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK viienda aastakonverentsi artiklite kogumik : 25.-26. novembril 2011, Nelijärve 2011 / p. 79-82 : ill

Data structures for topologically sound higher-dimensional diagram rewriting

Hadzihasanovic, Amar; Kessler, Diana-Maria 5th International Conference on Applied Category Theory, ACT 2022, Hybrid, Glasgow, 18-22 July 2022 2023 / p. 111-127 : ill <https://doi.org/10.4204/EPTCS.380.7> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Data-driven control for nonlinear automated vehicles with multi-description coding for handling data dropouts

Zhang, Shuhua; Ma, Lifeng; **Charalambous, Themistoklis** 2024 IEEE 63rd Conference on Decision and Control (CDC) 2024 / p. 7387 - 7392 <https://doi.org/10.1109/CDC56724.2024.10886494> [Conference proceedings at Scopus](#) [Article at Scopus](#)

The datafication of travel in SARS-CoV-2 times : perceptions of graduates in Estonia towards the use of passenger locator forms and reinforcement learning system EVA

Masso, Anu; Reili, Olga Comunicazioni Sociali 2022 / p. 232-247 https://doi.org/10.26350/001200_000160 [Journal metrics at Scopus](#) [Article at Scopus](#)

Deadlock-free generic routing algorithms for 3-dimensional Networks-on-Chip with reduced vertical link density topologies

Ying, Haoyuan; Jaiswal, Ashok; **Hollstein, Thomas;** Hofmann, Klaus Journal of systems architecture 2013 / p. 528-542 : ill <https://doi.org/10.1016/j.sysarc.2013.03.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Decentralized governance for smart contract platform enabling mobile lite wallets using a proof-of-stake consensus algorithm

Deval, Vipin; Norta, Alexander; Dai, Patrick; Mahi, Neil; Earls, Jordan Blockchain Technology and Innovations in Business Processes 2021 / p. 67–93 https://doi.org/10.1007/978-981-33-6470-7_5 [Collection metrics at Scopus](#) [Article at Scopus](#)

Deep reinforcement learning-based digital twin for droplet microfluidics control

Gyimah, Nafisat; Scheler, Ott; Rang, Toomas; Pardy, Tamas Physics of Fluids 2023 / art. 082020 <https://doi.org/10.1063/5.0159981> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dekompositsiooni-koordinatsiooni meetoditest multikriteeriaalses optimeerimises

Vaarmann, Otu Aastaraamat 2009 / Eesti Matemaatika Selts 2010 / lk. 76-87

Describing data table with best decision

Torim, Ants; Kuusik, Rein, inform. Proceedings of the 5th WSEAS International Conference on Simulation, Modeling and Optimization : Corfu, Greece, August 17-19, 2005 2005 / p. 152-157 : ill

Design and verification of Cyber-Physical Systems using TrueTime, evolutionary optimization and UPPAAL

Balasubramaniyan, Sreeram; Srinivasan, Seshadhri; Buonopane, Furio; Balasubramanian, Subathra; **Vain, Jüri;** Ramaswamy, Srin Microprocessors and microsystems 2016 / p. 37-48 : ill <https://doi.org/10.1016/j.micpro.2015.12.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Design error diagnosis using backtrace algorithm on decision diagrams

Repinski, Urmas; Raik, Jaan; Ubar, Raimund-Johannes; Jenihhin, Maksim; Tšepurov, Anton Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK neljanda aastakonverentsi artiklite kogumik : 26.-27. novembril 2010, Essu mõis 2010 / p. 93-96

Design optimization of permanent magnet clutch

Andriushchenko, Ekaterina; Kallaste, Ants; Belahcen, Anouar; Heidari, Hamidreza; Vaimann, Toomas; Rassõlkin, Anton 2020 International Conference on Electrical Machines (ICEM), 23-26 August 2020, Gothenburg, Sweden : online : proceedings 2020 / p. 436–440 <https://doi.org/10.1109/ICEM49940.2020.9270726>

Design templates for mobile robot conceptual design

Sell, Raivo; Tamre, Mart 2007 IEEE/ASME International Conference on Advanced Intelligent Mechatronics 2007 / [6] p <https://ieeexplore.ieee.org/document/4412593>

Development and optimisation of modelling methods and algorithms for terahertz range radiation sources based on quantum well heterostructures = Kvantaukudega heterostruktuuridel põhinevate terahertsikiirguri

modelleerimismeedotidite ja -algoritmid arendus ja optimeerimine
Reeder, Reeno 2014 https://www.ester.ee/record=b3084247*est

Development and testing of a compact voice command recognition algorithm for limited complexity microcontroller devices

Udal, Andres; Riid, Andri; Jaanus, Martin; Pärnamets, Kaiser; Lokuta, Madis 2018 22nd International Conference Electronics : Palanga, Lithuania, 18-20 June 2018 / p. 1-4 : ill <http://doi.org/10.1109/ELECTRONICS.2018.8443645>

Development and verification of control and protection algorithms for the special purpose high power converters

Roasto, Indrek; Vinnikov, Dmitri; Vodovozov, Valery Intelligent Technologies in Logistics and Mechatronics Systems : ITELMS'2008 : proceedings of the 3rd International Workshop : May 22-23, 2008, Panevėžys, Lithuania 2008 / p. 23-27 : ill

Development of a signal processing algorithm for automatic identification of the cardiac events in the seismocardiogram

Rahman, Mohammed Owahidur; Witter, Raiker; Samoson, Ago Cardiology 2015 / p. 44
<https://www.karger.com/Article/Abstract/431110>

Development of diagnostic algorithm for von Willebrand disease within WFH the Twinning Tallinn-Helsinki program

Pikta, Marika; Banyas, Valdas; Vaide, Ines; Varik, Mirja 2018 https://www.postersessiononline.eu/173580348_eu/congresos/WFH2018/aula/-M-P_139_WFH2018.pdf

Development of movement algorithms for a robot manipulator

Arjassov, Gennadi; Zhigailov, Sergei; Zinovjev, Jevgeni Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 1 2012 / p. 262-267 : ill

Diagnosis and correction of multiple design errors using critical path tracing and mutation analysis

Hantson, Hanno; Repinski, Urmis; Raik, Jaan; Jenihhin, Maksim; Ubar, Raimund-Johannes LATW 2012 : 13th IEEE Latin-American Test Workshop proceedings : April 10th-13th, 2012, Quito, Ecuador 2012 / [6 p.] : ill
<https://ieeexplore.ieee.org/document/6261234>

Discontinuity-driven mesh alignment for evolving discontinuities in elastic solids

Berezovski, Mihail; Berezovski, Arkadi Journal of computational physics 2020 / art. 109542, 21 p
<https://doi.org/10.1016/j.jcp.2020.109542> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Discrete algorithm of integrated photoelasticity for axisymmetric problems

Anton, Johan; Aben, Hilar; **Ainola, Leo** International Conference on Advanced Technology in Experimental Mechanics : The Second Asian Conference on Experimental Mechanics, Nagoya, 2003 2003 / [6] p

Discrete approximation algorithm of overcoming the stock-exchange paradox

Lepp, Riho; Kibzun, A. Abstracts of Conference on Stochastic Programming : Gainesville, Florida, 2000 2000 / p. 34

Discrete gravitational search algorithm for solving finite state machine inference problem

Spitšakova, Margarita Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK viienda aastakonverentsi artiklite kogumik : 25.-26. novembril 2011, Nelijärve 2011 / p. 63-66 : ill

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/78449> https://www.ester.ee/record=b4689427*est

Distributed energy systems : design, modeling, and control

2022 <https://www.taylorfrancis.com/books/edit/10.1201/9781003229124/distributed-energy-systems-ashutosh-giri-sabha-raj-arya-dmitri-vinnikov>

Divider implementation based on USP-awadhoot division algorithm For area optimization

Patankar, Udayan Sunil; Koel, Ants; Patankar, Sunil M.; Flores, Miguel E. IEEE 4th Advanced Information Management, Communicates, Electronic and Automation Control Conference (IMCEC) 2021 / p. 1675-1682
<https://doi.org/10.1109/IMCEC51613.2021.9482132>

Division algorithms - from past to present chance to improve area time and complexity for digital applications

Patankar, Udayan Sunil; Flores, Miguel E.; **Koel, Ants** LAEDC 2020 : Latin American Electron Devices Conference, San José, Costa Rica, February 25-28, 2020 2020 / 4 p <https://doi.org/10.1109/LAEDC49063.2020.9073050>

Division Method And Circuit

Patankar, Udayan Sunil; Koel, Ants; Patankar, Sunil; Flores, Miguel E. 2022 <https://www.wipo.int>

DL-AoD estimation-based 5G positioning using directionally transmitted synchronization signals

Müürsepp, Ivo; Alam, Muhammad Mahtab Sensors 2025 / art. 6372 <https://doi.org/10.3390/s25206372> <https://www.mdpi.com/1424-8220/25/20/6372>

DocOnTap : AI-based disease diagnostic system and recommendation system

Abideen, Zain Ul; Khan, Talha Ali; Ali, Raja Hashim; Ali, Nisar; Baig, Muhammad Muneeb; Ali, Muhammad Sajid 17th International Conference on Emerging Technologies (ICET), Swabi, Pakistan, 29-30 November 2022 / p. 148-153
<https://doi.org/10.1109/ICET56601.2022.10004621>

Doktoritöö näitab, kuidas päästa linnatänavad uputustest [Võrguväljaanne]

postimees.ee 2021 ["Doktoritöö näitab, kuidas päästa linnatänavad uputustest"](#)

DOME : recommendations for supervised machine learning validation in biology

Walsh, Ian; Fishman, Dmytro; Garcia-Gasulla, Dario; **Titma, Tiina;** Pollastri, Gianluca; Harrow, Jennifer; Psomopoulos, Fotis E.; Tosatto, Silvio C. E. Nature methods 2021 / p. 1122–1127 <https://doi.org/10.1038/s41592-021-01205-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Don't do things that you can't undo : reversibility models for generating safe behaviours

Kruusmaa, Maarja; Gavšin, Juri; Eppendahl, A. Proceedings of the 2007 IEEE International Conference in Robotics and Automation : ICRA'07 : Rome, Italy, 10-14 April 2007 / p. 1134-1139 <https://ieeexplore.ieee.org/document/4209241>

Dynamic slot allocation using non overlapping backoff algorithm in IEEE 802.15.6 WBAN

Saboor, Abdul; Ahmad, Rizwan; Ahmed, Waqas; Kiani, Adnan Khalid; **Alam, Muhammad Mahtab;** Kuusik, Alar; **Le Moullec, Yannick** IEEE sensors journal 2020 / p. 10862-10875 : ill <https://doi.org/10.1109/JSEN.2020.2993795> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Early design clustering method considering equitable daylight distribution in the adaptive re-use of heritage buildings

Szentesi-Nejur, Szende; Nejur, Andrei; De Luca, Francesco; **Madelat, Payam** eCAADe 2023 : Digital Design Reconsidered : Proceedings of the 41st Conference on Education and Research in Computer Aided Architectural Design in Europe ; vol. 2 Proceedings of the International Conference on Education and Research in Computer Aided Architectural Design in Europe 2023 / p. 105-114 <https://doi.org/10.52842/conf.ecaade.2023.2.105> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Editorial: Trustworthy AI for healthcare

Agafonov, Oleg; Babic, Aleksandar; **Da Costa Sousa, Sonia Claudia;** Alagaratnam, Sharmini Frontiers in Digital Health 2024 / art. 1427233 <https://doi.org/10.3389/fdgth.2024.1427233> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Eesti inimene võtab uue tehisaru-lahenduse vastu sakslasest soojemalt

Harrik, Airika novaator.err.ee 2024 [Eesti inimene võtab uue tehisaru-lahenduse vastu sakslasest soojemalt](#)

Effective algorithms for dynamic quality tests of A/D converters using step-wise approximated multi-cycle sine wave

Land, Raul Proceedings of the 6th European Workshop on ACD Modelling and Testing : 13-14 Sept., 2001 : Lisbon, Portugal 2001 / p. 96-100 <https://www.imeko.org/index.php/proceedings/5494-effective-algorithms-for-dynamic-quality-tests-of-a-d-converters-using-step-wise-approximated-multi-cycle-sine-wave>

Efficient event log mining with LogClusterC

Zhuge, Chen; **Vaarandi, Risto** The Third IEEE International Conference on Big Data Security on Cloud, IEEE BigDataSecurity 2017 : The Third IEEE International Conference on High Performance and Smart Computing, IEEE HPSC 2017 : The Second IEEE International Conference on Intelligent Data and Security, IEEE IDS 2017 : proceedings : 26-28 May 2017, Beijing, China 2017 / p. 261-266 : tab <http://doi.org/10.1109/BigDataSecurity.2017.26>

Efficient fixed-switching modulated finite control set-model predictive control based on artificial neural networks

Bakeer, Abualkasim Ahmed Ali; Alhasheem, Mohammed; Peyghami, Saeed Applied Sciences (Switzerland) 2022 / art. 3134 <https://doi.org/10.3390/app12063134> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An efficient systolic array algorithm for memory-based VLSI array implementation of DST

Chiper, Doru-Florin BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 265-268: ill

Efficient topic detection using an adaptive neural network architecture

Ben Yahia, Sadok; Manai, Meriem Advances in Information Systems, Artificial Intelligence and Knowledge Management(ICIKS 2023) 2024 / p. 145-157 https://doi.org/10.1007/978-3-031-51664-1_10 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#) [Article at WOS](#)

Enefit oil factory (Enefit 280 and Enefit 280-2) plant controller algorithm

Sarnet, Tanel; Kilter, Jako 2022

Energy storage and forecasting error impact analysis in photovoltaic equipped residential nano-grids

Hokmabad, Hossein Nourollahi; Husev, Oleksandr; Belikov, Juri; Vinnikov, Dmitri; Petlenkov, Eduard 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p.

<https://doi.org/10.1109/CPE-POWERENG58103.2023.10227406>

Energy-aware task scheduling and offloading using deep reinforcement learning in SDN-enabled IoT network

Sellami, Bassem; Hakiri, Akram; **Ben Yahia, Sadok**; Berthou, Pascal Computer networks 2022 / art. 108957, 12 p. : ill

<https://doi.org/10.1016/j.comnet.2022.108957> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enhancing assertion-based verification in hardware designs through data mining algorithms = Andmekaeve algoritmid kasutamine riistvarasüsteemide väidete-põhise verifitseerimise parendamiseks

Heidari Iman, Mohammad Reza 2024 <https://digikogu.taltech.ee/et/Item/622f3660-e890-454d-aa85-7cc505557f77>

<https://doi.org/10.23658/taltech.37/2024> https://www.ester.ee/record=b5694015*est

Enhancing cerebral palsy gait analysis with 3D computer vision : a dual-camera approach

Valla, Elli; Kanter, Gert; Nõmm, Sven; Kuusk, Anton Osvald; Maran, Peeter; Seenmaa, Karl Mihkel; Mägi, Killu; Toomela, Aaro

2024 10th International Conference on Control, Decision and Information Technologies (CoDIT) 2024 / p. 1352-1357

<https://doi.org/10.1109/CoDIT62066.2024.10708137> [Article at Scopus](#)

Enhancing fingerprinting-based 5G positioning accuracy with directionally transmitted synchronization signals

Müürsepp, Ivo; Alam, Muhammad Mahtab 2024 19th Biennial Baltic Electronics Conference (BEC) 2024 / 6 p.

<https://doi.org/10.1109/BEC61458.2024.10737987> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Ensembles of k-nearest neighbors and dimensionality reduction

Okun, Oleg; Priisalu, Helen 2008 IEEE International Joint Conference on Neural Networks. Vols 1-8 2008 / p. 2032-2039

<https://ieeexplore.ieee.org/document/4634077>

Error-free simplification of transparent Mamdani systems

Riid, Andri; Saastamoinen, Kalle; Rüstern, Ennu 2008 / p. 2-8 - 2-13 <https://ieeexplore.ieee.org/document/4670399>

Estimation of real-time demands on the basis of pressure measurements by different optimization methods

Vassiljev, Anatoli; Koppel, Tiit Advances in engineering software 2015 / p. 67-71 : ill <https://doi.org/10.1016/j.advengsoft.2014.09.023>

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

Estonian research team develops an algorithm for safer self-driving cars [Online resources]

Tambur, Silver estonianworld.com 2022 [An Estonian research team develops an algorithm for safer self-driving cars](#)

Evaluation of matrix seriation algorithms

Liiv, Innar Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.-26. aprill

2008, Voore külalistemaja 2008 / p. 33-34

Evaluation of the quality of rate adaption algorithms for cardiac pacing

Lass, Jaanus; Kaik, Jüri; Meigas, Kalju; Hinrikus, Hiie; Blinowska, A. Europace 2001 / p. 221-228 : ill

Exact static compaction of independent test sequences

Raik, Jaan; Jutman, Artur; Ubar, Raimund-Johannes BEC 2002 : proceedings of the 8th Biennial Baltic Electronics Conference :

October 6-9, 2002, Tallinn, Estonia 2002 / p. 315-318 : ill

Exact static compaction of sequential circuit tests using branch-and-bound and search state registration

Raik, Jaan; Jutman, Artur; Ubar, Raimund-Johannes ETW'02 : 7th IEEE European Test Workshop, Gorfú Greece, May 26-29,

2002 : informal digest 2002 / p. 19-20

https://www.researchgate.net/publication/250423148_Exact_Static_Compaction_of_Sequential_Circuit_Tests_Using_Branch_and-Bound_and_Search_State_Registration

An exhaustive multi-aspect analysis of swarm intelligence algorithms in numerical association rule mining

Kaushik, Minakshi; Sharma, Rahul; Koiva, Pilleriin; Fister, Iztok; Draheim, Dirk IEEE Access 2024 / p. 138985 - 139002

<https://doi.org/10.1109/ACCESS.2024.3417334> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An experiment : finding parents for parentless synsets by means of CILI

Lohk, Ahti; Rebane, Martin; Orav, Heili GWC 2023 : proceedings of the 12th Global Wordnet Conference, 23–27 Jan, 2023,

Donostia-San Sebastian, Basque Country 2023 / p. 295–302 <https://aclanthology.org/2023.gwc-1.36>

Experimental comparison of different diagnosis algorithms in the BIST environment

Ubar, Raimund-Johannes; Kostin, Sergei; Raik, Jaan; Kruus, Margus Proceedings of the 16th IASTED International

Conference on Applied Simulation and Modelling : August 29-31, 2007, Palma de Mallorca, Spain 2007 / p. 271-276 : ill

https://www.researchgate.net/publication/262275431_Experimental_comparison_of_different_diagnosis_algorithms_in_the_BIST_environment

An experimental comparison of heuristic coloring algorithms in terms of found color classes on random graphs

Kumlander, Deniss; Kulitškov, Aleksei WCGO 2019: Optimization of Complex Systems: Theory, Models, Algorithms and

Applications 2020 / p. 365-375 https://doi.org/10.1007/978-3-030-21803-4_37 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Experimental water treatment systems control and monitoring via multipoint interface

Rosin, Argo; Lehtla, Tõnu BEC 2002 : proceedings of the 8th Biennial Baltic Electronics Conference : October 6-9, 2002, Tallinn, Estonia 2002 / p. 397-400 : ill

Experiments with LLMs for converting language to logic

Tammet, Tanel; Järv, Priit; Verrev, Martin; Draheim, Dirk Neural-Symbolic Learning and Reasoning : 18th International Conference, NeSy 2024, Barcelona, Spain, September 9–12, 2024, Proceedings, Part II 2024 / p. 305 - 314
https://doi.org/10.1007/978-3-031-71170-1_24 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Explainable federated learning for Botnet Detection in IoT networks

Kalakoti, Rajesh; Bahsi, Hayretidin; Nömm, Sven Proceedings of the 2024 IEEE International Conference on Cyber Security and Resilience (CSR), September 2-4, 2024, London, UK 2024 / p. 22-29 <https://doi.org/10.1109/CSR61664.2024.10679348> [Article at Scopus](#) [Article at WOS](#)

An exploration of quantitative models and algorithms for vehicle routing optimization and traveling salesman problems

Lähdeaho, Oskari; **Hilmola, Olli-Pekka Kristian** Supply chain analytics 2024 / art. 100056 <https://doi.org/10.1016/j.sca.2023.100056>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Extended observer form for nonlinear system with disturbances : Algorithm and application

Kaparin, Vadim; Simha, Ashutosh; Chowdhury, Nilanjan Roy; Kotta, Ülle; Levron, Yoash; Belikov, Juri 2024 18th International Conference on Control, Automation, Robotics and Vision (ICARCV) 2024 <https://doi.org/10.1109/ICARCV63323.2024.10821609>

Extended observer form with vector fields

Mullari, Tanel; Kotta, Ülle; Kaldmäe, Arvo; Kaparin, Vadim; Simha, Ashutosh International journal of control 2024 / p. 2399 - 2412
<https://doi.org/10.1080/00207179.2023.2274060> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fast and efficient static compaction of test sequences based on greedy algorithms

Raik, Jaan; Jutman, Artur; Ubar, Raimund-Johannes IEEE Design and Diagnostics of Electronic Circuits and Systems - IEEE DDECS 2001 : Fourth International Workshop on IEEE Design and Diagnostics of Electronic Circuits and Systems : Győr, Hungary, April 18-20, 2001 2001 / p. 117-122 https://slideplayer.com/slide/9971880/#google_vignette

Fast path-oriented strategy for power system restoration

Liang, Bomiao; Xu, Yan; **Wen, Fushuan; Palu, Ivo; Liu, Weijia; Shan, Huiyu** 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 / 8 p <https://doi.org/10.1109/PQ.2019.8818244>

Fault oriented test pattern generation for sequential circuits using genetic algorithms

Ivask, Eero; Raik, Jaan; Ubar, Raimund-Johannes IEEE European Test Workshop 2000 / p. 319-320

Fault simulation with parallel exact critical path tracing in multiple core environment

Gorev, Maksim; Ubar, Raimund-Johannes; Devadze, Sergei 2015 Design, Automation & Test in Europe Conference & Exhibition (DATE) : proceedings 2015 / p. 1180-1185 : ill

Fed-batch fermentation controller design with evolutionary computation

Riid, Andri; Rüstern, Ennu CSTST '08 Proceedings of the 5th international conference on Soft computing as transdisciplinary science and technology 2008 / p. 371-377 : ill

A finite feedback linearization algorithm for nonlinear control systems

Kaldmäe, Arvo Proceedings of the 8th Annual Conference of the Estonian National Doctoral School in Information and Communication Technologies : December 5-6, 2014, Rakvere 2014 / p. 53-56 https://www.ester.ee/record=b4440332*est

Finite model building : improvements and comparisons

Tammet, Tanel Proceedings of the CADE-19 workshop "Model Computation - Principles, Algorithms, Applications" : Miami, FL, USA, 2003 2003 / p. 81-90 https://www.researchgate.net/publication/244104344_Finite_model_building_improvements_and_comparisons

Forecasting of energy consumption and production using recurrent neural networks

Shabbir, Noman; Kütt, Lauri; Jawad, Muhammad; Iqbal, Muhammad Naveed; Shams Ghahfarokhi, Payam Advances in electrical and electronic engineering 2020 / p. 190–197 <https://doi.org/10.15598/aece.v18i3.3597> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Forecasting of wind speed and power through FFNN and CFNN using HPSOBA and MHP SO-BAACs techniques

Ellahi, Manzoor; Usman, Muhammad Rehan; Arif, Waqas; Usman, Hafiz Fuad; Khan, Waheed A.; Satrya, Gandeve Bayu; **Daniel, Kamran; Shabbir, Noman** Electronics 2022 / art. 4193 <https://doi.org/10.3390/electronics11244193> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Formation and processing of the orthogonal sounding signals in multichannel sonars

Duhnik, Alina; Koževnikov, Valeri BEC 2002 : proceedings of the 8th Biennial Baltic Electronics Conference : October 6-9, 2002, Tallinn, Estonia 2002 / p. 191-194 : ill

Fractional Fourier transform-based signal separation for ultrasonic guided wave inspection of plates

Peng, Chengxiang; Annus, Paul; Rist, Marek; Land, Raul; Ratassepp, Madis Sensors 2024 / art. 7564

<https://doi.org/10.3390/s24237564> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A framework for solving hard variants of stable matching within a limited time

Veskioja, Tarmo; Võhandu, Leo Proceedings of the IADIS International Conference : Applied Computing 2004 : Lisbon, Portugal, March 23-26, 2004 2004 / p. II-177 - II-182

https://www.researchgate.net/publication/254104997_A_FRAMEWORK_FOR_SOLVING_HARD_VARIANTS_OF_STABLE_MATCHING_WITHIN_A_LIMITED_TIME

Frequent pattern mining as a clique extracting task

Kuusik, Rein, inform.; Lind, Grete; Võhandu, Leo SCI 2004 : the 8th World Multi-Conference on Systemics, Cybernetics and Informatics : July 18-21, 2004, Orlando, Florida, USA. Volume 4 2004 / p. 425-428

<https://www.scitepress.org/Papers/2004/26229/26229.pdf>

From determinacy analysis to zero factor free determinacy analysis and universal generator of hypotheses : development of algorithms = Determinatsioonanalüüsist nullfaktorivaba determinatsioonanalüüsi ja universaalse hüpoteeside generaatorini : algoritmid arendus

Lind, Grete 2017 <https://digi.lib.ttu.ee/i/?9121> https://www.ester.ee/record=b4743672*est

FSM decomposition using shift registers

Kruus, Margus; Lensen, Harri The 7th Biennial Conference on Electronics and Microsystem Technology "Baltic Electronics Conference" : BEC 2000 : October 8 - 11, 2000, Tallinn, Estonia : conference proceedings 2000 / p. 141-144 : ill

Fully automated tuning of microwave coaxial cavity filters = Mikrolaine-koaksiaalfiltrite täisautomaatne häälestamine

Sekhri, Even 2024 https://www.ester.ee/record=b5685094*est <https://digikogu.taltech.ee/et/Item/38784e65-568e-4dd9-aef9-bb5eec5a2a9c> <https://doi.org/10.23658/taltech.20/2024>

Fuzzy classification algorithms for diagnosing the CNS vigilance levels

Raja, Aimur; Meister, Ants BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 315-316: ill

Fuzzy classification algorithms with some applications

Raja, Aimur; Meister, Ants; Martverk, Peep 9. Symposium Maritime Elektronik : Arbeitskreis Maritime Mess- und Informationselektronik 1998 / S. 113-116: ill

Future power system out-of-step protection concept utilizing synchronized phasor measurements = Tuleviku elektrisüsteemi faasimõõtmistel põhinev sünkronismikaotuskaitse kontseptsioon

Tealane, Marko 2023 <https://doi.org/10.23658/taltech.9/2023> <https://digikogu.taltech.ee/et/Item/159731eb-e93e-4892-875f-3806cd16e64c> https://www.ester.ee/record=b5542953*est

gapFinisher : a reliable gap filling pipeline for SSPACE-LongRead scaffolder output

Kammonen, Juhana I.; Smolander, Olli-Pekka; Paulin, Lars PLoS ONE 2019 / art. e0216885, 21 p. : ill

<https://doi.org/10.1371/journal.pone.0216885> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Geneetilised algoritmid

Ivask, Eero A & A 1999 / 1, lk. 33-39: ill

A generating CAI system

Võhandu, Priit; Regi, Kai Data processing, compiler writing, problems of programming 1989 / p. 59-64

Geodesic equations for guided wave helical path separation for a pipe bend

Rasgado Moreno, Carlos Omar; Ratassepp, Madis Mechanical systems and signal processing 2023 / art. 110820

<https://doi.org/10.1016/j.ymssp.2023.110820> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Global 3D map merging methods for robot navigation = 3D globaalkaardi ühendamise meetodid roboti navigeerimiseks

Shvarts, Dmitry 2013 https://www.ester.ee/record=b2967928*est

Graafid ja järjestused

Buldas, Ahto Arvutustehnika ja Andmetöötlus 1995 / 2, lk. 2-8: ill

Grammatikate tuletus ja automaatide induktsoon

Küngas, Peep A & A 2001 / 4, lk. 17-21 ; 5, lk. 27-38 https://artiklid.elnet.ee/record=b1007647*est

Graphical tuning for robust stabilization : implementable stability regions for fractional-order proportional integral controllers in interval fractional-order systems

Ghorbani, Majid; Farnam, Arash; **Tepljakov, Aleksei**; **Petlenkov, Eduard**; Crevecoeur, Guillaume; Eskandarian, Azim 2024 IEEE 63rd Conference on Decision and Control (CDC) 2024 / p. 8902 - 8907 <https://doi.org/10.1109/CDC56724.2024.10885794> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Greedy alternative for the static compaction of sequential circuit test sequences

Raik, Jaan The 7th Biennial Conference on Electronics and Microsystem Technology "Baltic Electronics Conference" : BEC 2000 : October 8 - 11, 2000, Tallinn, Estonia : conference proceedings 2000 / p. 133-136 : ill

Grey wolf optimizer-based task scheduling for IoT-based applications in the edge computing

Satouf, Aram; Hamidoglu, Ali; Gul, Omer Melih; **Kuusik, Alar** 2023 Eighth International Conference on Fog and Mobile Edge Computing (FMEC) 2023 / p. 53-57 <https://doi.org/10.1109/FMEC59375.2023.10306148>

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

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

Hardware implementation of recursive algorithms

Mihhailov, Dmitri; Sklyarov, Valery; Skliarova, Ioulia; **Sudnitsõn, Aleksander** 53rd IEEE International Midwest Symposium on Circuits and Systems : Seattle, Washington, USA, August 1-4, 2010 : proceedings 2010 / p. 225-228 <https://ieeexplore.ieee.org/document/5548674>

Hardware implementation of recursive sorting algorithms

Mihhailov, Dmitri; Sklyarov, Valery; Skliarova, Ioulia; **Sudnitsõn, Aleksander** 2011 International Conference on Electronic Devices, Systems and Applications (ICEDSA) : Kuala Lumpur, Malaysia, April 25-27, 2011 : [proceedings] 2011 / p. 33-38 : ill <https://ieeexplore.ieee.org/document/5959040>

Hardware implementation of recursive sorting algorithms using tree-like structures and HFSM models = Rekursiivsete sortimisalgoritmide riistvaraline realiseerimine kasutades puulaadseid struktuure ja HFSM mudeleid

Mihhailov, Dmitri 2011 https://www.ester.ee/record=b2748823*est

Hea muusikasoovitus arvestab, kellega koos inimene muusikat kuulab [Võrguväljaanne]

Harrik, Airika novaator.err.ee 2021 ["Hea muusikasoovitus arvestab, kellega koos inimene muusikat kuulab"](https://www.ester.ee/record=b2748823*est)

Heuristic algorithms for weighted graph partitioning

Aasma, Allan BEC 2004 : Baltic Electronics Conference : Post-Graduate Student Session : Tallinn University of Technology, October 3-6, 2004, Tallinn, Estonia 2004 / p. 9 : ill

A hierarchical algorithm of acoustic noise analysis for moving vehicle detection and classification

Astapov, Sergei Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK viienda aastakonverentsi artiklite kogumik : 25.-26. novembril 2011, Nelijärve 2011 / p. 51-54 : ill https://www.ester.ee/record=b2734740*est

Hierarchical language for development of distributed algorithms

Kaldma, Tarmo The 3rd Baltic Summer School on Information Technology and Systems Engineering, 1-5 August, 1995, Klaipeda : theses 1995 / p. 25-28

Hierarchical language for development of distributed algorithms

Kaldma, Tarmo Proceedings of the Fourth Symposium on Programming Languages and Software Tools, Visegrad, Hungary, June 9-10, 1995 1995 / p. 195-208

Hierarchical test generation for digital circuits represented by Decision Diagrams : thesis on informatics and system engineering

Raik, Jaan 2001 https://www.ester.ee/record=b1578107*est

High-performance hardware accelerators for sorting and managing priorities

Sklyarov, Valery; Skliarova, Ioulia; **Mihhailov, Dmitri**; **Sudnitsõn, Aleksander** Proceedings of the 2011 IEEE Symposium on Design and Diagnostics of Electronic Circuits and Systems : April 13-15, 2011, Gottbus, Germany 2011 / p. 313-318 : ill <https://ieeexplore.ieee.org/document/5783103>

Hiidarvude teguriteks lahutamisest

Võhandu, Leo Arvutustehnika ja Andmetöötlus : A&A 1989 / lk. 30-33 https://www.ester.ee/record=b1071940*est

Hilbert transform, an effective replacement of Park's vector modulus for the detection of rotor faults

Asad, Bilal; Vaimann, Toomas; Kallaste, Ants; Rassõlkin, Anton; 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.2019.8818227>

HLS-based optimization of tau triggering algorithm for LHC: a case study

Cherezova, Natalia; Mihhailov, Dmitri; Devadze, Sergei; Jutman, Artur 2022 18th Biennial Baltic Electronics Conference (BEC) 2022 / 6 p. : ill <https://doi.org/10.1109/BEC56180.2022.9935599>

How do algorithms change the way we work?

Holts, Kaire TheOtherSchool 2021 [How Do Algorithms Change The Way We Work?](#)

How ICT will influence public administration as a scholarly discipline

Drechsler, Wolfgang Administrative culture = Halduskultuur = Административная культура = Verwaltungskultur = Hallintokulttuuri. Vol. 16, no. 1 2015 / p. 68-82 <https://halduskultuur.eu/journal/index.php/HKAC/article/view/133> [Journal metrics at Scopus](#) [Article at Scopus](#)

How the Anti-TrustRank algorithm can help to protect the reputation of financial institutions

Astrova, Irina Research Challenges in Information Science : 14th International Conference, RCIS 2020, Limassol, Cyprus, September 23-25, 2020 : Proceedings 2020 / p. 503-508 https://doi.org/10.1007/978-3-030-50316-1_30 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

How the apriori algorithm can help to find semantic duplicates in ontology

Astrova, Irina; Koschel, Arne; Lee, Su Ling Knowledge-Based Software Engineering: 2020 : Proceedings of the 13th International Joint Conference on Knowledge-Based Software Engineering (JCKBSE 2020), Larnaca, Cyprus, August 24-26, 2020 2020 / p. 178-191 https://doi.org/10.1007/978-3-030-53949-8_16

Huang, Jie; Chen, Ke-Han; Wang, Jin-Ju; Yan, Wen. Hyperspectral image denoising via weighted double sparsity total variation and low-rank representation : [review]

Henno, Jaak Zentralblatt MATH 2024 / 1 p. <https://zbmath.org/1546.94003>

Human limb model structure optimization with genetic algorithm

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

Human-robot interaction learning using timed automata

Vain, Jüri; Miyawaki, Fujio; Nõmm, Sven; Totskaya, Tatiana; Anier, Aivo ICCAS-SICE 2009 : ICROS-SICE International Joint Conference 2009 : Fukuoka City, Japan, August 18-21, 2009 : final program and papers 2009 / p. 2037-2043 <https://ieeexplore.ieee.org/document/5334368>

Hyperspectral/multispectral imaging methods for quality control

Liyanage, Dhanushka Chamara; Tamre, Mart; Hudjakov, Robert Handbook of research on new investigations in artificial life, AI, and machine learning 2022 / p. 438-461 <https://doi.org/10.4018/978-1-7998-8686-0.ch017>

Identifying entrepreneurial discovery processes with weak and strong technology signals: a text mining approach

Bzhalava, Levan; Kaivo-Oja, Jari; Hassan, Sohaib S.; Gerstlberger, Wolfgang Dieter Open Research Europe 2022 / art. 26 <https://open-research-europe.ec.europa.eu/articles/2-26/v2> <https://doi.org/10.12688/openreseurope.14499.2> [Journal metrics at Scopus](#) [Article at Scopus](#)

Image based counterfeit coin validation

Gavrijaševa, Alina; Märten, Olev BEC 2014 : 2014 14th Biennial Baltic Electronics Conference : proceedings of the 14th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 6-8, 2014, Tallinn, Estonia 2014 / p. 153-156 : ill

Implementation and performance evaluation of quantum-inspired clustering scheme for energy-efficient WSNs

Uthayakumar, Chindiyababy; Jayaraman, Ramkumar; Raja, Hadi Ashraf; Daniel, Kamran Sensors 2025 / art. 5872 <https://doi.org/10.3390/s25185872> <https://www.mdpi.com/3507118>

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 of address-based data sorting on different FPGA platforms

Sudnitsõn, Aleksander; Mihhailov, Dmitri; Sklyarov, Valery; Skliarova, Iuliia Proceedings of IEEE East-West Design & Test Symposium (EWDTS'2012) : Kharkov, Ukraine, September 14-17, 2012 2012 / p. 38-41 <https://www.semanticscholar.org/paper/Implementation-of-address-based-data-sorting-on-Mihhailov-Sudnitsõn/e9294d725ab92a2d2a51ccb44fc47e80798bc071>

Implementation of sorting algorithms in reconfigurable hardware

Skliarova, Ioulia; Sklyarov, Valery; Mihhailov, Dmitri; Sudnitsõn, Aleksander 2012 IEEE Mediterranean Electrotechnical Conference (MELECON 2012) : Yasmine Hammamet, Tunisia, March 25-28, 2012 / p. 107-110 : ill <https://ieeexplore.ieee.org/document/6196391>

The implication of Artificial Intelligence based systems and human interactions in the workplace

Tsiskaridze, Rusudan; Reinhold, Karin; Järvis, Marina AI IN BUSINESS : proceedings of the scientific workshop on business implications of artificial intelligence, June 7, 2022 / p. 23-25 : ill https://www.ester.ee/record=b5506022*est
<https://digikogu.taltech.ee/et/Item/2096bada-661d-4928-99a7-bfbce51825d8>

Improved interpolation kernels for super resolution algorithms

Rasti, Pejman; Orlova, Olga; Tamberg, Gert; Ozcinar, Cagri 2016 Sixth International Conference on Image Processing Theory, Tools and Applications : IPTA 2016, Oulu, Finland, December 2016 / [6] p. : ill <https://doi.org/10.1109/IPTA.2016.7820980>

Improved modeling of audio signals by modifying transient locations

Vafin, Renat; Heusdens, Richard; Par, Steven van de; Kleijn, W. Bastiaan Proceedings of the 2001 IEEE Workshop on Applications of Signal Processing to Audio and Acoustics : October 21-24, 2001, Mohonk Mountain House, New Paltz, New York, USA 2001 / p. 143-143 : ill <https://ieeexplore.ieee.org/document/969563>

Improvement of timber code reading methods

Juurma, Märt; Tamre, Mart Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [11] 2010 / p. 548-553 : ill

Improving the maximum clique finding applications by using artificial intelligence principles

Kumlander, Deniss WSEAS transactions on computers 2006 / 8, p. 1726-1732
https://www.researchgate.net/publication/288446461_Improving_the_maximum_clique_finding_applications_by_using_artificial_intelligence_principles

Improving the maximum-weight clique algorithm for the dense graphs

Kumlander, Deniss Proceedings of the WSEAS Conference : 10th WSEAS Conference on Computers : Vouliagmeni, Athens, Greece, July 10-15, 2006 / p. 938-943

Incomplete solution approach for the maximum clique finding in the real-time systems

Kumlander, Deniss Proceedings of the IASTED International Conference on Artificial Intelligence and Applications 2006 / p. 75-79
https://www.researchgate.net/publication/221173835_Incomplete_Solution_Approach_for_the_Maximum_Clique_Finding_in_the_Real_Time_Systems

Industrial data analytics in manufacturing shop floor level

Moor, Madis; Pakkanen, Jarkko; Raamets, Tõnis; Mahmood, Kashif; Riives, Jüri Modern materials and manufacturing 2023 : Tallinn, Estonia, 2-4 May 2023 / art. 030006 <https://doi.org/10.1063/5.0189502> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Initial design estimation of synchronous machines

Naseer, Muhammad Usman; Kallaste, Ants; Asad, Bilal; Vaimann, Toomas; Rassõlkin, Anton International Workshop on Electric Drives: Optimization in Control of Electric Drives (IWED) 2022 <https://doi.org/10.1109/IWED54598.2022.9722585>

Innovatiivsed lahendused hoone elektrisüsteemis: struktuuri modelleerimine, lahenduse realiseerimise majanduslikud ja tehnilised aspektid, lõpliku variandi valiku algoritm

Saikovski, Valeri TEUK XIII : taastuvate energiaallikate uurimine ja kasutamine : kolmeteistkümnenda konverentsi kogumik : [10. november 2011, Tartu] = Investigation and usage of renewable energy sources : thirteenth conference proceedings : [10. November 2011, Tartu] 2011 / lk. 143-156 : ill

Interpretability improvement of fuzzy rule-based classifiers via rule compression

Riid, Andri; Preden, Jürjo-Sören International Joint Conference IFSA-EUSFLAT : June 30th - July 3rd, Gijón, Asturias (Spain) 2015 / p. 162-169 : ill <http://dx.doi.org/10.2991/ifsa-eusflat-15.2015.26>

Interpretability improvement of Fuzzy systems : reducing the number of unique singletons in Zeroth order Takagi-Sugeno systems

Riid, Andri; Rüstern, Ennu WCCI 2010 IEEE World Congress on Computational Intelligence : July, 18-23, Barcelona, Spain : proceedings 2010 / p. 2913-2018 : ill <https://citeseerx.ist.psu.edu/document?repid=rep1&type=pdf&doi=2d2002fb7518da488fde49a2eeeb7a109438a04c>

Intersection between Bezier curves : implicitization conception

Piroženko, Aleksander 1995 https://www.ester.ee/record=b1067580*est

Investigation of phase coupling of harmonic signal components using third order statistics and classification based on learning vector quantization

Lossmann, Eerik; Meister, Ants BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 143-146: ill

Joint optimization via deep reinforcement learning in wireless networked controlled systems

Ashraf, Kanwal; Le Moullec, Yannick; Pardy, Tamas; Rang, Toomas IEEE Access 2022 / p. 67152-67167

<https://doi.org/10.1109/ACCESS.2022.3185244> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Kalman-filter based maximum power point tracking for a single-stage grid-connected photovoltaic system

Farrokhi, Ehsan; Ghoreishy, Hoda; **Ahmadihangar, Roya; Rosin, Argo** IECON 2021 – 47th Annual Conference of the IEEE Industrial Electronics Society 2021 / Code 173927 <https://doi.org/10.1109/IECON48115.2021.9589653> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Kas AI-d on võimalik diskrimineerida? Teemat lahkab TalTechi professor doktor Kristi Joamets

Joamets, Kristi geenius.ee 2024 [Kas AI-d on võimalik diskrimineerida? Teemat lahkab TalTechi professor doktor Kristi Joamets](#)

Kas masin võtab lihtsa kohtupidamise üle? Tehisintellektist saab peagi Eesti juristide abimees

Kallas, Riina Director. Inseneeria 2017 / lk. 112-116 : fot http://www.ester.ee/record=b1519314*est
https://artiklid.elnet.ee/record=b2824270*est

Kas võime valitsemise anda andmetele ja algoritmidele? [Võrguväljaanne]

Himma, Marju novaator.err.ee 2019 / fot

Keerdülesannetest kehtestatavuseni

Võhandu, Leo A & A 2004 / 6, lk. 34-47 : ill https://artiklid.elnet.ee/record=b1017273*est

Keerukuspraktikast

Leis, Paul Arvutustehnika ja Andmetöötlus 1996 / 10, lk. 7-21; 11, lk. 9-18; 12, lk. 16-23: ill

Klassidiagrammide automaatpaigutus

Kuusik, Ago 1994 https://www.ester.ee/record=b2111062*est

Knowledge-based signal smoothing

Dobrowiecki, Tadeusz; Wahab, Abdulrahim 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 / Tallinna Tehnikaülikool 1992 / p. 108-121: ill https://www.ester.ee/record=b1064034*est

Kolm professorit versus ChatGPT

Russak, Ülo Harju Elu 2023 / Lk. 3 <https://dea.digar.ee/article/harjuelu/2023/04/14/4.1> [Kolm professorit versus ChatGPT](#)

Krüptoloogia massidesse: algoritm DES

Praust, Valdo Arvutimaailm 1994 / 8, lk. 17-19: ill

Kuidas naturaalarve teguriteks lahutada?

Võhandu, Leo A & A 2006 / 2, lk. 53-57 https://artiklid.elnet.ee/record=b1019103*est

Kuidas ökonoomsemalt lahendada lineaarse planeerimise ülesannet?

Übi, Evald Aastaraamat 2012 / Eesti Matemaatika Selts 2014 / lk. 32-41

Kujundite eristamise ülesannete kasutamine tootmise tehnoloogilises ettevalmistamises

Tuppits, Juhan 1973 https://www.ester.ee/record=b5718302*est

Kujutava geomeetria ülesannete lahendamise algoritmi üldistamine

Bondaruk, E.; Strizak, Tatjana XXXII üliõpilaste teaduslik-tehnilise konverentsi ettekannete teesid : pühendatud V. I. Lenini 110. sünniaastapäevale : 16.-18. aprill 1980 1981 / lk. 87 https://www.ester.ee/record=b1322611*est

Kvaasijuhuslike jadade mõnede omaduste eksperimentaalne uurimine

Stepatšova, T.; Kiitam, Andres XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 49-50 https://www.ester.ee/record=b2449987*est

Layer growing/removing method for determination of residual stresses in orthotropic non-homogeneous cylinders

Kõo, Jakob; Valgur, J. Proceedings of the 57th Annual Conference on Applications of X-ray Analysis [Denver X-ray Conference] and the 8th International Conference on Residual Stresses : 4-8 August 2008, Denver, Colorado, USA 2009 / p. 352-359 : ill https://www.researchgate.net/publication/250346582_Layer_GrowingRemoving_Method_for_Determination_of_Residual_Stresses_in_Thin_Orthotropic_Inhomogeneous_Discs

Lean formalization of extended regular expression matching with lookarounds

Zhuchko, Ekaterina; Veanes, Margus; Ebner, Gabriel CPP 2024 - Proceedings of the 13th ACM SIGPLAN International Conference on Certified Programs and Proofs, Co-located with: POPL 2024 2024 / p. 118 - 131 <https://doi.org/10.1145/3636501.3636959> [Article at Scopus](#) [Article at WOS](#)

Legal engineering of the anti-abuse rule in ATAD : architecture of the regression tree model

Künnapas, Kaido TalTech journal of European studies 2021 / p. 65-82 : ill https://www.ester.ee/record=b5290032*est

Lihtsaim NP-keeruline ülesanne

Veski, Andre A & A 2009 / 2, lk. 51-56 : ill https://artiklid.elnet.ee/record=b1451686*est

Liitobjektide identifitseerimisest distantmeetodil : magistritöö

Sullakatk, Toomas 1992 https://www.ester.ee/record=b2629856*est

Lineaarse süsteemi parameetrite optimeerimise algoritmide uurimine

Matskin, M.; Rüstern, Ennu XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 48 https://www.ester.ee/record=b2449987*est

Linear algorithms for recognizing and parsing superpositional graphs

Peder, Ahti; Nestra, Härmel; **Raik, Jaan; Tombak, Mati; Ubar, Raimund-Johannes** Facta Universitatis [Niš]. Series electronics and energetics 2011 / p. 325-339 : ill <http://dx.doi.org/10.2298/FUEE1103325P>

Linear algorithms for testing superpositional graphs

Peder, Ahti; Nestra, Härmel; **Raik, Jaan; Tombak, Mati; Ubar, Raimund-Johannes** Proceedings of the Reed-Muller 2011 Workshop : May 25-26, 2011, Tuusula, Finland 2011 / p. 111-118 : ill

LogCluster - a data clustering and pattern mining algorithm for event logs

Vaarandi, Risto; Pihelgas, Mauno 11th International Conference on Network and Service Management, CNSM 2015 : Barcelona, Spain, November 9-13, 2015 2015 / p. 1-7

LQG problem of descriptor systems and separation principle

Nosrati, Komeil; Belikov, Juri; Tepljakov, Aleksei; Petlenkov, Eduard 2024 IEEE 63rd Conference on Decision and Control (CDC) 2024 / p. 1412 - 1417 <https://doi.org/10.1109/CDC56724.2024.10886178> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Maatriksalgoritmide tähtsusest ehitismehaanikas

Eek, Raimond Õppemetoodika küsimusi ; 10 1973 / lk. 79-86 https://www.ester.ee/record=b1346720*est

Machine learning clustering techniques for selective mitigation of critical design features

Lange, Thomas; **Balakrishnan, Aneesh;** Glorieux, Maximilien; Alexandrescu, Dan; Sterpone, Luca 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 / 7 p. : ill <https://doi.org/10.1109/IOLTS50870.2020.9159751>

Machine learning task as a diclique extracting task

Kuusik, Rein, inform.; Treier, Tarvo; Lind, Grete; Roosmann, Peeter 2009 Sixth International Conference on Fuzzy Systems and Knowledge Discovery : FSKD'09 : Tianjin, China, August 14-16, 2009. 1 2009 / p. 555-560 <https://ieeexplore.ieee.org/document/5358516>

Martínez-Guerra, Rafael; Montesinos-García, Juan Javier; Flores-Flores, Juan Pablo. Encryption and decryption algorithms for plain text and images using fractional calculus : [review]

Henno, Jaak Zentralblatt MATH 2024 / 1 p. <https://zbmath.org/1531.94002>

Mathematical programming via the least-squares method

Übi, Evald Central European journal of mathematics 2010 / 4, p. 795-806 <https://link.springer.com/article/10.2478/s11533-010-0049-9>

Mathematics of Program Construction : 8th International Conference, MPC 2006 : Kuressaare, Estonia, July 2006 : proceedings

Uustalu, Tarmo 2006 https://www.ester.ee/record=b2160527*est

Matrix reordering with monotonic systems : background, formulation, motivation and extensions

Liiv, Innar Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK teise aastakonverentsi artiklite kogumik : 11.-12. mai 2007, Viinistu kunstimuuseum 2007 / lk. 13-16 : ill

Maximum likelihood estimation of nominal direction of arrival and angular spread using an array of sensors

Trump, Tõnu; Ottersten, B. Proceedings COST 229 Final Workshop on Adaptive Systems, Intelligent Approaches, Massively Parallel Computing and Emergent Techniques in Signal Processing and Communications, Oct. 1994, Bayona (Vigo), Spain 1994 / p. 77-82

https://www.researchgate.net/publication/2686731_Maximum_Likelihood_Estimation_of_Nominal_Direction_of_Arrival_and_Angular_Spread_Using_an_Array_of_Sensors

A method for assessment of the general circulation model quality using the K-means clustering algorithm : a case study with GETM v2.5

Raudsepp, Urmas; Maljutenko, Ilja Geoscientific model development 2022 / p. 535-551 <https://doi.org/10.5194/gmd-15-535-2022>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal methods at WOS](#) [Article at WOS](#)

Methodologies on the mechatronics domain

Sell, Raivo; Leomar, Priit OST-03 Symposium on Machine Design 2003 / p. 53-59 : ill
https://www.researchgate.net/publication/259519138_Methodologies_on_the_Mechatronics_Domain

A methodology for automated mining of compact and accurate assertion sets

Heidari Iman, Mohammad Reza; Raik, Jaan; Jenihhin, Maksim; Jervan, Gert; Ghasempouri, Tara 2021 IEEE Nordic Circuits and Systems Conference (NorCAS) : Oslo, Norway, October 26-27 2021 / 7 p. : ill <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&number=9599865> <https://doi.org/10.1109/NorCAS53631.2021.9599865>

Metropolise algoritm kui muutumise vajaduse kriteerium

Pihlak, Margus Aastaraamat 2017 / Eesti Matemaatika Selts 2018 / lk. 45-53 : ill https://www.ester.ee/record=b1226018*est

Minimization of the high-level fault model for microprocessor control parts [Online resource]

Ubar, Raimund-Johannes; Oyeniran, Adeboye Stephen; Medaiyese, Olusiji BEC 2018 : 2018 16th Biennial Baltic Electronics Conference (BEC) : proceedings of the 16th Biennial Baltic Electronics Conference, October 8-10, 2018 2018 / 4 p.: ill
<https://doi.org/10.1109/BEC.2018.8600980>

Mobile smart contracts : exploring scalability challenges and consensus mechanisms

Deval, Vipin; Dwivedi, Vimal Kumar; Dixit, Abhishek; Norta, Alex; Shah, Syed Attique; Sharma, Rahul; Draheim, Dirk IEEE Access 2024 / p. 34265 - 34288 <https://doi.org/10.1109/ACCESS.2024.3371901> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Model checking emerging behavior properties of robot swarms

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

Model checking of emergent behaviour properties of robot swarms

Juurik, Silver; Vain, Jüri Proceedings of the Estonian Academy of Sciences 2011 / 1, p. 48-54 : ill
https://www.researchgate.net/publication/228525009_Model_checking_of_emergent_behaviour_properties_of_robot_swarms

Model learning for reactive motion planning in assisting robots

Vain, Jüri; Miyawaki, Fujio Modelling, Identification and Control (MIC2008) : February 11-13, 2008, Innsbruck, Austria 2008 / p. 596-809 <https://dl.acm.org/doi/10.5555/1722415.1722493>

Model predictive control for buck-boost inverter based on unfolding circuit

Matiushkin, Oleksandr; Husev, Oleksandr; Vinnikov, Dmitri; Roncero-Clemente, Carlos 2019 IEEE 2nd Ukraine Conference on Electrical and Computer Engineering : UKRCON-2019 : conference proceedings 2019 / p. 431-436 : ill
<https://doi.org/10.1109/UKRCON.2019.8879870>

Model predictive control of descriptor systems

Nosrati, Komeil; Belikov, Juri; Tepljakov, Aleksei; Petlenkov, Eduard IEEE Control Systems Letter 2024 / p. 2139 - 2144
<https://doi.org/10.1109/LCSYS.2024.3448310> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modeling and robust control algorithms for a linear belt driven system

Vu, Trieu Minh; Tamre, Mart; Sekhri, Even Open computer science 2018 / p. 142-153 : ill <https://doi.org/10.1515/comp-2018-0010>
[Journal metrics at Scopus](#) [Article at Scopus](#)

Modelling a new composite from a recycled GFRP

Kers, Jaan; Majak, Jüri Mechanics of composite materials 2008 / 6, p. 623-632 : ill
<https://ui.adsabs.harvard.edu/abs/2008MCM....44..623K/abstract>

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](#)

Modified high voltage gain soft-switched quasi-switched boost inverter

Abbasi Aghdam Meinagh, Farhad; Babaei, Ebrahim; Vinnikov, Dmitri; Chub, Andrii 2019 IEEE International Conference on Industrial Technology, ICIT 2019 : Melbourne, Australia, 13-15 February 2019 : proceedings 2019 / p. 1087-1092 : ill

Modified particle swarm optimization algorithm based on gravitational field interactions

Spitšakova, Margarita Proceedings of the Estonian Academy of Sciences 2016 / p. 15-27 : ill <https://doi.org/10.3176/proc.2016.1.01>
https://artiklid.elnet.ee/record=b2760709*est [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](#)

Monotone systems approach in inductive learning

Roosmann, Peeter; Võhandu, Leo; Kuusik, Rein, inform.; Treier, Tarvo; Lind, Grete International journal of applied mathematics and informatics 2008 / 2, p. 47-56 : ill <https://data laundering.com/download/ami-30.pdf>

Monotoonsed süsteemid ja nende rakendused [Võrguteavik]

Võhandu, Leo; Kuusik, Rein, inform.; Lind, Grete 2019 https://issuu.com/monotsys/docs/monotoonsed_s_steemid
<https://digi.lib.ttu.ee/1/13712>

Motor failure tolerant control system with self diagnostics for unmanned multirotors

Ambroziak, Leszek; **Simha, Ashutosh**; Pawluszewicz, Ewa; Kotta, Ülle 2019 24th International Conference on Methods and Models in Automation and Robotics (MMAR) 2019 / p. 422–427 : ill <https://doi.org/10.1109/MMAR.2019.8864726>

Multilevel models for data processing

Sklyarov, Valery; Skliarova, Ioulia; **Mihhailov, Dmitri; Sudnitsõn, Aleksander** 2011 IEEE GCC Conference and Exhibition (GCC) : February 19-22, 2011, Dubai, United Arab Emirates 2011 / p. 136-139

Multiplierless design of high-speed very large constant multiplications

Aksoy, Levent; Roy, Debapriya Basu; **Imran, Malik; Pagliarini, Samuel Nascimento** 2024 29th Asia and South Pacific Design Automation Conference (ASP-DAC 2024) 2024 / p. 957-962 <https://doi.org/10.1109/ASP-DAC58780.2024.10473954>

Multiplierless design of very large constant multiplications in cryptography

Aksoy, Levent; Roy, Debapriya Basu; **Imran, Malik**; Karl, Patrick; **Pagliarini, Samuel Nascimento** IEEE Transactions on Circuits and Systems II : Express Briefs 2022 / p. 4503-4507 <https://doi.org/10.1109/TCSII.2022.3191662> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mõningate sageduskarakteristikute aproksimeerimise algoritmid uurimine

Leonavišius, R.; Rüstern, Ennu XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 48 https://www.estar.ee/record=b2449987*est

Network IDS alert classification with active learning techniques

Vaarandi, Risto; Guerra-Manzanares, Alejandro Journal of Information Security and Applications 2024 / art. 103687
<https://doi.org/10.1016/j.jisa.2023.103687> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Neural network algorithms for the analyzing of QEEG and psychometrical/psychological data by chronic occupational neurotoxic [?] diseases of CNS

Tuulik, Viuu; Altrov, Epp; Riisalo, R.; **Meister, Ants; Raja, Aimur; Lossmann, Eerik** Euro Brain '97, 26-28 November 1997 : proceedings 1997 / p. 101-102

The neural network classification algorithms with applications to avaraged EEG data

Raja, Aimur; Tuulik, Viuu; Lossmann, Eerik; Meister, Ants The 7th Biennial Conference on Electronics and Microsystem Technology "Baltic Electronics Conference" : BEC 2000 : October 8 - 11, 2000, Tallinn, Estonia : conference proceedings 2000 / p. 347-348

Neuro-fuzzy dynamic pole placement control of nonlinear discrete-time systems

Belikov, Juri; Petlenkov, Eduard Proceedings of International Joint Conference on Neural Networks : San Jose, California, USA, July 31 – August 5, 2011 2011 / p. 1577-1582 : ill <https://ieeexplore.ieee.org/document/6033412>

New concepts of automatic answer evaluation in competence based learning

Umbleja, Kadri; Kuk, Vello; Jaanus, Martin; Udal, Andres 2014 IEEE Global Engineering Education Conference (EDUCON) : Istanbul, Turkey, April 2-5, 2014 2014 / p. 922-925 : ill

A new exact algorithm for the maximum-weight clique problem based on a heuristic vertex-coloring and a backtrack search

Kumlander, Deniss Modelling, Computation and Optimization in Information Systems and Management Sciences : Metz, France 2004 / p. 202-208

A new exact algorithm for the maximum-weight clique problem based on a heuristic vertex-coloring and a backtrack search

Kumlander, Deniss Proceedings of the Forth International Conference on Engineering Computational Technology 2004 / p. 137

New frequency pattern algorithm for data mining

Kuusik, Rein, inform.; Lind, Grete The 13th Turkish Symposium on Artificial Intelligence & Artificial Neural Networks : 10-11 June 2004, Izmir, Turkey 2004 / p. 47-54

A new modulated finite control set-model predictive control of quasi-Z-source inverter for PMSM drives

Ahmed, Abdelsalam A.; **Bakeer, Abualkasim Ahmed Ali**; Alhelou, Hassan Haes; Siano, Pierluigi; Mossa, Mahmoud A. Electronics (Switzerland) 2021 / art. 2814 <https://doi.org/10.3390/electronics10222814> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New operation strategy for a grid-connected three-phase three-level NPC qZS inverter based on power losses

Roncero-Clemente, Carlos; Romero-Cadaval, Enrique; **Husev, Oleksandr**; Martins, Joao Elektronika ir elektrotehnika = Electronics and electrical engineering 2016 / p. 60 - 65 <https://doi.org/10.5755/j01.eie.22.3.15316> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New photoplethysmographic signal analysis algorithm for arterial stiffness estimation

Pilt, Kristjan; Ferenets, Rain; Meigas, Kalju; Lindberg, Lars-Göran; **Temitski, Kristina; Viigimaa, Margus** The Scientific World Journal 2013 / art. 169035 <https://doi.org/10.1155/2013/169035> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A new test suite reduction approach based on hypergraph minimal transversal mining

Trabelsi, Shaima; Bennani, Mohamed Taha; **Ben Yahia, Sadok** Future Data and Security Engineering : 6th International Conference, FDSE 2019, Nha Trang City, Vietnam, November 27–29, 2019, Proceedings 2019 / p. 15-30 https://doi.org/10.1007/978-3-030-35653-8_2 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

Non-linear algorithms for processing biological signals

Cerutti, S.; Carraut, G.; Cluitmans, P.J.M.; Kinie, A.; **Lipping, Tarmo**; Nikolaidis, N.; Pitas, I.; Signorini, M.G. Computer methods and programs in biomedicine 1996 / 1/2, p. 51-73: ill

(Non)negotiable spaces of algorithmic governance : perceptions on the Ubenwa health app as a 'relocated' solution

Masso, Anu; Chukwu, Martha; Calzati, Stefano New media & society 2022 / p. 845–865 <https://doi.org/10.1177/14614448221079027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Normaaljaotuse imitaatorite võrdlev analüüs

Täht, H.; Kiitam, Andres XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 50 https://www.ester.ee/record=b2449987*est

The novel Copernicus Global dataset of atmospheric total water vapour content with related uncertainties from GNSS observations

Rannat, Kalev; Keernik, Hannes; Madonna, Fabio Remote Sensing 2023 / art. 5150 <https://doi.org/10.3390/rs15215150> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Novel data dependent divider circuit block implementation for complex division and area critical applications

Patankar, Udayan Sunil; Flores, Miguel E.; **Koel, Ants** Scientific reports 2023 / art. 3027, 28 p. : ill <https://doi.org/10.1038/s41598-023-28343-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Novel real-time in-step gait anomaly detection algorithms

Rostovski, Jakob; Krivošei, Andrei; Kuusik, Alar; Le Moullec, Yannick; Alam, Muhammad Mahtab techrxiv.org 2024 <https://doi.org/10.36227/techrxiv.171173236.66440239/v1>

NP-hard graph problems' algorithms testing guidelines : artificial intelligence principles and testing as a service

Kumlander, Deniss Advances in computer and information sciences and engineering 2008 / p. 114-118 : ill https://link.springer.com/chapter/10.1007/978-1-4020-8739-4_20

NP-hard graph problems' algorithms testing guidelines : artificial intelligence principles and testing as a service

Kumlander, Deniss Innovative techniques in instruction technology, e-learning, e-assessment, and education 2008 / p. 112-116 https://link.springer.com/chapter/10.1007/978-1-4020-8739-4_20

Numerical investigation of digitised parabolic quantum wells for terahertz AlGaAs/GaAs structures

Reeder, Reeno; Udal, Andres; Velmre, Enn; Harrison, Paul 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. 51-54 : ill

Observer-based residual generation for nonlinear discrete-time systems

Kaldmäe, Arvo; Kotta, Ülle Proceedings of the Estonian Academy of Sciences 2018 / p. 325-336

<https://doi.org/10.3176/proc.2018.4.01> http://www.kirj.ee/public/proceedings_pdf/2018/issue_4/proc-2018-4-325-336.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Obstructions to compositionality

Puca, Caterina; Hadzihasanovic, Amar; Genovese, Fabrizio; Coecke, Bob 6th International Conference on Applied Category Theory, ACT 2023, Hybrid, College Park, 31 July 2023 - 4 August 2023 2023 / p. 226-245 <https://doi.org/10.4204/EPTCS.397.14> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

On decomposition-coordination methods for complex multi-objective optimization problems

Leibak, Alar; Šeletski, Anna; Vaarmann, Otu 17th International conference on "Mathematical Modelling and Analysis" : June 6-9, 2012, Tallinn, Estonia : abstracts 2012 / p. 133

On evolutionary algorithms for program (model) construction

Sanko, Jelena; Penjam, Jaan 14th Nordic Workshop on Programming Theory : NWPT 2002, Tallinn, Estonia, 20-22 November 2002 : abstracts 2002 / p. 87-89 : ill

On importance of a special sorting in the maximum-weight clique algorithm based on colour classes

Kumlander, Deniss Modelling, computation and optimization in information systems and management sciences 2008 / p. 165-174 https://link.springer.com/chapter/10.1007/978-3-540-87477-5_18

On places suitable for applying AI principles in NP-hard graph problem's algorithms

Kumlander, Deniss Proceedings of the IASTED Conference on Artificial Intelligence and Applications as part of the 25th IASTED International Multi-Conference on Applied Informatics : Innsbruck, Austria, 12-14.02.2007 2007 / p. 284-288 <https://dl.acm.org/doi/abs/10.5555/1295303.1295352>

On real and imaginary algorithms of optical tensor field tomography

Aben, Hillar; Errapart, Andrei; Ainola, Leo Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2006 / 2, p. 112-127

On the transformation of a nonlinear discrete-time input-output system into the strong row-reduced form

Bartosiewicz, Zbigniew; Belikov, Juri; Kotta, Ülle; Tönso, Maris; Wyrwas, Małgorzata Proceedings of the Estonian Academy of Sciences 2016 / p. 220-236 <https://doi.org/10.3176/proc.2016.3.02> https://artiklid.elnet.ee/record=b2798394*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On truncation errors of some generalized Shannon sampling operators

Tamberg, Gert Numerical algorithms 2010 / 2/3, p. 367-382

On-chip sensors data collection and analysis for SoC health management

Shibin, Konstantin; Jenihhin, Maksim; Jutman, Artur; Devadze, Sergei; Tsertov, Anton 2023 IEEE International Symposium on Defect and Fault Tolerance in VLSI and Nanotechnology Systems (DFT) 2023 / 6 p <https://doi.org/10.1109/DFT59622.2023.10313562>

On-line monitoring of dialysis adequacy using diasens optical sensor: accurate Kt/V estimation by smoothing algorithms

Talisainen, Aleksei; Kostin, Sergei; Karai, Deniss; Fridolin, Ivo; Ubar, Raimund-Johannes BEC 2010 : 2010 12th Biennial Baltic Electronics Conference : proceedings of the 12th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 4-6, 2010, Tallinn, Estonia 2010 / p. 273-276 : ill

Ontology merging using the weak unification of concepts

Kuusik, Norman; Vain, Jüri Big Data and Cognitive Computing 2024 / art. 98 <https://doi.org/10.3390/bdcc8090098> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An optimal control method for storage systems with ramp constraints, based on an on-going trimming process

Zargari, Noa; Ofir, Ron; Chowdhury, Nilanjan Roy; Belikov, Juri; Levron, Yoash IEEE Transactions on Control Systems Technology 2023 / p. 493-496 <https://doi.org/10.1109/TCST.2022.3169906> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optimal mechanical properties of Hydroxyapatite gradient Voronoi porous scaffolds for bone applications — a numerical study

Rezapourianghahfarokhi, Mansoureh; Hussainova, Irina Journal of the mechanical behavior of biomedical materials 2023 / art. 106232 <https://doi.org/10.1016/j.jmbbm.2023.106232> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optimal process algorithm of postprocessors of V-surveillance radar's

Arro, Ilmar; Kulmar, Lembit BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 291-292

Optimal Q-learning approach for tuning the cavity filters

Sekhri, Even; Tamre, Mart; Kapoor, Rajiv 2019 20th International Conference on Research and Education in Mechatronics (REM) : [proceedings] 2019 / 5 p. : ill <https://doi.org/10.1109/REM.2019.8744118>

Optimal sliding window selection in non-overlapping backoff algorithm for IEEE 802.15.6 WBAN

Saboor, Abdul; Ahmad, Rizwan; Ahmed, Waqas; **Alam, Muhammad Mahtab;** Radwan, Ayman IEEE communications letters 2024 / p. 1467-1471 <https://doi.org/10.1109/LCOMM.2024.3384755> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optimization of car frontal protection system

Pohlak, Meelis; Majak, Jüri; Eerme, Martin International journal for simulation and multidisciplinary design optimization 2007 / p. 31-37 https://www.researchgate.net/publication/245491476_Optimization_of_car_frontal_protection_system

Optimization of recursive sorting algorithms for implementation in hardware

Mihhailov, Dmitri; Sklyarov, Valery; Skliarova, Ioulia; **Sudnitsõn, Aleksander** Proceedings of 22nd International Conference on Microelectronics (ICM 2010) : Cairo, Egypt, Dec. 19-22, 2010 2010 / p. 471-474 : ill https://www.researchgate.net/publication/224213497_Optimization_of_recursive_sorting_algorithms_for_implementation_in_hardware

An optimized design of delay-and energy-efficient Booth multiplier

Rafiq, Ahsan; Jenihhin, Maksim e-Prime - Advances in Electrical Engineering, Electronics and Energy 2024 / art. 100698 <https://doi.org/10.1016/j.prime.2024.100698> [Journal metrics at Scopus](#) [Article at Scopus](#)

Optimizing the deployment of multi-UAVs in emergency response networks

Hassan, Ali; Javed, Sadaf; Ahmad, Rizwan; Ahmed, Waqas; Kiani, Adnan; **Alam, Muhammad Mahtab** 2024 19th Biennial Baltic Electronics Conference (BEC) 2024 / 6 p <https://doi.org/10.1109/BEC61458.2024.10737973> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Optimizing the electrical discharge machining process parameters of the nimonic C263 superalloy: A sustainable approach

Shastri, Renu Kiran; Mohanty, Chinmaya Prasad; Mishra, Umakant; Hotta, Tapano Kumar; Patil, Viraj Vishwas; **Prashanth, Konda Gokuldoss** Journal of manufacturing and materials processing 2024 / art. 126, 25 p. : ill <https://doi.org/10.3390/jmmp8030126> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Outage probability of a robust antenna array

Astra, Egon; Trump, Tõnu Latest trends in circuits, systems, signal processing and automatic control : [proceedings of the 5th CSCS'14, the 2nd ASAP'14 : Salerno, Italy, June 3-5, 2014] 2014 / p. 64-69 : ill

Output voltage regulation of isolated PV-vonnected boost converters with variable loads using converted hysteresis sliding mode controller

Zolfaghari, Mahdi; Zolfaghari, A.; **Gharehpetian, Gevork B.; Ahmadihangar, Roya; Rosin, Argo** 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 7 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227386>

Overview of heuristic search algorithms based on inverse square law

Spitšakova, Margarita Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kuuenda aastakonverentsi artiklite kogumik : 3.-5. oktoobril 2012, Laulasmaa 2012 / p. 89-92 : ill

Overview of the modular system for inference of finite state machines

Spitšakova, Margarita Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK seitsmenda aastakonverentsi artiklite kogumik : 15.-16. novembril 2013, Haapsalu 2013 / p. 95-98 : ill

Pagulasi algoritmi abil ümber paigutades tekib uus sotsiaalne ebavõrdsus

novaator.err.ee 2020 / fot [Pagulasi algoritmi abil ümber paigutades tekib uus sotsiaalne ebavõrdsus](#)

Parallel fault backtracing for calculation of fault coverage

Ubar, Raimund-Johannes; Devadze, Sergei; Raik, Jaan; Jutman, Artur 43rd International Conference on Microelectronics, Devices and Materials and the Workshop on Electronic Testing : September 12. - September 14.2007, Bled, Slovenia : MIDEM conference 2007 proceedings 2007 / p. 165-170 : ill https://www.researchgate.net/publication/221153650_Parallel_fault_backtracing_for_calculation_of_fault_coverage

Parallel FPGA-based implementation of recursive sorting algorithms

Mihhailov, Dmitri; Sklyarov, Valery; Skliarova, Ioulia; **Sudnitsõn, Aleksander** 2010 International Conference on Reconfigurable Computing and FPGAs (ReConFig 2010) : Cancun, Mexico, December 13-15, 2010 2010 / p. 121-126 : ill https://www.researchgate.net/publication/221437230_Parallel_FPGA-Based_Implementation_of_Recursive_Sorting_Algorithms

Parallel implementation of the recursive discrete Fourier transformation

Varkonyi-Koczy, Annamaria R. BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 111-115

Parameter estimation by sparse reconstruction with wideband dictionaries = Signaali parameetrite hindamine kasutades hajusat taastamist laiaribaliste sõnastikega

Butsenko, Maksim 2018 <https://digi.lib.ttu.ee/ii/?11199> https://www.ester.ee/record=b5176162*est

Parameter estimation of PEM fuel cells employing the hybrid grey wolf optimization method

Miao, Di; Chen, Wei; Zhao, Wei; Demsas, Tekle Energy 2020 / Art. 116616 <https://doi.org/10.1016/j.energy.2019.116616> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

PATROL: an evolutionary Approach to Automatic Test Pattern Generation for hardware TROjan detection leveraging PSO-GA hybrid techniques

Hosseini, Mostafa; Azarpeyvand, Ali; Ghasempouri, Tara Proceedings of the 2024 IEEE 33rd Asian Test Symposium : ATS 2024 : Ahmedabad, India, 17-20 December 2024 2024 / 6 p. <https://doi.org/10.1109/ATS64447.2024.10915294> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Pattern discovery using seriation and matrix reordering : a unified view, extensions and an application to inventory management = Mustrite avastamine kasutades järjestamist ning maatriksi ümberkorramist: unifitseeritud vaade, edasiarendused ning rakendus ladude juhtimises

Liiv, Innar; Kuusik, Rein, inform. 2008 https://www.ester.ee/record=b2402187*est

Pattern mining as a clique extracting task

Kuusik, Rein, inform.; Lind, Grete; Võhandu, Leo Tenth international conference IPMU 2004, Information processing and management of uncertainty in knowledge-based systems : July 4-9, 2004, Perugia, Italy 2004 / p. 19-20 : ill <https://www.scitepress.org/Papers/2004/26229/26229.pdf>

Penalized least-squares method for LQR problem of singular systems

Nosrati, Komeil; Belikov, Juri; Tepljakov, Aleksei; Petlenkov, Eduard 62nd IEEE Conference on Decision and Control, CDC 2023, Singapore, 13-15 December 2023 2023 / p. 1251-1256 <https://doi.org/10.1109/CDC49753.2023.10383412> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Perera, Maharage Nisansala Sevrandi; Nakamura, Toru; Matsunaka, Takashi; Yokoyama, Hiroyuki; Sakurai, Kouichi Attribute based tracing for securing group signatures against centralized authorities : [review]

Henno, Jaak Zentralblatt MATH 2024 / 1 p. <https://zbmath.org/1529.94039>

Performance analysis of freeware filtering algorithms for determining ground surface from airborne laser scanning data

Julge, Kalev; Ellmann, Artu; Gruno, Anti Journal of applied remote sensing 2014 / p. 083573-1-083573-15 : ill <https://doi.org/10.1117/1.JRS.8.083573> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Performance evaluation of distance-based random mean shift clustering and humpback whale optimization algorithm for sink node placement in WBAN

Hanif, Maria; Ahmad, Rizwan; Ahmed, Waqas; Driberg, Micheal; Alam, Muhammad Mahtab BODYNETS 2024 : Body Area Networks. Smart IoT and Big Data for Intelligent Health Management : 18th EAI International Conference, BODYNETS 2024-A, Milan, Italy, February 5-6, 2024 : Proceedings 2024 / p. 225 - 245 https://doi.org/10.1007/978-3-031-72524-1_17 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Performance evaluation of some adaptive algorithms

Trump, Tõnu; Lemendik, Laur BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 199-202: ill

Performance improvement of decision tree : a robust classifier using tabu search algorithm

Hafeez, Muhammad Asfand; Rashid, Muhammad; Tariq, Hassan; Abideen, Zain Ul; Alotaibi, Saud S.; Sinky, Mohammed H. Applied Sciences (Switzerland) 2021 / art. 6728 <https://doi.org/10.3390/app11156728> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Performance of a distributed apriori algorithm using the serverless functions of the Apollo framework

Shahin, Mahtab; Shah, Syed Attique; Sharma, Rahul; Ghasempouri, Tara; Poveda, Juan Aznar; Fahringer, Thomas; Draheim, Dirk Machine Learning Methods in Systems : proceedings of 13th Computer Science On-line Conference 2024 2024 / 12 p <https://link.springer.com/book/9783031705946> https://doi.org/10.1007/978-3-031-70595-3_37 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Periodsignaali efektiivväärtuse hindamisalgoritmid

Martverk, Peep; Raja, Aimur Tallinna Tehnikaülikooli Toimetised 1991 / lk. 55-60

PF-FEDG : an open-source data generator for frequency disturbance event detection with deep-learning reference

classifiers

Sun, Zhenglong; Ram, Machlev; Jiang, Chao; Wang, Qianchao; Perl, Michael; **Belikov, Juri**; Levron, Yoash Energy reports 2023 / p. 397-413 <https://doi.org/10.1016/j.egyr.2022.11.182> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Photoelastic tomography in linear and non-linear approximation = Fotoelastsustomograafia lineaarses ja mittelineaarses lähenduses

Errapart, Andrei 2012 <https://digi.lib.ttu.ee/i/?721>

Photoelastic tomography with linear and non-linear algorithms

Aben, Hillar; Errapart, Andrei Experimental mechanics 2012 / p. 1179-1193 : ill

Pipelined execution of data-parallel algorithms

Gorev, Maksim; Ubar, Raimund-Johannes BEC 2014 : 2014 14th Biennial Baltic Electronics Conference : proceedings of the 14th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 6-8, 2014, Tallinn, Estonia 2014 / p. 109-112 : ill

Plagiarism as a legal phenomenon and algorithm-based decision making

Joamets, Kristi TalTech journal of European studies 2022 / p. 146-164 <https://doi.org/10.2478/bjes-2022-0015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Polüetüleeni autoklaavse pürolüüsi kineetika algoritm

Johannes, Ille; Tiikma, Laine XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 19-20

Potential guided directional-RRT* for accelerated motion planning in cluttered environments

Qureshi, Ahmed Hussain; Iqbal, Khawaja Fahad; **Muhammad, Naveed** Proceedings of 2013 IEEE International Conference on Mechatronics and Automation (ICMA) : August 4-7, Takamatsu, Japan 2013 / p. 519-524 : ill

PPCSA: Partial Participation-Based Compressed and Secure Aggregation in Federated Learning

Moustafa, Ahmed; Asad, Muhammad; Shaukat, Saima; **Norta, Alexander** Advanced Information Networking and Applications : Proceedings of the 35th International Conference on Advanced Information Networking and Applications (AINA-2021), Volume 2 2021 / p. 345-357 https://doi.org/10.1007/978-3-030-75075-6_28 [Conference proceedings at Scopus](#) [Article at Scopus](#)

PPPS'2023 - proactive and personalised public services : searching for meaningful human control in algorithmic government

Nikiforova, Anastasija; Bharosa, Nitesh; **Draheim, Dirk**; Taveter, Kuldar EGOV-CeDEM-ePart-JP 2023: ongoing research, practitioners, posters, workshops, and projects at EGOV-CeDEM-ePart 2023 : joint proceedings of ongoing research, practitioners, posters, workshops, and projects at EGOV-CeDEM-ePart 2023 co-located with the International Conference EGOV-CeDEM-ePart (EGOV-CeDEM-ePart 2023) : Corvinus University of Budapest, September 4-7, 2023 2023 <https://ceur-ws.org/Vol-3449/> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Preface of the special issue on advances in data-driven engineering

Ben Yahia, Sadok; Attiogbé, Christian International Journal of General Systems 2023 / p. 203-205 <https://doi.org/10.1080/03081079.2023.2204251> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Preface "Sea hazards"

Pelinovsky, Efim N.; **Didenkulova, Ira**; Méndez, Fernando J.; Rybski, Diego; Tinti, Stefano Natural Hazards and Earth System Science 2013 / p. 1063 - 1067 <https://doi.org/10.5194/nhess-13-1063-2013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Preliminary analysis of global parameters of induction machine for fault prediction in rotor bars

Kudelina, Karolina; Raja, Hadi Ashraf; Autso, Siarhei; Asad, Bilal; Vaimann, Toomas; Rassõlkin, Anton; Kallaste, Ants 2022 IEEE 20th International Power Electronics and Motion Control Conference (PEMC) : Brasov, Romania, 25-28 Sept. 2022 : proceedings 2022 / p. 243-248 : ill <https://doi.org/10.1109/PEMC51159.2022.9962922>

A probabilistic approach to the optimal scheduling of reserves

Terno, Olaf; Valdma, Mati Scientific proceedings of Riga Technical University. 4. [series], Power and electrical engineering 2003 / p. 210-214 <https://www.sciencedirect.com/science/article/pii/S0006320704003362>

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]

Problem and algorithms for finding the best decision

Torim, Ants; Kuusik, Rein, inform. WSEAS transactions on information science and applications 2005 / 2, p. 1462-1469

Problems of optimization : an exact algorithm for binding a maximum clique optimized for the dense graphs

Kumlander, Deniss ISMP2003 : Copenhagen, 2003 : program and abstracts book 2003 / p. 114 https://kirj.ee/wp-content/plugins/kirj/pub/phys-2-2005-79-86_20211016172808.pdf

Problems of optimization : an exact algorithm for finding a maximum clique optimized for dense graphs

Kumlander, Deniss Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2005 / 2, p. 79-86

Proceedings of the Ninth Symposium on Programming Languages and Software Tools : Tartu, Estonia, August 13-14, 2005

Vene, Varmo; Meriste, Merik 2005 https://www.ester.ee/record=b2060802*est

Processing tree-like data structures for sorting and managing priorities

Sklyarov, Valery; Skliarova, Iouliia; Mihhailov, Dmitri; Sudnitsõn, Aleksander 2011 IEEE Symposium on Computers & Informatics : ISCI 2011 : Kuala Lumpur, Malaysia, 20-23 March 2011 2011 / p. 322-327
https://www.researchgate.net/publication/252020117_Processing_tree-like_data_structures_for_sorting_and_managing_priorities

Processing tree-like data structures in different computing platforms

Sklyarov, Valery; Skliarova, Iouliia; Oliveira, Ramiro; Mihhailov, Dmitri; Sudnitsõn, Aleksander 2011 International Conference on Information and Computer Applications (ICICA 2011) : Dubai, United Arab Emirates, March 18-20, 2011 2011 / p. 112-116 : ill
https://sweet.ua.pt/iouliia/Papers/2011/rp025_ICICA2011-A067.pdf

Propulsion drives and control algorithms of electrical vehicles

Mohamed, Mahmoud Ibrahim Hassanin; Rassõlkin, Anton; Vaimann, Toomas; Kallaste, Ants Handbook of power electronics in autonomous and electric vehicles 2024 / p. 139-159 <https://doi.org/10.1016/B978-0-323-99545-0.00009-9> [Article at Scopus](#)

Pseudojuhuslikud bitijadad ja nende juhuslikkuse testimine

Lossmann, Eerik; Meister, Ants Ringhääling 2003 : X rahvusvahelise telekommunikatsioonipäeva materjalid 2003 / lk. 54-59 : ill

Public administration studies : the digital trajectory

Drechsler, Wolfgang Transylvanian review of administrative sciences 2022 / p. 40-51 <https://doi.org/10.24193/tras.SI2022.4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Purtse hybrid power plant common plant controller algorithm

Sarnet, Tanel; Kilter, Jako 2023

QSEER-quantum-enhanced secure and energy-efficient routing protocol for wireless sensor networks (WSNs)

Uthayakumar, Chindiyababy; Jayaraman Ramkumar; Raja, Hadi Ashraf; Shabbir, Noman Sensors 2025 / art. 5924
<https://doi.org/10.3390/s25185924> <https://www.mdpi.com/3510116>

Quadratic phase coupling detection by means of the third order statistics and classification based on learning vector quantization

Lossmann, Eerik Telekommunikatsioon '98 : rahvusvahelise telekommunikatsioonipäeva konverentsi ettekannete materjalid, 15. mai 1998 1998 / lk. 5-11 : ill

A quasi-static approach to optimize the motion of an UGV depending on the track profile

Corral, Eduardo; Arjassov, Gennadi; Meneses, Jesus Mechatronic systems and materials VI 2015 / p. 774-780
<https://doi.org/10.4028/www.scientific.net/SSP.220-221.774> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Raamatupidamisalgoritmid koostamisest : metoodiline juhend kaugõppele

Linnaks, Erik; Sarapik, Juta 1968 https://www.ester.ee/record=b1348802*est

A randomized and controlled study of noninvasive hemodynamic monitoring as a guide to drug treatment of uncontrolled hypertensive patients

Elmula, Fadl Elmula M. Fadl; Rebora, Paola; Talvik, Anneli; Salerno, Sabrina; Miskowska-Nagórna, Eliza; Liu, Xiaoqi; Heinpalu-Kuum, Marika; Comotti, Tommaso; Larstorp, Anne C.; Rostrup, Morten; Świerblewska, Ewa; Valsecchi, Maria Grazia; Kjeldsen, Sverre E.; Viigimaa, Margus; Narkiewicz, Krzysztof; Parati, Gianfranco; Laurent, Stéphane Journal of Hypertension 2015 / p. 2534 - 2545 <https://doi.org/10.1097/HJH.0000000000000749> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ratsionaalarvudega seotud väärarusaamadest 6. klassi õpilastel

Reitel, Auli; Kurvits, Jüri Koolimatemaatika. XLII 2015 / lk. 100-112 : tab

Realization of algorithm of formation and estimation of parameters of the group - working standard of a voltage of an alternating current

Baraškova, Tatjana International Symposium on Machine Design OST 2001 : [Tallinn, Estonia, October 4-5, 2001] : abstracts 2001 / [1] p

Realization of nonlinear input-output equations in controller canonical form

Kaldmäe, Arvo; Kotta, Ülle Kybernetika 2018 / p. 736-747 <https://doi.org/10.14736/kyb-2018-4-0736> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Real-time electricity tariff system for retail market = Reaalaja tariifisüsteem jaeturule

Kivipõld, Tanel 2014 https://www.ester.ee/record=b3087313*est

Real-time gait anomaly detection using 1D-CNN and LSTM

Rostovski, Jakob; Ahmadilivani, Mohammad Hasan; Krivošei, Andrei; Kuusik, Alar; Alam, Muhammad Mahtab Digital Health and Wireless Solutions : First Nordic Conference, NCDHWS 2024, Oulu, Finland, May 7–8, 2024 : Proceedings, Part II 2024 / p. 260-278 https://doi.org/10.1007/978-3-031-59091-7_17 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Real-time multi-modal active vision for object detection on UAVs equipped with limited field of view LiDAR and camera

Shi, Chuanbeibei; Lai, Ganghua; Yu, Yushu; Bellone, Mauro; Lippiello, Vincezo IEEE Robotics and Automation Letters 2023 / p. 6571 - 6578 <https://doi.org/10.1109/LRA.2023.3309575> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A real-time simulation for P2P energy trading using a distributed algorithm

Zahraoui, Younes; Korötko, Tarmo; Rosin, Argo; Khalil Zidane, T. E.; Mekhilef, Saad IEEE Access 2024 / p. 44135-44146 <https://doi.org/10.1109/ACCESS.2024.3369899> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Recent advances in crest factor minimization of multisine

Ojarand, Jaan; Min, Mart Elektronika ir elektrotehnika = Electronics and electrical engineering 2017 / p. 59-62 : ill <https://doi.org/10.5755/j01.eie.23.2.18001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Rejuvenation of nanoscale logic at NBTI-critical paths using evolutionary TPG

Palermo, N.; Tihomirov, Valentin; Copetti, Thiago; Jenihhin, Maksim; Raik, Jaan; Kostin, Sergei 16th Latin American Test Symposium (LATS 2015) : Puerto Vallarta, Mexico, 25-27 March 2015 2015 / [6] p. : ill <http://dx.doi.org/10.1109/LATW.2015.7102405>

Reliability analysis and simulation of some concatenated coding channels

Madar, Urve; Sinjuk, Aleksei; Lossmann, Eerik Proc.8th International Conference ELECTRONICS 2004 : Kaunas 2004 / p. ? <https://eejournal.ktu.lt/index.php/elt/article/view/10921>

Reliable and efficient determination of the likelihood of rational attacks = Ratsionaalsete rünnete tõepära efektiivne ja usaldusväärne kindlakstegemine

Lenin, Aleksandr 2015 https://www.ester.ee/record=b4530005*est

Reordering of spectrum obtained via the two-dimensional short Fourier transform algorithm

Trump, Tõnu Tallinna Tehnikaülikooli Toimetised 1994 / lk. 15-22

Representing logical inference steps with digital circuits

Matsak, Erika Human interface and the management of information : information and interaction 2009 / p. 178-184 https://link.springer.com/chapter/10.1007/978-3-642-02559-4_20

Research and development of digital control systems and algorithms for high power, high voltage isolated DC/DC converters = Võimsate kõrgepingeliste alalisvoolumuundurite arvjuhtimissüsteemide ja -algoritmide uurimine ning väljatöötamine

Roasto, Indrek 2009 https://www.ester.ee/record=b2557768*est

Research and development of electricity auction for microgrids = Mikrovõrkude elektrioksjoni uurimine ja väljatöötamine

Korötko, Tarmo 2019 <https://digi.lib.ttu.ee/i/?12306>

Research and development of explicit demand flexibility management methods for ventilation systems =

Ventilatsioonisüsteemidele otsese energiapaindlikkuse juhtimismeetodite uurimine ja arendamine

Maask, Vahur 2023 <https://doi.org/10.23658/taltech.70/2023> <https://digikogu.taltech.ee/et/Item/0aa8feb6-5799-4f78-a035-a0f3d01f4127> https://www.ester.ee/record=b5645517*est

Research ethics committees as knowledge gatekeepers : the impact of emerging technologies on social science research

Masso, Anu; Gerassimenko, Jelena; Kasapoglu, Tayfun; Beilmann, Mai Journal of responsible technology 2025 / art. 100112
<https://doi.org/10.1016/j.jrt.2025.100112>

Resolution and Doppler tolerance of cognitive system waveforms

Berdnikova, Julia; Ruuben, Toomas; Mürsepp, Ivo; Lossmann, Eerik Elektronika ir elektrotehnika = Electronics and electrical engineering 2010 / 7, p. 101-104 : ill <https://eejournal.ktu.lt/index.php/elt/article/view/9331>

Reversed search maximum clique algorithm based on recoloring

Kumlander, Deniss; Porošin, Aleksandr WCGO 2019: Optimization of Complex Systems: Theory, Models, Algorithms and Applications 2020 / p. 458-467 https://doi.org/10.1007/978-3-030-21803-4_46 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Review of basic classes of dividers based on division algorithm

Patankar, Udayan Sunil; Koel, Ants IEEE Access 2021 / p. 23035-23069 <https://doi.org/10.1109/ACCESS.2021.3055735> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Review of state-of-the-art microwave filter tuning techniques and liplementation of a novel tuning algorithm using expert-based hybrid learning

Sekhri, Even; Kapoor, Rajiv; **Tamre, Mart** Wireless personal communications 2024 / p. 625–681 <https://doi.org/10.1007/s11277-024-10894-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Review, analysis, and implementation of path selection strategies for 2D NoCs

Singh, Rajendra; Bohra, Manoj Kumar; Hemrajani, Prashant; Kalla, Anshuman; Bhatt, Devershi Pallavi; Purohit, Nitin; **Daneshtalab, Masoud** IEEE Access 2022 / p. 129245 - 129268 <https://doi.org/10.1109/ACCESS.2022.3227460> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Robotid suudavad vaeuudiste vastu vöidelda vaid inimeste abiga

Oldermaa, Jaan-Juhan novaator.err.ee 2020 / fot [Robotid suudavad vaeuudiste vastu vöidelda vaid inimeste abiga](#)

A robust adaptive sensor array with slepian sequences [Electronic resource]

Trump, Tõnu The Seventh IEEE Sensor Array and Multichannel Signal Processing Workshop : June 17-20, 2012, Hoboken, New York, USA 2012 / p. 121-124 : ill [CD-ROM] <https://ieeexplore.ieee.org/document/6250444>

Robust algorithms for signal processing : plenary lecture 2

Trump, Tõnu Latest trends in circuits, systems, signal processing and automatic control : [proceedings of the 5th CSCS'14, the 2nd ASAP'14 : Salerno, Italy, June 3-5, 2014] 2014 / p. 12 : phot

Robust FOPI and FOPID controller design for FFOPDT plants in embedded control applications using frequency-domain analysis

Tepljakov, Aleksei; Petlenkov, Eduard; Belikov, Juri 2015 American Control Conference : Hilton Palmer House, Chicago, IL, July 1-3, 2015 2015 / p. 3868-3873 : ill <https://doi.org/10.1109/ACC.2015.7171933> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Robust fractional order singular Kalman filter

Nosrati, Komeil; Belikov, Juri; Tepljakov, Aleksei; Petlenkov, Eduard International journal of robust and nonlinear control 2024 / p. 602-627 : ill <https://doi.org/10.1002/rnc.6990> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Robust speed controllers with autotuning for electrically driven equipment

Aksjonov, Andrei; Serbin, Aleksandr; Vodovozov, Valery; Raud, Zoja 2019 26th International Workshop on Electric Drives : Improvement in Efficiency of Electric Drives (WED) : Moscow Power Engineering Institute, Moscow, Russia, 30th of January - 2nd of February 2019 : proceedings 2019 / 6 p. : ill <https://doi.org/10.1109/WED.2019.8664397>

Robust stabilization of interval fractional-order plants with an interval time delay by fractional-order proportional integral derivative controllers

Ghorbani, Majid; Tepljakov, Aleksei; Petlenkov, Eduard IET Control Theory and Applications 2024 / p. 614-625 <https://doi.org/10.1049/cth2.12594> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Route planning in asymmetric military environments

Ruuben, Toomas; Kreison, Ove 2013 Second International Conference on Future Generation Communication Technology (FGCT) : December 12-14, 2013, City Conference Center, Holborn, London 2013 / p. 73-80 : ill

SARS-CoV-2 Coronavirus data compression benchmark

Liiv, Innar arXiv.org 2020 / 6 p. <https://arxiv.org/abs/2012.12013>

Scalable algorithm for structural fault collapsing in digital circuits

Ubar, Raimund-Johannes; Jürimägi, Lembit; Orasson, Elmet; Raik, Jaan 2015 IFIP/IEEE International Conference on Very Large Scale Integration (VLSI-SoC) : October 5-7, 2015, Daejeon, Korea 2015 / p. 171-176 : ill

Scanning radar signal postprocessing

Arro, Ilmar; Roosipuu, Priit BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 353-356: ill

SC-Block++: A blocking algorithm based on adaptive flood regularization

Ning, Arthur; Frasincar, Flavius; **Robal, Tarmo** SAC '25 : Proceedings of the 40th ACM/SIGAPP Symposium on Applied Computing 2025 / p. 1258-1266 <https://dl.acm.org/doi/10.1145/3672608.3707946> <https://doi.org/10.1145/3672608.3707946>

Search algorithm development for novel electricity auction in microgrids

Korõtko, Tarmo; Rosin, Argo 59th Annual International Scientific Conference on Power and Electrical Engineering : November 12, 13, 2018, Riga Technical University (RTUCon) : conference proceedings 2018 / 6 p. : ill <https://doi.org/10.1109/RTUCon.2018.8659820>

Self-learning model predictive control for dynamic activation of structural thermal mass in residential buildings

Wolisz, Henryk; **Kull, Tuule Mall**; Müller, Dirk; **Kurnitski, Jarek** Energy and buildings 2020 / art. 109542, 21 p. : ill <https://doi.org/10.1016/j.enbuild.2019.109542> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Semantics on mobile robot algorithms development

Seiler, Sven; Sell, Raivo 7th International Conference Mechatronics Systems and Materials MSM 2011 : Kaunas, Lithuania, 7-9 July, 2011 : abstracts book and full papers CD 2011 / p. 52-53 https://www.academia.edu/14380281/Semantics_on_Mobile_Robot_Algorithms_Development

(Semi-)Automatic generation of Uppaal models for model checking embedded control systems

Ernits, Juhan-Peep; Vain, Jüri 14th Nordic Workshop on Programming Theory : NWPT 2002, Tallinn, Estonia, 20-22 November 2002 : abstracts 2002 / p. 45-46

Semi-parametric approach to random forests for high-dimensional bayesian optimisation

Kuzmanovski, Vladimir; Hollmén, Jaakko Discovery Science : 25th International Conference, DS 2022, Montpellier, France, October 10–12, 2022, Proceedings 2022 / p. 418 - 428 https://doi.org/10.1007/978-3-031-18840-4_30 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Servade määramise algoritmide võrdlus

Ojapalu, Olga Raadiotehnika 2005 : XII rahvusvahelise telekommunikatsioonipäeva materjalid 2005 / lk. 88-94 : ill

Service placement and migration algorithm utilizing precise positioning for connected and automated vehicles

Elgarhy, Osama Mohamed Mostafa; Alam, Muhammad Mahtab; Reggiani, Luca; Azeem, Muhammad Moazam 2023 IEEE Conference on Standards for Communications and Networking (CSCN) 2023 / p. 183-188 <https://doi.org/10.1109/CSCN60443.2023.10453210>

7-valued algebra for transition delay fault analysis

Kõusaar, Jaak; Ubar, Raimund-Johannes BEC 2014 : 2014 14th Biennial Baltic Electronics Conference : proceedings of the 14th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 6-8, 2014, Tallinn, Estonia 2014 / p. 89-92 : ill

Short algorithm for real-valued multidimensional Fourier transform

Arro, Ilmar; Trump, Tõnu Proc. International Conf. on Statistical Methods in the Theory of Transmission and Transformation of Information Signals 1993

Short-circuit currents calculation algorithm in street lighting networks

Armas, Jelena; **Varjas, Toivo; Ivanov, Aleksandr** 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. 7-10 : ill http://www.ester.ee/record=b4650094*est

Short-term residential DC load forecasting using extreme gradient boost (XgBoost) algorithm

Shabbir, Noman; Husev, Oleksandr; Daniel, Kamran; Jawad, Muhammad; **Rosin, Argo**; Martins, Joao 2024 IEEE 18th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2024 / 6 p <https://doi.org/10.1109/CPE-POWERENG60842.2024.10604392>

Signaali efektiivväärtuse periooditundetud hindamisalgoritmid : magistritöö : eriala 05.11.08

Raja, Aimur 1992 https://www.ester.ee/record=b2631817*est

A simple algorithm for formability analysis

Majak, Jüri; Pohlak, Meelis; Küttner, Rein Journal of achievements in materials and manufacturing engineering 2007 / 1, p. 57-60 : ill https://www.researchgate.net/publication/40784145_A_simple_algorithm_for_formability_analysis

Simpleksmeetodi esimesest faasist

Übi, Evald Aastaraamat 2018 / Eesti Matemaatika Selts 2021 / lk. 54-68 <https://matemaatika.eu/aastaraamatud/aastaraamat-2018/>

Simplified algorithm applicable for vibration measurements in buildings

Parker, Martin; Kübarsepp, Toomas 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 / p. 201-202
http://www.ester.ee/record=b4650094*est

Simplified digital average current mode control algorithm for half- or full-bridge isolated DC/DC converters

Roasto, Indrek; Vinnikov, Dmitri IECON 2009 : 35th Annual Conference of the IEEE Industrial Electronics Society. ICEIE 2009 : 3rd IEEE International Conference on E-learning in Industrial Electronics : Porto, Portugal, 3-5 November 2009 : abstracts 2009 / p. 166

Simplified digital average current mode control algorithm for half- or full-bridge isolated DC/DC converters

Roasto, Indrek; Vinnikov, Dmitri IECON 2009 : 35th Annual Conference of the IEEE Industrial Electronics Society : Porto, Portugal, 3-5 November 2009 : preprint proceedings 2009 / p. 1744-1749 : ill <https://ieeexplore.ieee.org/document/5414820/similar#similar>

A simplified peak current mode control algorithm for special purpose high voltage IGBT converters

Roasto, Indrek; Vinnikov, Dmitri; Lehtla, Tõnu; Auväärt, Aivar 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. 305-308 : ill

Simulation of two-dimensional thermoelastic wave propagation in inhomogeneous media

Berezovski, Arkadi; Maugin, Gerard A. 4th EUROMECH : Solid Mechanics Conference, Metz, France, June 26-30, 2000 : book of abstracts II, general sessions 2000 / p. 715

Sinusoidal modeling of audio and speech using psychoacoustic-adaptive matching pursuits

Heusdens, Richard; **Vafin, Renat**; Kleijn, W. Bastiaan 2001 IEEE International Conference on Acoustics, Speech, and Signal Processing : proceedings : 7-11 May, 2001, Salt Palace Convention Center, Salt Lake City, Utah, USA. Vol. 5 2001 / p. 3281-3284 : ill <https://ieeexplore.ieee.org/document/940359>

Sinusoidal modeling using psychoacoustic-adaptive matching pursuits

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

Sliding mode control based on super twisting algorithm for single-stage on-board charger

Guler, Naki; Komurcugil, Hasan; Bayhan, Sertac; **Vinnikov, Dmitri; Blinov, Andrei** 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227481>

Soft-sensor approach in characterization of VRLA batteries

Tenno, Ander; Tenno, Robert; Suntio, Teuvo Proc. INTELEC 2001 2001 / p. 554-562
<https://ieeexplore.ieee.org/document/988617/similar#similar>

Some algorithms for data table (re)ordering using monotone systems

Võhandu, Leo; Kuusik, Rein, inform.; Torim, Ants; Aab, Eik; Lind, Grete Proceedings of the 5th WSEAS International Conference on Artificial Intelligence, Knowledge Engineering and Data Bases : Madrid, Spain, February 15-17, 2006 2006 / p. 417-422 https://www.researchgate.net/publication/251851216_Some_algorithms_for_data_table_reordering_using_Monotone_Systems

Some monotone systems algorithms for data mining

Võhandu, Leo; Kuusik, Rein, inform.; Torim, Ants; Aab, Eik; Lind, Grete WSEAS transactions on information science and applications 2006 / 4, p. 802-809

Some new algorithms for numerical simulation of transient processes in power semiconductor devices

Piroženko, Aleksander Symposium on Modeling Inverse Problems and Numerical Methods : program, abstracts, participants, Tallinn, April 15-20, 1991 1991 / p. 32

Some novel algorithms for processing sensor array output signals = Uudsed algoritmid antennivõre väljundsignaali töötlemiseks

Tart, Allan 2021 https://www.ester.ee/record=b54332623*est <https://digikogu.taltech.ee/et/Item/531692ce-bea0-44ef-afa5-43048e728052>
<https://doi.org/10.23658/taltech.26/2021>

Some phase-sensitive and spectral methods in biomedical engineering

Meister, Ants 1994 http://www.ester.ee/record=b1066293*est

Some practical algorithms to solve the maximum clique problem

Kumlander, Deniss 2005 https://www.ester.ee/record=b2097511*est

Sonar adaption to the measurement range

Derkatš, Julia; Koževnikov, Valeri BEC 2002 : proceedings of the 8th Biennial Baltic Electronics Conference : October 6-9, 2002,

Tallinn, Estonia 2002 / p. 195-198 : ill

Sorting of bite vectors with help of self-organizing maps algorithm

Boiko, Uljana BEC 2004 : Baltic Electronics Conference : Post-Graduate Student Session : Tallinn University of Technology, October 3-6, 2004, Tallinn, Estonia 2004 / p. 10

Spectral asymmetry and Higuchi's fractal dimension measures of depression electroencephalogram

Bachmann, Maie; Lass, Jaanus; Suhhova, Anna; Hinrikus, Hiie Computational and Mathematical Methods in Medicine 2013 / art. 251638 <https://doi.org/10.1155/2013/251638> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

SSBDD model : advantageous properties and efficient simulation algorithms

Raik, Jaan; Jutman, Artur; Ubar, Raimund-Johannes ETW'02 : 7th IEEE European Test Workshop, Gorfú Greece, May 26-29, 2002 : informal digest 2002 / p. 345-346 : ill

SSBDDs : advantageous model and efficient algorithms for digital circuit modeling, simulation & test

Jutman, Artur; Raik, Jaan; Ubar, Raimund-Johannes 5th International Workshop on Boolean Problems : September 19-20, 2002, Freiberg (Sachsen) : proceedings 2002 / p. 157-166 : ill

Stabiilne paaripaneke : (kõrvalepõige poliitikasse)

Võhandu, Leo Arvutustehnika ja Andmetöötlus 1995 / 5, lk. 21-26

Stabiilne paaripaneke : (pühendusega koolidirektoritele)

Veskioja, Tarmo A & A 1999 / 5, lk. 29-35 https://artiklid.elnet.ee/record=b1002459*est

Stabiilsest paaripanekest. Läbikäimise kulud paaripanekele ehk tehingukulud kahepoolsetel turgudel

Veskioja, Tarmo A & A 2003 / 6, lk. 38-47 https://artiklid.elnet.ee/record=b1014280*est

Stable marriage problem and college admission

Veskioja, Tarmo 2005 https://www.ester.ee/record=b2097477*est

Statistical methods for ultrasound image segmentation = Ultrahelipiltide segmenteerimine statistiliste meetoditega

Li, Lin 2015 https://www.ester.ee/record=b4526723*est

Steueralgorithmus für Laden von Ultrakondensator

Roasto, Indrek The 4th Research Symposium of Young Scientists : Actual Problems of Electrical Drives and Industry Automation : Tallinn, Estonia, May 17-21, 2003 2003 / p. 128-130 : ill

Stig Rästa idufirma lubab suurt tootlust kasutades kauplemisrobotit [Võrguväljaanne]

Väärtmaa, Taigar arileht.delfi.ee 2022 ["Stig Rästa idufirma lubab suurt tootlust kasutades kauplemisrobotit"](https://www.ester.ee/record=b4526723*est)

A stream clustering algorithm for classifying network IDS alerts

Vaarandi, Risto Proceedings of the 2021 IEEE International Conference on Cyber Security and Resilience (CSR), July 26–28, 2021 : Virtual Conference : proceedings 2021 / p. 14-19 <https://doi.org/10.1109/CSR51186.2021.9527926>

Structured development of implementations for divide-and-conquer specifications

Bortin, Maksym Science of computer programming 2024 / art. 103011, 15 p. : ill <https://doi.org/10.1016/j.scico.2023.103011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Suboptimal radio resource management for full-duplex enabled small cells

Hassan, Malik; Ghoraishi, Mir; Tafazolli, Rahim 2017 IEEE International Conference on Communications Workshops (ICC Workshops) 2017 / p. 942-947 : ill <https://doi.org/10.1109/ICCW.2017.7962780>

Surjective cellular automata far from the Garden of Eden

Capobianco, Silvio; Guillon, Pierre; Kari, Jarkko Discrete mathematics and theoretical computer science 2013 / p. 41-60 : ill https://www.researchgate.net/publication/264932675_Surjective_cellular_automata_far_from_the_Garden_of_Eden <https://doi.org/10.46298/dmtcs.618> [Journal metrics at Scopus](#) [Article at Scopus](#)

Symbolic solution algorithms of mechanic matrix equations

Arjassov, Gennadi; Baraškova, Tatjana; Petritšenko, Andres 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. 1701-1702 : ill

Symbolic solutions algorithms of mechanic matrix equations

Arjassov, Gennadi OST-98 Symposium on Machine Design, Oulanka, Finland, October 1-3, 1998 : proceedings 1998 / p. 119-122

A symbolic-numerical algorithm for material parameter identification

Majak, Jüri; Pohlak, Meelis; Küttner, Rein; Eerme, Martin; Karjust, Kristo; Kers, Jaan Proceedings of the Tenth International Conference on Computational Structures Technology : Valencia, Spain, 14-17 September 2010 / Paper 133

Symbolic-numerical algorithm for material parameters identification

Majak, Jüri; Küttner, Rein; Pohlak, Meelis First International Conference on Multidisciplinary Design Optimization and Applications : 17-20 April 2007, Besancon, France : book of abstracts 2007 / p. 68 https://www.researchgate.net/publication/269140167_A_Symbolic-Numerical_Algorithm_for_Material_Parameter_Identification

Synchronization algorithm for RFID-reader and its implementation

Märtens, Olev; Liimets, Aivar; Kuusik, Alar 2015 Advances in Wireless and Optical Communications RTUWO : 5-6 November 2015, Riga, Latvia : proceedings 2015 / p. 82-85 : ill <https://doi.org/10.1109/RTUWO.2015.7365725>

Synchronous sampling and demodulation in an instrument for multifrequency bioimpedance measurement

Min, Mart; Parve, Toomas; Ronk, Ants; Annus, Paul; Paavle, Toivo IEEE transactions on instrumentation and measurement 2007 / 4, p. 1365-1372 : ill <https://ieeexplore.ieee.org/document/4277035>

Synthesis of control automata using graph schemes of algorithms

Baranov, S.; Keesvallik, Andres Digital Processes 1980 / p. [?]

Synthesis of on-line planning tester for non-deterministic EFSM models

Kääramees, Marko; Vain, Jüri; Raiend, Kullo Testing - Practice and Research Techniques : 5th International Academic and Industrial Conference TAIC PART 2010 : Windsor, UK, September 3-5, 2010 : proceedings 2010 / p. 147-154 https://link.springer.com/chapter/10.1007/978-3-642-15585-7_14

Synthesis of test purpose directed reactive planning tester for nondeterministic systems

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

A systematic assessment of numerical association rule mining methods

Kaushik, Minakshi; Sharma, Rahul; Arakkal Peious, Sijo; Shahin, Mahtab; Ben Yahia, Sadok; Draheim, Dirk SN Computer Science 2021 / art. 348 <https://doi.org/10.1007/s42979-021-00725-2> [Journal metrics at Scopus](#) [Article at scopus](#)

Systemic stability and algorithm-based policy interventions = Süsteemi stabiilsus ja algoritmipõhised poliitikameetmed

Fischer, Dirk-Hinnerk 2019 <https://digi.lib.ttu.ee/i/?11586>

Zheng, Zhiyong; Tian, Kun; Liu, Fengxia. Modern cryptography. Volume 2. A classical introduction to informational and mathematical principle : [review]

Henno, Jaak Zentralblatt MATH 2023 / 1 p. <https://zbmath.org/1520.94001>

TalTechi doktorandi väljatöötatud algoritm soovitab inimestele ainult atraktiivseid reisisihtkohti [Võrguteavik]

geenius.ee 2021 ["TalTechi doktorandi väljatöötatud algoritm soovitab inimestele ainult atraktiivseid reisisihtkohti"](#)

Task classification for optimal offloading and resource allocation in vehicular edge computing

Mubashir, Memon; Ahmad, Rizwan; Saadat, Ahsan; Chaudhry, Saqib Rasool; Kiani, Adnan Khalid; Alam, Muhammad Mahtab 2023 Eighth International Conference on Fog and Mobile Edge Computing (FMEC) 2023 / p. 15-21 <https://doi.org/10.1109/FMEC59375.2023.10306155>

Task offloading in mobile fog computing by classification and regression tree

Rahbari, Dadmehr; Nickray, Mohsen Peer-to-Peer networking and applications 2020 / p. 104-122 <https://doi.org/10.1007/s12083-019-00721-7>

Tau lepton identification and reconstruction : a new frontier for jet-tagging ML algorithms

Lange, Thomas; Nandan, Saswati; Pata, Joosep; Tani, Laurits; Veelken, Christian Computer physics communications 2024 / art. 109095 <https://doi.org/10.1016/j.cpc.2024.109095>

Tau lepton identification and reconstruction : a new frontier for jet-tagging ML algorithms : [preprint]

Lange, Thomas; Nandan, Saswati; Pata, Joosep; Tani, Laurits; Veelken, Christian arXiv.org 2023 / 22 p. : ill <https://doi.org/10.48550/arXiv.2307.07747>

Techniques for robust routing, communication and computation in multiprocessor systems = Robustse marsruutimise, side ja arvutuse tehnikad mitmeprotsessorilistes süsteemides

Janson, Karl 2021 https://www.ester.ee/record=b5396084*est <https://digikogu.taltech.ee/et/Item/c9091d5c-dcd8-4b21-95a7-84ead85241e6> <https://doi.org/10.23658/taltech.3/2021>

Technology of integrated photoelasticity for residual stress measurement in glass articles of axisymmetric shape = Integraalse fotoelastsuse tehnoloogia jääkpingete määramiseks telgsümmeetrilistes klaasobjektides
Anton, Johan 2008 http://www.ester.ee/record=b2394498*est

Tehisintellekt – kas koll, millega hirmutada, või hoopis suur sõber?
Einama, Kaido Postimees 2022 / Lk. 9 : fot <https://dea.digar.ee/article/postimees/2022/08/08/9.1>

Tehisintellekt töötab tervise heaks
Valla, Elli Postimees 2023 / Lk. 7 <https://dea.digar.ee/article/postimees/2023/04/26/3.14>

Tehisintellektide pealetung: kas inimkond peaks kartma või rõõmustama?
Einama, Kaido Postimees 2023 / Lk. 11 <https://dea.digar.ee/article/ak/2023/02/11/7.1>

Term search in Rust
Annus, Tavo; Joram, Philipp TyDe 2024: Proceedings of the 9th ACM SIGPLAN International Workshop on Type-Driven Development 2024 / p. 62-73 <https://doi.org/10.1145/3678000.3678210> [Article at Scopus](#)

Test cost minimization for hybrid BIST
Jervan, Gert; Peng, Zebo; Ubar, Raimund-Johannes IEEE International Symposium on Defect and Fault Tolerance in VLSI Systems : 25-27 October 2000, Yamanashi, Japan : proceedings 2000 / p. 283-298 : ill <https://ieeexplore.ieee.org/abstract/document/887168>

Test generation techniques and algorithms
Ubar, Raimund-Johannes; Gramatova, Elena; Fisherova, Maria Handbook of testing electronic systems 2005 / p. 99-173 : ill

The strong Popov form of nonlinear input–output equations
Bartosiewicz, Zbigniew; Pawluszewicz, Ewa; Wyrwas, Małgorzata; Kotta, Ülle; Tönso, Maris Proceedings of the Estonian Academy of Sciences 2018 / p. 193–206 <https://doi.org/10.3176/proc.2018.3.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The super-fast algorithm of hierarchical clustering and the theory of monotonic systems
Kuusik, Rein, inform. Tallinna Tehnikaülikooli Toimetised 1993 / lk. 37-62

Three–dimensional cell counting based on two dimensional cross–section images
Anton, Johan; Saar, Tõnis Elektronika ir elektrotehnika = Electronics and electrical engineering 2011 / p. 89-94 <https://eejournal.ktu.lt/index.php/elt/article/view/455>

Tools and Techniques for event log analysis
Vaarandi, Risto 2005 https://www.ester.ee/record=b2045293*est

Towards hybrid genetic-gravitational algorithm for control of six-legged walking robot
Seljanko, Filipp Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK neljanda aastakonverentsi artiklite kogumik : 26.-27. novembril 2010, Essu mõis 2010 / lk. 97-100 : ill

Towards integrability for nonlinear time-delay systems
Kaldmäe, Arvo; Moog, Claude H.; Califano, Claudia IFAC-Papers OnLine 2015 / p. 900-905 <https://doi.org/10.1016/j.ifacol.2015.09.305> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Towards optimal placement and runtime migration of time-sensitive services of connected and automated vehicles
Elgarhy, Osama Mohamed Mostafa; Le Moullec, Yannick; Reggiani, Luca; Azeem, Muhammad Moazam; Taleb, Tarik; Alam, Muhammad Mahtab IEEE Open Journal of Vehicular Technology 2024 / p. 13-33 <https://doi.org/10.1109/OJVT.2024.3496583>

Tracking performance of a combination of two NLMS adaptive filters
Trump, Tõnu 15th IEEE Workshop on Statistical Signal Processing : Cardiff, UK, 31 August - 3 September 2009 2009 / p. 181-184 <https://ieeexplore.ieee.org/document/5278610>

Transformations of graph schemes of algorithms
Baranov, S.; Keesvallik, Andres Digital Processes 1980 / p. [?]

Transition delay fault simulation with parallel critical path back-tracing and 7-valued algebra
Kõusaar, Jaak; Ubar, Raimund-Johannes; Devadze, Sergei; Raik, Jaan Microprocessors and microsystems 2015 / p. 1130-1138 : ill <https://doi.org/10.1016/j.micpro.2015.05.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Translaator keelest WANG 2200 Beisik keelde PL/I-DOS

Paluoja, R.; Vooglaide, Aare XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 146-147 https://www.ester.ee/record=b2449987*est

Transparent fuzzy systems in modeling and control

Riid, Andri; Rüstern, Ennu Interpretability issues in fuzzy modeling 2002 / p. 452-476 https://link.springer.com/chapter/10.1007/978-3-540-37057-4_19

Tuleviku elektriareid võib vähendada nutikas algoritm [Võrguväljaanne]

Harrik, Airika novaator.err.ee 2022 ["Tuleviku elektriareid võib vähendada nutikas algoritm"](https://www.ester.ee/record=b2449987*est)

Tundmatu sagedusega perioodsignaali efektiivväärtuste hindamisalgoritmid

Martverk, Peep; Raja, Aimur Side. Raadio. Televisioon : infoseeria 10 1987 / lk. 13-17 : ill https://www.ester.ee/record=b1232303*est

Twinkle ei ava Interneti salauksi

Tammemäe, Kalle Äripäev 1999 / 26. mai, lk. 11 <https://www.aripaev.ee/uudised/1999/05/25/twinkle-ei-ava-interneti-salauksi>

UAV trajectory planning for disaster scenarios

Javed, Sadaf; Hassan, Ali; Ahmad, Rizwan; Ahmed, Waqas; **Alam, Muhammad Mahtab**; Rodrigues, Joel J. P. C. Vehicular Communications 2023 / art. 100568, 12 p. : ill <https://doi.org/10.1016/j.vehcom.2022.100568> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Understanding power positions in a New Digital Landscape: perceptions of Syrian refugees and data experts on relocation algorithm

Masso, Anu; Kasapoglu, Tayfun Information Communication and Society 2020 / p. 1203-1219

<https://doi.org/10.1080/1369118X.2020.1739731> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A Unique backoff algorithm in IEEE 802.15.6 WBAN

Saboor, Abdul; Ahmad, Rizwan; Ahmed, Waqas; **Alam, Muhammad Mahtab** 2018 IEEE 88th Vehicular Technology Conference (VTC-Fall) : Chicago, IL, USA 27 - 30 August 2018 : proceedings 2018 / 5 p. : ill <https://doi.org/10.1109/VTCFall.2018.8690812> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

A unique backoff algorithm in IEEE 802.15.6 WBAN

Saboor, Abdul; Ahmad, Rizwan; Ahmed, Waqas; **Alam, Muhammad Mahtab** The 88th IEEE Vehicular Technology Conference : Final Programme, 27-30 August 2018, Chicago, USA 2018 / p. 48 <http://www.ieeevtc.org/vtc2018fall/final-program.pdf>

Universal navigation algorithm planning platform for unmanned systems

Sell, Raivo; Leomar, Priit Mechatronic systems and materials : mechatronic systems and robotics 2010 / p. 405-410 : ill https://www.researchgate.net/publication/243762582_Universal_Navigation_Algorithm_Planning_Platform_for_Unmanned_Systems

Universal navigation algorithm planning platform for unmanned systems

Sell, Raivo; Leomar, Priit Proceedings of International Conference Mechatronic Systems and Materials : Vilnius, Lithuania, 22-25 October 2009 2009 / p. 63-64

https://www.researchgate.net/publication/243762582_Universal_Navigation_Algorithm_Planning_Platform_for_Unmanned_Systems

Unpacking algorithms as technologies of power : Syrian refugees and data experts on algorithmic governance

Kasapoglu, Tayfun; **Masso, Anu; Calzati, Stefano** Digital Geography and Society 2021 / art. 100016

<https://doi.org/10.1016/j.diggeo.2021.100016> [Journal metrics at Scopus](#) [Article at Scopus](#)

An unsupervised framework for detecting anomalous messages from syslog log files

Vaarandi, Risto; Blumbergs, Bernhards; Kont, Markus Network operations and management symposium : cognitive management in a cyber world, 23-27 april 2018, Taipei, Taiwan 2018 / 6 p <http://doi.org/10.1109/NOMS.2018.8406283>

Using mandatory concepts for knowledge discovery and data structuring

Elloumi, Samir; **Ben Yahia, Sadok**; Al Ja'am, Jihad Database and Expert Systems Applications : 30th International Conference, DEXA 2019, Linz, Austria, August 26–29, 2019, Proceedings, Part II 2019 / p. 362 - 375 https://doi.org/10.1007/978-3-030-27618-8_27 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

Using market basket analysis to find semantic duplicates in ontology

Astrov, Irina; Koschel, Arne; Lee, Su Ling Computational Science and Its Applications – ICCSA 2020 : 20th International Conference, Cagliari, Italy, July 1–4, 2020 : Proceedings, Part IV 2020 / p. 197-211 https://doi.org/10.1007/978-3-030-58811-3_14 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

Using reinforcement learning to optimize the acceptance threshold of a credit scoring model

Herasymovych, Mykola; **Märka, Karl**; Lukason, Oliver Applied Soft Computing Journal 2019 / Art. 105697

<https://doi.org/10.1016/j.asoc.2019.105697> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Using V2G technology as virtual active power filter for flexibility enhancement of HVDC systems

Zolfaghari, Mahdi; **Ahmadihangar, Roya**; Gharehpetian, Gevork B.; **Rosin, Argo**; **Plaum, Freddy** Proceedings : 2020 IEEE 14th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) : Online - Setúbal, Portugal, 08 - 10 July, 2020 2020 / p. 489-494 : ill <https://doi.org/10.1109/CPE-POWERENG48600.2020.9161602>

Using weighted graphs for fast architecture exploration

Ellervee, Peeter; Klaar, Tarmo; **Kruus, Margus**; **Tammemäe, Kalle** BEC 2002 : proceedings of the 8th Biennial Baltic Electronics Conference : October 6-9, 2002, Tallinn, Estonia 2002 / p. 111-114 : ill

Uus algoritm aitab leida turistidel pinget pakkuvad reisisihtkohad [Võrguväljaanne]

Oidermaa, Jaan-Juhan novaator.err.ee 2021 ["Uus algoritm aitab leida turistidel pinget pakkuvad reisisihtkohad"](#)

Uus algoritm parandab isesõitva auto möödasõiduuskust

Horisont 2022 / lk. 6 : fot https://www.ester.ee/record=b1072243*est

Uus algoritm soovib tõeliselt atraktiivseid reisisihtkohti

Mente et Manu 2021 / lk. 13 : fot https://www.ester.ee/record=b1242496*est

Uus meetod aitab mõista masinõppe hingeelu [Võrguväljaanne]

postimees.ee 2021 ["Uus meetod aitab mõista masinõppe hingeelu"](#)

Uus tehisintellekt teeb vahet haige ja terve inimese häälel [Võrguväljaanne]

Harrik, Airika novaator.err.ee 2021 / fot [Uus tehisintellekt teeb vahet haige ja terve inimese häälel](#)

Uute mustrite avastamine järjestamise ja maatriksi ümberkorraldamisega : [autori doktoritööst]

Liiv, Innar Inseneeria 2009 / 8(9), lk. 44-46 : ill https://artiklid.elnet.ee/record=b1140684*est

Variable byte-length data compression algorithm

Gorev, Maksim; **Ellervee, Peeter** BEC 2010 : 2010 12th Biennial Baltic Electronics Conference : proceedings of the 12th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 4-6, 2010, Tallinn, Estonia 2010 / p. 353-356 : ill

Vector optimization of thermal power plants

Astapov, Victor 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. 213-215 : ill

Versatile direct and transpose matrix multiplication with chained operations : an optimized architecture using circulant matrices

Iakymchuk, Taras; Rosado-Munoz, Alfredo; Mompean, Manuel Bataller; Villora, Jose Vicente Frances; **Osimiry, Emmanuel Ovie** IEEE Transactions on Computers 2016 / p. 3470 - 3479 <https://doi.org/10.1109/TC.2016.2538235> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Whisker-based tactile navigation algorithm for underground robots

Kossas, Tanel; **Remmas, Mohamed Walid**; **Gkliva, Roza**; **Ristolainen, Asko**; **Kruusmaa, Maarja** 2024 IEEE International Conference on Robotics and Automation (ICRA) 2024 / p. 13164-13170 <https://doi.org/10.1109/ICRA57147.2024.10610762> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Whole building algorithm for indoor air quality classification based on measured CO2 data

Aljas, Hans Kristjan; **Parts, Tuule Mall**; **Thalfeldt, Martin** Healthy Buildings 2023 Europe: Beyond Disciplinary Boundaries: proceedings ; 2 2023 / p. 852-859 : ill <https://www.proceedings.com/content/070/070278webtoc.pdf>

Wind energy forecasting using recurrent neural networks

Shabbir, Noman; **Kütt, Lauri**; Jawad, Muhammad; **Ahmadihangar, Roya**; **Iqbal, Muhammad Naveed**; **Rosin, Argo** 2019 Big Data, Knowledge and Control Systems Engineering (BdKCSE) 2019 / 5 p. : ill <https://doi.org/10.1109/BdKCSE48644.2019.9010593>

Visual study of Estonian Wordnet using bipartite graphs and minimal crossing algorithm

Lohk, Ahti; Vare, Kadri; **Võhandu, Leo** 6th International Global Wordnet Conference : proceedings : January 9-13, 2012, Matsue, Japan 2012 / p. 167-172 : ill https://www.academia.edu/30395790/Visual_Study_of_Estonian_Wordnet_using_Bipartite_Graphs_and_Minimal_Crossing_algorithm

Välja on töötatud uus algoritm: kuidas leida üles kõige atraktiivsemad reisisihtkohad just sinu jaoks? [Võrguväljaanne]

delfi.ee 2021 ["Välja on töötatud uus algoritm: kuidas leida üles kõige atraktiivsemad reisisihtkohad just sinu jaoks?"](#)

XgBoost based short-term electrical load forecasting considering trends & periodicity in historical data

Shabbir, Noman; **Ahmadihangar, Roya**; **Rosin, Argo**; Jawad, Muhammad; **Kilter, Jako**; Martins, Joao 2023 IEEE International Conference on Energy Technologies for Future Grids (ETFG) 2023 / 6 p <https://doi.org/10.1109/ETFG55873.2023.10407926>

Автоматизированное проектирование связывающих сетей : учебное пособие

Aarna, Olav; Вайнер В.Г.; Рублинецкий В.И. 1990 http://www.ester.ee/record=b1491756*est

Алгебра пар неполностью определенных разбиений и критерий инфоресурса при декомпозиции автоматов

Keevallik, Andres; Berkman, Boriss Машинное проектирование электронных устройств и систем 1988 / с. 12-20

Алгоритм частичного решения уравнений больших цепей

Ronk, Ants Труды по электротехнике и автоматике : сборник статей. 14 1976 / с. 11-20 : илл

https://www.ester.ee/record=b2190768*est <https://digikogu.taltech.ee/et/Item/aa35e320-87b1-405b-9cac-3b90c51867d1>

Алгоритм адаптивной квадратурной компенсации помех

Arro, Ilmar; Smoljanski, Leonid Методы и средства измерения, преобразования и обработки информации : [сборник статей]

1987 / с. 3-7 https://www.ester.ee/record=b1272013*est

Алгоритм вычисления передаточной функции из переходной характеристики

Kukk, Vello; Rüstern, Ennu Труды по электротехнике и автоматике : сборник статей. 13 1975 / с. 45-53

https://www.ester.ee/record=b2190710*est <https://digikogu.taltech.ee/et/Item/ffbd63ed-06d6-4bbb-9468-118f743cc87f>

Алгоритм вычисления эхо-сигнала от произвольной цилиндрической оболочки

Kutser, Mati; Metsaveer, Jaan Труды X Всесоюзной конференции по теории оболочек и пластин: Кутаиси, 22-29 сентября

1975 г. : [в 2 т.], т. 2 1975 / с. 247-254 https://www.ester.ee/record=b3798375*est

Алгоритм вычисления эхо-сигналов от упругой сферической оболочки в жидкости путем суммирования отдельных групп бегущих волн

Metsaveer, Jaan 1971 https://www.ester.ee/record=b1332287*est

Алгоритм генерирования моделей химико-технологических процессов

Bakalova, M.O.; Kallas, Juha Процессы и аппараты химической технологии. 2 1988 / с. 3-10

Алгоритм генерирования тестов для комбинационных логических схем

Pall, I.; Ubar, Raimund-Johannes XX студенческая научно-техническая конференция вузов Прибалтийских республик,

Белорусской ССР и Молдавской ССР : тезисы докладов. Часть 1 1974 / с. 133 https://www.ester.ee/record=b1306141*est

Алгоритм для определения цены

Кришюнас, Марюс; Йовайшене, Вита 35 научная конференция студентов вузов Эстонии, Латвии, Литвы, Белоруссии и

Молдовы : [Таллинн, 1991] : доклады. Секция экономики 1991 / с. 5-6: ил

Алгоритм для расчета качества воды реки на ЭЦВМ

Linnupõld, Lembit Сборник статей по санитарной технике. 8 1972 / с. 37-40 : илл https://www.ester.ee/record=b2085069*est

<https://digikogu.taltech.ee/et/Item/67a1c9b6-c10c-4843-9d90-1f0bf1e601ba>

Алгоритм и программа расчета диаграмм оптимальных режимов ТЭЦ

Leisalu, Aarne; Tammoja, Heiki Вопросы стохастического управления режимами энергетических систем 1985 / с. 33-43 : ил

https://www.ester.ee/record=b1302407*est <https://digikogu.taltech.ee/et/Item/030d9115-743d-4f86-9bbd-aae45b9d7521>

Алгоритм компактной обработки информации при машинном анализе электронных схем

Laksberg, Edgar Республиканская научно-техническая конференция, посвященная Дню радио : тезисы докладов 1973 / с.

21-22 https://www.ester.ee/record=b1383925*est

Алгоритм метода конечных элементов для вычисления эхо-сигналов от оболочек в жидкости

Lahe, Andres Статические и динамические методы анализа пластин и оболочек 1984 / с. 65-72

https://www.ester.ee/record=b1513177*est <https://digikogu.taltech.ee/et/Item/b3b9ea4a-074a-483e-bbaa-e387c7dfa79e>

Алгоритм нелинейной аппроксимации характеристик энергообъектов

Übi, Evald; Valdma, Mati, juhendaja Методы управления режимами энергетических систем 1980 / с. 67-72

https://www.ester.ee/record=b1267052*est <https://digikogu.taltech.ee/et/Item/6a1bcdd3-48bc-4eb7-82a6-0d1748ab0afc>

Алгоритм оптимального корректирования планов режима энергосистемы

Keel, Matti Энергетические системы : сборник статей. 5 1974 / с. 13-18 : илл https://www.ester.ee/record=b2190662*est

<https://digikogu.taltech.ee/et/Item/11c437c8-2c10-4297-aa20-712c96721051>

Алгоритм оптимизации пространственных стержневых систем методом конечных элементов

Nõmme, M.K. Тезисы докладов Всесоюзной конференции "Современные методы и алгоритмы расчета и проектирования строительных конструкций с использованием ЭВМ", Таллин, с 18 по 20 октября 1979 года. Часть вторая, [секция 3, Системы автоматизации проектирования. [Секция] 4, Проектирование оптимальных конструкций 1979 / с. 163-164

https://www.ester.ee/record=b1271175*est

Алгоритм отбора данных из сетевой базы данных

Mikli, Toomas; Terandi, Jaak Обработка данных, построение трансляторов, вопросы программирования 1982 / с. 3-8
https://www.ester.ee/record=b1328243*est <https://digikogu.taltech.ee/et/Item/4a920c79-1d66-4701-876a-326b5a406101>

Алгоритм оценки качества вероятностного тестирования цифровых схем

Grigorjeva, Ksenja Машинное проектирование электронных устройств и систем 1989 / с. 97-103

Алгоритм последовательной кластеризации, базирующейся на минимизации приращения внутригрупповой суммы квадратов

Vensel, Vello Потребление и уровень жизни населения 1979 / с. 145-159 https://www.ester.ee/record=b1283598*est
<https://digikogu.taltech.ee/et/Item/dc1f8294-d89f-4f2c-83c0-fb2a5613bace>

Алгоритм постепенного расположения

Võhandu, Leo; Kallion, J.; Kollin, A. Тезисы докладов XXXI студенческой научно-технической конференции 1980 / с. 105-106
https://www.ester.ee/record=b1319482*est

Алгоритм проектирования перемещений инструмента в интерактивной графической системе

Kimmel, Andres; Petuhhov, Inga Автоматизация технологического проектирования процессов механической обработки 1988 / с. 46-54

Алгоритм расчета производных

Rebane, Jüri Труды по электротехнике и автоматике : сборник статей. 14 1976 / с. 31-39 : илл
https://www.ester.ee/record=b2190768*est <https://digikogu.taltech.ee/et/Item/aa35e320-87b1-405b-9cac-3b90c51867d1>

Алгоритм решения обратной кинематической задачи для промышленного робота "Гранат-10"

Кукаренко Е.П.; Пашкевич А.П.; Корзун А.Н. Тезисы докладов семинара "Новые направления научных исследований в области электромеханики" 1991 / с. 63-64

Алгоритм синхронизации операций сборочного конвейера

Jõers, Rein; Kalm, Evald Труды по электротехнике и автоматике : сборник статей. 8 1970 / с. 81-88 : илл
https://www.ester.ee/record=b2189971*est <https://digikogu.taltech.ee/et/Item/f65c4042-b55d-4b5b-b9b9-8a70cac2957d/>

Алгоритм удовлетворительного планирования технико-экономических показателей

Sutt, Jüri; Pukk, E.; Sprenk, V. Планирование и управление. Экономика строительства : [сборник статей] 1978 / с. 38-45
https://www.ester.ee/record=b1282598*est

Алгоритм численного обращения преобразования Лапласа в задачах нестационарной вязкоупругости

Arjassov, Gennadi; Снитко, А.; Улитин, В. Прочность и оптимизация конструкций = Konstruktsioonide tugevus ja optimeerimine 1989 / с. 157-167 https://www.ester.ee/record=b1230060*est <http://hdl.handle.net/10062/33762>

Алгоритмизация некоторых задач управления многостадийными дискретными технологическими процессами

Annus, Arno; Bachverk, Aleksander; Kiitam, Andres; Saks, Eva Анализ и синтез сложных систем и цепей с помощью ЭВМ 1985 / с. 163-175 https://www.ester.ee/record=b1302188*est <https://digikogu.taltech.ee/et/Item/d3cf4e09-498c-43ec-94b6-262978e711eb>

Алгоритмизация некоторых скалярных задач оптимальной настройки дискретных технологических процессов

Kiitam, Andres Анализ и синтез сложных систем и цепей с помощью ЭВМ 1986 / с. 51-69

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

Алгоритмы дискретного усреднения измерений в вольтметрах

Sillamaa, Hanno; Logunov, Gennadi Методы и средства обработки сигналов при наличии шумов 1982 / с. 73-80 : ил
https://www.ester.ee/record=b1312255*est <https://www.etera.ee/zoom/121735/view?page=1&p=separate&search=true&tool=search>

Алгоритмы для повторного расчета цепи методом редукции : выполнение одного цикла расчета

Ronk, Ants Моделирование и управление в системах технической кибернетики 1987 / с. 60-71

Алгоритмы для повторного расчета цепи методом редукции : выполнение расчетов, прикрепленных к одному узлу

Ronk, Ants Моделирование и управление в системах технической кибернетики 1987 / с. 50-59

Алгоритмы и эвристики о деревьях

Võhandu, Leo; Joonsaar, Jüri XXV студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 21-23 апреля 1981 года : тезисы докладов. Том 1, Общественные науки. Физико-

математические науки. Строительство. Экономика 1981 / с. 204 https://www.ester.ee/record=b1322624*est

Алгоритмы и структуры данных при анализе нелинейных цепей

Tiigimäe, Merike Автоматизация проектирования в электронике - система SPADE 1982 / с. 83-95 : ил
https://www.ester.ee/record=b1312243*est <https://digikogu.taltech.ee/et/Item/4bb3c838-273f-4f66-907d-fe44df0c246b>

Алгоритмы обработки результатов ситовых и качественных анализов горючих сланцев

Lauri, M.; Fadejeva, Rimma; Klementjeva, G. Горючие сланцы : информационная серия I 1977 / с. 24-26
https://www.ester.ee/record=b1889669*est

Алгоритмы оптимизации режима и расчета характеристик электростанций с учетом смражных факторов

Valdma, Mati; Viilup, Lembit; Keel, Matti; Möller, Kalju; Tammoja, Heiki Тезисы докладов на Совещании по теме "Оптимизация режимов работы энергосистем" (22-26 авг. 1977 г.) 1977 / с. [118-121]

Алгоритмы оценивания параметров моделей по несинхронным наблюдениям

Annus, Arno; Bachverk, Aleksander Математическое моделирование и управление технологическими процессами 1984 / с. 27-37 https://www.ester.ee/record=b1351791*est <https://digikogu.taltech.ee/et/Item/6dd2c10f-7b55-4064-8975-650bbd2fce5f>

Алгоритмы оценки параметров экспоненциальных сигналов

Arro, Ilmar Тезисы докладов Республиканской научно-технической конференции "Современные методы и устройства радиоэлектронного оборудования", посвященной Дню радио. [2], Секция: Компьютерный анализ сигналов и цепей 1981 / с. 23-24 https://www.ester.ee/record=b1310795*est

Алгоритмы расчета межфазных потоков в многокомпонентной системе ПАР-жидкость

Joarand, Heiki; Kallas, Juha 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. 187 https://www.ester.ee/record=b1322629*est

Алгоритмы реализации предикатов с кванторами, связанных с поиском данных реляционно-решетчатой структуры

Pauklin, Urmas Построение прикладных систем обработки данных - система ПАРЕС 1983 / с. 61-66 : ил
https://www.ester.ee/record=b1288982*est <https://digikogu.taltech.ee/et/Item/9cf4e403-1902-460c-9623-92ab29f08627>

Алгоритмы совместного оценивания состояния и параметров шумов непрерывных технологических процессов

Aarna, Olav; Metsanurm, Margus Анализ и синтез сложных систем и цепей с помощью ЭВМ 1988 / с. 46-56

Алгоритмы сокращенного вычисления дискретного преобразования Фурье

Arro, Ilmar Eesti Teaduste Akadeemia Toimetised. Füüsika. Matemaatika 1990 / 3, lk. 230-235

Алгоритмы топологического анализа электрических сетей

Raesaar, Peeter; Sild, Ants Вопросы стохастического управления режимами энергетических систем 1987 / с. 86-95

Алгоритмы формирования и характеристики деревьев упорядочения узлов цепи

Ronk, Ants; Saar, R. Анализ и синтез сложных систем и цепей с помощью ЭВМ 1988 / с. 74-86

Алгоритмы цифрового усреднения сигналов и их реализация микроэлектронным фильтром

Logunov, Gennadi; Sillamaa, Hanno Методы и микроэлектронные средства цифрового преобразования и обработки сигналов : тезисы докладов конференции, Т. 2 1983 / с. 174-176 https://www.ester.ee/record=b3715053*est

Алгоритмы цифровых устройств первичной обработки полосового сигнала

Arro, Ilmar Методы и микроэлектронные средства цифрового преобразования и обработки сигналов : тезисы докладов конференции 1983 / с.? https://www.ester.ee/record=b3715053*est

Алгоритмы, программы, спецпроцессоры многомерного дискретного преобразования Фурье : автореферат ... кандидата технических наук (05.13.01)

Trump, Tõnu 1990 http://www.ester.ee/record=b1258282*est

Анализ ошибок алгоритмов сокращенного вычисления дискретного преобразования Фурье для арифметики с фиксированной запятой

Trump, Tõnu Методы и алгоритмы цифровой обработки сигналов 1988 / с. 54-63

Анализ фазо- и частотно-нечувствительных алгоритмов оценки амплитуды гармонического сигнала

Heinrichsen, Vladimir; Martverk, Peep; Rusman, L. Труды по радиотехнике : сборник статей. 2 1975 / с. 9-13 : илл
https://www.ester.ee/record=b2190715*est <https://digikogu.taltech.ee/et/Item/7c870ec1-0e49-4f2b-a354-8e2133afce48>

Беспоисковые алгоритмы периодонечувствительной оценки эффективного значения сигнала : автореферат ... кандидата технических наук (05.13.01)

Martverk, Peep 1981 https://www.ester.ee/record=b1333035*est

Беспоисковые алгоритмы периодонечувствительной оценки эффективного значения сигнала : диссертация на соискание ученой степени кандидата технических наук

Martverk, Peep 1980 https://www.ester.ee/record=b4631438*est

Быстрые алгоритмы вычисления амплитуды и фазы радиосигнала

Arro, Ilmar; Ots, Avo Тезисы докладов Республиканской научно-технической конференции, посвященной Дню радио. Секция "Анализ и регистрация циклических процессов" 1980 / с. 18-19 https://www.ester.ee/record=b1304209*est

В будущем "умный" алгоритм сможет уменьшить счета за электричество [Online resource]

Harrik, Airika rus.err.ee 2022 ["В будущем "умный" алгоритм сможет уменьшить счета за электричество"](https://www.ester.ee/record=b1304209*est)

Возможности использования кластерного анализа и матричной концепции в сравнительном анализе

Vensel, Vello Võistlusprotsesside modelleerimine = Моделирование соревновательных процессов : (teoreetilise otsing ja praktilised lahendused) : vabariiklik teaduslik-praktiline konverents (Tallinn, 29.-30. oktoober 1987. aasta) : materjalide kogumik. 2. osa 1987 / с. 220 https://www.ester.ee/record=b1228466*es <https://www.digar.ee/viewer/et/nlib-digar:612394/406907/page/26>

Возможности применения вероятностного моделирования при разработке алгоритмов для АСУТП

Kiitam, Andres; Randma, R. Тезисы докладов республиканской конференции "Разработка и внедрение автоматизированных систем управления технологическими процессами для повышения эффективности производства и качества выпускаемой продукции" 1977 / с. 24-25 https://www.ester.ee/record=b1280771*est

Вопросы совместной оптимизации частотных и шумовых характеристик активных линейных цепей

Laksberg, Edgar; Ratassepp, Jaak; Tammet, Heinar; Ess, Viktor Тезисы докладов республиканской научно-технической конференции, посвященной Дню радио, Таллин, 1977 1977 / с. 83-84 https://www.ester.ee/record=b1313776*est

Вопросы создания средств обработки информации : (обработка данных, программирование)

1977 https://www.ester.ee/record=b1309533*est <https://digikogu.taltech.ee/et/Item/30c1c54d-a877-4ebb-8ed5-09949cafb0e1>

Выбор разбиений для итеративной декомпозиции конечных автоматов

Tammemäe, Kalle Машинное проектирование электронных устройств и систем 1988 / с. 35-42

Вывод алгоритмов оценки эффективного значения периодического сигнала произвольной формы и периода повторения

Martverk, Peep Теоретические основы методов и приборов измерения параметров слабых сигналов 1977 / с. 21-25 https://www.ester.ee/record=b1310662*est <https://digikogu.taltech.ee/et/Item/7121b5da-f4d1-474c-af67-2e0600ba0e11>

Вывод классов алгоритмов оценки амплитуды сигнала без оценки дополнительных параметров

Martverk, Peep Труды по радиотехнике : сборник статей. 2 1975 / с. 3-8 https://www.ester.ee/record=b2190715*est <https://digikogu.taltech.ee/et/Item/7c870ec1-0e49-4f2b-a354-8e2133afce48>

Генератор гипотез для качественных признаков

Kuusik, Rein, inform. Обработка данных. Построение трансляторов. Вопросы программирования 1987 / с. 141-148

Генератор модулей аппаратов химико-технологических схем

Rebane, Jüri Расчет и проектирование систем технической кибернетики 1983 / с. 27-34 : ил https://www.ester.ee/record=b1288991*est <https://digikogu.taltech.ee/et/Item/7d7515af-76b7-4d35-89a7-e80367d5b635>

Генерация отчетов в системе ТААТ

Parmakson, Priit Обработка данных. Построение трансляторов. Вопросы программирования 1988 / с. 141-153

Гибридные алгоритмы решения задач физики полупроводниковых приборов

Piroženko, Aleksander Численные методы и средства проектирования и испытания элементов твердотельной электроники : тезисы докладов республиканского совещания. Том I = Tahkekeha elektroonika elementide projekteerimise ja katsetamise numbrilised meetodid ja vahendid : vabariikliku nõupidamise ettekannete teesid. Kõide I 1989 / с. 150-152 : ил https://www.ester.ee/record=b1272248*est

Графическое представление алгоритма сокращенного вычисления дискретного преобразования Фурье

Arro, Ilmar Методы и средства измерения, преобразования и обработки информации : [сборник статей] 1987 / с. 8-18: ил https://www.ester.ee/record=b1272013*est

Гудовские преобразования сигналов в систолических структурах

Gurjanov, Boris; Tamm, Uljas; Lavrov, Mihhail; Belkina, I. I. Измерение и моделирование в электронике 1987 / с. 125-131

Имитация выполнения параллельных алгоритмов на однопроцессорной ЭВМ

Amitan, Irina Проблемы базы данных, построения трансляторов и анализа данных 1981 / с. 111-120

https://www.ester.ee/record=b1317426*est

Инвариантные алгоритмы обнаружения сигнала

Arro, Ilmar Методы и средства цифровой обработки сигналов 1984 / с. 7-16 https://www.ester.ee/record=b1302208*est

<https://digikogu.taltech.ee/et/Item/e49ece5a-b726-4a2f-860f-748b84670a0c>

Инструментальная экспертная система ХЭЛИ

Terandi, Jaak Обработка данных. Построение трансляторов. Вопросы программирования 1988 / с. 12-19

Использование БПФ для корреляционной обработки

Niinsalu, Udo Методы и средства цифровой обработки сигналов 1984 / с. 39-42 : ил https://www.ester.ee/record=b1302208*est

<https://digikogu.taltech.ee/et/Item/e49ece5a-b726-4a2f-860f-748b84670a0c>

Использование скользящего режима в алгоритмах оптимизации

Tõnismägi, Svetlana Республиканский симпозиум по методам решения нелинейных уравнений и задач оптимизации : Пярну, 5-10 июня 1978 года, тезисы докладов 1978 / с. 25-26 https://www.ester.ee/record=b1272504*est

Исследование алгоритма оценки частоты и амплитуды гармонического сигнала

Leibur, Guido; Martverk, Peep Тезисы докладов научно-технической конференции, посвященной Дню радио 1974 / с. 11

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

Исследование алгоритмов преобразования и аппроксимации параметров линейных систем и цепей на ЭВМ : автореферат ... кандидата технических наук (05.13.01)

Rüstern, Ennu 1976 https://www.ester.ee/record=b1301697*est

Исследование алгоритмов преобразования и аппроксимации параметров линейных систем и цепей на ЭВМ : диссертация на соискание ученой степени кандидата технических наук

Rüstern, Ennu 1975 https://www.ester.ee/record=b4630872*est

Исследование одного алгоритма оценивания состояния ХТС

Aarna, Olav; Teder, Toomas Математическое моделирование и управление технологическими процессами 1984 / с. 13-25 : ил

https://www.ester.ee/record=b1351791*est <https://digikogu.taltech.ee/et/Item/6dd2c10f-7b55-4064-8975-650bbd2fce5f>

Исследование эффективности численных алгоритмов моделирования проводящего состояния силовых полупроводниковых структур

Freidin, Boris Тезисы докладов Республиканской научно-технической конференции "Современные методы и устройства радиоэлектронного оборудования", посвященной Дню радио. Секция: полупроводниковые приборы 1981 / с. 34-35

https://www.ester.ee/record=b1310801*est

Исследование эффективности численных алгоритмов моделирования силовых полупроводниковых структур в проводящем состоянии

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

К вопросу преобразования граф-схемы алгоритма в логическую схему алгоритма

Jänes, Mart Известия высших учебных заведений. Приборостроение 1977 / с. 58-63 https://www.ester.ee/record=b3249125*est

К построению алгоритма оптимизации пространственных стержневых систем

Jõgi, Emma; Nõmme, M. Оптимальные системы и алгоритмы 1980 / с. 35-48 : илл https://www.ester.ee/record=b1264423*est

<https://digikogu.taltech.ee/et/Item/e16f197d-729e-4daf-a4a5-33f1c6b0a940>

К проблеме построения сетей микро-ЭВМ для реализации алгоритмов управления

Eledin, V.; Sudnitsõn, Aleksander; Tomilov, V. 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. 31 https://www.ester.ee/record=b1322629*est

К реализации одного алгоритма решения частотного управления на микрокомпьютерах типа СМ

Iijina, L.; Moissejeva, I.; Jasulovitš, Boriss XXX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 8-10 апреля 1986 года : тезисы докладов. Том I, Общественные науки. Физико-математические науки. Строительство. Экономика 1986 / с. 53 https://www.ester.ee/record=b1305540*est

Комплексный подход к системам проектирования элементов полупроводниковой и интегральной электроники

Rang, Toomas Машинное проектирование электронных устройств и систем 1988 / с. 149-165

Математические модели и алгоритмы решения задачи оптимального оперативно-календарного планирования на базе метода пространства состояний : на примере полупроводникового производства : автореферат ... кандидата экономических наук (08.00.13)

Krist, Vello-Jüri; Ennuste, Ülo 1979 https://www.ester.ee/record=b1548580*est

Матрицы Фурье и обобщенная форма прямого произведения

Gurjanov, Boriss Машинное проектирование электронных устройств и систем 1989 / с. 25-32

Машинный анализ электронных схем во временной области

Laksberg, Edgar Тезисы докладов научно-технической конференции, посвященной Дню радио 1974 / с.11-12

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

Метод алгоритмического генерирования тестов при контроле цифровых схем

Grigorjeva, Ksenja; Lohuaru, Tõnu; Evertson, Teet Синтез и диагностика цифровых устройств и систем 1982 / с. 75-83 : илл

https://www.ester.ee/record=b1328194*est <https://digikogu.taltech.ee/et/Item/febd586e-d7fa-4fbd-bf41-40576a75f94b>

Метод выбора разбиений для декомпозиции МПА с разделением входных переменных

Berkman, Boriss Синтез и диагностика цифровых устройств и систем 1982 / с. 93-105 https://www.ester.ee/record=b1328194*est

<https://digikogu.taltech.ee/et/Item/febd586e-d7fa-4fbd-bf41-40576a75f94b>

Метод и алгоритм оптимизации режима энергетической системы при случайной нагрузке

Valdma, Mati XX научная конференция, посвященная 25-летию Эстонской ССР 18-22 мая 1965 г. : тезисы и резюме 1965 / с.

70 https://www.ester.ee/record=b1359832*est

Метод накопления при структурно-корреляционной оценке амплитуды гармонического сигнала

Martverk, Peep; Heinrichsen, Vladimir Тезисы докладов научно-технической конференции, посвященной Дню радио 1974 / lk.

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

Метод синтеза многоуровневых систем операций, ориентированных на заданный класс алгоритмов

Jänes, Mart Первая международная конференция молодых ученых "Проблемы проектирования и применения дискретных систем в управлении" : тезисы докладов 1977 / с. 507-509 https://www.ester.ee/record=b2367700*est

Методика разработки моделей проектирования

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

Моделирование алгоритмов измерения амплитуды

Martverk, Peep; Hein, T. Тезисы докладов XXXI студенческой научно-технической конференции 1980 / с. 61

https://www.ester.ee/record=b1319482*est

Моделирование алгоритмов предварительной обработки пространственно-временных сигналов

Niinsalu, Udo; Pungar, Eda-Tiia Методы обработки и регистрации сигналов 1981 / с. 19-23 : илл

https://www.ester.ee/record=b1507633*est <https://digikogu.taltech.ee/et/Item/b58bba27-822f-44c3-8387-50d8a26bb3d3>

Моделирование многостадийных дискретных технологических процессов с групповой обработкой полуфабрикатов

Annus, Arno; Bachverk, Aleksander Анализ и синтез сложных систем и цепей с помощью ЭВМ 1985 / с. 177-186

https://www.ester.ee/record=b1302188*est <https://digikogu.taltech.ee/et/Item/d3cf4e09-498c-43ec-94b6-262978e711eb>

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

Монотонные системы в анализе сцен

Võhandu, Leo; Kukk, A. XXV студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской

ССР и Молдавской ССР, 21-23 апреля 1981 года : тезисы докладов. Том 1, Общественные науки. Физико-математические

науки. Строительство. Экономика 1981 / с. 206 https://www.ester.ee/record=b1322624*est

Нахождение передаточных функций по заданным частотным характеристикам на ЭВМ "Минск-22"

Rüstern, Ennu Тезисы докладов научно-технической конференции, посвященной Дню радио 1974 / с. 13

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

Некоторые алгоритмы идентификации на основе последовательности Лагерра

Rüstern, Ennu Республиканская научно-техническая конференция, посвященная Дню радио : тезисы докладов 1973 / с. 19-

21 https://www.ester.ee/record=b1383925*est

Некоторые алгоритмы статического расчета нелинейных систем типа висячих конструкций

Kulbach, Valdek Тезисы докладов Всесоюзной конференции "Современные методы и алгоритмы расчета и проектирования строительных конструкций с использованием ЭВМ", Таллин, с 18 по 20 октября 1979 года. Часть первая. [Секция] 1, Методы статического расчета. [Секция] 2, Методы динамического расчета 1979 / с. 35-36 https://www.ester.ee/record=b1271164*est

Некоторые вопросы автоматизации синтеза алгоритмов АСУ распределением продукции

Annus, Arno; Kiitam, Andres; Randma, R. Всесоюзное научно-техническое совещание "Автоматизация проектирования систем автоматического и автоматизированного управления" : тезисы докладов 1976 / с. 59-61 https://www.ester.ee/record=b1349811*est

Некоторые вопросы построения алгоритма исследования и оптимизации многоконтурных рам

Bogdanov, Sergei Оптимальные системы и алгоритмы 1980 / с. 49-58 : илл https://www.ester.ee/record=b1264423*est
<https://digikogu.taltech.ee/et/Item/e16f197d-729e-4daf-a4a5-33f1c6b0a940>

Новый алгоритм помогает туристам находить интересные направления для поездок [Online resource]

rus.err.ee 2021 ["Новый алгоритм помогает туристам находить интересные направления для поездок"](#)

О возможности расчета чувствительностей с помощью лагеровских разложений

Kukk, Vello; Kurm, Matti Тезисы докладов республиканской научно-технической конференции, посвященной 80-летию со дня изобретения радио А. С. Поповым 1975 / с. 55 https://www.ester.ee/record=b1322122*est

О комбинаторном алгоритме Редфилда-Рида

Mullat, Jossif Математические заметки 1969 / с. 213-223 <http://www.mathnet.ru/links/243ff7060b1d0d18c002684e2fa8fe36/mzm6925.pdf>
https://www.ester.ee/record=b2146988*est

О некоторых проблемах определения равновесия дефектов в бинарных полупроводниковых соединениях

Lott, Kalju; Türm, Leo Электронные материалы 1989 / с. 58-62

О поиске оптимальных параметров скольжения

Tõnismägi, Svetlana II симпозиум по методам решения нелинейных уравнений и задач оптимизации : Хаапсалу, 4-7 июня 1981 г., доклады и сообщения. Том I 1981 / с. 146-147 https://www.ester.ee/record=b1309357*est

О преобразовании матрицы предшествования в векторы предшествования

Liib, Donald Обработка данных, построение трансляторов, вопросы программирования 1983 / с. 95-109 : ил https://www.ester.ee/record=b1293913*est <https://www.etera.ee/zoom/120968/view?page=1&p=separate&search>

О применении LU-разложения при анализе электронных цепей на ЭВМ

Ronk, Ants Тезисы докладов республиканской научно-технической конференции, посвященной 80-летию со дня изобретения радио А. С. Поповым 1975 / с. 57 https://www.ester.ee/record=b1322122*est

О системе алгоритмов цифровых устройств

Jänes, Mart Методы машинного проектирования цифровых устройств и систем : материалы краткосрочного семинара, 14-15 июня 1977 / с. 5-8

О формировании марковских последовательностей случайных чисел с гамма, бета или хи-распределением

Koort, Ants Тезисы докладов республиканской научно-технической конференции, посвященной Дню радио, Таллин, 1977 1977 / с. 80-81 https://www.ester.ee/record=b1313776*est

Об алгоритме дистанционного определения параметров оболочки

Metsaveer, Jaan Труды Десятой Всесоюзной школы-семинара по статистической гидроакустике : [Сухуми, 17-21 окт. 1978 г.] 1980 / с. ?

Об алгоритме дистанционного определения толщины и материала оболочки

Metsaveer, Jaan Тезисы докладов республиканской научной конференции "Тонкостенные и пространственные конструкции" : с 14 по 16 ноября 1978 года 1978 / с. 32-33 https://www.ester.ee/record=b1314933*est

Об алгоритме определения упругих оболочек по эхо-сигналам

Kangur, Oleg; Madar, Urve; Ots, Avo; Heinrichsen, Vladimir IX Всесоюзная акустическая конференция. Доклады 1977 / с. 4-21

Об алгоритме оптимизации режима тепловой электростанции в условиях неполной информации

Tammoja, Heiki Идентификация динамических систем и процессов = Identification of dynamic systems and processes = Dinaminiq sistemų ir procesų identifikacija : [материалы к семинару] 1977 / с. 67-71 : илл https://www.ester.ee/record=b2379826*est

Об одной задаче упорядочения обслуживания работ на одной машине

Mištsenko, Andrei Построение трансляторов, обработка данных, вопросы программирования 1980 / с. 149-155 : илл
https://www.ester.ee/record=b1264940*est <https://digikogu.taltech.ee/et/Item/c45a8e3c-2112-4737-8026-a158196b9d12>

Об одном методе определения схожести цепочек символов

Rohlla, Hanno Обработка данных, построение трансляторов, вопросы программирования 1984 / с. 71-80
https://www.ester.ee/record=b1538632*est <https://digikogu.taltech.ee/et/Item/46a2761f-8fd6-42eb-bd9e-a89c6d2b0577>

Об уточненном определении усилий в тонкостенном железобетонном элементе по экспериментально полученным деформациям

Otsmaa, Vello Тезисы докладов Всесоюзной конференции "Современные методы и алгоритмы расчета и проектирования строительных конструкций с использованием ЭВМ", Таллин, с 18 по 20 октября 1979 года. Часть первая.[Секция] 1, Методы статического расчета. [Секция] 2, Методы динамического расчета 1979 / с. 53-55 https://www.ester.ee/record=b1271164*est

Обобщенный алгоритм сокращенного вычисления дискретного косинусного преобразования

Arro, Ilmar Методы и алгоритмы цифровой обработки сигналов 1988 / с. 35-44

Одновременное оценивание коэффициентов регрессионной и скедастичной модели

Saks, T.; Annus, Arno XX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР : тезисы докладов. Часть 1 1974 / с. 130 https://www.ester.ee/record=b1306141*est

Описание моделей проектирования. Средства обслуживания базы знаний

Eljas, Olev Автоматизация технологического проектирования процессов механической обработки 1985 / с. 21-26
https://www.ester.ee/record=b1302673*est <https://digikogu.taltech.ee/et/Item/45592add-009b-4d78-933d-ad717aef92f5>

Определение величины незавершенного производства при обработке партии деталей

Randla, Riina Занятость и развитие промышленности ЭССР в перспективном периоде 1988 / с. 144-152

Оптимальная обработка интерферирующих радиоимпульсов

Arro, Ilmar; Sullakatko, Toomas Теоретические основы методов и приборов измерения параметров слабых сигналов 1978 / с. 33-37 https://www.ester.ee/record=b1507107*est <https://digikogu.taltech.ee/et/Item/1524861c-27a1-4936-be6e-31160db82c3b>

Оптимальные алгоритмы устройств декомпозиции сигнала

Arro, Ilmar; Sullakatko, Toomas Тезисы докладов Республиканской научно-технической конференции, посвященной Дню радио. Секция "Анализ и регистрация циклических процессов" 1980 / с. 20-21 https://www.ester.ee/record=b1304209*est

Оптимальный алгоритм оценки остаточных фаз перекрывающихся радиоимпульсов

Arro, Ilmar Тезисы докладов Республиканской научно-технической конференции "Современные методы и устройства радиоэлектронного оборудования", посвященной Дню радио. [2], Секция: Компьютерный анализ сигналов и цепей 1981 / с. 21-22 https://www.ester.ee/record=b1310795*est

Оптимизация памяти анализатора грамматики предшествования редуцируемой с (1;1)-ОКК

Liib, Donald Обработка данных, построение трансляторов, вопросы программирования 1984 / с. 81-89 : илл
https://www.ester.ee/record=b1538632*est <https://digikogu.taltech.ee/et/Item/46a2761f-8fd6-42eb-bd9e-a89c6d2b0577>

Оптимизация параметров частотнонезависимых алгоритмов оценки амплитуды

Heinrichsen, Vladimir; Belova, N.I.; Martverk, Peep Теоретические основы методов и приборов измерения параметров слабых сигналов 1977 / с. 15-20 : илл https://www.ester.ee/record=b1310662*est <https://digikogu.taltech.ee/et/Item/7121b5da-f4d1-474c-af67-2e0600ba0e11>

Оптимизация расположения границ группирования в алгоритмах компенсационного управления для многостадийных технологических процессов

Kiitam, Andres Разработка систем сбора и обработки технологических данных в силовом полупроводниковом приборостроении : тезисы отраслевого научно-технического семинара (Вильянди, Эстонская ССР, июль) 1980 / с. 44-47
https://www.ester.ee/record=b1338980*est

Оценка параметров интерферирующих радиоимпульсов методом наименьших квадратов

Arro, Ilmar; Sullakatko, Toomas Теоретические основы методов и приборов измерения параметров слабых сигналов 1978 / с. 39-43 https://www.ester.ee/record=b1507107*est <https://digikogu.taltech.ee/et/Item/1524861c-27a1-4936-be6e-31160db82c3b>

Оценка социально-экономических зависимостей со структурными изменениями. 1, Алгоритм динамического программирования

Õunaruu, Enn Обработка данных, построение трансляторов, вопросы программирования 1983 / с. 31-40 : илл
https://www.ester.ee/record=b1293913*est <https://www.etera.ee/zoom/120968/view?page=1&p=separate&search>

Оценка социально-экономических зависимостей со структурными изменениями. 2, Эвристический алгоритм

Õunaruu, Enn Обработка данных, построение трансляторов, вопросы программирования 1983 / с. 41-48

https://www.ester.ee/record=b1293913*est <https://www.etera.ee/zoom/120968/view?page=1&p=separate&search>

Оценка числа перекрывающихся импульсов по методу максимального правдоподобия

Müller, E. Методы и средства цифровой обработки сигналов 1984 / с. 85-94 : ил https://www.ester.ee/record=b1302208*est
<https://digikogu.taltech.ee/et/Item/e49ece5a-b726-4a2f-860f-748b84670a0c>

Повышение эффективности численных алгоритмов моделирования проводящего состояния силовых полупроводниковых структур

Freidin, Boris; Rubinštein, M.J. Расчет и проектирование приборов, устройств и систем технической кибернетики 1981 / с. 21-26 https://www.ester.ee/record=b1319172*est <https://digikogu.taltech.ee/et/Item/4c9b1559-97b9-4d9b-bac8-6c40840ba442>

Повышение эффективности численных алгоритмов моделирования силовых полупроводниковых структур в проводящем состоянии

Rubinštein, M.; Freidin, Boris 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. 18-19 https://www.ester.ee/record=b1322629*est

Подготовка алгоритмов и базы данных построения технологических маршрутов обработки деталей

Küttner, Rein; Stepanov, Viktor Автоматизация технологического проектирования процессов механической обработки 1978 / с. 13-22 : илл https://www.ester.ee/record=b1499365*est <https://digikogu.taltech.ee/et/Item/ed16ee0b-6a27-4a07-8f1b-c41704856120>

Представление алгоритмов проектирования в инструментальных системах построения САПР-ТП

Küttner, Rein Автоматизация технологического проектирования процессов механической обработки 1984 / с. 3-14 : ил https://www.ester.ee/record=b1402200*est <https://digikogu.taltech.ee/et/Item/2a02921a-a04f-4858-90d5-21d80e7028c8>

Приближенная оптимизация алгоритмов компенсационного управления с режимными ограничениями для многостадийных технологических процессов

Kiitam, Andres; Saks, Eva Расчет и проектирование систем технической кибернетики 1983 / с. 55-65
https://www.ester.ee/record=b1288991*est <https://digikogu.taltech.ee/et/Item/7d7515af-76b7-4d35-89a7-e80367d5b635>

Применение алгоритмов обработки статистических рядов малого объема на примере данных, полученных в результате наблюдений в акватории Финского залива

Власов О.Б.; Усанов В.П. VIII симпозиум по проблемам качества воды водоемов : тезисы докладов, Таллинн, 23-25 октября 1990 г 1990 / с. 25-28

Применение алгоритмов сегментации временных рядов при гидроакустических исследованиях морского дна

Müller, E. Методы цифровой обработки и хранения радиотехнических сигналов 1987 / с. 35-46

Программа расчета минимаксных характеристик электростанций

Lelumees, Heino Вопросы стохастического управления режимами энергетических систем 1984 / с. 39-44 : ил https://www.ester.ee/record=b1522851*est <https://digikogu.taltech.ee/et/Item/8b301d9a-ae8-41d5-8fbc-8273e74247fb>

Программная реализация процедур оптимизации алгоритмов компенсационного управления

Saks, Eva Моделирование и оптимизация проектных решений в САПР : тезисы докладов V Всесоюзного совещания по автоматизации проектирования электротехнических устройств, [31 мая-2 июня 1983 года, город Выру]. Часть 2 1983 / с. 91-93 https://www.ester.ee/record=b1313540*est

Разработка оптимизационных критериев и алгоритмов для задач синтеза цифровых управляющих устройств

Mihailov, I.; Berkman, Boriss XXXII студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 19-21 апреля 1988 г. : тезисы докладов : [в 3-х частях], ч. 1 1988 / с. 71
https://www.ester.ee/record=b1571601*est

Распараллеливание и сетевые реализации конечно-автоматных алгоритмов управления

Keevallik, Andres Пятая всесоюзная школа-семинар "Распараллеливание обработки информации" : тезисы доклады и сообщения 1985 / с. 63-64

Расстояние от неуправляемой модели

Raiend, Kullo Анализ и синтез сложных систем и цепей с помощью ЭВМ 1988 / с. 34-45

Расчёт и оптимизация резистивных цепей методом линейного программирования

Laksberg, Edgar; Nelus, K. Тезисы докладов Республиканской научно-технической конференции "Современные методы и устройства радиоэлектронного оборудования", посвященной Дню радио. [2], Секция: Компьютерный анализ сигналов и цепей 1981 / с. 11-12 https://www.ester.ee/record=b1310795*est

Реализация сетей автоматов на микропроцессорных БИС

Sudnitsõn, Aleksander; Berkman, Boriss Расчет и проектирование систем технической кибернетики 1984 / с. 45-56 : ил

https://www.ester.ee/record=b1549179*est <https://digikogu.taltech.ee/et/Item/99cc4681-4aa3-466a-b6da-b76f575d0f1e>

Решатель вычислительных задач

Tõugu, Enn Журнал вычислительной математики и математической физики 1974 / с. 992-1004

https://www.ester.ee/record=b2141983*est

Решение задачи рационального распределения ресурсов в системе СПУ

Korrovits, Harri Экономическая эффективность повышения производительности труда, снижения себестоимости и

упорядочения планирования в строительстве 1978 / с. 3-15 : илл https://www.ester.ee/record=b1356356*est

<https://digikogu.taltech.ee/et/Item/0184c973-b241-425b-a441-dccf3ed8c976>

Смешанные триггерные пары и кодирование состояний автомата

Leis, Paul; Keevallik, Andres; Jüris, A. Расчет и проектирование систем технической кибернетики 1984 / с. 97-104

https://www.ester.ee/record=b1549179*est <https://digikogu.taltech.ee/et/Item/99cc4681-4aa3-466a-b6da-b76f575d0f1e>

Сокращенное вычисление двумерного дискретного преобразования Фурье

Arto, Ilmar; Trump, Tõnu Методы и алгоритмы цифровой обработки сигналов 1988 / с. 45-53

Сравнение некоторых алгоритмов оптимизации систем расщепленной компенсации

Kiitam, Andres Математические методы оптимального управления и их приложения : Международный советско-польский семинар, Минск, СССР, 16-19 мая 1989 г. : тезисы докладов 1989 / с. 171

Сравнительный анализ некоторых алгоритмов сортировки

Jaaksoo, K.; Lippus, Jüri XXX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 8-10 апреля 1986 года : тезисы докладов. Том I, Общественные науки. Физико-математические науки. Строительство. Экономика 1986 / с. 42 https://www.ester.ee/record=b1305540*est

Статистический анализ тренда

Krivenko, M.P.; Matskevits, I.V.; Võhandu, Leo Обработка данных. Построение трансляторов. Вопросы программирования 1987 / с. 39-48

Структурно-корреляционные алгоритмы оценки амплитуды гармонического сигнала

Kangur, Oleg; Martverk, Peep Труды по радиотехнике : сборник статей. 1 1974 / с. 11-16 : илл

https://www.ester.ee/record=b2190658*est <https://digikogu.taltech.ee/et/Item/5cef14c6-ad1c-48d0-970c-a5748f195738>

Структурно-корреляционные алгоритмы оценки частоты : (депонированная статья)

Kangur, Oleg Труды по радиотехнике : сборник статей. 1 1974 / с. 17-18 https://www.ester.ee/record=b2190658*est

<https://digikogu.taltech.ee/et/Item/5cef14c6-ad1c-48d0-970c-a5748f195738>

Структурные схемы и алгоритмы работы цифровых систем регулирования

Kracht, Wilhelm XX научная конференция, посвященная 25-летию Эстонской ССР 18-22 мая 1965 г. : тезисы и резюме 1965

/ с. 65 https://www.ester.ee/record=b1359832*est

Теоретические основы построения алгоритма процесса уравнивания величин при разработке отчетного матричного баланса n-объектного комплекса : (в условиях выборочного наблюдения)

Linnaks, Erik Статистика и экономический анализ 1977 / с. 65-76 : илл https://www.ester.ee/record=b1309508*est

<https://digikogu.taltech.ee/et/Item/97c01d52-3148-45bc-a11e-6c8e2ad5e912>

Теоретическое обоснование алгоритмов для определения параметров сферических и цилиндрических оболочек по эхо-сигналам

Metsaveer, Jaan Акустический журнал 1975 / с. 141-143 https://www.ester.ee/record=b1355881*est

Функциональный подход к созданию математических моделей дискретных объектов на обобщенных альтернативных графах

Alango, Villem Машинное проектирование электронных устройств и систем 1988 / с. 43-54

Фурье- и Хаараподобные матрицы

Gurjanov, Boris Обработка сигналов на базе микропроцессоров и микро-ЭВМ : тезисы докладов третьей секции

республиканской научно-технической конференции "Применение микропроцессоров в народном хозяйстве" 1988 / с. 14-15

https://www.ester.ee/record=b1224197*est

Частотнонезависимые алгоритмы оценки амплитуды гармонического сигнала

Martverk, Peep; Heinrichsen, Vladimir Теоретические основы методов и приборов измерения параметров слабых сигналов

1977 / с. 9-13 : илл https://www.ester.ee/record=b1310662*est <https://digikogu.taltech.ee/et/Item/7121b5da-f4d1-474c-af67-2e0600ba0e11>

Экспериментальное исследование алгоритмов синтеза контрольных последовательностей для управляющих

автоматов

Kruus, Margus; Salum, Kaja Машинное проектирование электронных устройств и систем 1989 / с. 33-42

Эстонцы принимают новые решения на основе ИИ теплее, чем немцы

Harrik, Airika rus.err.ee 2024 [Эстонцы принимают новые решения на основе ИИ теплее, чем немцы](#)

Эффективный алгоритм для одномерного численного моделирования полупроводниковых структур

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

Эффективный численный алгоритм моделирования одномерных полупроводниковых структур

Freidin, Boris Проблемы моделирования полупроводниковых структур и сложных схем на ЭВМ 1982 / с. 39-48

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