

### **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

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

**Veskioja, Tarmo; Vöhandu, 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](https://www.researchgate.net/publication/254104997_A_FRAMEWORK_FOR_SOLVING_HARD_VARIANTS_OF_STABLE_MATCHING_WITHIN_A_LIMITED_TIME)

### **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

### **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

### **A new inductive learning algorithm based on monotone system theory**

**Roosmann, Peeter; Vöhandu, 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 graafiskeemi 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](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>

### **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

#### **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

#### **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>

#### **Aerolaserskaneerimise 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](https://www.ester.ee/record=b1299966*est)

#### **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 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>

#### **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>

#### **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](https://www.ester.ee/record=b1181335*est)

#### **Algoritmi koostamine kujutava geomeetria ülesande lahendamiseks elektronarvutil**

**Gogolev, A.; Strižak, 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](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](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

#### **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

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

**Spitšakova, 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**

**Spitšakova, Margarita** Proceedings of the Estonian Academy of Sciences 2013 / p. 39-46

**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](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\\_Maximum\\_Clique](https://www.researchgate.net/publication/221451751_An_Extended_Comparison_of_the_Best_Known_Algorithms_for_Finding_the_Unweighted_Maximum_Clique)

**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; 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](https://doi.org/10.1007/978-981-10-5122-7_235)

**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

**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

**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](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

**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 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](https://www.researchgate.net/publication/242103446_Applying_AI_and_Incomplete_Solution_Principles_to_Solve_NP-hard_Problems_in_the_Real-Time_Systems)

**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 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 intelligence in the maximum clique finding problem applications**

**Kumlander, Deniss** Proceedings of the WSEAS Conference : 7th WSEAS International Conference on Automation & Information (ICAI'06) : Cavtat, Croatia, June 13-15, 2006 2006 / p. 132-137

[https://www.researchgate.net/publication/234778320\\_Artificial\\_intelligence\\_in\\_the\\_maximum\\_clique\\_finding\\_problem\\_applications](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, O.; Belov, A.; Shmygol, N.; **Järvis, Marina**; Cherniavska, O.; Tsalko, T. 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](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**

**Hiimaa, 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 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

**An automated method for mining high-quality assertion sets**

**Heidari Iman, Mohammadreza; Raik, Jaan; Jenihhin, Maksim; Jervan, Gert; Ghasempouri, Tara** Microprocessors and microsystems 2023 / art. 104773 <https://doi.org/10.1016/j.micpro.2023.104773>

**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 / p. 13-16 : ill <https://ieeexplore.ieee.org/document/6116601>

### **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](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](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 / [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](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-technology 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 / 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; **Gorbatšova, 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 algoritmitseerimine**

**Firsov, Denis** 2016 <http://digi.lib.ttu.ee/i/76213>

### **Certified CYK parsing of context-free languages**

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

### **A chameleon algorithm for solving economic dispatch problem in microgrid system**

**Zahraoui, Younes;** Alhamrouni, Ibrahim; Mekhilef, Saad; **Korōtko, Tarmo;** Jusoh, Awang; Sutikno, Tole Bulletin of electrical engineering and informatics 2023 / p. 1982-1992 <https://doi.org/10.11591/eei.v12i4.4700>

### **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>

### **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 / 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

### **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

### **Combinatorial algorithms of discrete mathematics**



Zakrevskij, Arkadij; Pottosin, Yu.; Cheremisinova, L. 2008 [http://www.ester.ee/record=b2350865\\*est](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](http://www.compumag.org/CMAG2017/[OA1-2]_131.pdf)

**Combined safety and cybersecurity testing methodology for autonomous driving algorithms**

**Roberts, Andrew; 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>

**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](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

**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 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](https://www.ester.ee/record=b5353358*est) <http://ceur-ws.org/Vol-2668/short2.pdf>  
[Conference proceedings at Scopus](#) [Article at Scopus](#)

**Complex delay fault reasoning with sequential 7-valued algebra**

**Kõusaar, Jaak; Ubar, Raimund-Johannes; Aleksejev, Igor** 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](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>

**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>

**Covering algorithms for a robot swarm with limited information = Katvusalgorithmid piiratud teadmusbaasiga robotiparvede jaoks**

**Puusepp, Andres** 2017 <https://digi.lib.ttu.ee/79124> [https://www.ester.ee/record=b4694737\\*est](https://www.ester.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](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

### **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

### **Critical path tracing based simulation of transition delay faults**

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

### **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

### **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

### **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, October 1-3, 2003 2003 / p. 119-126 : tab

### **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, Nelliärve 2011 / p. 79-82 : ill

### **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](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

### **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](https://doi.org/10.1007/978-981-33-6470-7_5) [Collection metrics at Scopus](#) [Article at Scopus](#)

### **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**

**Balasubramanian, Sreram; Srinivasan, Seshadri; Buonopane, Furio; Balasubramanian, Subathra; Vain, Jüri; Ramaswamy, Srin** Microprocessors and microsystems 2016 / p. 37-48 : ill <http://dx.doi.org/10.1016/j.micpro.2015.12.006>

### **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 terahertsikiirgurite modelleerimismeetodite ja -algoritmide arendus ja optimeerimine**

**Reeder, Reeno** 2014 [https://www.ester.ee/record=b3084247\\*est](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 2018 / p. 1-4 : ill <http://doi.org/10.1109/ELECTRONICS.2018.8443645>

#### **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](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

#### **Discontinuity-driven mesh alignment for evolving discontinuities in elastic solids**

**Berezovski, Mihhail; 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, Hillar; Ainola, Leo** International Conference on Advanced Technology in Experimental Mechanics : The Second Asian Conference on Experimental Mechanics, Nagoya, 2003 2003 / [6] p

#### **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/?8449> [https://www.ester.ee/record=b4689427\\*est](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>

#### **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 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 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; **De Luca, Francesco**; Nejur, Andrei; **Madelat, Payam** eCAADe 2023: Digital Design Reconsidered: Proceedings of the 41st 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>

### **Eesti inimene võtab uue tehisaru-lahenduse vastu sakslasest soojemalt**

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

### **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**; 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](#)

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

**Sarnet, Tanel**; **Kilter, Jako** 2022

### **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](#)

### **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

### **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

### **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>

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

### **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>

### **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** Proceedings of the 2015 Design, Automation & Test in Europe Conference & Exhibition (DATE) : 9-13 March 2015, Grenoble, France 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

### **Forecasting of energy consumption and production using recurrent neural networks**

**Shabbir, Noman; Kütt, Lauri**; Jawad, Muhammad; **Iqbal, Muhammad Naveed; Ghahfarokhi, Payam Shams** Advances in electrical and electronic engineering 2020 / p. 190–197 <https://doi.org/10.15598/aeet.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](#)

### **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>

### **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](https://www.ester.ee/record=b5542953*est)

### **gapFinisher : A reliable gap filling pipeline for SSPACE-LongRead scaffold 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

### **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>

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

**Shvarts, Dmitry** 2013 [https://www.ester.ee/record=b2967928\\*est](https://www.ester.ee/record=b2967928*est)

### **Grammatikate tuletus ja automaatide induktsioon**

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

### **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>

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

**Mihhailov, Dmitri** 2011 [https://www.ester.ee/record=b2748823\\*est](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 "](#)

### **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

### **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](https://www.ester.ee/record=b1578107*est)

### **Hiidarvude teguriteks lahutamisest**

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

### **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, Kaia 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

### **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](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](https://doi.org/10.1007/978-3-030-53949-8_16)

### **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

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

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

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

Tsiskaridze, Rusudan; Reinhold, Karin; Jarvis, Marina AI IN BUSINESS : proceedings of the scientific workshop on business implications of artificial intelligence, June 7, 2022 2022 / p. 23-25 : ill [https://www.ester.ee/record=b5506022\\*est](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 2017 / [6] p. : ill <https://doi.org/10.1109/IPTA.2016.7820980>

### **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. [Ilj] 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](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 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](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** AIP conference proceedings 2024 / art. 030006 <https://doi.org/10.1063/5.0189502>

### **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, Gijon, 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](https://www.ester.ee/record=b1067580*est)

### **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 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](http://www.ester.ee/record=b1519314*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](https://artiklid.elnet.ee/record=b1017273*est)

## **Klassidiagrammide automaatpaigutus**

**Kuusik, Ago** 1994 [https://www.ester.ee/record=b2111062\\*est](https://www.ester.ee/record=b2111062*est)

## **Knowledge-based signal smoothing**

Dobrowiecki, Tadeusz; Wahab, Abdulrahim Automation, simulation & measurement : ASM'91 : 3rd biennial conference, Tallinn, October 7-11, 1991. Section A. Section M / Tallinn Technical University 1992 / p. 108-121: ill

## **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](https://artiklid.elnet.ee/record=b1019103*est)

## **Kuidas ökonoomsemalt lahendada lineaarse planeerimise ülesannet?**

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

## **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](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](https://www.ester.ee/record=b2449987*est)

## **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](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](https://artiklid.elnet.ee/record=b1451686*est)

## **Liitobjektide identifitseerimisest distantismeetodil : magistritöö**

**Sullakatko, Toomas** 1992 [https://www.ester.ee/record=b2629856\\*est](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](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

## **Maatriksalgoritmide tähtsusest ehitismehaanikas**

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



### **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](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

### **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

### **A methodology for automated mining of compact and accurate assertion sets**

Heidari Iman, Mohammadreza; 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](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>

### **Model checking emerging behavior properties of robot swarms**

Juurik, Silver; Vain, Jüri 21st Nordic Workshop on Programming Theory: NWPT 2009 : Lyngby, Denmark, 14-16 October 2009 : proceedings 2009 / p. 68-70  
[https://www.researchgate.net/publication/228525009\\_Model\\_checking\\_of\\_emergent\\_behaviour\\_properties\\_of\\_robot\\_swarms](https://www.researchgate.net/publication/228525009_Model_checking_of_emergent_behaviour_properties_of_robot_swarms)

### **Model checking 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](https://www.researchgate.net/publication/228525009_Model_checking_of_emergent_behaviour_properties_of_robot_swarms)

### **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>

### **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 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  
<https://doi.org/10.1109/ICIT.2019.8755041>

### **Modified particle swarm optimization algorithm based on gravitational field interactions**

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

### **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](#)

## **Monotoonsed süsteemid ja nende rakendused [Võrguteavik]**

**Võhandu, Leo; Kuusik, Rein, inform.; Lind, Grete** 2019 [https://issuu.com/monotsys/docs/monotoonsed\\_s\\_steemid](https://issuu.com/monotsys/docs/monotoonsed_s_steemid)

## **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, Iuliia; 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 algoritme uurimine**

**Leonavičius, R.; 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](https://www.ester.ee/record=b2449987*est)

## **New concepts of automatic answer evaluation in competence based learning**

**Umbleja, Kadri; Kukk, 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

## **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](#)

## **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](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.; Carrault, 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](https://www.ester.ee/record=b2449987*est)

## **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>

## **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>

### **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

[http://www.kirj.ee/public/proceedings\\_pdf/2018/issue\\_4/proc-2018-4-325-336.pdf](http://www.kirj.ee/public/proceedings_pdf/2018/issue_4/proc-2018-4-325-336.pdf) <https://doi.org/10.3176/proc.2018.4.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [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 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; Tõnso, Maris; Wyrwas, Małgorzata** Proceedings of the Estonian Academy of Sciences 2016 / p. 220-236 <http://dx.doi.org/10.3176/proc.2016.3.02> [https://artiklid.elnet.ee/record=b2798394\\*est](https://artiklid.elnet.ee/record=b2798394*est)

### **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

### **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>

### **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>

### **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>

### **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](https://www.researchgate.net/publication/245491476_Optimization_of_car_frontal_protection_system)

### **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](#)

## 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>

## 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](#)

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

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

## 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

## 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](#)

## 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; Michael, Perl; **Belikov, Juri**; Yoash, Levron Energy reports 2023 / p. 397-413 <https://doi.org/10.1016/j.egy.2022.11.182>

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

**Errapart, Andrei** 2012 <https://digi.lib.ttu.ee/ii/?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](#)

## Polüetüleenil autoklaavse pürolüüsi kineetika algoritmid

**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](https://doi.org/10.1007/978-3-030-75075-6_28) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **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] [https://www.researchgate.net/publication/221936231\\_Probabilistic\\_Leak\\_Detection\\_in\\_Pipe\\_Networks\\_Using\\_the\\_SCEM-UA\\_Algorithm](https://www.researchgate.net/publication/221936231_Probabilistic_Leak_Detection_in_Pipe_Networks_Using_the_SCEM-UA_Algorithm)

### **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 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](https://www.ester.ee/record=b2060802*est)

### **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

### **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

### **Raamatupidamisalgoritmide koostamisest : metoodiline juhend kaugõppele**

**Linnaks, Erik; Sarapik, Juta** 1968 [https://www.ester.ee/record=b1348802\\*est](https://www.ester.ee/record=b1348802*est)

### **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](https://www.ester.ee/record=b3087313*est)



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

**Zahraoui, Younes; Korõtko, Tarmo; Rosin, Argo; Khalil Zidane, T. E.; Mekhilef, Saad** IEEE Access 2024 / p. 44135-44146  
<https://doi.org/10.1109/ACCESS.2024.3369899>

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

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

### **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](https://www.ester.ee/record=b4530005*est)

### **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](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](https://www.ester.ee/record=b2557768*est)

### **Research and development of electricity auction for microgrids = Mikrovõrkude elektriüksjoni uurimine ja väljatöötamine**

**Korõtko, 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](https://www.ester.ee/record=b5645517*est)

### **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](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 / 57 p <https://doi.org/10.1007/s11277-024-10894-x>

### **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 võidelda vaid inimeste abiga**

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

### **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 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 (IWED) : Moscow Power Engineering Institute, Moscow, Russia, 30th of January - 2nd of February 2019 : proceedings 2019 / 6 p. : ill <https://doi.org/10.1109/IWED.2019.8664397>

### **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

**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](https://www.academia.edu/14380281/Semantics_on_Mobile_Robot_Algorithms_Development)

**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](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 algoritmi 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](http://www.ester.ee/record=b4650094*est)

**Signaali efektiivväärtuse periooditundetud hindamisalgoritmid : magistritöö : eriala 05.11.08**

**Raja, Aimur** 1992 [https://www.ester.ee/record=b2631817\\*est](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](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 2017 / p. 201-202  
[http://www.ester.ee/record=b4650094\\*est](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. IECIE 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

### **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>

### **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](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=b5432623\\*est](https://www.ester.ee/record=b5432623*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](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](https://www.ester.ee/record=b2097511*est)

### **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

### **Stabiilne paaripaneke : (pühendusega koolidirektoritele)**

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

### **Stabiilsest paaripanekest. Lähikäimise kulud paaripaneikul ehk tehingukulud kahepoolsetel turgudel**

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

### **Stable marriage problem and college admission**

**Veskioja, Tarmo** 2005 [https://www.ester.ee/record=b2097477\\*est](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](https://www.ester.ee/record=b4526723*est)

### **Stig Rästa idufirma lubab suurt tootlust kasutades kauplemisrobotit [Võrguväljaanne]**

Väärtmaa, Taigar [arileht.delfi.ee](http://arileht.delfi.ee) 2022 ["Stig Rästa idufirma lubab suurt tootlust kasutades kauplemisrobotit"](https://artiklid.elnet.ee/record=b1014280*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>

### **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

## **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 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](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 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](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>

## **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, Memona; 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>

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

**Janson, Karl** 2021 [https://www.ester.ee/record=b5396084\\*est](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](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>

### **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

### **Tools and Techniques for event log analysis**

**Vaarandi, Risto** 2005 [https://www.ester.ee/record=b2045293\\*est](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

### **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.; **Keevallik, 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 <http://dx.doi.org/10.1016/j.micpro.2015.05.003>

### **Translaator keelest WANG 2200 Beisik keelde PL/I-DOS**

**Paluoja, R.; Vooglaid, 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](https://www.ester.ee/record=b2449987*est)

### **Tuleviku elektriareid võib vähendada nutikas algoritm [Võrguväljaanne]**

Harrik, Airika novaator.err.ee 2022 ["Tuleviku elektriareid võib vähendada nutikas algoritm"](https://novaator.err.ee/2022/04/26/tuleviku-elektriareid-voib-vaehendada-nutikas-algoritm)

### **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](https://www.ester.ee/record=b1232303*est)

### **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>

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

**Astrova, 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](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>

### **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](https://www.ester.ee/record=b1072243*est)

### **Uus algoritm soovitab tõeliselt atraktiivseid reisisihtkohti**

Mente et Manu 2021 / lk. 13 : fot [https://www.ester.ee/record=b1242496\\*est](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](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

### **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 ; 1 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>

## **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](http://www.ester.ee/record=b1491756*est)

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

## **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://www.ester.ee/record=b2085069*est) <https://digikogu.taltech.ee/et/Item/67a1c9b6-c10c-4843-9d90-1f0bf1e601ba>

## **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://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](https://www.ester.ee/record=b1271175*est)

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

## **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://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**

**Jöers, Rein; Kalm, Evald** Труды по электротехнике и автоматике : сборник статей. 8 1970 / с. 81-88 : илл  
[https://www.ester.ee/record=b2189971\\*est](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](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](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

#### **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](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

#### **Алгоритмы и эвристики о деревьях**

**Võhandu, Leo; Joon Saar, 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](https://www.ester.ee/record=b1322624*est)

#### **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](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 Советании по теме "Оптимизация режимов работы энергосистем" (22-26 авг. 1977 г.) 1977 / с. [118-121]

#### **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](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](https://www.ester.ee/record=b1322629*est)

#### **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 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](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](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](http://www.ester.ee/record=b1258282*est)

**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://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](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](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](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 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](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](https://www.ester.ee/record=b1313776*est)

**Вопросы создания средств обработки информации : (обработка данных, программирование)**  
1977 [https://www.ester.ee/record=b1309533\\*est](https://www.ester.ee/record=b1309533*est) <https://digikogu.taltech.ee/et/Item/30c1c54d-a877-4ebb-8ed5-09949cafb0e1>

**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://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://www.ester.ee/record=b2190715*est)  
<https://digikogu.taltech.ee/et/Item/7c870ec1-0e49-4f2b-a354-8e2133afce48>

**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 : илл  
[https://www.ester.ee/record=b1272248\\*est](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](https://www.ester.ee/record=b1272013*est)

**Инвариантные алгоритмы обнаружения сигнала**  
**Arro, Ilmar** Методы и средства цифровой обработки сигналов 1984 / с. 7-16

**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](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](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](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](https://www.ester.ee/record=b4630872*est)

**Исследование эффективности численных алгоритмов моделирования проводящего состояния силовых полупроводниковых структур**

Freidin, Boris Тезисы докладов Республиканской научно-технической конференции "Современные методы и устройства радиоэлектронного оборудования", посвященной Дню радио. Секция: полупроводниковые приборы 1981 / с. 34-35  
[https://www.ester.ee/record=b1310801\\*est](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](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](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

**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](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](https://www.ester.ee/record=b1305540*est)

**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](https://www.ester.ee/record=b1548580*est)

**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](https://www.ester.ee/record=b1294751*est)

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

**Модель и алгоритмы разработки программы расчетов учета и планирования основных показателей предприятий бвтового обслуживания**

Lageda, Peeter Применение экономико-математических моделей в планировании : обзорный материал по Эстонской ССР 1985 / с. 42-44 [https://www.ester.ee/record=b1231234\\*est](https://www.ester.ee/record=b1231234*est)



### **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](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](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](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](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](https://www.ester.ee/record=b1349811*est)

### **Некоторые вопросы построения алгоритма исследования и оптимизации многоконтурных рам**

**Bogdanov, S.S.** Оптимальные системы и алгоритмы 1980 / с. 49-58

### **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](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](https://www.ester.ee/record=b2146988*est)

### **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](https://www.ester.ee/record=b1309357*est)

### **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](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](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](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 = Dinaminių sistemų ir procesų identifikacija : [материалы к семинару] 1977 / с. 67-71 : илл [https://www.ester.ee/record=b2379826\\*est](https://www.ester.ee/record=b2379826*est)

**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](https://www.ester.ee/record=b1271164*est)

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

**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://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](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](https://www.ester.ee/record=b1310795*est)

**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://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](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://www.ester.ee/record=b1507107*est) <https://digikogu.taltech.ee/et/Item/1524861c-27a1-4936-be6e-31160db82c3b>

**Повышение эффективности численных алгоритмов моделирования силовых полупроводниковых структур в проводящем состоянии**

**Rubinstein, 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](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://www.ester.ee/record=b1499365*est) <https://digikogu.taltech.ee/et/Item/ed16ee0b-6a27-4a07-8f1b-c41704856120>

**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

**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

**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-

**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](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

**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](https://www.ester.ee/record=b1310795*est)

**Решатель вычислительных задач**  
**Tõugu, Enn** Журнал вычислительной математики и математической физики 1974 / с. 992-1004  
[https://www.ester.ee/record=b2141983\\*est](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://www.ester.ee/record=b1356356*est)  
<https://digikogu.taltech.ee/et/Item/0184c973-b241-425b-a441-dccf3ed8c976>

**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, Общие науки. Физико-математические науки. Строительство. Экономика 1986 / с. 42 [https://www.ester.ee/record=b1305540\\*est](https://www.ester.ee/record=b1305540*est)

**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://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://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](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://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](https://www.ester.ee/record=b1355881*est)

**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](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://www.ester.ee/record=b1310662*est) <https://digikogu.taltech.ee/et/Item/7121b5da-f4d1-474c-af67-2e0600ba0e11>

**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](https://rus.err.ee/2024/estonsians-make-warmer-decisions-on-ai-than-germans)

**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](https://www.ester.ee/record=b1273986*est)