

About new trends in design of control systems

Tamm, Boris, inform. 1st IFAC Workshop on New Trends in Design of Control Systems : September 7-10, 1994, Smolenice Slovakia : preprints 1994 / p. 423-424 : ill

Adaptive output feedback linearization for a class of NN-based ANARX models

Petlenkov, Eduard; Nõmm, Sven; Kotta, Ülle Proceedings of the 6th IEEE International Conference on Control and Automation : Guangzhou, China, May 30 - June 1, 2007 2007 / p. 3173-3178 <https://ieeexplore.ieee.org/document/4376947>

ADAssure : debugging methodology for autonomous driving control algorithms

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

Advanced course of electrical drivers : laboratory works

Vodovozov, Valery; Rassõlkin, Anton 2013 http://www.ester.ee/record=b2909098*est

Advanced design of nonlinear discrete-time and delayed systems = Diskreetsete ja hilistumistega mittelineaarsete juhtimissüsteemide süntees

Kaldmäe, Arvo 2016 <https://digi.lib.ttu.ee/?5215> https://www.ester.ee/record=b4569894*est

Algebraic formalism of differential one-forms for nonlinear control systems on time scales

Bartosiewicz, Zbigniew; Kotta, Ülle; Pawluszewicz, Ewa; Wyrwas, Małgorzata Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2007 / 3, p. 264-282

Algebraic formalism of differential p-forms and vector fields for nonlinear control systems on homogeneous time scales

Bartosiewicz, Zbigniew; Kotta, Ülle; Pawluszewicz, Ewa; Tõnso, Maris; Wyrwas, Małgorzata Proceedings of the Estonian Academy of Sciences 2013 / p. 215-226 <https://doi.org/10.3176/proc.2013.4.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Any dynamical system is fully accessible through one single actuator and related problems

Kawano, Yu; Kotta, Ülle; Moog, Claude International journal of robust and nonlinear control 2016 / p. 1748-1754 <https://doi.org/10.1002/rnc.3379> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Are more formal performance management systems more successful?

Kadak, Tarmo; Laitinen, Erkki K. PMAA 2017 papers for presentation [online resource] 2017 / [20] p. : ill <http://www.otago.ac.nz/pmaa-2017/papers/otago636832.pdf>

Assessing the implemented performance management systems : a case study

Kadak, Tarmo Joint Conference of 26th Asian-Pacific Conference on International Accounting Issues and 2014 Accounting Theory and Practice Conference : program & proceedings : October 26-29, 2014, Taipei, Taiwan, R.O.C. 2014 / p. 89

Assessment of data acquisition system for forecasting temperature and solar irradiation

Zahraoui, Younes; Korõtko, Tarmo; Mekhilef, Saad; Alhamrouni, Ibrahim 2023 International Conference on Engineering Technology and Technopreneurship (ICE2T) 2024 / p. 408-413 <https://doi.org/10.1109/ICE2T58637.2023.10540516>

Assessment of the contribution of safety knowledge to sustainable safety management systems in Estonian SMEs =

Ohutusteadmiste hindamine ohutusjuhtimises jätkusuutlikkuse tagamiseks Eesti väikestes ja keskmistes ettevõtetes
Järvis, Marina 2013 https://www.ester.ee/record=b3043814*est

Auditing of safety management system in Estonian medium-scale enterprises

Tint, Piia; Kempinen, Marina Hazards XIX : Process Safety and Environmental Protection : What do we know? Where are we going? 2006 / p. 83-94

Auditing of safety management system in Estonian medium-scale enterprises

Kempinen, Marina; Tint, Piia Safety and Reliability for Managing Risk : proceedings of the European Safety and Reliability Conference 2006 (ESREL 2006) : Estoril, Portugal, 18-22 September. Volume 1 2006 / p. 773-780

Automaatkontrolli süsteemid

1966 https://www.ester.ee/record=b1359958*est

Automatiseeritud juhtimissüsteemide loomiseks ja juurutamiseks vajalike spetsialistide ettevalmistamisest vabariigis

Kracht, Wilhelm Ettekannete teesid IV vabariiklikule konverentsile "Automatiseeritud juhtimissüsteemid Eesti NSV-s" : Käärikul, 18.-21. dets. 1972.a. = Тезисы докладов IV республиканской конференции "Автоматизированные системы управления в Эстонской ССР" в Кяэрику, 18-21 декабря 1972 г. 1972 / lk. 10 https://www.ester.ee/record=b1324728*est

A battery cell balancing method with linear mode bypass current control

Gallardo-Lozano, Javier; Romero-Cadaval, Enrique; **Jalakas, Tanel**; **Hõimoja, Hardi** 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. 245-248 : ill

Benefits after and prior to the implementation of control systems : literature review [Electronic resource]

Kadak, Tarmo International Conference on Accounting, Auditing and Taxation : (ICAAT 2014) : December 11-12, 2014, Tallinn, Estonia 2014 / p. 166-173. [CD-ROM]

Benefits, difficulties and success factors of three different quality assessment process in Estonia [Electronic resource]

Lorenz, Anneli; Kreegimäe, Katrin; **Titov, Eneken** Doctoral school in economics and innovation : Kuressaare, August 6-9, 2013 2013 / 15 p. [CD-ROM]

Boundary state and output feedbacks for underactuated systems of coupled time-fractional PDEs with different space-dependent diffusivity

Chen, Juan; **Tepļakov, Aleksej**; **Petlenkov, Eduard**; Zhuang, Bo International journal of systems science 2020 / p. 2922-2942
<https://doi.org/10.1080/00207721.2020.1803442> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Camera gimbal control system for unmanned platforms

Tiimus, Kristjan; **Tamre, Mart** Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [I] 2010 / p. 560-565 : ill

Co-design of a wireless networked control system for reliability and resource-efficiency

Ashraf, Kanwal; **Le Moullec, Yannick**; **Pardy, Tamas**; **Rang, Toomas** 2024 19th Biennial Baltic Electronics Conference (BEC) 2024 / 7 p <https://doi.org/10.1109/BEC61458.2024.10737965>

Co-design of wireless networked control systems : a reliable and resource-efficient approach

Ashraf, Kanwal; **Le Moullec, Yannick**; **Pardy, Tamas**; **Rang, Toomas** techrxiv.org 2024 / 9 p. : ill
<https://www.techrxiv.org/users/693853/articles/683291-co-design-of-wireless-networked-control-systems-a-reliable-and-resource-efficient-approach>

Co-design of wireless networked control systems : model-based architecture and joint optimization = Juhtmevabade võrgustatud juhtimissüsteemide koosdisain : mudelipõhine arhitektuur ja ühisoptimeerimine

Ashraf, Kanwal 2024 https://www.ester.ee/record=b5685529*est <https://doi.org/10.23658/taltech.30/2024>
<https://digikogu.taltech.ee/et/Item/b8d1b3cd-0149-442a-8044-ba7d1106c081>

Combining conceptual modelling and formal methods to design control systems

Vain, Jüri; Hooman, J. Selected papers from the 8th Nordic Workshop on Programming Theory, University of Oslo, May, 1997 1997 / p. 109-118

Comparative evaluation of dual-purpose converters suitable for application in dc and ac grids

Husev, Oleksandr; **Matiushkin, Oleksandr**; **Jalakas, Tanel**; **Vinnikov, Dmitri**; Vosoughi Kurdkandi, Naser IEEE journal of emerging and selected topics in power electronics 2024 / p. 1337-1347 <https://doi.org/10.1109/JESTPE.2023.3243857>

Component based development of hybrid control systems

Vain, Jüri; **Kuusik, Alar**; **Kääramees, Marko** Proceedings of the 15th International Conference on CAD/CAM, Robotics & Factories of the Future CARSAMPFOF'99 : August 18-20, 1999, Aguas de Lindoia, Brasil. Vol. 2 1999 / p. RW5-1 - RW5-6
https://www.researchgate.net/publication/2611129_Component_Based_Development_of_Hybrid_Control_Systems

Component based technique for hybrid control systems design

Vain, Jüri; **Kuusik, Alar**; **Kääramees, Marko** Proceedings of the 11th Nordic Workshop on Programming Theory : NWPT'99 : Uppsala University, Sweden, October 6-8, 1999 1999 / p. 48

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

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

Control of an uninterruptible power supply in a DC microgrid system

Palamar, Andriy; Karpinsky, Mykola 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011 2011 / p. 80-84 : ill

Control of quasi-Z-source dc-dc converter by the overlap of active states : new possibilities and limitations

Roasto, Indrek; **Liivik, Liisa**; **Vinnikov, Dmitri** 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. 217-220 : ill

Control system development environment with MatLAB SIMULINK real time workshop

Lehtla, Madis Baltic electrical engineering review 1998 / 1, p. 21-24: ill

Control system for a diesel generator and UPS based microgrid

Palamar, Andriy; Pettai, Elmo; Beldjajev, Viktor Scientific journal of Riga Technical University. Serija 4, Power and electrical engineering 2010 / p. 47-52 : ill

Control system for electric traction drive

Lehtla, Madis; Laugis, Juhan BEC 2004 : proceedings of the 9th Biennial Baltic Electronics Conference : October 3-6, 2004, Tallinn, Estonia 2004 / p. 331-332 : ill

Control system simulation of a 40kW half-bridge isolated DC/DC converter [Electronic resource]

Roasto, Indrek; Vinnikov, Dmitri EPE 2007 : 12th European Conference on Power Electronics and Applications : 2-5 September 2007, Aalborg, Denmark 2007 / [10] p. [CD-ROM] <https://ieeexplore.ieee.org/document/4417224>

Control, supervision and operation diagnostics of light rail electric transport

Rosin, Argo; Lehtla, Tõnu 2005 https://www.ester.ee/record=b2073559*est

Coordination issues in modular systems

Lints, Taivo 4th Annual IEEE Systems Conference : San Diego, CA, April 5-8, 2010 2010 / p. 202-206
<https://ieeexplore.ieee.org/document/5482482>

CORDIC digital phase-locked loop for FM demodulation

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

Corporate governance systems : a system theory approach

Banerjee, Supriya; Wahl, Mike Franz 11th Workshop on Corporate Governance : St Gallen, Switzerland, October 27-28, 2014 2014

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

Juhtumiuuringud

Kadak, Tarmo 2011

Current control strategy of a grid connected three-level neutral-point-clamped qZS inverter

Roncero-Clemente, Carlos; Romero-Cadaval, Enrique; Husev, Oleksandr; Vinnikov, Dmitri; Stepenko, Serhii 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013 2013 / p. 97-101 : ill

Cylindrical blades Magnus wind turbine optimization and control system

Alassaf, Omar; Lukin, Aleksandr; Demidova, Galina; Kozlov, Gleb; Volkhontsev, Andrey; Poliakov, Nikolai 29th International Workshop on Electric Drives: Advances in Power Electronics for Electric Drives (IWED) 2022 / p. 1-5
<https://doi.org/10.1109/IWED54598.2022.9722582>

Data communication with InTouch application over Windows DDE

Möller, Taavi; Rosin, Argo The 4th Research Symposium of Young Scientists : Actual Problems of Electrical Drives and Industry Automation : Tallinn, Estonia, May 17-21, 2003 2003 / p. 75-76 : ill

Design and simulation verification of low power wireless charging battery system for electric bicycle

Shevchenko, Viktor; Husev, Oleksandr; Pakhaliuk, Bohdan; Kondratenko, Igor 2018 IEEE 3rd International Conference on Intelligent Energy and Power Systems (IEPS) 2018 / p. 22-27 <https://doi.org/10.1109/IEPS.2018.8559531>

Design and testing of an universal autonomous surface vehicle

Roasto, Indrek; Jalakas, Tanel; Mölder, Heigo; Möller, Taavi; Tabri, Kristjan; Enok, Mart 2021 IEEE 19th International Power Electronics and Motion Control Conference, The Silesian University of Technology Gliwice, Poland, 25 - 29 April, 2021 (PEMC) : proceedings 2021 / p. 705-710 : ill <https://doi.org/10.1109/PEMC48073.2021.9432567>

Design of Cyber Bio-analytical Physical Systems : formal methods, architectures, and multi-system interaction strategies

Ashraf, Kanwal; Le Moullec, Yannick; Pardy, Tamas; Rang, Toomas Microprocessors and microsystems 2023 / art. 104780, 14 p. : ill <https://doi.org/10.1016/j.micpro.2023.104780> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Design of multirate nonlinear discrete control systems

Astrov, Igor BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 355-358

Design of three-rate stochastic multivariable continuous-time control systems

Astrov, Igor; Em, Juri; Rüstern, Ennu BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 325-328 : ill

Design of two-rate stochastic multivariable continuous-time control systems: autonomous isolated subsystems with various rates of transients

Astrov, Igor; Em, Juri; Rüstern, Ennu BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 321-324 : ill

Design of two-rate stochastic multivariable discrete-time control systems

Astrov, Igor; Rüstern, Ennu The 7th Biennial Conference on Electronics and Microsystem Technology "Baltic Electronics Conference" : BEC 2000 : October 8 - 11, 2000, Tallinn, Estonia : conference proceedings 2000 / p. 79-82 : ill

Designing the approach for assessment of implemented performance management systems

Kadak, Tarmo The International Association for Accounting Education and Research (IAAER) : Frankfurt/Main - Eschborn, Germany, 14-16 February, 2013 2013

Designing the approach for assessment the implemented Performance Management Systems

Kadak, Tarmo Performance Management : Designing the High-Performing Organization : 25-27 June 2014, Aarhus, Denmark : conference proceedings 2014 / [26] p. : ill

Developing computational groundwater monitoring and management system for Estonian oil shale deposit

Lind, Helena; Robam, Karin; Valgma, Ingo; Sokman, Kalmer Geoenvironment & Geotechnics (GEOENV08). 2 2008 / p. 137-140

Development and control of energy exchange processes between electric vehicle and utility network = Elektriauto energiasalvesti ja elektriiaotusvõrgu energiavahetusprotsesside uurimine ja juhtimine

Mägi, Marek 2013 https://www.ester.ee/record=b2966194*est

Development and experimental assessment of a flexible robot fin

Gkliva, Roza; Sfakiotakis, Michael; **Kruusmaa, Maarja** 2018 IEEE International Conference on Soft Robotics (RoboSoft) : proceedings 2018 / p. 208-213 : ill <https://doi.org/10.1109/ROBOSOFT.2018.8404921>

Development of control and diagnostics system for Tallinn trams

Rosin, Argo; Pettai, Elmo; Lehtla, Tõnu BEC 2004 : proceedings of the 9th Biennial Baltic Electronics Conference : October 3-6, 2004, Tallinn, Estonia 2004 / p. 327-330 : ill

Development of control methods for synchronous reluctance motors = Sünkroonreluktantsmootorite juhtimismeetodite edasiarendus

Heidari, Hamidreza 2022 <https://doi.org/10.23658/taltech.8/2022> <https://digikogu.taltech.ee/et/Item/f249726a-f96c-4d94-b892-afc9ae4fda9e>
https://www.ester.ee/record=b5491774*est

Development of the safety management system at enterprises = Ettevõtte ohutuse juhtimissüsteemi arendamine

Paas, Önnela 2015 https://www.ester.ee/record=b4528728*est

Digital current mode control algorithms for high-power half-bridge DC/DC converters

Roasto, Indrek; Vinnikov, Dmitri; Jalakas, Tanel; Strzelecki, Ryszard Przegląd elektrotechniczny 2011 / p. 180-186 : ill
<http://www.red.pe.org.pl/articles/2011/8/36.pdf>

Digital twins in extended reality for control system applications

Jeršov, Stanislav; Tepljakov, Aleksei 2020 43rd International Conference on Telecommunications and Signal Processing : TSP 2020, Milan, Italy, July 7-9, 2020 2020 / art. 162353, p. 274-279 <https://doi.org/10.1109/TSP49548.2020.9163557>

Distributed data acquisition and handling in automotive control systems

Land, Raul BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 101-104

Disturbance decoupling of multi-input multi-output discrete-time nonlinear systems by static measurement feedback

Kaldmäe, Arvo; Kotta, Ülle Proceedings of the Estonian Academy of Sciences 2012 / p. 77-88
https://artiklid.elnet.ee/record=b2497319*est

Disturbance decoupling of time delay systems

Kaldmäe, Arvo; Moog, Claude Asian journal of control 2016 / p. 1130-1134 <https://doi.org/10.1002/asjc.1169> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Do we need capabilities in our management system?

Kangilaski, Taivo; Ševtšenko, Eduard Journal of machine engineering 2017 / p. 88-100 : ill

http://www.not.pl/wydawnictwo/abstract_2017_en.html https://wydawnictwo.not.pl/2017JOM/V1/8_KANGILASKI.pdf [Journal metrics at Scopus](#)
[Article at Scopus](#)

Does knowledge retrieval improves work efficiency? An investigation under multiple systems use

Sutanto, Juliana; Liu, Yi; Grigore, Mihai; **Lemmik, Rivo** International Journal of Information Management 2018 / p. 42 - 53
<https://doi.org/10.1016/j.ijinfomgt.2018.01.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Does performance management system influence organisational performance? : case study in business sector company

Kadak, Tarmo 7th Conference on Performance Measurement and Management Control, EIASM, Barcelona, Spain : [proceedings] 2013

Doktoritöö trammi arvutipõhise juhtimise, seire ja diagnostika alal : [väitekirja kaitses Argo Rosin]

Lahtmets, Rain Elektriala 2005 / lk. 32

Dynamic output feedback linearization based adaptive control of nonlinear MIMO systems

Petlenkov, Eduard; Belikov, Juri; Nõmm, Sven; Wyrwas, Małgorzata The American Control Conference (ACC2008) : Seattle, Washington, USA, June 11-13, 2008 2008 / p. 3446-3451 <https://ieeexplore.ieee.org/document/4587026>

Dynamic pole placement based control of nonlinear discrete time systems with input delay

Belikov, Juri; Petlenkov, Eduard Control Applications (CCA) & Intelligent Control (ISIC) : 2009 IEEE : 8-10 July 2009, St.Petersburg 2009 / p. 394-399

Eelarvestamine - üks strateegilise controllingu juurutamise eeldusi organisatsioonis

Karu, Sander; Zirnask, Villu 2004 https://www.ester.ee/record=b1874668*est

Eesti Energia käiduhaldussüsteem

Kangilaski, Taivo 2004 https://www.ester.ee/record=b1953730*est

Eesti teadlased töötasid välja avatud platvormi energiavoogude juhtimiseks

postimees.ee 2023 [Eesti teadlased töötasid välja avatud platvormi energiavoogude juhtimiseks](#)

Ehituse automatiseeritud juhtimissüsteem : üldalused : õppe-metoodiline materjal

1980 http://www.ester.ee/record=b1186302*est

Elektrivõrgu operatiivjuhtimissüsteem

Meldorf, Mati; Tikk, Tõnis 2001 https://www.ester.ee/record=b1551361*est

Elektrivõrgu operatiivjuhtimissüsteem

Meldorf, Mati; Tikk, Tõnis; **Kilter, Jako** 2010 http://www.ester.ee/record=b2668039*est

Embedding symbolic reasoning to reactive control

Küngas, Peep Databases and information systems : proceedings of the Fifth International Baltic Conference : Baltic DB & IS 2002 : Tallinn, June 3-6, 2002. Vol. 2 2002 / p. 263-268

EMC considerations on PCB design for a high-power converter control system [Electronic resource]

Roasto, Indrek; Vinnikov, Dmitri; Klytta, Marius Proceedings of 5th International Conference 2007 : Compatibility in Power Electronics : 29 May - 1 June 2007, Gdynia, Poland 2007 / [4] p. [CD-ROM] <https://ieeexplore.ieee.org/document/4296544>

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

Sarnet, Tanel; Kilter, Jako 2022

Energiatarbimise juhtimisel on tarkades majades kandev roll

Rosin, Argo Inseneria 2014 / lk. 18-19 : ill https://artiklid.elnet.ee/record=b2672914*est

EPE-PEMC 2006 Sloveenias, EPE-PEMC 2010 Eestis? : [ka TTÜ elektriamite ja jõuelektroonika instituudi osalemisest konverentsil]

Teemets, Raivo Elektriala 2006 / 5, lk. 24-25 : ill https://artiklid.elnet.ee/record=b1019675*est

Equivalence of linear control systems on time scales

Bartosiewicz, Zbigniew; **Kotta, Ülle;** Pawluszewicz, Ewa Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2006 / 1, p. 43-52

Equivalence of realizability conditions for nonlinear control systems

Kotta, Ülle; Mullari, Tanel Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2006 / 1, p. 24-42

Esialgu VAITS, kuid ainult esialgu... : [vabariigi automatiseeritud juhtimissüsteemist]

Alumäe, Nikolai Horisont 1972 / lk. 6-8 https://www.ester.ee/record=b1072243*est <http://www.digar.ee/id/nlib-digar:291277>

Estimation of safety performance by MISHA method and the benefits of OHSAS 18001 implementation in Estonian manufacturing industry [Electronic resource]

Paas, Õnnela; Reinhold, Karin; Tint, Piia 6th International Conference Biosystems Engineering 2015 : 7-8 May 2015, Tartu, Estonia : book of abstracts 2015 / p. 112. [CD-ROM] http://bse.emu.ee/BSE2015_Book%20of%20ABSTRACTS_ISBN.pdf

Ettevõtete juhtimise automatiseeritud süsteemid : programm, laboratoorsed tööd, kontrollküsimused erialale 1609 "Autod ja automajandid"

Mäekask, Jaan 1986 https://www.ester.ee/record=b1297694*est

Event-based control for differentially flat systems: application to autonomous underwater vehicle

Kaldmäe, Arvo; Kotta, Ülle; Meurer, Christian; Simha, Ashutosh IFAC-PapersOnLine 2019 / p. 180-185

<https://doi.org/10.1016/j.ifacol.2019.11.775> Conference proceedings at Scopus Article at Scopus Article at WOS

Experimental results of parallel active filter implementation in nonideal power grid

Husev, Oleksandr; Blinov, Andrei; Vinnikov, Dmitri Technological Innovation for Value Creation : third IFIP WG 5.5/SOCOLNET Doctoral Conference on Computing, Electrical and Industrial Systems, DoCEIS 2012, Costa de Caparica, Portugal, February 27-29, 2012 : proceedings 2012 / p. 291-298 : ill https://link.springer.com/chapter/10.1007/978-3-642-28255-3_32

Experimental water treatment systems control and monitoring via multipoint interface

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

Explaining success of performance management systems : the role of chain of key factors

Laitinen, Erkki K.; Kadak, Tarmo MAR 2016 - Manufacturing Accounting Research Conference : Lisbon, Portugal, June 15-17, 2016 2016 / [1] p

Explaining success of performance management systems : the role of chain of key factors

Laitinen, Erkki K.; Kadak, Tarmo 3rd AIMA World Conference on Management Accounting Research : Monterey Peninsula, Northern California, May 19-20, 2016 2016 / [1] p

Explaining success of performance management systems : the role of chain of key factors

Laitinen, Erkki K.; Kadak, Tarmo International journal of productivity and performance management 2019 / p. 362-388 : ill <https://doi.org/10.1108/IJPPM-01-2018-0005> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

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

Extended observer form with vector fields

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

Extended triple store used in recommender system

Luberg, Ago; Tammet, Tanel; Järv, Priit 22nd International Workshop on Database and Expert Systems Applications (DEXA) : Toulouse, France, 29 August - 2 September 2011 2011 / p. 539-543 <https://ieeexplore.ieee.org/document/6059873>

5th Junior European Meeting on Control & Information Technology : September 20-22, 2006, Tallinn, Estonia : book of abstracts

2006 http://www.ester.ee/record=b2227133*est

Fixed-order stabilising controller design by a mixed randomised/deterministic method

Nurges, Ülo; Avanesov, Sergei International journal of control 2015 / p. 335-346 <http://dx.doi.org/10.1080/00207179.2014.953208>

A flexible architecture for Facility Management Systems

Hartenstein, Klaus; Solka, Karin GIS-Baltic Sea States '95 : exhibition, conference - Tallinn, Estonia, 13-15 December, 1995 : abstracts, catalogue 1995 / p. 12 https://www.ester.ee/record=b1053768*est

FlockHeadz: virtual flock in a room used as a controller

Lints, Taivo IEEE Swarm Intelligence Symposium 2008 (SIS2008) : 21-23 September 2008, St.Louis, MO, USA 2008 / ? p <https://ieeexplore.ieee.org/document/4668279>

FOMCON : a MATLAB toolbox for fractional-order system identification and control

Tepljakov, Aleksei; Petlenkov, Eduard; Belikov, Juri International journal of microelectronics and computer science 2011 / p. 51-62 https://www.researchgate.net/publication/259741855_FOMCON_a_MATLAB_toolbox_for_fractional-order_system_identification_and_control

FOMCON : fractional-order modeling and control toolbox for MATLAB

Tepljakov, Aleksei; Petlenkov, Eduard; Belikov, Juri Proceedings of the 18th International Conference Mixed Design of Integrated Circuits and Systems : MIXDES 2011 : Gliwice, Poland 16 - 18 June, 2011 2011 / p. 684-689
https://www.researchgate.net/publication/259741855_FOMCON_a_MATLAB_toolbox_for_fractional-order_system_identification_and_control

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

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

FOMCONpy: Fractional-order modelling and control library for python

Onyedi, Tobechukwu; Tepljakov, Aleksei; Petlenkov, Eduard 2020 43rd International Conference on Telecommunications and Signal Processing : TSP 2020, Milan, Italy, July 7-9, 2020 2020 / p. 239-245 <http://doi.org/10.1109/TSP49548.2020.9163581>

Forbesi majandusajakiri valis Madis Uemaa Euroopa mõjukamate sekka

Helme, Kristi Mente et Manu 2016 / lk. 11-13 : ill https://artiklid.elnet.ee/record=b2758760*est

Formal specification of block libraries in dataflow languages

Dieumegard, Arnaud; **Toom, Andres**; Pantel, Marc Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK seitsmenda aastakonverentsi artiklite kogumik : 15.-16. novembril 2013, Haapsalu 2013 / p. 17-19 : ill

Formal specification of block libraries in dataflow languages

Dieumegard, Arnaud; **Toom, Andres**; Pantel, Marc 7th European Congress Embedded Real-Time Software and Systems, ERTS2 2014 : 5-7 February 2014, Toulouse, France : proceedings 2014 / [10] p. : ill

Formal specification of sensors

Kuusik, Alar; Vain, Jüri Ringhääling '99 : VI Rahvusvahelise Telekommunikatsioonipäeva konverentsi ettekannete materjalid 1999 / lk. 80-83

420 development of the safety management system at enterprises

Reinhold, Karin; Tint, Piia; Paas, Önnela Injury prevention 2016 / p. A153-A154 <http://dx.doi.org/10.1136/injuryprev-2016-042156.420>

Funktsionaalülesanded ehituse automatiseeritud juhtimissüsteemis : õppe-metoodiline materjal

1980 http://www.ester.ee/record=b1315772*est

Gate control system with code access

Devjatõhh, Igor Innovaatilised lahendused ja säästvad tehnoloogiad : konverents 2010 2010 / p. 94-96 : ill

Generation of stable polytopes of Hurwitz polynomials via Routh parameters

Nurges, Ülo; Artemtšuk, Igor; Belikov, Juri 53rd IEEE Conference on Decision and Control : December 15-17, 2014, Los Angeles, California, USA 2014 / p. 2390-2395 : ill <https://doi.org/10.1109/CDC.2014.7039753> [Conference proceedings at Scopus Article at Scopus Article at WOS](#)

Genetic algorithm based structure identification for feedback control of nonlinear MIMO systems

Vassiljeva, Kristina; Belikov, Juri; Petlenkov, Eduard Lecture notes in computer science 2011 / p. 215-226 : ill
https://link.springer.com/chapter/10.1007/978-3-642-23857-4_23

Handling industrial hazards by pre-emptive model checking [Electronic resource]

Kuusik, Alar; Otto, Tauno; Vain, Jüri 4th International Conference on Industrial Automation : June 9-11, 2003, Montreal, Canada : proceedings 2003 / [4] p. : ill. [CD-ROM] https://www.academia.edu/17640340/Handling_Industrial_Hazards_by_Pre_emptive_Model_Checking

Hardware and software of the IGBT power converter

Lehtla, Madis Actual Problems of Electrical Drives and Industry Automation : the research symposium of young scientists : Tallinn, Estonia, May 31 - June 5, 1999 1999 / p. 67-70: ill

High-efficiency predictive control of centrifugal multi-pump stations with variable-speed drives = Pumbajaamade muudetava kiirusega tsentrifugaalpumpajamite kõrgefektiivne ennetav juhtimine

Bakman, Ilja 2016 <https://digi.lib.ttu.ee/i/25352> https://www.ester.ee/record=b4577031*est

High-voltage frequency converter with multiprocessor control system

Joller, Jüri Проблемы автоматизированного электропривода : теория и практика : научно-техническая конференция с международным участием 15-20 сентября 1997 г., Харьков 1997 / 2 с.: ill

High-voltage frequency converter with multiprocessor control system

Joller, Jüri Actual Problems of Electrical Drives and Industry Automation : the research symposium of young scientists, Lohusalu, Estonia, June 1-8, 1997 1997 / p. 51-53: ill

Hoonete jõu- ja andmevõrkudest

Lehtla, Tõnu Elektri kalender 1999 1998 / lk. 164-169: ill

How different types of performance management systems affect organizational performance?

Kadak, Tarmo; Laitinen, Erkki K. Measuring Business Excellence 2021 / p. 315-327 <https://doi.org/10.1108/MBE-03-2020-0045>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Impedance-source networks : features, benefits and challenges for industrial application : keynote address

Husev, Oleksandr 29th International Workshop on Electric Drives: Advances in Power Electronics for Electric Drives (IWED) 2022 / p. 1 <https://doi.org/10.1109/IWED54598.2022.9722589>

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

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

Institutsionaalsest akrediteerimisest ja TTÜ juhtimissüsteemi käsiraamatust

Parre, Kiira Mentel et Manu 2013 / lk. 8-9 : ill https://artiklid.elnet.ee/record=b2645231*est

Integrability for nonlinear time-delay systems

Kaldmäe, Arvo; Califano, Claudia; Moog, Claude IEEE transactions on automatic control 2016 / p. 1912-1917
<https://doi.org/10.1109/TAC.2015.2482003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Integrated approach to the process control system design

Aarna, Olav; Raiend, Kullo 2nd IFAC/IFIP Symposium on Software for Computer Control, Prague, Czechoslovakia, 11-15 June IFAC Proceedings Volumes 1979 / p. 275-278 : ill [https://doi.org/10.1016/S1474-6670\(17\)65814-2](https://doi.org/10.1016/S1474-6670(17)65814-2)

Intelligent control and diagnostics system for Tallinn trams

Rosin, Argo; Lehtla, Madis; Möller, Taavi EPE-PEMC 2004 : 11th International Power Electronics and Motion Control Conference : 2-4 September 2004, Riga, Latvia : proceedings. Vol. 6 of 7, Mechatronics, industrial drive systems, power electronics and drives in transport, EMC and design of PE systems 2004 / p. 6-185 - 6-188 : ill

Intelligent control and digital twins for industry 4.0

Tepljakov, Aleksei Sensors 2023 / art. 4036 <https://doi.org/10.3390/s23084036> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

IT-teadlane Arvo Kaldmäe: «Teadmatust saab teada!»

Kaldmäe, Arvo postimees.ee 2023 [IT-teadlane Arvo Kaldmäe: «Teadmatust saab teada!»](https://www.postimees.ee/record=b1212578*est)

Juhised keskkonnaauditiks. Auditiprotseduurid. Keskkonnajuhtimissüsteemide auditeerimine

Rajur, Kaido; **Hääl, Maire-Liis;** Pöder, Tõnis 1998 https://www.ester.ee/record=b1212578*est

Juhtimissüsteemi täiustamise peasuund

Reiner, Aivo; Vitsur, Endel Eesti Kommunist : EKP KK teoreetiline ja poliitiline ajakiri 1973 / lk. 32-37
https://www.ester.ee/record=b1253626*est

Juhtimissüsteemide juhitavus ja tagasiside. Tagasiside. Mittelineaarsus.Lamedus

Kotta, Ülle Keeruka maailma võlu 2015 / lk. 77-80 : ill https://www.ester.ee/record=b4488344*est

Juhtimissüsteemide modelleerimine ehituses

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

Juhtimissüsteemide morfoloogia ja dialektika

Roose, Enn; Vooglaid, Ülo 1986 https://www.ester.ee/record=b1222340*est

Kaadri automatiseeritud juhtimissüsteemi väljatöötamisest Eesti NSV lihakombinaatides

Piliste, Toomas Tootmisressursside ratsionaalse kasutamise probleemid Eesti NSV-s : noorte majandusteadlaste teadusliku seminari ettekannete teesid = Проблемы рационального использования производственных ресурсов в Эстонской ССР : тезисы научного семинара молодых ученых-экономистов 1981 / lk. 19-20 https://www.ester.ee/record=b1307938*est

Kergröõbassöidukite ajamid ja juhtimine

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

Keskkond ja autotransport : öppematerjal

Hääl, Maire-Liis 1998 https://www.ester.ee/record=b1053819*est

Keskkonnajuhtimissüsteemid vastavaks standardi ISO 14001 nõuetele

Hindreus, Tiit Transport ja Teed 1999 / 11, lk. 22-23

Keskkonnajuhtimissüsteemid. Spetsifikaat ja juhised selle kasutamiseks

Rajur, Kaido; **Hääl, Maire-Liis**; Pöder, Tõnis 1998 https://www.ester.ee/record=b1212565*est

Keskkonnajuhtimissüsteemid. Üldised juhtnõõrid põhimõtete, süsteemide ja abivahendite kohta

Rajur, Kaido; **Hääl, Maire-Liis**; Pöder, Tõnis 1998 https://www.ester.ee/record=b1212556*est

Konsensus - see on rahulik otsustamine

Miina, Aleksandr Inseneeria 2009 / 5(13), lk. 36-39 : ill https://artiklid.elnet.ee/record=b1451833*est

Kui juhid ei tea, mida juhivad : [süsteemsest lähenemisest]

Lorents, Peeter Horisont 1994 / 4, lk. 31-34 https://artiklid.elnet.ee/record=b2052362*est

Kvaliteedijuhtimissüsteemide rakendamise kogemused majandussektorites : [väljavõtteid TTÜ mehhatroonikainstituudi kvaliteeditehnika õppetooli ja Ettevõtluse Arendamise Sihtasutuse ühisuuringust]

Onoper, Tauno-Jussi; **Hindreus, Tiit** Kvaliteedi Erileht : [Eesti Päevalehe lisaleht] 2006 / 11. jaan., lk. [3-4]

Linearization by generalized input-output injections on homogeneous time scales

Ciulkin, Monika; Pawluszewicz, Ewa; **Kaparin, Vadim; Kotta, Ülle** 21st International Conference on Methods and Models in Automation and Robotics (MMAR 2016) : Miedzyzdroje, Poland, 29 August - 1 September 2016 2016 / p. 48-53
<https://doi.org/10.1109/MMAR.2016.7575086>

Linearization by input-output injections on homogeneous time scales

Ciulkin, Monika; **Kaparin, Vadim; Kotta, Ülle**; Pawluszewicz, Ewa Proceedings of the Estonian Academy of Sciences 2014 / p. 387-397 https://artiklid.elnet.ee/record=b2707375*est <https://doi.org/10.3176/proc.2014.4.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Linearization of discrete-time nonlinear control systems

Kaldmäe, Arvo Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK seitsmenda aastakonverentsi artiklite kogumik : 15.-16. novembril 2013, Haapsalu 2013 / p. 29-32

Machinery monitoring as a part of higher level systems

Snatkin, Aleksei 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013 2013 / p. 285-288 : ill

Management capabilities and application of complex automated systems

Kristjuhan, Kadri; Metsla, Ergo; Ling, Hannes Estonian journal of engineering 2013 / p. 30-46
https://artiklid.elnet.ee/record=b2605336*est <https://doi.org/10.3176/eng.2013.1.04> [Article at Scopus](#)

Management system for electronic virtual components

Saucier, Gabriele BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 1-6: ill

Medium-voltage frequency converters microprocessor control system

Mälter, Meelis; Joller, Jüri Actual Problems of Electrical Drives and Industry Automation : the research symposium of young scientists : Tallinn, Estonia, May 31 - June 5, 1999 1999 / p. 63-66: ill

Methodology for flight controllers for nano, micro and mini drones classification

Pütsep, Kristjan; Rassõlkin, Anton 2021 International Conference on Engineering and Emerging Technologies (ICEET), Istanbul, Turkey, 27-28 Oct. 2021 : conference proceedings 2021 / 7 p. : ill <https://doi.org/10.1109/ICEET53442.2021.9659572>

Microgrid control and electricity auction

Korõtko, Tarmo 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013 2013 / p. 242-245 : ill

Microprocessor control systems of light rail vehicle traction drives

Lehtla, Madis 2006 https://www.ester.ee/record=b2170586*est

Mikrovõrk võimaldab energiakasutust tõhusamalt juhtida

Alvela, Ain TööstusEST 2024 / lk. 26-29 : ill https://www.ester.ee/record=b4481084*est

Model checking in pattern based control systems design

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

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

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

Model checking in planning resource-sharing based manufacturing

Otto, Tauno; Vain, Jüri Information Control Problems in Manufacturing 2006 : a proceedings volume from the 12th IFAC International Symposium : St.Etienne, France. 2 2006 / p. 523-528 <https://www.sciencedirect.com/science/article/pii/S1474667015359991>

Model checking in planning resource-sharing based manufacturing

Otto, Tauno; Vain, Jüri 12th IFAC Symposium on Information Control Problems in Manufacturing : preprints. Vol. II, Industrial Engineering 2006 / p. 535-540 <https://www.sciencedirect.com/science/article/pii/S1474667015359991>

Model checking response times in Networked Automation Systems using jitter bounds

Srinivasan, Seshadhri; Buonopane, Furio; **Vain, Jüri**; Ramaswamy, Srini Computers in industry 2015 / p. 186-200
<https://doi.org/10.1016/j.compind.2015.06.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Model reference control of nonlinear MIMO systems by dynamic output feedback linearization of ANARX models

Belikov, Juri; Petlenkov, Eduard IEEE International Conference on Control and Automation : ICCA 2009 : Christchurch, New Zealand, December 9-11, 2009 2009 / p. 536-541 <https://ieeexplore.ieee.org/document/5410177?tp=&arnumber=5410177>

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

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

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

Belikov, Juri; Petlenkov, Eduard Control Applications (CCA) & Intelligent Control (ISIC) : 2009 IEEE : 8-10 July 2009, St.Petersburg 2009 / p. 1820-1825 <https://ieeexplore.ieee.org/document/5410177?tp=&arnumber=5410177>

A model-based adaptive control of an autonomous driving car for lane change maneuver

Astrov, Igor; Udal, Andres; Jaanus, Martin 2021 44th International Convention on Information, Communication and Electronic Technology (MIPRO), September 27 - October 1, 2021, Opatija, Croatia : proceedings 2021 / p. 1330-1335 : ill
<http://www.mipro.hr/LinkClick.aspx?fileticket=RAMnkK6T5UQ%3d&tabid=196&language=hr-HR>
<https://doi.org/10.23919/MIPRO52101.2021.9597195>

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

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

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

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

Modelling of energy recovery in electric vehicles for various braking scenarios on changing road surfaces

Vodovozov, Valery; Raud, Zoja Renewable energy and power quality journal 2020 / p. 178-183 <https://doi.org/10.24084/repqj18.264>
[Journal metrics at Scopus](#) [Article at Scopus](#)

Modern laboratories for studing of automatic and control systems

Grinko, Aleksandr Tarptautines konferencijās Elektros ir valdymo technologijos - 2006 : pranešimu medžiaga = Proceedings of International Conference Electrical and Control Technologies - 2006 2006 / p. 216-221 : ill

MPPT algorithms for wind turbines : review and comparison

Lukin, Aleksandr; **Demidova, Galina**; Alassaf, Omar; Lukichev, Dmitry; **Rassõlkin, Anton; Vaimann, Toomas** 29th International Workshop on Electric Drives: Advances in Power Electronics for Electric Drives (IWED) 2022 / p. 1-6
<https://doi.org/10.1109/IWED54598.2022.9722597>

Multi-loop model reference proportional integral derivative controls: design and performance evaluations

Alagoz, Baris Baykant; **Tepljakov, Aleksei; Petlenkov, Eduard; Yeroglu, Celaledin** Algorithms 2020 / 26 p. : ill

Multiprocessor control system for 10 kV frequency converter

Joller, Jüri BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 239-242: ill

A NARX model reference adaptive control scheme: Improved disturbance rejection fractional-order PID control of an experimental magnetic levitation system

Alimohammadi, Hossein; Alagoz, Baris Baykant; Tepljakov, Aleksei; Vassiljeva, Kristina; Petlenkov, Eduard Algorithms 2020 / p. 1-27 <https://doi.org/10.3390/a13080201> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Neural network based dynamic pole placement control of nonlinear systems

Petlenkov, Eduard; Belikov, Juri IEEE International Conference on Control and Automation : ICCA 2009 : Christchurch, New Zealand, December 9-11, 2009 2009 / p. 410-415 <https://ieeexplore.ieee.org/document/5410160>

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

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

Neutral-point-clamped quasi-Z-source inverter with field-programmable gate array based control

Stepenko, Serhii; Husev, Oleksandr; Vinnikov, Dmitri 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. 76-77 : ill

NN-ANARX model based control of nonlinear discrete-time systems with input delay

Belikov, Juri; Petlenkov, Eduard Control Applications (CCA) & Intelligent Control (ISIC) : 2009 IEEE : 8-10 July 2009, St.Petersburg 2009 / p. 1039-1044 <https://ieeexplore.ieee.org/document/5281182>

NN-ANARX structure based dynamic output feedback linearization for control of nonlinear MIMO systems

Petlenkov, Eduard Proceedings of the 15th Mediterranean Conference on Control and Automation : MED'07 : Athena (Greece), June 27-29, 2007 2007 / [6] p https://www.researchgate.net/publication/224303099>NN-ANARX_structure_based_dynamic_output_feedback_linearization_for_control_of_nonlinear_MIMO_systems

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

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

Non-commutative determinants in nonlinear control theory : preliminary ideas

Kotta, Ülle; Leibak, Alar; Halas, Miroslav ICARCV 2008 : 10th International Conference on Control, Automation, Robotics & Vision : 17-20 December 2008, Hanoi, Vietnam 2008 / p. 815-820 <https://ieeexplore.ieee.org/document/4795622>

Non-diffusion of management innovation: the case of lean [Electronic resource]

Kristjuhan, Kadri Doctoral Summer School 2011 : doctoral school in economics and innovation : 25-28 July 2011, Viinistu, Estonia 2011 / [CD-ROM] https://artiklid.elnet.ee/record=b2469658*est

A novel Taylor series based approach for control computation in NN-ANARX structure based control of nonlinear systems

Belikov, Juri; Vassiljeva, Kristina; Petlenkov, Eduard; Nõmm, Sven Proceedings of the 27th Chinese Control Conference : July 16-18, 2008, Kunming, Yunnan, China. 2 2008 / p. 474-478 <https://ieeexplore.ieee.org/document/4605837>

Observable space of the nonlinear control system on a homogeneous time scale

Kaparin, Vadim; Kotta, Ülle; Wyrwas, Małgorzata Proceedings of the Estonian Academy of Sciences 2014 / p. 11-25 https://artiklid.elnet.ee/record=b2665198*est <https://doi.org/10.3176/proc.2014.1.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at Scopus](#) [Article at WOS](#)

Observation and stabilisation of coupled timelfractional reaction–advection–diffusion systems with spatiallylvarying coefficients

Chen, Juan; Tepljakov, Aleksei; Petlenkov, Eduard IET control theory and applications 2020 / p. 3128–3138 <https://doi.org/10.1049/iet-cta.2020.0520> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

OHSAS 18001 contribution to real and formal safety elements in safety management system in manufacturing

Paas, Önnela; Reinhold, Karin; Tint, Piia Agronomy research 2015 / p. 1260-1274 : ill http://agronomy.emu.ee/vol135/vol13_5_9.pdf

On accessibility conditions for state space nonlinear control systems on homogeneous time scales

Bartosiewicz, Zbigniew; Kotta, Ülle; Mullari, Tanel; Tõnso, Maris; Wyrwas, Małgorzata Systems & control letters 2016 / p. 8-13 <https://doi.org/10.1016/j.sysconle.2016.09.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On controllability of switched linear systems on time scales

Belikov, Juri; Teplyakov, Aleksei 2015 European Control Conference (ECC) : July 15-17, 2015, Linz, Austria 2015 / p. 1736-1741
<http://dx.doi.org/10.1109/ECC.2015.7330788>

On integrability of observable space for discrete-time polynomial control systems

Kawano, Yu; **Kotta, Ülle** IEEE transactions on automatic control 2015 / p. 1987-1991 <http://dx.doi.org/10.1109/TAC.2014.2365685>

On submersivity assumption for nonlinear control systems on homogeneous time scales

Kotta, Ülle; Rehák, Branislav; Wyrwas, Małgorzata Proceedings of the Estonian Academy of Sciences 2011 / 1, 25-37

On the robust control of polytopic plants

Nurges, Ülo; Rüstern, Ennu Proceedings of the 1999 American Control Conference : June 2-4, 1999, Hyatt Regency San Diego, San Diego, California, USA. Vol. 1 1999 / p. 435-439 : ill <https://ieeexplore.ieee.org/document/782865>

Optimal approximation of input-output characteristics of power units and plants

Šuvalova, Jelena 2004 https://www.ester.ee/record=b1967729*est

An optimal control method for an autonomous surface vessel for environment monitoring and cargo transportation applications

Astrov, Igor; Udal, Andres; Mölder, Heigo 2021 25th International Conference Electronics : Proceedings of the 25th International Conference : ELECTRONICS 2021, Kaunas University of Technology, 14th–16th June, 2021, Palanga, Lithuania 2021 / 6 p
<https://doi.org/10.1109/IEECONF52705.2021.9467483>

Optimal PI control parameters for accurate underfloor heating temperature control

Kull, Tuule Mall; Thalfeldt, Martin; Kurnitski, Jarek E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 2019 / art. 01081, 8 p. : ill <https://doi.org/10.1051/e3sconf/201911101081> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Optimal tuning of resonant and repetitive based controller for single-phase buck-boost inverter with unfolding circuit

Husev, Oleksandr; Belikov, Juri; Matiushkin, Oleksandr; Vinnikov, Dmitri; Ahmadiyahangar, Roya; Vosoughi Kurdkandi, Naser IEEE journal of emerging and selected topics in industrial electronics 2022 / p. 954-965
<https://doi.org/10.1109/JESTIE.2021.3121190>

Overview of control methods of DC-AC grid connected converter

Makovenko, Elena; Husev, Oleksandr 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. 69-71 : ill
http://www.ester.ee/record=b4650094*est

Overview of development in the field of energy exchange between electric vehicles and utility network

Mägi, Marek 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. 123-124 : ill

PLC and control systems

Ruban, Olga; Laugis, Juhan Tarptautines konferencijas Elektros ir valdymo technologijos - 2006 : pranešimu medžiaga = Proceedings of International Conference Electrical and Control Technologies - 2006 2006 / p. 504-509 : ill

PMSi eripärast avalikus sektoris

Kadak, Tarmo Raamatupidamiselt majandusarvestusele. III : [konverentsiettekannete kogumik] 2010 / lk. 44-48 : ill
https://www.ester.ee/record=b2641729*est

Polynomial methods for nonlinear control systems = Polünoommeetodid mittelineaarsetes juhtimissüsteemides

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

Power system automation and control system SCADA

Leoste, Margus Actual Problems of Electrical Drives and Industry Automation : the research symposium of young scientists : Tallinn, Estonia, May 31 - June 5, 1999 1999 / p. 94-97: ill

Problems of liable information in intelligent advisory systems

Papstel, Jüri; Saks, Alo BAMFAC : Baltic Sea Metal Forming and Cutting Seminar, 20-21 May 1996 : proceedings 1996 / [10] p.: ill

Process-aware security monitoring in industrial control systems: A systematic review and future directions

Ur Rehman, Muaan; Bahşi, Hayretdin International journal of critical infrastructure protection 2024 / art. 100719, 19 p. : ill
<https://doi.org/10.1016/j.ijcip.2024.100719> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Prognosemodelle und ihre Verwendbarkeit zur Leitung der Lehrtätigkeit im Rahmen eines automatisierten Hochschulleitungssystems

Agur, Ustus; Rootalu, Endrik; Lõhmus, Ahto Schriftenreihe der Ingenieurhochschule Dresden 1975 / S. 2-9

Programmipaketi "Авторегулятор" kasutamine õppetöös

Jaaksoo, Ülo; Võrk, Jaan Arvutite ja tehniliste vahendite kasutamine õppetöös : TPI 50. aastapäevale pühendatud teaduslik-metoodilise konverentsi, 26.-27. märtsil : ettekannete teesid 1986 / lk. 81-82 https://www.ester.ee/record=b1206593*est

Purtse hybrid power plant common plant controller algorithm

Sarnet, Tanel; Kilter, Jako 2023

Raskused tõhusate PMSide rakendamisel : analüüs kirjanduse põhjal

Kadak, Tarmo Business analysis, accounting, taxes and auditing : proceedings of the conference = Majandusanalüüs, majandusarvestus, maksundus ja auditeerimine : konverentsikogumik : 6.-7.11.2008, Tallinn 2008 / lk. 338-343

Reactive power sharing and voltage control for islanded microgrids at low voltage level

Helguero Cruz, Jorge Luis; Hutter, T.; Armstorfer, Andreas; Rosin, Argo; Biechl, Helmuth 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 133-137 : ill http://ise.elnet.ee/record=b2950045~S2*est

Reaktiivvõimsuse kompensatori juhtimise süsteem

Kiisel, M.; Järvalt, Aldur; Järvik, Jaan; Reiner, Ardi XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 65 https://www.ester.ee/record=b2449987*est

Realization of discrete-time nonlinear input-output equations : polynomial approach

Kotta, Ülle; Tõnso, Maris Automatica 2012 / p. 255-262 <https://www.sciencedirect.com/science/article/pii/S0005109811005413>

Realization of nonlinear MIMO system on homogeneous time scales

Belikov, Juri; Kotta, Ülle; Tõnso, Maris European journal of control 2015 / p. 48-54 <https://doi.org/10.1016/j.ejcon.2015.01.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Realization of time-delay systems

Kaldmäe, Arvo; Kotta, Ülle Automatica 2018 / p. 317-320 <https://doi.org/10.1016/j.automatica.2018.01.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Realizations in feedforward forms of nonlinear input-output equations with time-delays

Kaldmäe, Arvo; Kawano, Yu; Kotta, Ülle International journal of robust and nonlinear control 2020 / p. 7560-7573 <https://doi.org/10.1002/rnc.5194> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reflection coefficient approach to robust state controller design

Nurges, Ülo; Rüstern, Ennu IEEE International Conference on Control and Automation : ICCA 2009 : Christchurch, New Zealand, December 9-11, 2009 2009 / p. 519-523 <https://ieeexplore.ieee.org/document/5410189>

Region of admissible values for discrete-time nonlinear control system linearized by output feedback

Belikov, Juri; Petlenkov, Eduard Proceedings of the 18th IFAC World Congress : Milano, Italy, August 28 - September 2, 2011 2011 / p. 209-214 <https://www.sciencedirect.com/science/article/pii/S1474667016436128>

Reimagine lab : bridging the gap between hands-on, virtual and remote control engineering laboratories using digital twins and extended reality

Alsaleh, Saleh Ragheb Saleh; Tepljakov, Aleksei; Köse, Ahmet; Belikov, Juri; Petlenkov, Eduard IEEE Access 2022 / p. 89924-889943 : ill <https://doi.org/10.1109/ACCESS.2022.3199371> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reimagining laboratory learning with digital twins and extended reality

Alsaleh, Saleh Ragheb Saleh 22nd International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Pärnu, Estonia, August 23-26, 2023 2023 / p. 25-26 : ill https://www.ester.ee/record=b5570906*est

Relation learning with bar charts

Lints, Taivo IA'09 : IEEE Symposium on Intelligent Agents : Nashville, Tennessee, US, March 30-April 2, 2009 2009 / p. 77-83 <https://ieeexplore.ieee.org/document/4927503>

Relations between modules associated to input-output nonlinear equations with delays and their realizations

Bartosiewicz, Zbigniew; Kaldmäe, Arvo; Kotta, Ülle; Wyrwas, Malgorzata 62nd IEEE Conference on Decision and Control, CDC 2023, Singapore, 13-15 December 2023 2023 / p. 644-650 <https://doi.org/10.1109/CDC49753.2023.10383927> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Relaxing realizability conditions for discrete-time nonlinear systems

Kotta, Ülle; Schlahter, Kurt; **Tõnso, Maris** Automatica 2015 / p. 67-71 <http://dx.doi.org/10.1016/j.automatica.2015.05.007>

Remarks on the realization of time-varying systems

Kotta, Ülle; Moog, Claude; **Tõnso, Maris** Proceedings of the Estonian Academy of Sciences 2018 / p. 208-216
http://www.kirj.ee/public/proceedings_pdf/2018/issue_3/proc-2018-3-207-216.pdf <https://doi.org/10.3176/proc.2018.3.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Requirements to the fast control channel of static VAR systems

Järvik, Jaan; Reiner, Ardi; Tellinen, Juhan Proceedings of the International Symposium on Electric Energy Conversion in Power Systems, Capri, 24-26 May 1989 1989

Research and development of control methods for low-loss IGBT inverter-fed induction motor drives = Energiatõhusa IGBT transistor-vaheldiga asünkroonajami juhtimismeetodite uurimine ja väljatötamine

Egorov, Mikhail 2011 <https://digi.lib.ttu.ee/i/?616>

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

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

Retrofitting fractional-order dynamics to an existing feedback control system : from classical proportional-integral (PI) control to fractional-order proportional-derivative (FOPD) control

Gonzalez, Emmanuel A.; **Tepljakov, Aleksei**; Monje, Concepcion A.; Petráš, Ivo International research journal on innovations in engineering, science and technology 2017 / 6 p https://www.researchgate.net/publication/325989325_Retrofitting_Fractional-Order_Dynamics_to_an_Existing_Feedback_Control_System_From_Classical_Proportional-Integral_PI_Control_to_Fractional-Order_Proportional-Derivative_FOPD_Control

Reverse engineering-based modeling of an EV motor drive for digital twin development

Ibrahim, Mahmoud Hassanin Mohamed; Mahmoud Ibrahim Hassanin Mohamed; Rassõlkin, Anton; Rjabtšikov, Viktor 2024 IEEE International Conference on Electrical Systems for Aircraft, Railway, Ship Propulsion and Road Vehicles and International Transportation Electrification Conference, ESARS-ITEC 2024 2025 / 5 p <https://doi.org/10.1109/ESARS-ITEC60450.2024.10819839>

A Riemannian geometric approach to output tracking for nonholonomic systems

Simha, Ashutosh; Raha, Soumyendu IFAC-PapersOnLine 2019 / p. 144-149 <https://doi.org/10.1016/j.ifacol.2019.11.769> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Riigi ametiasutuste eetika juhtimise süsteemide analüüs : lõppraport [Võrguväljaanne]

Saarniit, Leno; Pevkur, Aive; Laido, Anna; Oppi, Tanel; **Sinka, Kateriin** 2013
http://www.avalikteenistus.ee/public/eetika/Riigi_ametiasutuste_eetika_juhtimise_systeemide_analyys_2013.pdf

Risk assessment and calibration of risk matrices aspects

Sivitski, Alina; Põdra, Priit IOP conference series : materials science and engineering 2021 / art. 012040,
<https://doi.org/10.1088/1757-899X/1140/1/012040>

Robot bus low-level control system transformation to an open-source solution

Pikner, Heiko; Sell, Raivo; Gu, Junyi AIP conference proceedings 2024 / art. 020004 <https://doi.org/10.1063/5.0189277>

Robust control via polytopic stability region approximations

Nurges, Ülo; Rüstern, Ennu Proceedings of the 15th Mediterranean Conference on Control and Automation : MED'07 : Athena (Greece), June 27-29, 2007 2007 / [5] p <https://ieeexplore.ieee.org/document/4433838>

Robust D-stability analysis of fractional-order controllers

Ghorbani, Majid; Tepljakov, Aleksei; Petlenkov, Eduard 2023 American Control Conference, ACC 2023, San Diego, 31 May-2 June 2023 : proceedings 2023 / p. 3871-3876 : ill <https://doi.org/10.23919/ACC55779.2023.10156257> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Robust FOPID stabilization for Smith Predictor structures

Ghorbani, Majid; Tepljakov, Aleksei; Petlenkov, Eduard 61st IEEE Conference on Decision and Control, CDC 2022, Cancun, 6 December - 9 December 2022, proceedings 2022 / p. 1696-1701 <https://doi.org/10.1109/CDC51059.2022.9993283> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Robust pole assignment via Routh rays of polynomials

Artemšuk, Igor; Nurges, Ülo; Belikov, Juri 2016 American Control Conference (ACC) : July 6-8, Boston, MA, USA 2016 / p. 7031-7036 : ill <https://doi.org/10.1109/ACC.2016.7526781> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Robust pole placement via polytope of reflection vectors

Nurges, Ülo; Rüstern, Ennu ECC'07 European Control Conference : July 2-5, 2007, Kos, Greece : proceedings 2007 / p. 798-803

<https://ieeexplore.ieee.org/document/7068240>

Robust stability analysis of Smith predictor based interval fractional-order control systems: a case study in level control process

Ghorbani, Majid; Tavakoli-Kakhki, Mahsan; **Tepljakov, Aleksei; Petlenkov, Eduard** IEEE/CAA Journal of Automatica Sinica 2023 / p. 762-780 <https://doi.org/10.1109/JAS.2022.105986> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Robust stability region of PI controllers for an interval time delayed load frequency control

Ghorbani, Majid; Nosrati, Komeil; Tepljakov, Aleksei; Belikov, Juri; Petlenkov, Eduard IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT Europe 2024) : proceedings 2024 / 5 p <https://doi.org/10.1109/ISGTEUROPE62998.2024.10863205>

Round table discussion session about new trends in control methods design and implementation

Tamm, Boris, inform.; Niemi, A.J.; Bekey, G.; Kozak, Š.; Lewis, C.P.; Saffert, E.; Hruz, B. New Trends in Design of Control Systems : a postprint volume from the IFAC Workshop, Smolenice Slovak Republic, 7-10 September 1994 1994 / p. 373-377 <https://www.sciencedirect.com/science/article/pii/S1474667017476786>

Scheduling framework for dependable NoC-based systems

Tagel, Mihkel; Ellervee, Peeter; Jervan, Gert Workshop Digest. Diagnostic Services in Network-on-Chips - Test, Debug, and On-Line Monitoring : DATE 2009 : Nice, France, 20-24 April, 2009 2009 / ? p <https://ieeexplore.ieee.org/document/5335670>

Scheduling framework for real-time dependable NoC-based systems

Tagel, Mihkel; Ellervee, Peeter; Jervan, Gert Proceedings of the 11th International Conference on System-on-chip : Tampere, Finland, October 05-07, 2009 2009 / p. 95-99 <https://ieeexplore.ieee.org/document/5335670/keywords#keywords>

Scheme development for specification hybrid components of control systems

Vain, Jüri; Kuusik, Alar; Kääramees, Marko CAx Techniques : proceedings of the 4th International Scientific Colloquium : Bielefeld, Germany, September 13-15, 1999 1999 / p. 483-491

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

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

Simulation of missile autopilot with two-rate hybrid neural network system

Astrov, Igor; Tatarly, Sergei; Tatarly, Svetlana Advances in electrical and computer engineering 2007 / 1, p. 18-22 : ill https://www.researchgate.net/publication/41391566_Simulation_of_Missile_Autopilot_with_Two-Rate_Hybrid_Neural_Network_System

Simulation of the control system of AC linear positioning drive

Liivik, Liisa; Jansikene, Raik BEC 2002 : proceedings of the 8th Biennial Baltic Electronics Conference : October 6-9, 2002, Tallinn, Estonia 2002 / p. 77-78 : ill

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

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

Sotsialistliku transpordi juhtimine : õppematerjal

Valma, Arno 1973 https://www.ester.ee/record=b1348599*est

Specification of hybrid components of control systems

Vain, Jüri; Kuusik, Alar; Kääramees, Marko Preprints of the 5th IFAC Workshop on Intelligent Manufacturing Systems IMS'98, November 9-11 1998, Gramado - RS, Brazil 1998 / p. 83-88: ill <https://www.sciencedirect.com/science/article/pii/S147466701741007X>

Specification of safety and reliability requirements for control systems

Mõtus, Leo Dagstuhl Seminar 9509 : High Integrity Programmable Electronics Systems, February 27-March 03, 1995 1995

Specification of safety and reliability requirements for control systems

Mõtus, Leo Proceedings of the 3rd Baltic Summer School on Information Technology and System Engineering, 1-5 August, 1995, Klaipeda, Lithuania 1996 / p. 37-56

Specification of safety and reliability requirements for control systems

Mõtus, Leo High integrity systems 1996 / 6, p. 513-522 : ill

Starting your own pilot – Sohjoa Baltic. The Roadmap to automated electric shuttles in public transport

2020 <http://urn.fi/URN:ISBN:978-952-328-246-9>

State estimation and control for small low-cost autonomous underwater vehicles = Meetodid olekute hindamiseks ja juhtimiseks soodsa hinnaga autonoomsetele allveerobotitele

Meurer, Christian 2021 https://www.ester.ee/record=b5435482*est <https://digikogu.taltech.ee/et/Item/717111f2-51e3-4176-b0b8-b369064b26a2> <https://doi.org/10.23658/taltech.27/2021>

State of charge estimation for Li-ion batteries based on equivalent circuit diagrams and the application of a Kalman filter

Rahmoun, Ahmad; Biechl, Helmuth; **Rosin, Argo** 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. 125-128 : ill

State of the art and development trends of smart control systems for high voltage DC/DC converters

Roasto, Indrek; Vinnikov, Dmitri; Lehtla, Tõnu 6th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology : [Kuressaare, January 12-17, 2009] 2009 / p. 36-42 : ill

State-space control of nonlinear systems identified by ANARX and neural network based SANARX models

Vassiljeva, Kristina; Petlenkov, Eduard; Belikov, Juri The 2010 International Joint Conference on Neural Networks (IJCNN) : 18-23 July 2010, Barcelona : proceedings 2010 / p. 3816-3823 : ill <https://ieeexplore.ieee.org/document/5596581>

State-space realization of nonlinear control systems : unification and extension via pseudo-linear algebra

Belikov, Juri; Kotta, Ülle; Tõnso, Maris Kybernetika 2012 / p. 1100-1113 https://www.researchgate.net/publication/269024076_State-space_realization_of_nonlinear_control_systems_Unification_and_extension_via_pseudo-linear_algebra

Static state feedback linearizability : relationship between two methods

Mullari, Tanel; Kotta, Ülle; Tõnso, Maris Proceedings of the Estonian Academy of Sciences 2011 / 2, p. 121-135 https://artiklid.elnet.ee/record=b2413961*est

Statistilised meetodid automatiseeritud juhtimissüsteemides

Petersen, Ivar-Heldur Ettekannete teesid IV vabariiklikule konverentsile "Automatiseeritud juhtimissüsteemid Eesti NSV-s" : Käärikul, 18.-21. det. 1972.a. = Тезисы докладов IV республиканской конференции "Автоматизированные системы управления в Эстонской ССР" в Кяэрику, 18-21 декабря 1972 г. 1972 / lk. 37 https://www.ester.ee/record=b1324728*est

A stochastic nonlinear excitation controller for transient stabilization in a power system

Xu, Yan; Wen, Fushuan; **Palu, Ivo; Yang, Zeng**; Chen, Minghui; Zhao, Hongwei; Shang, Huiyu 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings 2019 / 4 p. : ill <https://doi.org/10.1109/RTUCON48111.2019.8982375>

Supervisory fed-batch fermentation control on the basis of linguistically interpretable fuzzy models

Riid, Andri; Rüstern, Ennu Proceedings of the Estonian Academy of Sciences. Engineering 2000 / 2, p. 96-112 : ill https://artiklid.elnet.ee/record=b1004040*est

The supplement of the diagnostic tool for assessment the implemented performance management systems : theoretical approach

Kadak, Tarmo International journal of mathematics and computers in simulation 2013 / p. 187-197 : ill https://www.researchgate.net/publication/292833919_The_supplement_of_the_diagnostic_tool_for_assessment_the_implemented_performance_management_systems_Theoretical_approach Journal metrics at Scopus Article at Scopus

Synergy-based chaos control in the multy-agent hierarchical systems = Sünergiapõhine kaose juhtimine paljuagentsetes hierarhilistes süsteemides

Källo, Rommi 2016 <http://digi.lib.ttu.ee/i/?6210> https://www.ester.ee/record=b4601192*est

Tallinna Sadama projekt Tark Sadam valmib hiljemalt oktoobri lõpuks 2016

Niit, Jane Paat & Meremees 2016 / lk. 80-81 : ill https://artiklid.elnet.ee/record=b2780195*est

Tallinna Tehnikaülikooli juhtimissüsteemi käsiraamat

2014 http://www.ester.ee/record=b4743389*est

Tallinna Tehnikaülikooli juhtimissüsteemi käsiraamat

2015 http://www.ester.ee/record=b4764672*est

Tallinna Tehnikaülikooli uus labor mõjutab digitaalsete kaksikute võidukäiku Eesti tööstuses

Ehitusuudised : [ajalehe Äripäev lisa] 2022 / Lk. 58 [Tallinna Tehnikaülikooli uus labor mõjutab digitaalsete kaksikute võidukäiku Eesti tööstuses](https://www.ester.ee/record=b2050444*est) https://www.ester.ee/record=b2050444*est

Tallinna veepuhastusjaama integreeritud juhtimissüsteem

Oit, Monika Arvutustehnika ja Andmetöötlus : A&A 1988 / lk. 28-31 : ill https://www.ester.ee/record=b1071940*est

Tegevusedukuse juhtimise süsteemide osad ja osade komponendid. Teoreetiline vaade
Kadak, Tarmo Audit, maksud, raamatupidamine ja majandusanalüüs : [konverentsikogumik] 2012 / lk. 58-69 : ill

Tegevusedukuse mõiste laiaulatuslikkus: kas oht või võimalus?
Kadak, Tarmo Audit, maksud, raamatupidamine ja majandusanalüüs. II 2013 / lk. 40-44 : ill

Tegevusedukuse mõõtmise ja juhtimise süsteemide arengu ülevaade
Kadak, Tarmo Raamatupidamiselt majandusarvestusele (arvestus, analüüs, maksundus, auditeerimine) 8.11.2007, Tallinn : konverentsikogumik 2007 / lk. 62-68

TEST I Kas sina tead, kuidas hinnata elektrisüsteemi seisundit ja miks rekonstrueeritakse tramme? Pane end proovile! [Võrguväljaanne]

Kas sina tead, kuidas hinnata elektrisüsteemi seisundit ja miks rekonstrueeritakse tramme? Pane end proovile! [Võrguväljaanne]
postimees.ee 2022 "[Kas sina tead, kuidas hinnata elektrisüsteemi seisundit ja miks rekonstrueeritakse tramme? Pane end proovile!](#)"

The control of operation modes in a traction drive
Lehtla, Madis; Joller, Jüri The 4th Research Symposium of Young Scientists : Actual Problems of Electrical Drives and Industry Automation : Tallinn, Estonia, May 17-21, 2003 2003 / p. 77-82 : ill

The hardware for artificial nose
Misans, Peteris; Dzilums, Guntars; Shirs, Juris BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 425-428: ill

The impact of safety and reliability requirements on the specification of control systems
Mõtus, Leo Postprints of IFAC Workshop on Safety, Reliability and Applications of Emerging Intelligent Control Technologies, 12-14 December, Hong Kong, 1994 1994 / p. 88-96 <https://www.sciencedirect.com/science/article/pii/S1474667017457144>

The impact of software timing correctness on systems safety
Mõtus, Leo; Rodd, Michael G.; Neill, C. Preprints IFCA 2nd Workshop on Safety and Reliability on Emerging Control Technology, 1995 1995 / p. 193-203 <https://www.sciencedirect.com/science/article/pii/S1474667017448324>

The importance of developing of quality management systems in Estonian enterprises, feedback to joining EU
Laansoo, Andres; Stepanov, Aleksandr 4th International Conference Welding & Powder Metallurgy : MET-2005 : reports and thesis 2006 / p. 56-59

The quasi-Z-source DC/DC converter with a series resonant circuit
Liivik, Liisa 14th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. II" : Pärnu, Estonia, January 13-18, 2014 2014 / p. 135-140 : ill

The strong Popov form of nonlinear input–output equations
Bartosiewicz, Zbigniew; Pawluszewicz, Ewa; Wyrwas, Małgorzata; **Kotta, Ülle; Tõnso, 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](#)

Theorizing the managerialism-neoliberalism-development nexus: changing donor landscapes and persistence of practices in Kyrgyzstan
Rudzite, Liga Theorizing Central Asian politics : The state, ideology and power 2019 / p. 65-93 https://doi.org/10.1007/978-3-319-97355-5_4

Threat modeling of industrial control systems: A systematic literature review
Khalil, Shaymaa Mamdouh; Bahsi, Hayretdin; Korõtko, Tarmo Computers and security 2024 / art. 103543, 19 p. : ill <https://doi.org/10.1016/j.cose.2023.103543> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Three-rate neural control of TUAV with coaxial rotor and ducted fan configuration for enhanced situational awareness
Astrov, Igor; Pedai, Andrus 2012 International Conference on Control, Automation and Information Sciences (ICCAIS) : [Ho Chi Minh City, Vietnam, November 26-29, 2012 : proceedings] 2012 / p. 78-83 : ill <https://ieeexplore.ieee.org/document/6466634>

Toiduohutuse juhtimissüsteemid. Juhiseid ISO 22000:2005 rakendamiseks
Tedersoo, Erge 2007 https://www.ester.ee/record=b2335375*est

Toimemõõtmise kvaliteedijuhtimissüsteemides ehk kuidas saavutada organisatsioonilist täiuslikkust mõõtmisüsteemi abil
Tammaru, Tiia Ülemaailmsele kvaliteedipäevale ja Euroopa kvaliteedinädalale pühendatud rahvusvaheline konverents Parimad kogemused edu saavutamiseks 10.-11. novembril 1999. a. Tallinnas 1999 / lk. 137-140, 382-385

Toiteliiniga seotud sõidukite energiavahetuse juhtimissüsteem : EE200200424

Pettai, Elmo; Laugis, Juhan; Lehtla, Tõnu; Joller, Jüri; Rosin, Argo 2004 <https://www1.epa.ee/patent/data.asp?NroParam=P200200424&ID=X551997&NID=&offset=&HKR=> <https://www1.epa.ee/patent/kirjeldus/P200200424.pdf>

Tootlikkuse juhtimissüsteem kui innovatsioon

Kalle, Eedo Informatsioonitehnoloogia ülemaailmse majanduskriisi tingimustes : EABA teaduslik-praktilise konverentsi tööde kogumik (EABA asutamise 20. aastapäevaks) 2009 / lk. 57-79

Tootlikkuse kasvu sõlmküsimumused Eestis

Kalle, Eedo Eesti Vabariigi ja ärihariduse aktuaalsed arenguprobleemid : EABC 15. aastapäevale pühendatud teaduslik-praktilise konverentsi materjalid 2004 / lk. 25-26

Tootmise automatiseerimine

Pettai, Elmo 2005 https://www.ester.ee/record=b2027146*est

Tootmise juhtimise automatiseeritud süsteemid

Herne, Vello Tehnika ja Tootmine 1975 / lk. 178-180 : ill https://www.ester.ee/record=b1073047*est

Tootmise planeerimise ja juhtimise süsteemid : väitekiri ... tehnikamagistri kraadi taotlemiseks

Nafthal, Meelis 1995 https://www.ester.ee/record=b2681046*est

Towards artificial intelligence driven immersive environments in virtual reality for industrial applications

Alsaleh, Saleh Ragheb Saleh; Teplyakov, Aleksei; Tamre, Mart; Petlenkov, Eduard 44th International Conference on Telecommunications and Signal Processing (TSP) 2021 / p. 340-345 <https://doi.org/10.1109/TSP52935.2021.9522676>

Towards genetic algorithm based structure identification for minimal state-space representation and feedback control of nonlinear MIMO systems

Vassiljeva, Kristina; Petlenkov, Eduard; Belikov, Juri Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK neljanda aastakonverentsi artiklite kogumik : 26.-27. novembril 2010, Essu mõis 2010 / lk. 11-14 : ill

Towards industrialization of FOPID controllers : a survey on milestones of fractional-order control and pathways for future developments

Teplyakov, Aleksei; Alagoz, Baris Baykant; Yeroglu, Celaeddin; Gonzalez, Emmanuel A.; HosseinNia, Hassan; Petlenkov, Eduard; Ates, Abdullah; Cech, Martin IEEE Access 2021 / p. 21016-21042 <https://doi.org/10.1109/ACCESS.2021.3055117> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Towards self-organising time-sensitive control system's software

Mõtus, Leo; Meriste, Merik IFAC Conference on New Technologies for Computer Control : NTCC 2001 : 19-22 November 2001, Hong Kong : final program and abstracts 2001 / p. 236-241 <https://www.sciencedirect.com/science/article/pii/S1474667017329440>

Traction and control of light rail vehicles

Laugis, Juhan; Lehtla, Tõnu; Joller, Jüri; Rosin, Argo; Vinnikov, Dmitri; Lehtla, Madis 2008 http://www.ester.ee/record=b2394449*est

Transformation of nonlinear discrete-time state equations into the observer form : revision

Mullari, Tanel; Kotta, Ülle Proceedings of the Estonian Academy of Sciences 2023 / p. 1-5 <https://doi.org/10.3176/proc.2023.1.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Transformation of nonlinear state equations into the observer form : necessary and sufficient conditions in terms of one-forms

Kaparin, Vadim; Kotta, Ülle Kybernetika 2015 / p. 36-58 <http://dx.doi.org/10.14736/kyb-2015-1-0036>

Tudengitel tuleb rahvusvahelise projekti raames digitaliseerida tööstusettevõtte juhtimissüsteem

toostusuudised.ee 2023 [Tudengitel tuleb rahvusvahelise projekti raames digitaliseerida tööstusettevõtte juhtimissüsteem](https://www.toostusuudised.ee/raames-digitaliseerida-toostusettevotte-juhtimissusteem)

TUT management system manual

2014 http://www.ester.ee/record=b4771377*est

A two-phase metamorphic approach for testing industrial control systems

Sudheerbabu, Gaadha; Ahmad, Tanwir; Sebek, Filip; Truscan, Dragos; Vain, Jüri; Porres, Ivan 2022 IEEE 27th International Conference on Emerging Technologies and Factory Automation (ETFA) : proceedings 2022 / 4 p <https://doi.org/10.1109/ETFA52439.2022.9921439>

Two-rate aggregative model in state space for a class of nonlinear multivariable stochastic continuous-time control

systems

Astrov, Igor; Rüstern, Ennu Proceedings of the 12th International Conference on Systems for Automation of Engineering and Research (SAER'98) : 19-20 September 1998, Varna - St. Konstantin resort, Bulgaria 1998 / p. 34-38

Two-rate state-space continuous-time models for subsystems of stochastic multivariable control systems

Astrov, Igor; Rüstern, Ennu Proceedings of the 13th International Conference "Systems for Automation of Engineering and Research" (SAER'99) : Varna, Bulgaria, September 18-19, 1999 1999 / p. 49-53

Two-rate state-space mathematical models for stochastic multivariable continuous-time control systems and their simulation (MMAR'2000)

Astrov, Igor; Em, Juri; Rüstern, Ennu Proc. 6th International Conf. on Methods and Models in Automation and Robotics 2000 / p. 471-476

Use of excellence models as a tool for benchmarking and knowledge management

Tammaru, Tiia; Kiitam, Andres Proceedings of the 10th International Conference of DAAAM Baltic Industrial Engineering, 12-13th May 2015, Tallinn, Estonia 2015 / p. 199-204

Using a fuzzy regulator to reduce noise

Shumski, Andrei; **Rassõlkin, Anton**; Autsou, Siarhei; Karpovich, Dzmitry; **Kallaste, Ants**; **Vaimann, Toomas** 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärdla, Estonia, June 12-15, 2019 : proceedings 2019 / 4 p. : ill <https://doi.org/10.1109/PQ.2019.8818257>

Using efficiency readings to choose the number of running pumps in multi-pump system

Bakman, Ilja 14th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. II" : Pärnu, Estonia, January 13-18, 2014 2014 / p. 88-93 : ill

Utilizing the fuzzy logic algorithm for cartesian robot control system in conditions of mechanical damage transmission

Dunaeva, Olga; Autsou, Siarhei; Kudelina, Karolina; Roosileht, Mare IECON 2024 - 50th Annual Conference of the IEEE Industrial Electronics Society IECON Proceedings (Industrial Electronics Conference) 2024 / 5 p
<https://doi.org/10.1109/IECON55916.2024.10905445>

Variations of performance management systems

Kadak, Tarmo; Laitinen, Erkki K. Transformation of science and business in new economic reality international scientific conference : book of extended abstracts 2021 / p. 42-44 <https://doi.org/10.15388/Transformation-of-science-and-business.2021>

Vastavushindamine [Võrguteavik] : nõuded juhtimissüsteemide auditit ja sertifitseerimist teostavatele asutustele. Osa 1, Nõuded = Conformity assessment : requirements for bodies providing audit and certification of management systems. Part 1, Requirements

2016 http://www.ester.ee/record=b4572261*est

Weak reachability and controllability of discrete-time nonlinear systems: generic approach and singular points

Mullari, Tanel; Kotta, Ülle; Bartosiewicz, Zbigniew; Sarafrazi, Mohammad Amin; Moog, Claude; Pawluszewicz, Ewa International journal of control 2020 / p. 483-489 <https://doi.org/10.1080/00207179.2018.1479076> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

WebMathematica-based tools for discrete-time nonlinear control systems

Tõnso, Maris; Rennik, Heli; Kotta, Ülle Proceedings of the Estonian Academy of Sciences 2009 / 4, p. 224-240

Wide input voltage range operation of the series resonant DC-DC converter with bridgeless boost rectifier

Bakeer, Abualkasim Ahmed Ali; Chub, Andrii; Vinnikov, Dmitri; Rosin, Argo Energies 2020 / p. 4220-4237
<https://doi.org/10.3390/en13164220> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Wide range series resonant DC-DC converter with a reduced component count and capacitor voltage stress for distributed generation

Bakeer, Abualkasim Ahmed Ali; Chub, Andrii; Blinov, Andrei; Lai, Jih-Sheng Energies 2021 / art. 2051
<https://doi.org/10.3390/en14082051> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Virtual inertia control of microgrids using deep reinforcement learning methods = Mikrovõrkude virtuaalse inertsi juhtimine sügava stiimulõppe meetoditega

Škiparev, Vjatšeslav 2023 <https://doi.org/10.23658/taltech.37/2023> <https://digikogu.taltech.ee/et/Item/6d924a63-2390-4324-bf1c-00b24111605e> https://www.ester.ee/record=b5571224*est

Voluntary safety management system in manufacturing industry - to what extent does OHSAS 18001 certification help?

Paas, Önnela; Reinhold, Karin; Tint, Piia 56th International Riga Technical University Conference "Scientific Conference on Economics and Entrepreneurship SCEE'2015" : proceedings 2015 / p. 161-162

Voluntary safety management system in the manufacturing industry - to what extent does OHSAS 18001 certification help?

Paas, Õnnela; Reinhold, Karin; Tint, Piia Scientific journal of Riga Technical University. Safety of technogenic environment 2015 / p. 26-34 : tab <http://dx.doi.org/10.1515/ste-2015-0004>

Võrkudelite tüpiseerimine ja automatiseeritud formeerimine Tallinna Ehitustrustis

Kondratenko, N.; Mürsepp, Olev; Sutt, Jüri XXXII üliõpilaste teaduslik-tehnilise konverentsi ettekannete teesid : pühendatud V. I. Lenini 110. sünniaastapäevale : 16.-18. aprill 1980 1981 / lk. 152-153 https://www.ester.ee/record=b1322611*est

Välisvalgustuse juhtimislahenduste tööpõhimõtetest

Vörk, Alar; Preden, Jürjo-Sören Elektriala 2013 / lk. 8-10 : ill

Väljakutsed energeetikas : [avatud platvorm energiavoogude juhtimiseks]

Korõtko, Tarmo Tehnikamaailm 2024 / lk. 74-75 : fot https://www.ester.ee/record=b1073050*est

Õppetegevuse protsessipõhine juhtimissüsteem

Tammemäe, Kalle; Vihand, Tiia Mentel et Manu 2013 / lk. 9-11 : ill

Ärikinnisvara hooldus – oluline argument LEED sertifitseerimisel

Penjam, Kadri Äripäev 2020 / Lk. 24-25 [Ärikinnisvara hooldus – oluline argument LEED sertifitseerimisel](https://www.ester.ee/record=b5223461*est)
https://www.ester.ee/record=b5223461*est

XI majandusorganisatsioonide juhtimisprobleemide konverents : 22. aprillil 2005. aastal = XI Conference on the Management of Business Organisations : 22 April 2005

2005 http://www.ester.ee/record=b2038093*est

Автоматизация исследования и проектирования адаптивных систем управления непрерывными динамическими объектами

Lehtmets, Andrus; Rüstern, Ennu Тезисы докладов 3-й Всесоюзной школы "Проектирование автоматизированных систем контроля и управления сложными объектами" 1988 / с. 13

Автоматизация проектирования технологических процессов для ГПС на Минск-ЭВМ

Küttner, Rein; Petuhhov, Igor; Portjanski, Leonid Управление в гибких производственных системах : материалы научно-практического семинара, 19-20 февр. 1988 / с. 20-24

Автоматизированная информационная система АИС-"СМЕТА" : математическое обеспечение ЕС ЭВМ

Sutt, Jüri; Jürviste, I.; Kalitševski, J. 1979 https://www.ester.ee/record=b1270283*est

Автоматизированная система управления строительством : общие положения : учебное пособие

Sutt, Jüri 1981 https://www.ester.ee/record=b1319739*est

Анализ взаимосвязности многомерного объекта при проектировании систем управления

Jaaksoo, Ülo; Oit, Monika Тезисы докладов III Всесоюзного совещания по автоматизации проектирования систем автоматического и автоматизированного управления технологическими процессами, г. Иваново, 16-18 сент. 1981 г 1981 / с. 161-162

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

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

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

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

Влияние сопротивления рассеяния трёхфазной обмотки на мощность подмагничивания управляемого реактора

Orlov, V.; Järvik, Jaan Электромеханика. 5 1974 / с. 59-68 : илл https://www.ester.ee/record=b2190666*est
<https://digikogu.taltech.ee/et/Item/6827b5ca-030f-4eae-87e4-93c1fa0f4395>

Возможности повышения эффективности системы управления санитарно-гигиеническими условиями труда с целью повышения производительности труда и культуры труда

Tosso, Henn; Kiivet, Gunnar Роль и перспективы профессиональной медицины в повышении производительности и культуры труда : тезисы научно-практической конференции 1982 https://www.ester.ee/record=b1269029*est

Возможности повышения эффективности системы управления условиями труда с использованием ЭВМ на предприятиях строительных материалов (на опыте ЭССР)

Kiivet, Gunnar; Kristjuhan, Ülo; Tosso, Henn Опыт внедрения системы управления охраной труда в организациях и на предприятиях строительных министерств и ведомств : тезисы докладов всесоюзной конференции (г. Липецк, 16-18 авг. 1983 г.) 1983 / с. 162-164

Возможности применения управляемого реактора в качестве преобразовательного устройства регулируемого электропривода

Meiessaar, J.; Järvi, Jaan XX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР : тезисы докладов. Часть 1 1974 / с. 166 https://www.ester.ee/record=b1306141*est

Всесоюзная научная конференция : Основные направления повышения эффективности и качества создания и функционирования АСУ ВШ : тезисы докладов

1977 https://www.ester.ee/record=b1308846*est

Всесоюзное научно-техническое совещание "Автоматизация проектирования систем автоматического и автоматизированного управления" : тезисы докладов

1976 https://www.ester.ee/record=b1349811*est

Вычисление булевых производных при анализе диагностических тестов

Ubar, Raimund-Johannes Проблемы надежности при проектировании систем управления: тезисы докладов Второй Всесоюзной конференции. Вып. 3 1976 / с. 55

Генерация линеаризованных моделей на ЭВМ

Rebane, Jüri; Aarna, Olav Всесоюзное научно-техническое совещание "Автоматизация проектирования систем автоматического и автоматизированного управления" : тезисы докладов 1976 / с. 13-14 : илл https://www.ester.ee/record=b1349811*est

Гидравлика и пневматика

Küttner, Rein; Ainola, Leo; Liiv, Uno; Ruustal, Endel; Kask, Endel; Koppel, Tiit; Lamp, Jürgen; Reedik, Vello; Unt, A.; Grossschmidt, Gunnar; Pahapill, Jaak 1983 https://www.ester.ee/record=b1273193*est

Гидравлика и пневматика

Reedik, Vello; Grossschmidt, Gunnar; Vanaveski, Jüri; Pais, Enno; Pahapill, Jaak; Ainola, Leo; Liiv, Uno; Ruustal, Endel; Kask, Endel; Koppel, Tiit; Lepp, Andres; Ruubel, R.; Sarv, Laur; Daniel, Eghert; Tiiman, Ago; Kõiv, Teet-Andrus 1987 https://www.ester.ee/record=b1317064*est

Декомпозиция системы управления строительством

Sutt, Jüri Экономические проблемы интенсификации строительного производства 1984 / с. 71-79

Динамическое сглаживание материальных потоков в химикотехнологической системе

Aarna, Olav Тезисы докладов VII всесоюзного совещания по проблемам управления. Книга 1. 1977 / с. [199-202]

Задача: создание новых систем и методов управления : [Ин-т кибернетики АН ЭССР]

Jaaksoo, Ülo Вечерний Таллинн 1974 / с. [?] https://www.ester.ee/record=b1073205*est

Имитационное моделирование многостадийных технологических процессов при проектировании систем управления качеством

Annus, Arno; Bachverk, Aleksander; Kiitam, Andres; Pikka, Kaie Тезисы докладов Республиканской научно-технической конференции "Современные методы и устройства радиоэлектронного оборудования", посвященной Дню радио. Секция: полупроводниковые приборы 1981 / с. 69-70 https://www.ester.ee/record=b1310801*est

Интегрированная система машинного проектирования САУ для непрерывных процессов

Aarna, Olav; Raiend, Kullo Автоматизация проектирования систем автоматического и автоматизированного управления, II Всесоюзное научно-техническое совещание : тезисы докладов 1978 / [с. 133-138]

Интегрированный подход к машинному проектированию систем управления непрерывными процессами

Aarna, Olav; Siitan, Urmas; Raiend, Kullo Труды МГТУ. : Автоматизированное проектирование систем управления 1983 / с. [64-72]

Исследование возможностей применения постоянного подмагничивания для управления индукционными машинами

Kalda, Heljut; Lahtmets, Rain; Järvi, Jaan Материалы VIII Таллинского совещания по электромагнитным расходомерам и электротехнике жидких проводников. Часть III, МГД-машины. МГД-привод 1980

Машинное моделирование многостадийных технологических процессов при проектировании систем управления качеством

Annus, Arno; Bachverk, Aleksander; Kiitam, Andres VIII Всесоюзное совещание по проблемам управления : Таллин, октябрь

1980 : тезисы докладов. Книга 1 1980 / с. 195-197 https://www.ester.ee/record=b1275360*est

Метод наложения вероятностных моделей как средство расчета и исследования сложных систем со случайными параметрами

Vaitmaa, Jaan; Jõudu, Kusta; Jakovlev, I. Труды по электротехнике и автоматике : сборник статей. 5 1967 / с. 79-90 : илл https://www.ester.ee/record=b2182187*est <https://digikogu.taltech.ee/Item/a4d66fdf-69d6-487a-a6ee-1f9ce266f2ad>

Микропроцессорная система управления двухдвигательным магнитогиродинамическим приводом

Laugis, Juhan; Oorn, Hillar; Oorn, Arvo Проблемы оптимизации работы автоматизированных электроприводов 1986 / с. 135-136

Моделирование дискретных адаптивных систем управления

Lehtmeets, Andrus; **Rüstern, Ennu** XXX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 8-10 апреля 1986 года : тезисы докладов. Том II, Автоматика. Энергетика. Механика. Химия 1986 / с. 14 https://www.ester.ee/record=b1305565*est

Моделирование непрерывных автоматизированных технологических комплексов и построение АСУ ТП

Aarna, Olav Тезисы докладов X всесоюзного научно-технического совещания "Создание и внедрение автоматизированных и автоматических систем управления непрерывными и дискретно-непрерывными технологическими процессами", 7-9 сент. 1983 г., г. Алма-Ата : В 2 ч. 1983 / с. [162-163]

Моделирование систем управления в строительстве

Sutt, Jüri Развитие научных исследований в области технических наук в Эстонской ССР : тезисы республиканской конференции, Таллин, 15-16 октября 1986 г. 1986 / с. 19-21 https://www.ester.ee/record=b1231513*est

Моделирование системы управления при помощи дерева целей

Habakuk, Madis; Elenurm, Tiit Искусственный интеллект, VII всесоюзный симпозиум по кибернетике 1974 / с?

Модуль управления подачей литейного робота

Merisalu, Ülo; Oorn, Hillar XXX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 8-10 апреля 1986 года : тезисы докладов. Том II, Автоматика. Энергетика. Механика. Химия 1986 / с. 52 https://www.ester.ee/record=b1305565*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

О концептуальном подходе к моделированию слогиных технических и социально-экономических систем управления

Zudik, A.; **Puusepp, Märt** X Всесоюзное совещание по проблемам управления, Алма-Ата, сент.-окт. 1986 : тезисы докладов 1986 / с. 318 https://www.ester.ee/record=b4442403*est

О роли моделирования в предпроектных исследованиях при создании АСУТП

Annus, Arno; Lind, H. Тезисы докладов республиканской конференции "Разработка и внедрение автоматизированных систем управления технологическими процессами для повышения эффективности производства и качества выпускаемой продукции" 1977 / с. 18-19 https://www.ester.ee/record=b1280771*est

О совершенствовании системы управления занятостью населения

Вайсбурд В. Проблемы подготовки и использования кадров : тезисы докладов межреспубликанского семинара. 2 1990 / с. 23-26

О специфике программного обеспечения АСУТП

Mõtus, Leo; Kääramees, Kalev; Hanson, V. Тезисы докладов республиканской конференции "Разработка и внедрение автоматизированных систем управления технологическими процессами для повышения эффективности производства и качества выпускаемой продукции" 1977 / с. 20-22 https://www.ester.ee/record=b1280771*est

Об автоматических системах управления конденсаторных установок

Kala, Ülo; Reiner, Ardi; Järvik, Jaan Компенсация реактивной мощности как средство экономии электроэнергии : (тезисы докладов) 1978 / с. 16-17

Об автоматическом синтезе тестов для цифровых объектов систем управления

Plakk, Mari; Ubar, Raimund-Johannes VII Всесоюзное совещание по проблемам управления, Минск, 21-25 ноября 1977. Кн. 3 1977 / с. 97-98

Опасные режимы системы подмагничивания управляемого реактора

Järvik, Jaan Электромеханика. 4 1973 / с. 53-65 : илл https://www.ester.ee/record=b2190554*est
<https://digikogu.taltech.ee/et/Item/a0f6e008-859b-40f0-b091-f60425ec49d5>

Особенности защиты системы подмагничивания управляемого реактора

Järvik, Jaan Электромеханика. 4 1973 / с. 67-75 : илл https://www.ester.ee/record=b2190554*est
<https://digikogu.taltech.ee/et/Item/a0f6e008-859b-40f0-b091-f60425ec49d5>

Повышение безопасности движения на основе развития АСУ транспортными потоками

Хилажев Е.Б. Научная конференция "Безопасность движения", Таллинн, 14-15 ноября 1990 г. : тезисы 1990 / с. 213-214

Подготовка инженеров по АСУ в ТПИ

Einer, Lauri Тезисы докладов республиканской конференции "Разработка и внедрение автоматизированных систем управления технологическими процессами для повышения эффективности производства и качества выпускаемой продукции" 1977 / с. 11-14 https://www.ester.ee/record=b1280771*est

Показатели быстродействия управляемых реакторов большой мощности

Järvik, Jaan Электромеханика. 4 1973 / с. 35-51 : илл https://www.ester.ee/record=b2190554*est
<https://digikogu.taltech.ee/et/Item/a0f6e008-859b-40f0-b091-f60425ec49d5>

Применение имитационных моделей много-ошибочных технологических процессов при проектировании АСУ разрушением продукции

Kiitam, Andres Всесоюзное научно-техническое совещание "Опыт создания и внедрения автоматизированных и автоматических систем управления технологическими процессами", 6-8 сент. 1977 г. : тезисы докладов 1977 / с. 93-94

Применение СУ "Сфера-36" для лабораторных работ

Удрас, Юрий; **Kulmar, Lembit** 35 научная конференция студентов втузов Эстонии, Латвии, Литвы, Белоруссии и Молдовы : [Таллинн, 1991] : доклады. Секция электромеханики. Секция электроэнергетики 1991 / с. 14-18: ил

Проблемы увеличения надежности и снижения себестоимости позиционных систем числового программного управления (ПСЧПУ)

Reedik, Vello Оптимизация производственных процессов машиностроительных заводов республики : республиканская научно-техническая конференция : [Таллинн, 1970 21-23 октября] : расширенные тезисы докладов 1970 / с. 36-37 https://www.ester.ee/record=b1372140*est

Разработка и исследование оптимизационных методов декомпозиционного синтеза управляющих автоматов в базе программируемых логических устройств : автореферат ... кандидата технических наук (05.13.01)

Berkman, Boriss 1989 https://www.ester.ee/record=b1225548*est

Разработка и исследование оптимизационных методов декомпозиционного синтеза управляющих автоматов в базе программируемых логических устройств : диссертация на соискание ученой степени кандидата технических наук

Berkman, Boriss 1989 https://www.ester.ee/record=b4636210*est

Разработка и применение методов повышения технологичности программного обеспечения систем управления : автореферат ... кандидата технических наук (05.13.01 ; 01.01.10)

Kääramees, Kalev 1983 https://www.ester.ee/record=b1290715*est

Разработка и применение методов повышения технологичности программного обеспечения систем управления : диссертация на соискание ученой степени кандидата технических наук

Kääramees, Kalev 1983 https://www.ester.ee/record=b4634410*est

Разработка прикладного пакета для проектирования адаптивных систем управления с применением инструментальной систем С-PRIZ

Lehtmets, Andrus; Priima, H.; Rüstern, Ennu; Sarv, Siim Объектно-ориентированное программирование : всесоюз. конф. "Актуальные проблемы системного программирования", Таллинн, 16-18 янв. 1990 1990 / с. 79-80

Расчет мощности управляемого реактора стержневой конструкции

Tellinen, Juhan; Järvik, Jaan Проектирование и расчет электромагнитных устройств специального назначения 1979 / с. 29-35 : илл https://www.ester.ee/record=b1271276*est <https://digikogu.taltech.ee/et/Item/76bd8713-dc87-4a4b-8822-f1733a47224a>

Реализация модулей анализа данных на системах управления базами данных

Võhandu, Leo; Mikli, Toomas Всесоюзный семинар по методам синтеза типовых модульных систем обработки данных : тезисы докладов 1981 / с. 112

Реорганизация базы данных

Tedersoo, Kalju Всесоюзная научная конференция : Основные направления повышения эффективности и качества

создания и функционирования АСУ ВШ : тезисы докладов 1977 / с. 29-30 https://www.ester.ee/record=b1308846*est

Решение задачи измерения скорости в макете привода с векторным управлением

Boiko, Vitali; Vinnikov, Dmitri; Laugis, Juhan Automatika ir valdymo technologijos - 2004 = Automation and Control Technologies - 2004 : proceedings of the International Conference 2004 / p. 43-45

Синтез парных тестов комбинационных схем

Plakk, Mari; Ubar, Raimund-Johannes Расчет и проектирование приборов, устройств и систем технической кибернетики 1980 / с. 45-68 : илл https://www.ester.ee/record=b1281890*est <https://digikogu.taltech.ee/et/Item/8e0abfe2-9020-4ebd-85d1-fd67de0d1b30>

Система контроля и управления процессом аэрации больших очистных сооружений сточных вод

Jäetma, Teet; Marvet, Rein Электрохимические средства анализа и охрана окружающей среды : тезисы докладов всесоюзной конференции, 25-27 июня 1989 г 1989 / с. 194-196 : илл https://www.ester.ee/record=b1208856*est

Система управления : пути совершенствования

Terandi, Jaak Советская Эстония : орган ЦК Компартии Эстонии, Верховного Совета и Совета Министров Эстонской ССР 1985 / с. [?] https://www.ester.ee/record=b1447330*est

Система управления AVAR для статического компенсатора реактивной мощности

Reiner, Ardi; Tellinen, Juhan; Kodurand, Mart; Järvik, Jaan Проблемы электромагнитной совместимости силовых полупроводниковых преобразователей : тезисы докладов III Всесоюзного научно-технического совещания. Часть 2 1986 https://www.ester.ee/record=b1216668*est

Система управления аэротенком

Blonskaja, Viktoria; Vostrikov, Valeri; Mölder, Heino; Oit, H.; Tenno, R. Tallinna Tehnikaülikooli Toimetised 1990 / lk. 15-21: ill

Система управления для управляемого реактора РТДУ-20000/35

Reiner, Ardi; Kodurand, Mart; Ressar, R.; Tellinen, Juhan; Järvik, Jaan Симпозиум "Эффективность применения управляемых реакторов в энергосистемах", 14-16 нояб. 1989 г. : тезисы докладов 1989 / с. 34-35

Система управления и защиты статического компенсатора реактивной мощности AVAR

Järvik, Jaan 1986 https://www.ester.ee/record=b2029687*est

Система управления инвертором на диодтранзисторных логических элементах

Irs, Rein; Pikkov, Otto; Šilf, K.; Tomson, Jaan; Šadeiko, T. Электромеханика. 3 1970 / с. 23-27 : илл https://www.ester.ee/record=b2189951*est <https://digikogu.taltech.ee/et/Item/ba0097d6-af8f-4557-96a1-ac545e315074/>

Система управления манипулятором

Lehtla, Tõnu; Roosimaa, Toivo; Evert, P. 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. 82 https://www.ester.ee/record=b1322629*est

Система управления промывной колонной в производстве карбамида

Sõtšev, V. S.; Aarna, Olav III всеююзная конференция "Математическое моделирование сложных химико-технологических систем" (СХТС-III), с 7 по 9 июня 1982 года : тезисы докладов. Часть 2 1982 / с. 159-160 https://www.ester.ee/record=b1275459*est

Система управления статического компенсатора реактивной мощности

Reiner, Ardi; Tellinen, Juhan; Järvik, Jaan; Kodurand, Mart Современные проблемы энергетики : (тезисы докладов и сообщения IV Республиканской научно-технической конференции, Киев, окт. 1985 г.) 1985 / с. 29

Система управления тоннеля

Armas, Jelena; Laugis, Juhan Automatika ir valdymo technologijos - 2004 = Automation and Control Technologies - 2004 : proceedings of the International Conference 2004 / p. 46-50 : ill

Системы подмагничивания мощных управляемых реакторов и мероприятия по их защите

Liebkind, Mark; Tšernovets, Aleksandr; Järvik, Jaan Известия Академии наук СССР. Энергетика и транспорт 1973 / с. 72-79 : илл., табл https://www.ester.ee/record=b1563509*est

Стабилизация развиваемых индукционным насосом усилий в замкнутой системе управления

Tiismus, Hugo; Ilves, K. Исследование и проектирование электромагнитных средств перемещения жидких металлов : сборник трудов. 4 1966 / с. 65-78 : илл https://www.ester.ee/record=b2100520*est <https://digikogu.taltech.ee/et/Item/68300884-f47a-42d1-a1ff-2e4a489053ce>

Управление манипулятором с шарнирной рукой

Горшков, Андрей; Kulmar, Lembit 35 научная конференция студентов вузов Эстонии, Латвии, Литвы, Белоруссии и Молдовы : [Таллинн, 1991] : доклады. Секция электромеханики. Секция электроэнергетики 1991 / с. 19-23: ил

Функциональные задачи автоматизированной системы управления строительством : учебное пособие
Sutt, Jüri 1981 https://www.ester.ee/record=b1327323*est

Цифровая система управления манитогидродинамическим (МГД) приводом литейного робота
Laugis, Juhan; Karboinov, Aleksander; Oorn, Hillar Опыт создания и пути повышения эффективности функционирования АСУ предприятиями и технологическими процессами : Тезисы докладов научно-технической конференции, Гомель, 21-22 нояб. 1985 г 1985 / с. 15-16

Эквивалентные условия для принципа Лагранжа
Fleiderviš, Mihhail Оптимизация и управление : практическое пособие 1985 / с. 73-76

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

Энергетические системы
Oidram, Rein; Valdma, Mati; Leisalu, Aarne; Möller, Kalju; Tammoja, Heiki; Liik, Olev; Lelumees, Heino; Vanamölder, K.; Perkman, I.; Raesaar, Peeter; Sild, Ants; Meldorf, Mati; Jokk, Viivi; Lepp, Marge; Poltavtseva, L.N.; Valtin, Juhan; Treufeldt, Ülo 1984 https://www.ester.ee/record=b1522851*est

Энергетические системы
Tarupere, Olev; Valdma, Mati; Keel, Matti; Liik, Olev; Leisalu, Aarne; Tammoja, Heiki; Möller, Kalju; Sild, Ants; Tiigimägi, Eeli; Meldorf, Mati; Valtin, Juhan; Raesaar, Peeter; Treufeldt, E.; Surgutsik, R.D. 1985 https://www.ester.ee/record=b1302407*est

Энергетические системы
Tarupere, Olev; Valdma, Mati; Meldorf, Mati; Tiigimägi, Eeli; Täht, Toomas; Sild, Ants; Keel, Matti; Kaju, Andres; Liik, Olev; Gorohh, L.N.; Leisalu, Aarne; Möller, Kalju; Tammoja, Heiki; Raesaar, Peeter 1987 https://www.ester.ee/record=b1224602*est

Энергетические системы
Metusala, Tiit; Möller, Kalju; Valdma, Mati; Raesaar, Peeter; Tiigimägi, Eeli; Keel, Matti; Lelumees, Heino; Liik, Olev; Tammoja, Heiki; Vanamölder, K.; Viilup, Lembit; Meldorf, Mati; Täht, Toomas; Treufeldt, Ülo; Valtin, Juhan; Mägi, Vahur 1982 https://www.ester.ee/record=b1303314*est

Энергетические системы
Metusala, Tiit; Valdma, Mati; Keel, Matti; Liik, Olev; Möller, Kalju; Tammoja, Heiki; Lelumees, Heino; Leisalu, Aarne; Vanamölder, K.; Raesaar, Peeter; Sild, Ants; Tiigimägi, Eeli; Meldorf, Mati; Sivakova, V.P.; Mägi, Hans 1983 https://www.ester.ee/record=b1286752*est

Ways to increase population mobility through the transition to sustainable transport
Makarova, Irina; Pashkevich, Anton; Shubenkova, Ksenia; Mukhametdinov, Eduard Procedia engineering 2017 / p. 756-762 : ill <https://doi.org/10.1016/j.proeng.2017.04.434> [Conference proceedings at Scopus Article at Scopus Article at WOS](#)