

A quadratic programming approach to output and robust controller design

Nurges, Ülo; Rüstern, Ennu Proceedings of the 3rd International Conference on Control Theory and Applications : Pretoria, South Africa, December 2001 2001 / p. 113-117

Adaptive LQR controller for Networked Control Systems subjected to random communication delays

Srinivasan, Seshadri; Vallabhan, Mishiga; Ramaswamy, Srin; Kotta, Ülle American Control Conference (ACC), 2013 : 17 - 19 June 2013, Washington, DC, USA (2013) 2013 / p. 783 - 787 <https://doi.org/10.1109/acc.2013.6579931> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Advanced control of district heating processes in Estonia = Keskkütte soojuse tootmisprotsesside juhtimine

Vansovitš, Vitali 2018 <https://digi.lib.ttu.ee/ii/?10628> https://www.ester.ee/record=b5151484*est

Automaatregulaatorid

Einer, Lauri 1975 https://www.ester.ee/record=b1310446*est

Control features of multicell-type current regulator for resistance welding

Verbytskyi, Ievgen; Bondarenko, Oleksandr; Liivik, Elizaveta 2017 IEEE 58th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) : proceedings : Latvia, Riga, 12-13 October, 2017 2017 / [5] p. : ill <https://doi.org/10.1109/RTUCON.2017.8124846>

Design of laboratory equipment for investigation of regulators for LED luminary

Milaševski, Irena 7th International Conference-workshop Compatibility and Power Electronics : CPE 2011 : Tallinn, Estonia, June 3, 2011 : student forum 2011 / p. 38-43 : ill

Design of two-rate decentralized linear quadratic regulators for continuous-time stochastic multivariable control systems

Astrov, Igor; Em, Juri; 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. 273-276 : ill

Development and validation of reactive power regulator for synchronous generator using industrial controller and real-time digital simulator

Trummal, Tarmo 19th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Tartu, Estonia, January 14-17, 2020 2020 / p. 165-166 : ill

Elektrotehnikas kasutatavad tähised

Risthein, Endel 2008 https://www.ester.ee/record=b2362045*est

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

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

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

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

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

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

Keskkütte programmregulaatori töörežiimi uurimine

Burlakova, L.; Mahkats, V.; Hääl, Kaido; Kõiv, Teet-Andrus XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 111-112 https://www.ester.ee/record=b2449987*est

Kolme krossi dimmer

Sinivee, Veljo Praktiline Arvutikasutaja 2007 / 6, lk. 34 : ill https://artiklid.elnet.ee/record=b1058797*est

Low noise LDO architecture with consideration for low voltage operation

Mihailov, Juri; Strik, Viktor; Strik, Sergei; Rang, Toomas 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. 41-44 : ill

Low quiescent current LDO with improved load transient

Strik, Sergei; Strik, Viktor BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : Tallinn University of Technology : October 6-8, 2008, Tallinn, Estonia 2008 / p. 127-130

LQG problem of descriptor systems and separation principle

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

Neuro-fuzzy control system for active filter with load adaptation [Electronic resource]

Husev, Oleksandr; Ivanets, Sergey; Vinnikov, Dmitri CPE 2011 : 7th International Conference-Workshop Compatibility and Power Electronics : June 1-3, 2011, Tallinn, Estonia : conference guide 2011 / p. 28-33 [CD-ROM]
<https://ieeexplore.ieee.org/document/5942202>

On robust stability of uncertain control systems with time delay : an approach based on the overlap of value sets

Ghorbani, Majid; Tepljakov, Aleksei; Petlenkov, Eduard IEEE Transactions on Automatic Control 2024 / p. 6349 - 6356
<https://doi.org/10.1109/TAC.2024.3381912> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the robust controller design via Schur invariant transforms

Nurges, Ülo Proceedings of the Estonian Academy of Sciences. Engineering 1997 / 4, p. 293-301: ill

PIClaator, ehk, Vannitoa ventilaatori taimer ja mäluga pöörete regulaator

Sinivee, Veljo Arvutikasutaja 2005 / 5, lk. 30-32 : ill https://artiklid.elnet.ee/record=b1050290*est

A quadratic programming approach to robust controller design

Nurges, Ülo Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2001 / 2, p. 98-111

R4 regulators of G protein signaling (RGS) identify an ancient MHC-linked synteny group

Suurväli, Jaanus; Robert, Jacques; Boudinot, Pierre; Rüütel Boudinot, Sirje Immunogenetics 2013 / p. 145-156 : ill
<https://doi.org/10.1007/s00251-012-0661-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Research and development of electronic ballasts for smart lighting systems with light emitting diodes = Tarkades valgustusüsteemides kasutatavate LED-valgustite elektrooniliste ballastseadmete uurimine ja arendamine

Milaševski, Irena 2012

Revisiting the LQR problem of singular systems

Nosrati, Komeil; Belikov, Juri; Tepljakov, Aleksei; Petlenkov, Eduard IEEE/CAA Journal of Automatica Sinica 2024 / p. 2236-2252 : ill <https://doi.org/10.1109/JAS.2024.124665> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

К вопросу о рациональном выборе типа затворов в условиях равнинных рек Советского Союза

Aitsam, Ain 1957 https://www.ester.ee/record=b1362691*est <https://digikogu.taltech.ee/et/Item/2f9e124c-7aee-47e3-8f15-b087dfe56b7e/>

Wide range input current measurement circuit for switching step down DC-DC regulator

Mihhailov, Juri; Strik, Sergei PRIME 2012 : Aachen, Germany : Session TG3—Analog DC 2012 / p. 209-212 : ill
<https://ieeexplore.ieee.org/document/6226162>

Автоматизированные регуляторы конденсаторных установок REVAR

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

Многополюсные модели расчета характеристик регулятора потока гидроприводов

Grossschmidt, Gunnar; Pahapill, Jaak Гидроаэродинамика и динамика систем управления 1983 / с. 75-90 : ил
https://www.ester.ee/record=b1273193*est <https://digikogu.taltech.ee/et/Item/6eddf5c2-8425-45ed-8c1b-1a000c6f681a>

Программное автоматическое регулирование коэффициента усиления

Madar, Urve Методы цифровой обработки и хранения радиотехнических сигналов 1987 / с. 68-73

Регулятор-стабилизатор напряжения на базе управляемого реактора последовательного включения

Reiner, Ardi; Järvik, Jaan XX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР : тезисы докладов. Часть 1 1974 / с. 164-165 https://www.ester.ee/record=b1306141*est

Синтез регуляторов

Rebane, Jüri; Rebane, Kaie IV Всесоюзная научная конференция "Математическое моделирование сложных химико-технологических систем" (СХТС-VI), 10-12 сент. 1985 г. : тезисы докладов ; Кн. 1 1985 / с. 61-62
https://www.ester.ee/record=b3877982*est

Структурная схема цифрового корректора ПИД-регулятора

Kracht, Wilhelm Труды по электротехнике и автоматике : сборник статей. 4 1966 / с. 3-10 : илл

https://www.eester.ee/record=b2182106*est <https://digikogu.taltech.ee/et/Item/bb01df36-1dc8-4676-acca-0860fdf8fca2>

Трехфазный импульсный регулятор напряжения с межфазным трансформатором

Nurste, Ivar; Sarv, Vello; Sui, R. Тезисы докладов XXXI студенческой научно-технической конференции 1980 / с. 58-59

https://www.eester.ee/record=b1319482*est