

Abiks majandusmatemaatika õppijaile. 4, Kõrgem matemaatika : integraalarvutus ja diferentsiaalvõrrandid : metoodiline materjal

1987 https://www.ester.ee/record=b1229575*est

Active and reactive power control of DFIG using optimized fractional order-PI controller

Javed, Umar; Arshad, Muhammad Asad; **Shabbir, Noman; Kütt, Lauri; Rassõlkin, Anton** 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. 398-404 <https://doi.org/10.1109/PEMC48073.2021.9432608>

Alternative approach to buckling of square hollow section steel columns in fire

Kervališvili, Andrei; Talvik, Ivar Journal of constructional steel research 2014 / p. 140-150 : ill <https://doi.org/10.1016/j.jcsr.2013.11.018>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analysing robustness of tiny deep neural networks

Mousavi, Hamid; Zoljodi, Ali; **Daneshtalab, Masoud** New Trends in Database and Information Systems : ADBIS 2023 Short Papers, Doctoral Consortium and Workshops : DOING, K-GALS, MADEISD, PeRS, Barcelona, Spain, September 4–7, 2023 : proceedings 2023 / p. 150-159 https://doi.org/10.1007/978-3-031-42941-5_14 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Analytical modelling of synchronous reluctance motor including non-linear magnetic condition

Naseer, Muhammad Usman; Kallaste, Ants; Asad, Bilal; Vaimann, Toomas; Rassõlkin, Anton IET electric power applications 2022 / p. 511-524 <https://doi.org/10.1049/elp2.12172> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Approximations, Harmonic Analysis, Operators and Sequences : research communications of the workshop held in

Narva-Jõesuu, Estonia, October 3-5, 2008

Kivinukk, Andi; Tamberg, Gert 2008

Arvutuspraktikumi juhend

Lõhmus, Ahto 1968 https://www.ester.ee/record=b1338991*est

Craig Interpolation for a Semi-Substructural Logic

Veltri, Niccolo; Wan, Cheng-Syuan Studia logica 2025 / 39 p <https://doi.org/10.1007/s11225-025-10189-7>

Design of a MATLAB-based teaching tool in introductory fractional-order systems and controls [Electronic resource]

Tepljakov, Aleksei; Petlenkov, Eduard; Gonzalez, Emmanuel A.; Petraš, Ivo 2017 IEEE Frontiers in Education Conference (FIE) : proceedings 2017 / 4 p. : ill [USB] <https://doi.org/10.1109/FIE.2017.8190681>

Design of performance characteristics on laser treated denim fabric : [conference paper]

Mandre, Nele; Plamus, Tiia; Linder, Angelika; Varjas, Toivo; Majak, Jüri; Krumme, Andres Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / p. 36 : ill [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

Digital fractional-order control of a position servo

Tepljakov, Aleksei; Petlenkov, Eduard; Belikov, Juri; Astapov, Sergei Proceedings of the 20th International Conference Mixed Design of Integrated Circuits and Systems : MIXDES 2013, Gdynia, Poland, June 20-22, 2013 2013 / p. 462-467 : ill

Digital realization of retuning fractional-order controllers for an existing closed-loop control system

Tepljakov, Aleksei; Petlenkov, Eduard; Gonzalez, Emmanuel A.; Belikov, Juri Journal of circuits, systems, and computers 2017 / art. 1750165, p. 1-26 <https://doi.org/10.1142/S0218126617501651> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Diskreetne analüüs : õppevahend

Henno, Jaak 1985 https://www.ester.ee/record=b1249308*est

Efficient analog implementations of fractional-order controllers

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

Erifunktsioonid : erikursus

Jõgi, Aksel 1995 https://www.ester.ee/record=b1069720*est

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

Formalizing CCS and π -calculus in Guarded Cubical Agda

Veltri, Niccolo; Vezzosi, Andrea Journal of logical and algebraic methods in programming 2023 / art. 100846
<https://doi.org/10.1016/j.jlamp.2022.100846> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Frequency domain analysis of the acoustic backscattering from an axially soldered tube

Touraine, Nicolas; Chiumia, Jeremiah; Decultot, Dominique; Maze, Gerard; **Klauson, Aleksander; Metsaveer, Jaan** Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 247-250: ill

Function theory on a qq-analog of complex hyperbolic space

Bershtein, Olga; Sinelshchikov, S. Journal of geometry and physics 2012 / p. 1323-1337
https://www.academia.edu/25561293/Function_theory_on_a_q_analog_of_complex_hyperbolic_space

GKC: A reasoning system for large knowledge bases

Tammet, Tanel Automated Deduction – CADE 27 : 27th International Conference on Automated Deduction, Natal, Brazil, August 27–30, 2019 : proceedings 2019 / p. 538-549 https://doi.org/10.1007/978-3-030-29436-6_32 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

Gusev, Sergey V. Varieties of aperiodic monoids with central idempotents whose subvariety lattice is distributive
Monatsh. Math. 201, 79-108 (2023) : [review]

Henno, Jaak zbMATH Open 2023 / 1 p. <https://zbmath.org/1512.20191>

Harilikud diferentsiaalvõrrandid

Paal, Eugen 2016

The Hermite - Minkowski domain of reduction of positive definite quadratic forms in six variables

Tammela, Paul Journal of Soviet Mathematics 1976 / p. 677-688 : ill <https://doi.org/10.1007/BF01092512>

Hierarchical conceptual clustering based on quantile method for identifying microscopic details in distributional data

Umbleja, Kadri; Ichino, Manabu; Yaguchi, Hiroyuki Advances in data analysis and classification 2020 / 30 p. : ill
<https://doi.org/10.1007/s11634-020-00411-w>

Imagination, cognition, and methods of science in Peircean abduction

Pietarinen, Ahti-Veikko; Bellucci, Francesco Handbook of Abductive Cognition 2023 / p. 229 - 244 https://doi.org/10.1007/978-3-031-10135-9_6

Implementing duration calculus specifications by timed automata

Kääramees, Marko Abstracts of NWPT'96, Oslo 1996 1996 / p. 10

Influence of compressive ice force in bow-to-aft ship collision

Tabri, Kristjan; Goerlandt, Floris; Kujala, Pentti The 7th International Conference on Collision and Grounding of Ships and Offshore Structures : ICCGS 2016 : 15th-18th June, 2016, University of Ulsan, Ulsan, Korea 2016 / p. 131-137 : ill

Influence of residual stress on the stability of steel columns at elevated temperatures

Kervališvili, Andrei; Talvik, Ivar Journal of civil engineering and management 2017 / p. 292-299 : ill
<https://doi.org/10.3846/13923730.2015.1068845> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Matemaatiline analüüs

Päeva, Heikki 1997 https://www.ester.ee/record=b1054829*est

Matemaatiline analüüs

1999 https://www.ester.ee/record=b1236968*est

Matemaatiline analüüs

Tammeraid, Ivar 2001 https://www.ester.ee/record=b1520745*est

Matemaatiline analüüs

Tammeraid, Ivar 2002 http://www.ester.ee/record=b1682555*est

Matemaatiline analüüs : harjutused

1993 https://www.ester.ee/record=b1065188*est

Matemaatiline analüüs : harjutused

Ruustal, Endel 1994 https://www.ester.ee/record=b1067687*est

Matemaatiline analüüs. I : juhend TTÜ kaugõppe-üliõpilastele

Tammeraid, Ivar 2003 https://www.ester.ee/record=b1809242*est

Matemaatiline analüüs. I : juhend TTÜ kaugõppe-üliõpilastele

2006 http://www.ester.ee/record=b1809242*est

Matemaatiline analüüs. II

Tammeraid, Ivar 2003 http://www.ester.ee/record=b1801064*est

Matemaatiline analüüs. II : juhend TTÜ kaugõppe-üliõpilastele

2004 http://www.ester.ee/record=b1884891*est

Matemaatilise analüüsi põhijooni

Borkvell, Albert 1939 https://www.ester.ee/record=b1431104*est

Matemaatilise analüüsi põhimõisted ja rakendused : õpperaamat kesk- ja kutsekoolidele

Borkvell, Albert 1927 https://www.ester.ee/record=b1338507*est

Matemaatilise analüüsi vabariiklik seminar "Ants Särev - 90" : [14. apr. 1992]

Kivinukk, Andi Aastaraamat 1992/1993 / Eesti Matemaatika Selts 1997 / lk. 90

Matrix transforms into the subsets of Maddox spaces defined by speed

Natarajan, Pinnangudi N.; **Aasma, Ants** WSEAS transactions on mathematics 2025 / p. 82-89

<https://doi.org/10.37394/23206.2025.24.11>

Maximally multi-focused proofs for skew non-commutative MILL

Veltri, Niccolò Logic, Language, Information, and Computation: 29th International Workshop, WoLLIC 2023, Halifax, NS, Canada, July 11–14, 2023 : proceedings 2023 / p. 377-393 https://doi.org/10.1007/978-3-031-39784-4_24 [Conference proceedings at Scopus](#)

[Article at Scopus](#)

Non-linear analysis of suspension bridges with flexible and rigid cables

Juozapaitis, Algirdas; **Idnurm, Siim**; Kaklauskas, Gintaris; **Idnurm, Juhan**; Gribniak, Viktor Journal of civil engineering and management 2010 / 1, p. 149-154 : ill

Nonlinear analysis using Chebyshev transformation

Kukk, Vello Circuit Paradigm in the 21st Century : ECCTD '01 : proceedings of the 15th European Conference on Circuit Theory and Design : Helsinki University of Technology, Finland, 28th-31st August 2001. Vol 3 2001 / p. 121-124 : ill

A note on the cosine operator function for Mellin sampling series

Kivinukk, Andi; **Tamberg, Gert** Sampling theory signal processing and data analysis 2024 / 16 p <https://doi.org/10.1007/s43670-023-00081-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Numerical method for stability analysis of functionally graded beams on elastic foundation

Shvartsman, Boris; **Majak, Jüri** Applied Mathematical Modelling 2016 / p. 3713 - 3719 <https://doi.org/10.1016/j.apm.2015.09.060> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

Numerical method for stability analysis of functionally graded columns

Shvartsman, B.S.; **Majak, Jüri**; **Kirs, Maarjus** Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 65-70 : ill

On Rogosinski-type approximation processes in Banach space using the framework of the cosine operator function

Kivinukk, Andi; **Saksa, Anna** Mathematical Foundations of Computing 2022 / p. 197-218 <https://doi.org/10.3934/mfc.2021030> [Journal](#)

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

On the theory of convolution equations of the third kind, II

Wolfersdorf, Lothar von; **Janno, Jaan** Journal of mathematical analysis and applications 2008 / p. 838-863

Optimal robust filter of uncertain fractional order systems : a penalized deterministic approach

Nosrati, Komeil; Belikov, Juri; Teplyakov, Aleksei; Petlenkov, Eduard IEEE Control Systems Letters 2023 / p. 1075 - 1080

<https://doi.org/10.1109/LCSYS.2022.3230773> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Peirce's continuous predicates

Bellucci, Francesco Transactions of the Charles S. Peirce Society 2013 / p. 178-202

Piecewise-linear DC analysis of nonlinear circuits

Roos, Janne; Valtonen, Martti BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 281-284: ill

A proof-theoretic study of bi-intuitionistic propositional sequent calculus

Pinto, Luis; **Uustalu, Tarmo** Journal of logic and computation 2018 / p. 165-202 <https://doi.org/10.1093/logcom/exx044> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Propositional logic for program synthesis

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

Reduction theory of positive quadratic forms

Tammela, Paul Journal of Soviet Mathematics 1979 / p. 197-276 : ill <https://doi.org/10.1007/BF01117520> [Journal metrics at Scopus](#) [Article at Scopus](#)

Resolution, inverse method and the sequent calculus

Tammet, Tanel Computational Logic and Proof Theory : 5th Kurt Gödel Colloquium, KGC'97 : Vienna, Austria, August 25-29, 1997 : proceedings 1997 / p. 65-83 https://link.springer.com/content/pdf/10.1007/3-540-63385-5_33.pdf

17. konverents "Mathematical Modelling and Analysis"

Janno, Jaan Aastaraamat 2012 / Eesti Matemaatika Selts 2014 / lk. 141-142

Semi-Substructural Logics à la Lambek

Wan, Cheng-Syuan Proceedings of 11th International Conference on Nonclassical Logics : Theory and Applications (NCL'24) 2024 / p. 195–213 <https://doi.org/10.4204/EPTCS.415.18> [Conference proceedings at Scopus](#) [Article at Scopus](#)

17th International conference on "Mathematical Modelling and Analysis" : June 6-9, 2012, Tallinn, Estonia : abstracts

2012 http://www.ester.ee/record=b2856237*est

Similarity and dissimilarity measures for mixed feature-type symbolic data

Ichino, Manabu; **Umbleja, Kadri** Studies in Theoretical and Applied Statistics 2018 / p. 131-144 <https://doi.org/10.1007/978-3-319-73906-9> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Some classes of matrix transforms connected with subspaces of Maddox spaces defined by speeds of convergence

Natarajan, Pinnangudi N.; Aasma, Ants Filomat 2024 / p. 8039-8046 <https://doi.org/10.2298/FIL2423039N>
<https://www.pmf.ni.ac.rs/filomat-content/2024/38-23/38-23-3-24287.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Some classes of matrix transforms related to speed-Maddox spaces over ultrametric fields

Natarajan, Pinnangudi N.; **Aasma, Ants** Acta et commentationes Universitatis Tartuensis de mathematica 2025 / p. 79-86
<https://doi.org/10.12697/ACUTM.2025.29.05>

Some summability methods b-equivalent to the Cesaro methods

Meronen, Olga; Tali, Anne Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2002 / 3, p. 137-148
https://artiklid.elnet.ee/record=b2326070*est

Teatmik majandusmatemaatika õppijale

Pungar, Eda-Tiia; Ruubel, Kadrin 1998

Teatmik majandusmatemaatika õppijale

Pungar, Eda-Tiia; Ruubel, Kadrin 1996 https://www.ester.ee/record=b1058411*est

Tehnoloogilist skeemi kirjeldavate võrrandite koostamine ja analüüs : metoodiline juhend

1987 https://www.ester.ee/record=b1225753*est

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

Tepljakov, Aleksei; Alagoz, Baris Baykant; Yeroglu, Celaleddin; Gonzalez, Emmanuel A.; HosseinNia Kani, Seyed 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](#)

Tuning and digital implementation of a fractional-order PD controller for a position servo

Tepljakov, Aleksei; **Petlenkov, Eduard**; **Belikov, Juri**; **Astapov, Sergei** International journal of microelectronics and computer science 2013 / p. 116-123 : ill

Valimik olümpiaadiülesandeid matemaatilisest analüüsist

1988 https://www.ester.ee/record=b1233795*est

Обобщение дифференциала и производной с применениями из математического анализа

Särev, Ants Научная сессия 1947/48 уч. года : тезисы докладов 1948 / с. 3-4 https://www.ester.ee/record=b1749673*est

Обработка турниров

Võhandu, Leo Тезисы III Всесоюзной конференции по нечисловому анализу 1990 / с. 173-174

Параметрическая серия вариантов одной задачи на минимум

Humal, Arnold Математика : сборник статей. 4 1969 / с. 3-9 : илл https://www.ester.ee/record=b2189908*est

<https://www.etera.ee/zoom/121376/view?>