Accessibility and orbits for discrete-time nonlinear control systems
Bartosiewicz, Zbigniew; **Kotta, Ülle**; Wyrwas, Malgorzata 60th IEEE Conference on Decision and Control, CDC 2021, Austin, 13-17 December 2021 2021 / p. 4594-4601 https://doi.org/10.1109/CDC45484.2021.9682853 Conference proceedings at Scopus Article at Scopus Article at WOS

Analytical approach for maximizing self-consumption of nearly zero energy buildings- case study : Baltic region
Ahmadiahangar, Roya; Karami, Hossein; **Husev, Oleksandr**; **Blinov, Andrei**; **Rosin, Argo**; Jonaitis, Audrius; Sanjari, Mohammad Javad Energy 2022 / art. 121744, 11 p. : ill https://doi.org/10.1016/j.energy.2021.121744 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Application of artificial intelligence and machine learning for BIM : review
Bassir, David; Lodge, Hugo; Chang, Haochen; **Majak, Jüri**; Chen, Gonfa International journal for simulation and multidisciplinary design optimization 2023 / art. 5 https://doi.org/10.1051/smdo/2023005 Journal metrics at Scopus Article at Scopus

Application of higher order Haar wavelet method for solving nonlinear evolution equations
Ratas, Mart; **Salupere, Andrus** Mathematical modelling and analysis 2020 / p. 271-288 https://doi.org/10.3846/mma.2020.11112 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Applications of the models
Danaila, Ionut; **Kaplanski, Felix**; Sazhin, Sergei Vortex Ring Models 2021 / p. 141-154 https://doi.org/10.1007/978-3-030-68150-0_7 Article collection metrics at Scopus Article at Scopus

Aqueous mineral carbonation of oil shale mine waste (limestone) : a feasibility study to develop a CO2 capture sorbent
Puthiya Veetil, Sanoop Kumar; **Rebane, Kaarel**; **Yörük, Can Rüstü**; **Lopp, Margus**; **Trikkel, Andres**; **Hitch, Michael William** Energy 2021 / art. 119895 https://doi.org/10.1016/j.energy.2021.119895 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Artificial lateral line for aquatic habitat modelling: An example for Lefua echigonia
Garcia-Vega, Ana; Fuentes-Perez, Juan Francisco; Fukuda, Shinji; **Kruusmaa, Maarja**; Sanz-Ronda, Francisco Javier; **Tuhtan, Jeffrey Andrew** Ecological Informatics 2021 / art. 101388 https://doi.org/10.1016/j.ecoinf.2021.101388 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessment of malicious tweets impact on stock market prices
Ishikawa, Tatsuki; **Ben Sassi, Imen**; **Ben Yahia, Sadok** Research Challenges in Information Science : 15th International Conference, RCIS 2021, Limassol, Cyprus, May 11–14, 2021 : proceedings 2021 / p. 330–346 https://doi.org/10.1007/978-3-030-75018-3_22 Conference Proceedings at Scopus Article at Scopus Article at WOS

A bayesian spatiotemporal model for reconstructing climate from multiple pollen records
Holmström, Lasse; Ilvonen, Liisa; Seppä, Heikki; **Veski, Siim** Annals of Applied Statistics 2015 / p. 1194 - 1225 https://doi.org/10.1214/15-AOAS832 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

B-spline based finite element method in one-dimensional discontinuous elastic wave propagation
Kolman, Radek; Okrouhlik, M.; **Berezovski, Arkadi**; Gabriel, Dusan; Kopačka, J.; Plešek, J. Applied mathematical modelling 2017 / p. 382-395 : ill https://doi.org/10.1016/j.apm.2017.01.077 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Business intelligence and analytics: On-demand ETL over document stores
Souibgui, Manel; Atigui, Faten; **Ben Yahia, Sadok**; Si-Said Cherfi, Samira Research Challenges in Information Science : 14th International Conference, RCIS 2020, Limassol, Cyprus, September 23-25, 2020 : Proceedings 2020 / p. 556-561 https://doi.org/10.1007/978-3-030-50316-1_38 Conference proceedings at Scopus Article at Scopus Article at WOS

Catalytic effect of oil shale ash on CO2 gasification of leached wheat straw and reed chars
Link, Siim; Tran, Khanh-Quang; Bach, Quang-Vu; Yrjas, Patrik; **Rosin, Argo** Energy 2018 / p. 906-913 https://doi.org/10.1016/j.energy.2018.04.013 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparative assessment of heat recovery from treated wastewater in the district heating systems of the three capitals of the Baltic countries
Ziemele, Jelena; **Volkova, Anna**; **Latõšov, Eduard**; Murauskaite, Lina; Džiuve, Vytautas Energy 2023 / art. 128132 https://doi.org/10.1016/j.energy.2023.128132 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A comprehensive instrument for identifying critical information infrastructure services
Herrera, Luis-Carlos; **Maennel, Olaf Manuel** International Journal of Critical Infrastructure Protection 2019 / p. 50-61 : ill https://doi.org/10.1016/j.ijcip.2019.02.001 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Confined vortex rings
Danaila, Ionut; **Kaplanski, Felix**; Sazhin, Sergei Vortex Ring Models 2021 / p. 103 - 119 https://doi.org/10.1007/978-3-030-68150-0_5

Article collection metrics at Scopus Article at Scopus

Control of a three-input DC-DC converter suitable for DC motors
Alizadeh Asl, Amin; Hosseini, Seyed Hossein; **Vosoughi Kurdkandi, Naser**; Alizadeh Asl, Ramin International transactions on electrical energy systems 2022 / art. 4264649, 20 p. : ill https://doi.org/10.1155/2022/4264649 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Converting Tallinn's historic centre's (Old Town) heating system to a district heating system
Volkova, Anna; **Krupenski, Igor**; **Kovtunova, Natalja**; **Hlebnikov, Aleksandr**; **Mašatin, Vladislav**; Ledvanov, Aleksandr Energy 2023 / art. 127429 https://doi.org/10.1016/j.energy.2023.127429 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cost-benefit analysis of nZEB energy efficiency strategies with on-site photovoltaic generation
Pikas, Ergo; **Kurnitski, Jarek**; **Thalfeldt, Martin**; Koskela, Lauri Energy 2017 / p. 291-301 : ill https://doi.org/10.1016/j.energy.2017.03.158 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Artile at WOS

Creation of smart-contracting collaborations for decentralized autonomous organizations
Norta, Alexander Perspectives in business informatics research : 14th International Conference, BIR 2015, Tartu, Estonia, August 26-28, 2015 : proceedings 2015 / p. 3-17 https://doi.org/10.1007/978-3-319-21915-8_1 Conference proceedings at Scopus Article at Scopus

Design of fuzzy rule-based classifiers through granulation and consolidation
Riid, Andri; **Preden, Jürgo-Sören** Journal of artificial intelligence and soft computing research 2017 / p. 137-147 : ill https://doi.org/10.1515/jaiscr-2017-0010 Journal metricsc at Scopus Article at Scopus

Development of a wireless communication network for monitoring and controlling of autonomous robots
Vu, Trieu Minh; **Tamre, Mart**; Musalimov, Victor; Kovalenko, Pavel; Monahov, Juri International journal of robotics and automation 2018 / 16 p https://doi.org/10.2316/Journal.206.2018.3.206-4759 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Direct aqueous carbonation on olivine at a CO2 partial pressure of 6.5 MPa
Li, Jiajie; Jacobs, Anthony D.; **Hitch, Michael William** Energy 2019 / p. 902-910 : ill https://doi.org/10.1016/j.energy.2019.02.125 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Discontinuity-driven mesh alignment for evolving discontinuities in elastic solids
Berezovski, Mihhail; **Berezovski, Arkadi** Journal of computational physics 2020 / art. 109542, 21 p https://doi.org/10.1016/j.jcp.2020.109542 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Dispersive waves in microstructured solids
Berezovski, Arkadi; **Engelbrecht, Jüri**; **Salupere, Andrus**; **Tamm, Kert**; **Peets, Tanel**; **Berezovski, Mihhail** International journal of solids and structures 2013 / p. 1981-1990 : ill https://doi.org/10.1016/j.ijsolstr.2013.02.018 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A dynamic lighting system for workplaces deficient of daylight
Koppel, Tarmo; **Tint, Piia** Environmental health risk VII 2013 / p. 105-116 : ill https://doi.org/10.2495/EHR130101 Conference Proceedings at Scopus Article at Scopus

Electrochemical analysis of friction welded 17-4 PH stainless steel components manufactured by selective laser melting
Dinesh, Lanka; Nitheesh Kumar, R.; **Prashanth, Konda Gokuldoss**; Sivaprasad, K. International journal on interactive design and manufacturing 2023 / 8 p. : ill https://doi.org/10.1007/s12008-023-01659-0 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Electromechanical coupling of waves in nerve fibres
Engelbrecht, Jüri; **Peets, Tanel**; **Tamm, Kert** Biomechanics and modeling in mechanobiology 2018 / p. 1771–1783 : ill https://doi.org/10.1007/s10237-018-1055-2 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Elliptic boundary value problems with Gaussian white noise loads
Lasanen, Sari; **Roininen, Lassi**; Huttunen, Janne M.J. Stochastic processes and their applications 2018 / 21 p. https://doi.org/10.1016/j.spa.2017.11.007 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Energy cascade connection of a low-temperature district heating network to the return line of a high-temperature district heating network
Volkova, Anna; **Krupenski, Igor**; Ledvanov, Aleksandr; Hlebnikov, Aleksandr; **Lepiksaar, Kertu**; **Latõšov, Eduard**; **Mašatin, Vladislav** Energy 2020 / art. 117304, 15 p. : ill https://doi.org/10.1016/j.energy.2020.117304 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Enhancing D-bar reconstructions for electrical impedance tomography with conformal maps
Hyvönen, Nuutti; **Päivärinta, Lassi Juhani**; Tamminen, Janne Pertti Olavi Inverse problems & imaging 2018 / p. 373-400 : ill https://doi.org/10.3934/ipi.2018017 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Environmentally adaptive fish or no-fish classification for river video fish counters using high-performance desktop and embedded hardware
Soom, Jürgen; **Pattanaik, Vishwajeet**; **Leier, Mairo**; **Tuhtan, Jeffrey Andrew** Ecological Informatics 2022 / art. 101817, 14 p. : ill https://doi.org/10.1016/j.ecoinf.2022.101817 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Extending the "Smart City" concept to small-to-medium sized Estonian municipalities: initiatives and challenges faced
Fröhlich, K. A.; **Soe, Ralf-Martin**; Maoneke, P.B.; Jain, K.; Pinomaa, A.; Nieminen, M. Information Systems : 19th European, Mediterranean, and Middle Eastern Conference, EMCIS 2022, Virtual Event, December 21–22, 2022 : proceedings 2023 / p. 264–276 https://doi.org/10.1007/978-3-031-30694-5_20 Conference proceedings at Scopus Article at Scopus

Extra cost analyses of two apartment buildings for achieving nearly zero and low energy buildings
Pikas, Ergo; **Thalfeldt, Martin**; **Kurnitski, Jarek**; **Liias, Roode** Energy 2015 / p. 623-633 : ill https://doi.org/10.1016/j.energy.2015.03.026 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Finite element modelling for the optimization of microheating in disposable molecular diagnostics
Pardy, Tamas; **Rang, Toomas**; Tulp, Indrek International journal of computational methods and experimental measurements 2017 / p. 13-22 : ill https://doi.org/10.2495/CMEM-V5-N1-13-22 Journal metrics at Scopus Article at Scopus

Flow velocity estimation using a fish-shaped lateral line probe with product-moment correlation features and a neural network
Tuhtan, Jeffrey Andrew; **Fuentes-Pérez, Juan Francisco**; **Toming, Gert**; **Kruusmaa, Maarja** Flow measurement and instrumentation 2017 / p. 1-8 : ill https://doi.org/10.1016/j.flowmeasinst.2016.10.017 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Formation number of vortex rings
Danaila, Ionut; **Kaplanski, Felix**; Sazhin, Sergei Vortex Ring Models 2021 / p. 121-139 https://doi.org/10.1007/978-3-030-68150-0_6 Article collection metrics at Scopus Article at Scopus

A framework for comprehensive impact assessment in the case of an extreme winter scenario, considering integrative aspects of systemic vulnerability and resilience
Molarius, Riitta; Tuomaala, Pekka; Piira, Kalevi; Räikkönen, Minna; Aubrecht, Christoph; Polese, Maria; Zuccaro, Giulio; Pilli-Sihvola, Karoliina; **Rannat, Kalev** CMES - Computer Modeling in Engineering and Sciences 2015 / p. 131 - 158 https://www.techscience.com/CMES/v109-110n2/27295 https://doi.org/10.3970/cmes.2015.109.131 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

General control modulo and Tauberian remainder theorems for (C, 1) summability
Meronen, Olga; **Tammeraid, Ivar** Mathematical modelling and analysis 2013 / p. 97-102 https://doi.org/10.3846/13926292.2013.758674 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Genome-scale metabolic modeling reveals metabolic trade-offs associated with lipid production in Rhodotorula toruloides
Reķena, Alina; Pinheiro, Marina J.; **Bonturi, Nemailla**; **Belouah, Isma**; Tammekivi, Eliise; Herodes, Koit; Kerkhoven, Eduard J.; **Lahtvee, Petri-Jaan** PLoS computational biology 2023 / art. e1011009 https://doi.org/10.1371/journal.pcbi.1011009 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Guest editorial : implementation issues in system-on-chip
Ellervee, Peeter; Nurmi, Jari Journal of signal processing systems 2017 / p. 269-270 https://doi.org/10.1007/s11265-017-1242-x Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Harnessing cloud scalability to hadoop clusters
Koschel, Arne; Heine, Felix; **Astrova, Irina** Information Systems 15th European, Mediterranean, and Middle Eastern Conference, EMCIS 2018 : Limassol, Cyprus, October 4–5, 2018 : proceedings 2019 / p. 59-71 https://doi.org/10.1007/978-3-030-11395-7_6 Conference proceeding at Scopus Article at Scopus

Harnessing HARQ retransmissions for fast average consensus over unreliable communication channels
Makridis, Evagoras; **Charalambous, Themistoklis**; Hadjicostis, Christoforos N. 62nd IEEE Conference on Decision and Control, CDC 2023, Singapore, 13-15 December 2023 2023 / p. 5437-5443 : ill https://doi.org/10.1109/CDC49753.2023.10383677 Conference

proceeding at Scopus Article at Scopus Article at WOS

Has the pandemic changed the relationships between fintechs and banks?
Bedowska-Sojka, Barbara; Kliber, Agata; **Laidroo, Laivi** Operations research and decisions 2023 / p. 15-33
https://doi.org/10.37190/ord230402 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

High-level axioms for graphical linear algebra
Paixao, Joao; Rufino, Lucas; **Sobocinski, Pawel Maria** Science of computer programming 2022 / art. 102791 ; 26 p
https://doi.org/10.1016/j.scico.2022.102791 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

High-strength fuel pellets made of flour milling and coal slack wastes
Tabakaev, Roman; Kahn, Victor; Dubinina, Yury; **Preis, Sergei** Energy 2022 / art. 123071 https://doi.org/10.1016/j.energy.2021.123071 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Impact pressure on mechanical properties of aluminum based composite by ECAP-parallel channel
Pramano, Agus; Dhoska, Klodian; Markja, Irida; **Kommel, Lembit** Pollack periodica 2019 / p. 67–74
https://doi.org/10.1556/606.2019.14.1.7 Journal metrics at Scopus Article at Scopus

Improving healthcare processes with smart contracts
Kormiltsõn, Aleksandr; **Udokwu, Chibuzor**; Karu, Kalev; **Thangalimodzi, Kondwani**; **Norta, Alexander** Business Information Systems : 22nd International Conference, BIS 2019, Seville, Spain, June 26–28, 2019 : proceedings. Part I 2019 / p. 500-513
https://doi.org/10.1007/978-3-030-20485-3_39 Conference proceeding at Scopus Article at Scopus Article at WOS

Integrating gene and protein expression data with genome-scale metabolic networks to infer functional pathways
Pey, Jon; **Valgepea, Kaspar**; Rubio, Angel; Beasley, John E; Planes, Francisco Javier BMC Systems Biology 2013 / art. 134
https://doi.org/10.1186/1752-0509-7-134 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Integration of blockchain technology into a land registration system for immutable traceability : a casestudy of Georgia
Lazuashvili, Nino; **Norta, Alexander**; **Draheim, Dirk** Business Process Management : Blockchain and Central and Eastern Europe Forum :BPM 2019 Blockchain and CEE Forum : Vienna, Austria, September 1–6, 2019 : proceedings 2019 / p. 219-233
https://doi.org/10.1007/978-3-030-30429-4_15 Article collection metrics at Scopus Article at Scopus Article at WOS

Interaction of bursts in exponentially graded materials characterized by parametric plots
Ravasoo, Arvi Wave motion 2014 / p. 758-767 : ill https://doi.org/10.1016/j.wavemoti.2014.01.006 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Internal scales and dispersive properties of microstructured materials
Peets, Tanel Mathematics and computers in simulation 2016 / p. 220-228 : ill https://doi.org/10.1016/j.matcom.2014.03.006 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Intrinsic conditions for extended observer forms for nonlinear systems
Simha, Ashutosh; Respondek, Witold; **Kaldmäe, Arvo**; **Kaparin, Vadim**; **Kotta, Ülle** 2018 IEEE Conference on Decision and Control (CDC), 17-19 Dec. 2018, 17-19 Dec. 2018 : proceedings 2018 / p. 1373-1378 https://doi.org/10.1109/CDC.2018.8619122 Conference Proceedings at Scopus Article at Scopus Article at WOS

Inverse problems for a generalized subdiffusion equation with final overdetermination
Kinash, Nataliia; **Janno, Jaan** Mathematical modelling and analysis 2019 / p. 236–262 https://doi.org/10.3846/mma.2019.016 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

IOCBIO Kinetics : an open-source software solution for analysis of data traces
Vendelin, Marko; **Laasmaa, Martin**; **Kalda, Mari**; **Branovets, Jelena**; **Karro, Niina**; **Barsunova, Karina**; **Birkedal Nielsen, Rikke** PLoS computational biology 2020 / art. e1008475 https://doi.org/10.1371/journal.pcbi.1008475 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The level of financial literacy among the high school students in the chosen regions of the Czech Republic
Pasekova, Marie; Redinova, Hana; **Kallaste, Kaidi** International journal of mathematical models and methods in applied sciences 2013 / p. 462-469 : ill https://publikace.k.utb.cz/handle/10563/1003254 Journal metrics at Scopus Article at Scopus

Low-temperature waste heat enabling abandoning coal in Espoo district heating system
Hiltunen, Pauli; **Syri, Sanna** Energy 2021 / art. 120916, 11 p. : ill https://doi.org/10.1016/j.energy.2021.120916 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Malicious accounts detection from online social networks : a systematic review of literature
Ben Sassi, Imen; **Ben Yahia, Sadok** International Journal of General Systems 2021 / p. 741−814
https://doi.org/10.1080/03081079.2021.1976773 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Mapping the types of modularity in open-source hardware
Gavras, Kosmas; **Kostakis, Vasileios** Design Science 2021 / e13 https://doi.org/10.1017/dsj.2021.11 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Mathematical model of echolocation of fish-catching bats
Stulov, Anatoli Wave motion 2013 / p. 579-585 : ill https://doi.org/10.1016/j.wavemoti.2012.12.003 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Mechanical waves in myelinated axons
Tamm, Kert; **Peets, Tanel**; **Engelbrecht, Jüri** Biomechanics and modeling in mechanobiology 2022 / p. 1285-1297 https://doi.org/10.1007/s10237-022-01591-4 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Mechanisms controlling fracture toughness of additively manufactured stainless steel 316L
Kumar, Deepak; Jhavar, Suyog; Arya, Abhinav; **Prashanth, Konda Gokuldoss**; Suwas, Satyam International journal of fracture 2022 / p. 61-78 https://doi.org/10.1007/s10704-021-00574-3 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A method for assessment of the general circulation model quality using the K-means clustering algorithm : a case study with GETM v2.5
Raudsepp, Urmas; **Maljutenko, Ilja** Geoscientific model development 2022 / p. 535-551 https://doi.org/10.5194/gmd-15-535-2022 Journal metrics at Scopus Article at Scopus Journal methods at WOS Article at WOS

Method for evaluating information security level in organisations
Seeba, Mari; **Mäses, Sten**; Matulevičius, Raimundas Research Challenges in Information Science : 16th International Conference, RCIS 2022 : Barcelona, Spain, May 17–20, 2022 : proceedings 2022 / p. 644-652 : ill https://doi.org/10.1007/978-3-031-05760-1_39 Conference Proceedings at Scopus Article at Scopus Article at WOS

Method of linear approximation of COP for heat pumps and chillers based on thermodynamic modelling and off-design operation
Pieper, Henrik; **Krupenski, Igor**; Markussen, Wiebke Brix; Ommen, Torben; **Siirde, Andres**; **Volkova, Anna** Energy 2021 / art. 120743 : ill https://doi.org/10.1016/j.energy.2021.120743 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Methodology for evaluating the transition process dynamics towards 4th generation district heating systems
Volkova, Anna; **Mašatin, Vladislav**; **Siirde, Andres** Energy 2018 / p. 253-261 : ill https://doi.org/10.1016/j.energy.2018.02.123 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Methods and tools for healthcare data anonymization : a literature review
Vovk, Olga; **Piho, Gunnar**; **Ross, Peeter** International Journal of General Systems 2023 / p. 326-342 : ill https://doi.org/10.1080/03081079.2023.2173749 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Modeling of the human lower-limb motion, design and control of knee joint orthosis
Musalimov, Victor; Monahov, Yury; **Tamre, Mart**; Rõbak, Dmitri; **Sivitski, Alina**; Aryassov, Gennady; **Penkov, Igor** International review on modelling and simulations (IREMOS) 2017 / p. 371-376 https://doi.org/10.15866/iremos.v10i5.11853 Journal metrics at Scopus Article at Scopus

Modelling and simulation of human lower-limb motion
Žigailov, Sergei; Musalimov, Victor; **Arjassov, Gennadi**; **Penkov, Igor** International review on modelling and simulations (IREMOS) 2016 / p. 114-123 : ill https://doi.org/10.15866/iremos.v9i2.8358 Journal metrics at Scopus Article at Scopus Article at WOS

Modelling of processes in nerve fibres at the interface of physiology and mathematics
Engelbrecht, Jüri; **Tamm, Kert**; **Peets, Tanel** Biomechanics and modeling in mechanobiology 2020 / p. 2491−2496 https://doi.org/10.1007/s10237-020-01350-3 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Multi-source district heating system full decarbonization strategies: Technical, economic, and environmental assessment
Pakere, Ieva; Feofilovs, Maksims; **Lepiksaar, Kertu**; Vītoliņš, Valdis; Blumberga, Dagnija Energy 2023 / art. 129296 https://doi.org/10.1016/j.energy.2023.129296 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Negative group velocity in solids
Tamm, Kert; **Peets, Tanel**; **Engelbrecht, Jüri**; **Kartofelev, Dmitri** Wave motion 2017 / p. 127-138 : ill https://doi.org/10.1016/j.wavemoti.2016.04.010 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Nemo-Nordic 2.0 : operational marine forecast model for the Baltic Sea
Kärnä, Tuomas; Ljungemyr, Patrik; Falahat, Saeed; Ringgaard, Ida; Axell, Lars; Korabel, Vasily; Murawski, Jens; **Maljutenko, Ilja**; Lindenthal, Anja; Jandt-Scheelke, Simon; **Verjovkina, Svetlana**; Lorkowski, Ina; **Lagemaa, Priidik**; She, Jun; Tuomi, Laura; Nord, Adam; Huess, Vibeke Geoscientific Model Development 2021 / p. 5731 - 5749 https://doi.org/10.5194/gmd-14-5731-2021 Journal

metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Nonlinear wave dynamics in self-consistent water channels
Pelinovsky, Efim; **Didenkulova, Ira**; Shurgalina, Ekaterina; Aseeva, Nataly Journal of physics A: mathematical and theoretical 2017 / art. 505501, 16 p. : ill https://doi.org/10.1088/1751-8121/aa923e Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Nonlinear wave propagation and reflection - comparing the numerics with the analytics
Braunbrück, Andres; **Ravasoo, Arvi** Wave motion 2016 / p. 108-120 : ill https://doi.org/10.1016/j.wavemoti.2015.08.006 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A note on observability of nonlinear discrete-time systems
Kaldmäe, Arvo; **Kotta, Ülle** 2023 62nd IEEE Conference on Decision and Control (CDC), Singapore, 13-15 December 2023 2023 / p. 7483-7488 https://doi.org/10.1109/CDC49753.2023.10383709 Conference proceedings at Scopus Article at Scopus Article at WOS

Numerical method for stability analysis of functionally graded beams on elastic foundatio
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 simulation of ultrasonic time reversal on defects in carbon fibre reinforced polymer
Lints, Martin; **Salupere, Andrus**; Dos Santos, Serge Wave motion 2020 / art. 102526, 10 p. : ill https://doi.org/10.1016/j.wavemoti.2020.102526 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Oil prices, unemployment and the financial crisis in oil-importing countries : The case of Spain
Ordonez, Javier; Monfort, Mercedes; Cuestas, Juan Carlos Energy 2019 / p. 625-634 https://doi.org/10.1016/j.energy.2019.05.209 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

On hidden solitons in KdV related systems
Salupere, Andrus Mathematics and computers in simulation 2016 / p. 252-262 : ill https://doi.org/10.1016/j.matcom.2014.04.012 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

On integrability of observable space for discrete-time analytic systems
Kawano, Yu; **Kotta, Ülle** 2015 54th IEEE Conference on Decision and Control (CDC) : date: 15-18 Dec. 2015 2015 / p. 7137 - 7142 https://doi.org/10.1109/CDC.2015.7403345 Conference Proceedings at Scopus Article at Scopus

On mathematical modelling of solitary pulses in cylindrical biomembranes
Engelbrecht, Jüri; **Tamm, Kert**; **Peets, Tanel** Biomechanics and modeling in mechanobiology 2015 / p. 159-167 : ill https://doi.org/10.1007/s10237-014-0596-2 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

On shallow water rogue wave formation in strongly inhomogeneous channels
Didenkulova, Irina; Pelinovsky, Efim Journal of physics A : mathematical and theoretical 2016 / art. 194001, p. 1-11 : ill https://doi.org/10.1088/1751-8113/49/19/194001 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

On solitonic solutions for the hyperelastic rod equation
Salupere, Andrus; **Rätsep, Margus** Wave motion 2019 / 8 p https://doi.org/10.1016/j.wavemoti.2019.102404 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

On solutions of a Boussinesq-type equation with displacement-dependent nonlinearity: A soliton doublet to the memory of Alexander Samsonov
Peets, Tanel; **Tamm, Kert**; **Simson, Päivo**; **Engelbrecht, Jüri** Wave motion 2019 / p. 10-17 https://doi.org/10.1016/j.wavemoti.2018.11.001 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

On the influence of material properties on the wave propagation in Mindlin-type microstructured solids
Salupere, Andrus; **Tamm, Kert** Wave motion 2013 / p. 1127-1139 : ill https://doi.org/10.1016/j.wavemoti.2013.05.004 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

On the role of nonlinearities in the Boussinesq-type wave equations
Peets, Tanel; **Tamm, Kert**; **Engelbrecht, Jüri** Wave motion 2017 / p. 113-119 : ill https://doi.org/10.1016/j.wavemoti.2016.04.003 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An open 3D CFD model for the investigation of flow environments experienced by freshwater fish
Khan, Ali Hassan; Hussmann, Karla Ruiz; Powalla, Dennis; Hoerner, Stefan; **Kruusmaa, Maarja**; **Tuhtan, Jeffrey Andrew** Ecological Informatics 2022 / art. 101652, 12 p. : ill https://doi.org/10.1016/j.ecoinf.2022.101652 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Operation of district heat network in electricity and balancing markets with the power-to-heat sector coupling
Javanshir, Nima; Syri, Sanna; Tervo, Seela; **Rosin, Argo** Energy 2023 / art. 126423 https://doi.org/10.1016/j.energy.2022.126423 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Optimal sliding window selection in non-overlapping backoff algorithm for IEEE 802.15.6 WBAN
Saboor, Abdul; Ahmad, Rizwan; Ahmed, Waqas; **Alam, Muhammad Mahtab**; Radwan, Ayman IEEE communications letters 2024 / p. 1467-1471 https://doi.org/10.1109/LCOMM.2024.3384755 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Optimization of renewable energy for buildings with energy storages and 15-minute power balance
Savolainen, Rebecka; Lahdelma, Risto Energy 2022 / art. 123046 https://doi.org/10.1016/j.energy.2021.123046 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Parameter estimation of PEM fuel cells employing the hybrid grey wolf optimization method
Miao, Di; Chen, Wei; Zhao, Wei; **Demsas, Tekle** Energy 2020 / Art. 116616 https://doi.org/10.1016/j.energy.2019.116616 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Penalized least-squares method for LQR problem of singular systems
Nosrati, Komeil; **Belikov, Juri**; **Tepljakov, Aleksei**; **Petlenkov, Eduard** 62nd IEEE Conference on Decision and Control, CDC 2023, Singapore, 13-15 December 2023 2023 / p. 1251-1256 https://doi.org/10.1109/CDC49753.2023.10383412 Conference proceeding at Scopus Article at Scopus Article at WOS

Preface
Danaila, Ionut; **Kaplanski, Felix**; Sazhin, Sergei Vortex Ring Models 2021 / p. vii https://link.springer.com/content/pdf/bfm:978-3-030-68150-0/1?pdf=chapter%20toc Aricle collection metrics at Scopus Article at Scopus

Preface
Jallouli, Rim; Tobji, Mohamed Anis Bach; Mcheick, Hamid; **Piho, Gunnar** Digital Economy. Emerging Technologies and Business Innovation : 6th International Conference on Digital Economy, ICDEc 2021, Tallinn, Estonia, July 15–17, 2021 : proceedings 2021 / p. v–vi https://link.springer.com/content/pdf/bfm:978-3-030-92909-1/1 Collection metrics at Scopus Article at Scopus

Preface of the special issue on advances in data-driven engineering
Ben Yahia, Sadok; Attiogbé, Christian International Journal of General Systems 2023 / p. 203-205 https://doi.org/10.1080/03081079.2023.2204251 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Premature failure of an additively manufactured material
Wang, Zhi; Xie, Meishen; Li, Yuanyuan; Zhang, Weiwen; Yang, Chao; **Kollo, Lauri**; Eckert, Jürgen; **Prashanth, Konda Gokuldoss** Npg Asia materials 2020 / art. 30, 10 p. : ill https://doi.org/10.1038/s41427-020-0212-0 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

A public, blockchain-based distributed smart-contract platform enabling mobile lite wallets using a proof-of-stake consensus algorithm
Norta, Alexander; Dai, Patrick; Mahi, Neil; Earls, Jordan Business Information Systems Workshops : BIS 2018 : International Workshops, Berlin, Germany, July 18–20, 2018 : Revised Papers 2019 / p. 368-380 https://doi.org/10.1007/978-3-030-04849-5_33 Conference proceeding at Scopus Article at Scopus Article at WOS

Random walks of oriented particles on fractals
Haber, René; Prehl, Janett; Hoffmann, Karl Heinz; **Herrmann, Heiko** Journal of physics A : mathematical and theoretical 2014 / p. 1-14 : ill https://doi.org/10.1088/1751-8113/47/15/155001 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Realisation of energy performance targets of an old apartment building renovated to nZEB
Hamburg, Anti; **Kuusk, Kalle**; **Mikola, Alo**; **Kalamees, Targo** Energy 2020 / art. 116874, 10 p. : ill https://doi.org/10.1016/j.energy.2019.116874 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Reconstruction of an orthotropic thermal conductivity from non-local heat flux measurements
Huntul, M.J.; Hussein, M.S.; Lesnic, D.; Ivanchov, M.I.; **Kinash, Nataliia** International journal of Mathematical modelling and numerical optimisation 2020 / p. 102-122 https://doi.org/10.1504/IJMMNO.2020.104327 Journal metrics at Scopus Article at Scopus

Reconstruction of coefficients of higher order nonlinear wave equations by measuring solitary waves
Janno, Jaan; **Šeletski, Anna** Wave motion 2015 / p. 15-25 : ill https://doi.org/10.1016/j.wavemoti.2014.08.005 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Reducibility condition for nonlinear discrete-time systems : behavioral approach
Bartosiewicz, Zbigniew; **Kotta, Ülle**; Pawłuszewicz, Ewa; **Tõnso, Maris**; Wyrwas, Małgorzata Control and Cybernetics 2013 / p. 329-346 https://citeseerx.ist.psu.edu/document?repid=rep1&type=pdf&doi=d858f3fd9c2acd98e41f35a0bed4c0cb9efab59c Journal metrics at Scopus Article at Scopus

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

A review on energy piles design, sizing and modelling
Fadejev, Jevgeni; **Simson, Raimo**; **Kurnitski, Jarek**; Haghighat, Fariborz Energy 2017 / p. 390-407 : ill https://doi.org/10.1016/j.energy.2017.01.097 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A review on reallltime simulation and analysis methods of microgrids
Ahmadiahangar, Roya; **Rosin, Argo**; Nabavi Niaki, Ali; **Palu, Ivo**; **Korõtko, Tarmo** International transactions on electrical energy systems 2019 / art. e12106, 16 p. : ill https://doi.org/10.1002/2050-7038.12106 Journal metrics at Scopus Article at Scopus Journal metrics at WOS 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

Scalable and imbalance-resistant machine learning models for anti-money laundering : a two-layered approach
Tertychnyi, Pavlo; Slobozhan, Ivan; **Ollikainen, Madis**; Dumas, Marlon Enterprise Applications, Markets and Services in the Finance Industry : 10th International Workshop, FinanceCom 2020, Helsinki, Finland, August 18, 2020, Revised Selected Papers 2020 / p. 43-58 https://doi.org/10.1007/978-3-030-64466-6_3 Conference Proceedings at Scopus Article at Scopus

A scalable knowledge graph embedding model for next point-of-interest recommendation in Tallinn city
Ounoughi, Chahinez; Mouakher, Amira; **Sherzad, Muhammad Ibraheem**; **Ben Yahia, Sadok** Research Challenges in Information Science : 15th International Conference, RCIS 2021, Limassol, Cyprus, May 11–14, 2021 : proceedings 2021 / p. 435–451 https://doi.org/10.1007/978-3-030-75018-3_29 Conference Proceedings at Scopus Article at Scopus Article at WOS

Scalar mixtures in porous media
Kree, Mihkel; Villermaux, Emmanuel Physical review fluids 2017 / art. 104502, 12 p. : ill https://doi.org/10.1103/PhysRevFluids.2.104502 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Securing airline-turnaround processes using security risk-oriented patterns
Samarütel, Silver; Matulevičius, Raimundas; **Norta, Alexander**; **Nõukas, Rein** The Practice of Enterprise Modeling : 9th IFIP WG 8.1. Working Conference, PoEM 2016, Skövde, Sweden, November 8-10, 2016 : proceedings 2016 / p. 209-224 https://doi.org/10.1007/978-3-319-48393-1_15 Conference Proceedings at Scopus Article at Scopus Article at WOS

Selective performance of sol–gel synthesised titanium dioxide photocatalysts in aqueous oxidation of various-type organic pollutants
Klauson, Deniss; **Budarnaja, Olga**; **Stepanova, Kristina**; **Kritševskaja, Marina**; **Dedova, Tatjana**; **Käkinen, Aleksandr**; **Preis, Sergei** Kinetics and catalysis 2014 / p. 47-55 : ill https://doi.org/10.1134/S0023158414010030 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Self-reproduction and doubling time limits of different cellular subsystems
Abner, Kristo; **Šverns, Peter**; **Arold, Janar**; **Morell, Indrek**; **Lints, Taivo**; **Medri, Sander**; **Seiman, Andrus**; **Adamberg, Kaarel**; **Vilu, Raivo** npj systems biology and applications 2023 / art. 44, 10 p. : ill https://doi.org/10.1038/s41540-023-00306-4 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Short-term wind energy forecasting using deep learning-based predictive analytics
Shabbir, Noman; **Kütt, Lauri**; Jawad, Muhammad; **Husev, Oleksandr** CMC-Computers, Materials & Continua 2022 / p. 1017-1033 https://doi.org/10.32604/cmc.2022.024576 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Single slit diffraction : from optics to elasticity
Berezovski, Arkadi; **Engelbrecht, Jüri** Wave motion 2016 / p. 35-45 : ill https://doi.org/10.1016/j.wavemoti.2015.09.002 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Single-cell model of prokaryotic cell cycle
Abner, Kristo; **Aaviksaar, Tõnis**; **Adamberg, Kaarel**; **Vilu, Raivo** Journal of theoretical biology 2014 / p. 78-87 : ill https://doi.org/10.1016/j.jtbi.2013.09.035 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Small low-temperature district heating network development prospects
Volkova, Anna; **Krupenski, Igor**; Pieper, Henrik; Ledvanov, Aleksandr; **Latõšov, Eduard**; **Siirde, Andres** Energy 2019 / p. 714-722 https://doi.org/10.1016/j.energy.2019.04.083 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Smart contracts and void declarations of intent
Hoffmann, Thomas Advanced Information Systems Engineering Workshops : CAiSE 2019 International Workshops, Rome, Italy, June 3-7, 2019 : proceedings 2019 / p. 168-175 https://doi.org/10.1007/978-3-030-20948-3_15 Conference proceeding at Scopus Article at Scopus Article at WOS

Solitary waves for Non-Destructive Testing applications : delayed nonlinear time reversal signal processing optimization
Lints, Martin; Dos Santos, Serge; **Salupere, Andrus** Wave motion 2017 / p. 101-112 : ill https://doi.org/10.1016/j.wavemoti.2016.07.001 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Solution combustion synthesis of nanostructured molybdenum carbide
Kirakosyan, Hasmik; Nazaretyan, K.T.; Mnatsakanyan, R.A.; **Aydinyan, Sofiya**; Kharatyan, Suren Journal of nanoparticle research 2018 / art. 214, 11 p. : ill https://doi.org/10.1007/s11051-018-4312-5 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Solving nonlinear PDEs using the higher order Haar wavelet method on nonuniform and adaptive grids
Ratas, Mart; **Salupere, Andrus**; **Majak, Jüri** Mathematical modelling and analysis 2021 / p. 147−169 https://doi.org/10.3846/mma.2021.12920 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Span(Graph) : a canonical feedback algebra of open transition systems
Di Lavore, Elena; Gianola, Alessandro; **Roman Garcia, Mario**; Sabadini, Nicoletta; **Sobocinski, Pawel Maria** Software and systems modeling 2023 / p. 495-520 : ill https://doi.org/10.1007/s10270-023-01092-7 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Special issue on advanced modelling of wave propagation in solids
Engelbrecht, Jüri; Givoli, Dan; Hagstrom, Thomas; Maugin, Gerard Wave Motion 2013 https://doi.org/10.1016/j.wavemoti.2013.07.001 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Spectral asymmetry and Higuchi's fractal dimension measures of depression electroencephalogram
Bachmann, Maie; **Lass, Jaanus**; **Suhhova, Anna**; **Hinrikus, Hiie** Computational and Mathematical Methods in Medicine 2013 / art. 251638 https://doi.org/10.1155/2013/251638 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Stability and uniqueness for a two-dimensional inverse boundary value problem for less regular potentials
Blåsten, Eemeli; Imanuvilov, Oleg Yu; Yamamoto, Masahiro Inverse problems and imaging 2015 / p. 709-723 https://doi.org/10.3934/ipi.2015.9.709 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Steady inviscid vortex rings
Danaila, Ionut; **Kaplanski, Felix**; Sazhin, Sergei Vortex Ring Models 2021 / p. 17-49 https://doi.org/10.1007/978-3-030-68150-0_2 Article collection metrics at Scopus Article at Scopus

Structured development of implementations for divide-and-conquer specifications
Bortin, Maksym Science of computer programming 2024 / art. 103011, 15 p. : ill https://doi.org/10.1016/j.scico.2023.103011 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Summer thermal comfort : compliance assessment and overheating prevention in new apartment buildings in Estonia
Simson, Raimo; **Kurnitski, Jarek**; **Maivel, Mikk** Journal of building performance simulation 2017 / p. 378-391 : ill https://doi.org/10.1080/19401493.2016.1248488 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Systematic support for full knowledge management lifecycle by advanced semantic annotation across information system boundaries
Pattanaik, Vishwajeet; **Norta, Alexander**; Felderer, Michael; **Draheim, Dirk** Information Systems in the Big Data Era : CAiSE Forum 2018, Tallinn, Estonia, June 11-15, 2018 : proceedings 2018 / p. 66−73 https://doi.org/10.1007/978-3-319-92901-9_7 Conference proceedings at Scopus Article at Scopus Article at WOS

Zonal modeling of air distribution impact on the long-range airborne transmission risk of SARS-CoV-2
Aganovic, Amar; Cao, Guangyu; **Kurnitski, Jarek**; Melikov, Arsen Kriko; Wargocki, Pawel Applied mathematical modelling 2022 / p. 800-821 https://doi.org/10.1016/j.apm.2022.08.027 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Techno-economic analysis and energy forecasting study of domestic and commercial photovoltaic system installations in Estonia
Shabbir, Noman; **Kütt, Lauri**; **Raja, Hadi Ashraf**; Jawad, Muhammad; Allik, Alo; **Husev, Oleksandr** Energy 2022 / art. 124156 https://doi.org/10.1016/j.energy.2022.124156 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Template synthesis of titanium dioxide coatings and determination of their photocatalytic activity by aqueous oxidation of humic acid
Budarnaja, Olga; **Klauson, Deniss**; **Dedova, Tatjana**; **Kärber, Erki**; **Viljus, Mart**; **Preis, Sergei** Kinetics and catalysis 2014 / p. 688-694 : ill https://doi.org/10.1134/S0023158414050036 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Testing generic strong accessibility of nonlinear control systems via polynomial (quadratic) immersion
Carravetta, Francesco; Sarafrazi, Mohammad Amin; Bartosiewicz, Zbigniew; **Kotta, Ülle** 61st IEEE Conference on Decision and Control, CDC 2022, Cancun, 6 December - 9 December 2022, proceedings 2022 / p. 1841-1846 https://doi.org/10.1109/CDC51059.2022.9992952 Conference Proceedings at Scopus Article at Scopus Article at WOS

Testing the applicability of digital decision support on a nationwide EHR
Metsallik, Janek; **Ross, Peeter** Digital Economy. Emerging Technologies and Business Innovation : 6th International Conference on Digital Economy, ICDEc 2021, Tallinn, Estonia, July 15–17, 2021 : proceedings 2021 / p. 134−146 https://doi.org/10.1007/978-3-030-92909-1_9 Conference Proceedings at Scopus Article at Scopus

The Baltic Sea Model Intercomparison Project (BMIP) - a platform for model development, evaluation, and uncertainty assessment
Gröger, Matthias; Placke, Manja; Meier, H. E. Markus; Börgel, Florian; Brunnabend, Sandra-Esther; Dutheil, Cyril; Gräwe, Ulf; Hieronymus, Magnus; Neumann, Thomas; **Väli, Germo** Geoscientific model development 2022 / p. 8613-8638 https://doi.org/10.5194/gmd-15-8613-2022 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The most prominent software development concepts cited in IT professionals' blogs
Ojastu, Deniss; **Robal, Tarmo**; **Kalja, Ahto** Perspectives in business informatics research : 14th International Conference, BIR 2015, Tartu, Estonia, August 26-28, 2015 : proceedings 2015 / p. 197-212 https://doi.org/10.1007/978-3-319-21915-8_13 Conference proceedings at Scopus Article at Scopus

A theme section on the central role of modeling in designing and explaining data-driven systems and software
Attiogbe, Christian; **Ben Yahia, Sadok**; Bellatreche, Ladjel Software and Systems Modeling 2023 / p. 1945-1947 https://doi.org/10.1007/s10270-023-01133-1 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Three-dimensional CFD analysis of liquid slug acceleration and impact in a voided pipeline with end orifice
He, Junling; Hou, Qingzhi; Lian, Jijian; Tijsseling, Arris S.; Bozkus, Zafer; **Laanearu, Janek**; Lin, Lei Engineering Applications of Computational Fluid Mechanics 2022 / p. 1444-1463 https://doi.org/10.1080/19942060.2022.2095440 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Time-domain identification of one noninteger order plus time delay models from step response measurements
Alagoz, Baris Baykant; **Tepljakov, Aleksei**; Ates, Abdullah; **Petlenkov, Eduard**; Yeroglu, Celaleddin International journal of modeling, simulation, and scientific computing 2019 / art. 1941011, 22 p. : ill https://doi.org/10.1142/S1793962319410113 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Towards a Cross-Border Reference Architecture for the Once-Only Principle in Europe : An Enterprise Modelling Approach
Tepandi, Jaak; Grandry, Eric; Fieten, Sander; **Draheim, Dirk**; **Piho, Gunnar** The Practice of Enterprise Modeling : 12th IFIP Working Conference, PoEM 2019,Luxembourg, Luxembourg, November 27–29, 2019 : proceedings 2019 / p. 103-117 https://doi.org/10.1007/978-3-030-35151-9_7 Conference proceeding at Scopus Article at Scopus Article at WOS

Towards process-aware cross-organizational human resource management
Cabanillas, Christina; **Norta, Alexander** Enterprise, Business-Process and Information Systems Modeling : 15th International Conference, BPMDS 2014, 19th International Conference, EMMSAD 2014, Held at CAiSE 2014, Thessaloniki, Greece, June 16-17, 2014 : proceedings 2014 / p. 79-93 : ill https://doi.org/10.1007/978-3-662-43745-2_6 Conference proceedings at Scopus Article at Scopus

Towards self-development of evolutionary information systems : an action research of business architecture development by students in socially networked groups
Roost, Mart; **Taveter, Kuldar**; **Rava, Karin**; **Tepandi, Jaak**; **Piho, Gunnar**; **Kuusik, Rein, inform.**; **Õunapuu, Enn** Advanced Information Systems Engineering Workshops : CAiSE 2013 International Workshops, Valencia, Spain, June 17-21, 2013 : proceedings 2013 / p. 1-15 https://doi.org/10.1007/978-3-642-38490-5_1 Conference Proceedings at Scopus Article at Scopus

Transforming a set of nonlinear input-ouput equations into Popov form

Bartosiewicz, Zbigniew; **Kotta, Ülle**; Pawluszewicz, Ewa; **Tõnso, Maris**; Wyrwas, Małgorzata 2015 54th IEEE Conference on Decision and Control (CDC) : date: 15-18 Dec. 2015 2015 / p. 7131 - 7136 https://doi.org/10.1109/CDC.2015.7403344 Conference Proceedings at Scopus Article at Scopus Article at WOS

A two-layer elastic strip under transverse impact loading : analytical solution, finite element, and finite volume simulations
Adámek, V.; **Berezovski, Arkadi**; Mračko, Michal; Kolman, Radek Mathematics and computers in simulation 2021 / p. 126-140 https://doi.org/10.1016/j.matcom.2020.10.007 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Uniqueness for an inverse problem for a semilinear time-fractional diffusion equation
Janno, Jaan; **Kasemets, Kairi** Inverse problems and imaging 2017 / p. 125-149 https://doi.org/10.3934/ipi.2017007 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Wave propagation and dispersion in microstructured wool felt
Kartofelev, Dmitri; **Stulov, Anatoli** Wave motion 2015 / p. 23-33 : ill https://doi.org/10.1016/j.wavemoti.2015.03.002 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Wax actuator's empirical model development and application to underfloor heating control with varying complexity of controller modelling detail
Parts, Tuule Mall; **Ferrantelli, Andrea**; **Naar, Hendrik**; **Thalfeldt, Martin**; **Kurnitski, Jarek** Journal of building performance simulation 2023 / p. 772-796 https://doi.org/10.1080/19401493.2023.2201818 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Window model and 5 year price data sensitivity to cost-effective facade solutions for office buildings in Estonia
Thalfeldt, Martin; **Pikas, Ergo**; **Kurnitski, Jarek**; **Voll, Hendrik** Energy 2017 / p. 685-697 : ill https://doi.org/10.1016/j.energy.2017.06.160 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Viscous vortex rings
Danaila, Ionut; **Kaplanski, Felix**; Sazhin, Sergei Vortex Ring Models 2021 / p. 51-86 https://doi.org/10.1007/978-3-030-68150-0_3 Article collection metrics at Scopus Article at Scopus

Viscous vortex rings with elliptical cores
Danaila, Ionut; **Kaplanski, Felix**; Sazhin, Sergei Vortex Ring Models 2021 / p. 87 - 102 https://doi.org/10.1007/978-3-030-68150-0_4 Article collection metrics at Scopus Article at Scopus

The vortex ring problem
Danaila, Ionut; **Kaplanski, Felix**; Sazhin, Sergei Vortex Ring Models 2021 / p. 1-15 https://doi.org/10.1007/978-3-030-68150-0_1 Article collection metrics at Scopus Article at Scopus