Accessibility conditions of MIMO nonlinear control systems on homogeneous time scales
Bartosiewicz, Zbigniew; **Kotta, Ülle**; **Tõnso, Maris**; Wyrwas, Małgorzata Mathematical control and related fields 2016 / p. 217-250 https://doi.org/10.3934/mcrf.2016002 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Accurate sea surface heights from Sentinel-3A and Jason-3 retrackers by incorporating high-resolution marine geoid and hydrodynamic models
Mostafavi, Majid; **Delpeche-Ellmann, Nicole Camille**; **Ellmann, Artu** Journal of geodetic science 2021 / p. 58-74 https://doi.org/10.1515/jogs-2020-0120 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Advancing drug–target interaction prediction: a comprehensive graph-based approach integrating knowledge graph embedding and ProtBert pretraining
Djeddi, Warith Eddine; Hermi, Khalil; **Ben Yahia, Sadok**; Diallo, Gayo BMC Bioinformatics 2023 / art. 488, 41 p.: ill https://doi.org/10.1186/s12859-023-05593-6 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analysis of historical MERIS and MODIS data to evaluate the impact of dredging to monthly mean surface TSM concentration
Raag, Laura; **Uiboupin, Rivo**; **Sipelgas, Liis** Remote sensing of the ocean, sea ice, coastal wates, and large water regions 2013 : 24 September 2013, Dresden, Germany 2013 / art. 88880B https://doi.org/10.1117/12.2032327 Conference Proceedings at Scopus Article at Scopus Article at WOS

Analysis of large deflections of a curved cantilever subjected to a tip-concentrated follower force
Shvartsman, Boris International journal of non-linear mechanics 2013 / p. 75-80 : ill https://doi.org/10.1016/j.ijnonlinmec.2012.10.015 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Applications of airborne laser scanning for determining marine geoid and surface waves properties
Varbla, Sander; **Ellmann, Artu**; **Delpeche-Ellmann, Nicole Camille** European journal of remote sensing 2021 / p. 558−568 https://doi.org/10.1080/22797254.2021.1981156 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

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

Assertion and denial : a contribution from logical notations
Pietarinen, Ahti-Veikko; **Bellucci, Francesco** Journal of applied logic 2017 / p. 1-22 : ill https://doi.org/10.1016/j.jal.2017.01.001 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Beta assertive graphs : proofs of assertions with quantification
Bellucci, Francesco; **Chiffi, Daniele**; **Pietarinen, Ahti-Veikko** Journal of applied logics : IfCoLog journal of logics and their applications 2021 / 23 p. : ill https://www.collegepublications.co.uk/downloads/ifcolog00044.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The borderlines of invisibility and visibility in Calderón's inverse problem
Astala, Kari; Lassas, Matti; **Päivärinta, Lassi** Analysis and PDE 2016 / p. 43 - 98 https://doi.org/10.2140/apde.2016.9.43 Journal metrics at Scopus Article at Scopus 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

A combined method for error and complexity reduction in fuzzy rule-based classification
Riid, Andri; **Preden, Jürgo-Sören** IEEE International Conference on Fuzzy Systems : August 2-5, 2015, Istanbul, Turkey 2015 / [6] p. : ill https://doi.org/10.1109/FUZZ-IEEE.2015.7337806 Conference proceedings at Scopus Article at Scopus Article at WOS

A comparative study of approaches of ontology driven software development
Haav, Hele-Mai Informatica 2018 / p. 439–466 : ill https://doi.org/10.15388/Informatica.2018.175 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A compendium of Lie structures on tensor products
Zusmanovich, Pasha Journal of mathematical sciences 2014 / p. 266-288 https://doi.org/10.1007/s10958-014-1855-6 Journal metrics

at Scopus Article at Scopus

Cones with convoluted geometry that always scatter or radiate
Blåsten, Emilia L.K.; Pohjola, Valter Inverse Problems 2022 / Art. 125001 https://doi.org/10.1088/1361-6420/ac963c 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

Correction to: Advancing drug–target interaction prediction: a comprehensive graph-based approach integrating knowledge graph embedding and ProtBert pretraining (BMC Bioinformatics, (2023), 24, 1, (488), 10.1186/s12859-023-05593-6)
Djeddi, Warith Eddine; Hermi, Khalil; **Ben Yahia, Sadok**; Diallo, Gayo BMC Bioinformatics 2024 / art. 289 https://doi.org/10.1186/s12859-024-05905-4 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Correction to: Implementation and evaluation of the DAOM framework and support tool for designing blockchain decentralized applications (International Journal of Information Technology, (2021), 13, 6, (2245-2263), 10.1007/s41870-021-00816-6)
Udokwu, Chibuzor; Brandtner, Patrick; **Norta, Alexander**; **Kormiltsõn, Aleksandr**; Matulevičius, Raimundas International Journal of Information Technology (Singapore) 2022 https://doi.org/10.1007/s41870-022-01026-4 Journal metrics at Scopus Article at Scopus

Current sensorless control for half-bridge based AC/DC PFC converter with consideration of conduction losses
Suzdalenko, Alexander; **Chub, Andrii** International journal of circuit theory and applications 2016 / p. 2072-2084 : ill https://doi.org/10.1002/cta.2212 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Dependence of multifractal analysis parameters on the darkness of a processed image
Martsepp, Merike; Laas, Tõnu; Laas, Katrin; **Priimets, Jaanis**; Tõkke, Siim; **Mikli, Valdek** Chaos, Solitons & Fractals 2022 / art. 111811 https://doi.org/10.1016/j.chaos.2022.111811 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Determination of heat transfer coefficient of finned housing of a TEFC variable speed motor
Shams Ghahfarokhi, Payam; **Kallaste, Ants**; Podgornovs, Andrejs; **Belahcen, Anouar**; **Vaimann, Toomas**; **Asad, Bilal** Electrical Engineering 2021 / p. 1009–1017 : ill https://doi.org/10.1007/s00202-020-01132-1 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Determination of time-dependent sources and parameters of nonlocal diffusion and wave equations from final data
Janno, Jaan Fractional calculus and applied analysis 2020 / p. 1678–1701 https://doi.org/10.1515/fca-2020-0083 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Determining sea surface heights using small footprint airborne laser scanning
Gruno, Anti; Liibusk, Aive; **Ellmann, Artu** Remote Sensing of the Ocean, Sea Ice, Coastal Waters, and Large Water Regions 2013 : 24 September 2013, Dresden, Germany 2013 / p. 88880R-1-88880R-13 : ill https://doi.org/10.1117/12.2029189 Conference Proceedings at Scopus Article at Scopus Article at WOS

Development and study of ZnO: In optical scintillation ceramic
Gorokhova, Elena; Eroniko, S.B.; Kulkov, A.M.; Oreshchenko, E.A.; Simonova, K.L.; Chernenko, K.A.; Venevtsev, I.D.; Rodnyi, P.A.; **Lott, Kalju**; Wieczorek, H. Journal of optical technology 2015 / p. 837-842 : ill https://doi.org/10.1364/JOT.82.000837 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

Distributed fusion and automated sensor tasking in ISR systems
Preden, Jürgo-Sören; **Pahtma, Raido**; **Astapov, Sergei**; **Ehala, Johannes**; **Riid, Andri**; **Mõtus, Leo** Ground/air multisensor interoperability, integration, and networking for persistent ISR V 2014 / p. 90790M-1 - 90790M-10 : ill https://doi.org/10.1117/12.2054731 Conference proceedings at Scopus Article at Scopus Article at WOS

Dynamics of apartment building renovation investment costs based on Estonian reovation grant scheme
Miller, Grete; **Lihtmaa, Lauri**; **Kalamees, Targo** Acta Polytechnica CTU proceedings 2022 / p. 579-584 https://doi.org/10.14311/APP.2022.38.0579 Journal metrics at Scopus Article at Scopus

Easy to use empirical model for green vegetation reflection spectrum in VIS-NIR range
Udal, Andres; **Jürise, Martin**; **Kaugerand, Jaanus**; **Sell, Raivo** SPIE digital library 2020 / art. 115240H-1–14
https://doi.org/10.1117/12.2570820 Conference proceeding Article at Scopus Article at WOS

Efficiency optimization of mini unmanned multicopter
Penkov, Igor; **Aleksandrov, Dmitri** International review of aerospace engineering 2017 / p. 277-281 : ill
https://doi.org/10.15866/irease.v10i5.12132 Journal metrics at Scopus Article at Scopus

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

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

The equivalent medium for the elastic scattering by many small rigid bodies and applications
Al-Musallam, Fadhel; **Challa, Durga Prasad**; Sini, Mourad IMA Journal of Applied Mathematics (Institute of Mathematics and Its Applications) 2016 / p. 1020 - 1050 https://doi.org/10.1093/imamat/hxw042 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Examining the performance of along track multi-mission satellite altimetry – a case study for Sentinel-6
Heinoja, Lenne-Liisa; **Delpeche-Ellmann, Nicole Camille**; **Ellmann, Artu** Journal of geodetic science 2023 / art. 20220159
https://doi.org/10.1515/jogs-2022-0159 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Exploring internally coupled resonator's dynamics and spatial variability in metamaterials for vibration suppression
Alimohammadi, Hossein; Vassiljeva, Kristina; HosseinNia, S. Hassan; **Petlenkov, Eduard** Active and Passive Smart Structures and Integrated Systems XVII 2024 / art. 1294614 https://doi.org/10.1117/12.3024067 Conference Proceedings at Scopus Article at Scopus Article at WOS

Extended fractional singular Kalman filter
Nosrati, Komeil; **Belikov, Juri**; **Tepljakov, Aleksei**; **Petlenkov, Eduard** Applied mathematics and computation 2023 / art. 127950, 15 p. : ill https://doi.org/10.1016/j.amc.2023.127950 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Extraction of the index of refraction by embedding multiple small inclusions
Alsaedi, Ahmed; Alzahrani, Faris; **Challa, Durga Prasad**; Kirane, Mokhtar; Sini, Mourad Inverse problems 2016 / art. 045004, p. 1-18 : ill http://iopscience.iop.org/0266-5611/32/4/045004 https://doi.org/10.1088/0266-5611/32/4/045004 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Feedback linearization of an active magnetic bearing system operated with a zero-bias flux
Mystkowski, Arkadiusz; **Kaparin, Vadim**; **Kotta, Ülle**; Pawluszewicz, Ewa; **Tõnso, Maris** International journal of applied mathematics and computer science 2017 / p. 539-548 : ill https://doi.org/10.1515/amcs-2017-0038 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

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

The Fourier, Hilbert, and Mellin transforms on a half-line
Blasten, Emilia; **Päivärinta, Lassi Juhani**; **Sadique, Sadia** SIAM Journal on Mathematical Analysis 2023 / p. 7529-7548
https://doi.org/10.1137/23M1560628 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Gunshot acoustic event identification and shooter localization in a WSN of asynchronous multichannel acoustic ground sensors
Astapov, Sergei; **Berdnikova, Julia**; **Ehala, Johannes**; **Kaugerand, Jaanus**; **Preden, Jürgo-Sören** Multidimensional systems and signal processing 2018 / p. 563-595 : ill https://doi.org/10.1007/s11045-017-0479-7 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Hardware-in-the-Loop test of an open loop fuzzy control method for decoupled electro-hydraulic antilock braking system
Aksjonov, Andrei; Ricciardi, Vincenzo; Augsburg, Klaus; **Vodovozov, Valery**; **Petlenkov, Eduard** IEEE transactions on fuzzy

systems 2020 / p. 965-975: ill https://doi.org/10.1109/TFUZZ.2020.2965868 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Hintikka memorial issue : introduction and remarks on Jaakko Hintikka's logical philosophy
Pietarinen, Ahti-Veikko Logica Universalis 2019 / p. 137–145 https://doi.org/10.1007/s11787-019-00222-4 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Hysteresis current control with distributed shoot-through states for impedance source inverters
Husev, Oleksandr; **Chub, Andrii**; Romero-Cadaval, Enrique; Roncero-Clemente, Carlos; **Vinnikov, Dmitri** International journal of circuit theory and applications 2016 / p. 783-797 : ill https://doi.org/10.1002/cta.2106 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Identification of a kernel in an evolutionary integral equation occurring in subdiffusion
Janno, Jaan; **Kasemets, Kairi** Journal of inverse and ill-posed problems 2017 / p. 777-798 https://doi.org/10.1515/jiip-2016-0082 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Identification of seismic signals at the output of large ring laser gyroscope
Tari, J.B.; Eno, N.A Earth Observing Systems XXIII, 21-23 August 2018, San Diego, California, United States 2018 / art. 107641M, 11 p. : ill https://doi.org/10.1117/12.2320614 Conference proceeding at Scopus Article at Scopus Article at WOS

Identification of ship wake structures by a time–frequency method
Torsvik, Tomas; **Soomere, Tarmo**; **Didenkulova, Irina**; Sheremet, Alex Journal of fluid mechanics 2015 / p. 229-251 : ill https://doi.org/10.1017/jfm.2014.734 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

IEEE European Test Symposium (ETS)
Eggersgluss, Stephan; Hamdioui, Said; **Jutman, Artur**; Michael, Maria K.; **Raik, Jaan** 2019 IEEE International Test Conference (ITC) 2019 / 4 p https://doi.org/10.1109/ITC44170.2019.9000148 Conference proceeding at Scopus Article at Scopus Article at WOS

Impact of CFO on low latency-enabled UAV using "Better than Nyquist" pulse shaping in GFDM
Sharma, Navuday; Kumar, Atul; Magarini, Maurizio; Bregni, Stefano 2019 IEEE 89th Vehicular Technology Conference (VTCSpring), Kuala Lumpur, Malaysia, 28 April–1 May 2019 : proceedings 2019 / 6 p. : ill https://doi.org/10.1109/VTCSpring.2019.8746309 Conference proceedings at Scopus Article at Scopus Article at WOS

Implementation and evaluation of the DAOM framework and tool support for designing blockchain decentralized applications
Udokwu, Chibuzor; Brandtner, Patrick; **Norta, Alexander**; **Kormiltsõn, Aleksandr**; Matulevičius, Raimundas International journal of law and information technology 2021 / p. 2245−2263 : ill https://doi.org/10.1007/s41870-021-00816-6 Journal metrics at Scopus Article at Scopus

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

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 long transmission lines in large-scale DQ0 dynamic models
Belikov, Juri; Levron, Yoash Electrical Engineering 2018 / p. 1219–1228 https://doi.org/10.1007/s00202-017-0582-7 Journal metrics at Scopus Article at Scopus Journal metrics at WOS 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

Interfacial long traveling waves in a two-layer fluid with variable depth
Pelinovsky, Efim; Talipova, Tatyana; **Didenkulova, Irina**; Didenkulova, Ekaterina Studies in applied mathematics 2019 / p. 513-527 https://doi.org/10.1111/sapm.12235 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

Inverse problems for a parabolic integrodifferential equation in a convolutional weak form
Kasemets, Kairi; **Janno, Jaan** Abstract and applied analysis 2013 / p. 1-16 : ill https://doi.org/10.1155/2013/297104 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

Logical investigations on assertion and denial
Carrara, Massimiliano; **Chiffi, Daniele**; De Florio, Ciro Journal of applied logic 2017 / p. S1-S2 https://doi.org/10.1016/j.jal.2017.11.003 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Marginal PCB assembly defect detection on DDR3/4 memory bus
Odintsov, Sergei; **Jutman, Artur**; **Devadze, Sergei** 2017 IEEE International Test Conference (ITC 2017) : Forth Worth, Texas, USA, 31 October - 2 November 2017 2017 / p. 238-247 : ill https://doi.org/10.1109/TEST.2017.8242070 Conference proceedings at Scopus Article at Scopus 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

Matrix transforms of λ-boundedness domains of the Zweier method
Aasma, Ants; **Dutta, Hemen** TWMS Journal of applied and engineering mathematics 2020 / p. 28-37 https://jaem.isikun.edu.tr/web/images/articles/vol.10-Special_Issue/04.pdf https://jaem.isikun.edu.tr/web/index.php/archive/107-vol10-special-issue/582-matrix-transforms-of-boundedness-domains-of-the-zweier-method Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Mid-IR DIAL for high-resolution mapping of explosive precursors
Mitev, Valentin M.; Babichenko, Sergey M.; Bennès, Jonathan; Borelli, Rodolfo; Dolfi-Bouteyre, Agnès; Fiorani, Luca; Hespel, Laurent; Huet, Thierry; Palucci, Antonio; Pistilli, Marco; Puiu, Adriana; Rebane, Ott; **Sobolev, Innokenti** Lidar technologies, techniques, and measurements for atmospheric remote sensing IX : 23 - 24 September 2013, Dresden, Germany 2013 / art. 88940S https://doi.org/10.1117/12.2028374 Conference Proceedings at Scopus Article at Scopus Article at WOS

A model for confined vortex rings with elliptical-core vorticity distribution
Danaila, Ionut; **Kaplanski, Felix**; Sazhin, Sergei Journal of fluid mechanics 2017 / p. 67-94 : ill https://doi.org/10.1017/jfm.2016.752 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 anisotropy in non-oriented electrical steel sheet using vector Jiles-Atherton model
Upadhaya, Brijesh; Martin, Floran; Rasilo, Paavo; Handgruber, Paul; **Belahcen, Anouar**; Arkkio, Antero COMPEL : The international journal for computation and mathematics in electrical and electronic engineering 2017 / p. 764-773 : ill https://doi.org/10.1108/COMPEL-09-2016-0399 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Modelling of a two-phase vortex-ring flow using an analytical solution for the carrier phase
Rybdylova, O.; Sazhin, S.S.; Osiptsov, A.N.; **Kaplanski, Felix**; Begg, S.; Heikal, M. Applied mathematics and computation 2018 / 11 p. : ill https://doi.org/10.1016/j.amc.2017.12.044 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Modelling of confined vortex rings
Danaila, Ionut; **Kaplanski, Felix**; Sazhin, Sergei Journal of fluid mechanics 2015 / p. 267-297 : ill https://doi.org/10.1017/jfm.2015.261 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Moisture drying capacity of mineral wool insulated steel-faced sandwich panels by convection
Lomp, Siim; **Kalbe, Kristo**; **Kalamees, Targo** Acta Polytechnica CTU proceedings 2022 / p. 347-353 https://doi.org/10.14311/APP.2022.38.0347 Conference proceedings at Scopus Article at Scopus

Multi-nodal nano-actuator pacemaker for energy-efficient stimulation of cardiomyocytes
Lu, Pengfei; Veletic, Mladen; **Laasmaa, Martin**; **Vendelin, Marko** Nano Communication Networks 2019 / art. 100270, 11 p. : ill

https://doi.org/10.1016/j.nancom.2019.100270 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A multiplexed FBG based sensor platform for flow and temperature measurements in the Baltic Sea
Dzipalski, A.; Morton, J. A. S.; Papachristou, N.; Maier, R. R. J.; MacPherson, W. N.; **Ristolainen, Asko**; **Kruusmaa, Maarja**; Reilent, E.; **Suhhova, Irina**; **Lips, Urmas** Proceedings of SPIE 2023 / art. 1264307-1 : ill https://doi.org/10.1117/12.2679756 Conference proceedings at Scopus Article at Scopus

A multiplexed reconfigurable modular FBG-based sensor platform for flow and temperature measurements in the North Sea
Dzipalski, Adrian; Morton, Jonathan A. S.; Papchristou, Nikolitsa; Maier, Robert R. J.; MacPherson, William N.; **Ristolainen, Asko**; **Reilent, Enar**; **Kruusmaa, Maarja**; Wolf, Ben J.; Pirih, Primoz; Van Netten, Sietse M.; **Suhhova, Irina**; **Lips, Urmas**; McFarlane, Nathan; MacLeod, Robert; Hendry, Mark; Sheehy, Jack; Almoghayer, Mohammed; Rojas, Natalia; Davies, Gareth Proceedings of SPIE 2024 / 6 p https://doi.org/10.1117/12.3031643 Conference proceedings at Scopus Article at Scopus Article at WOS

Multiscale analysis of the acoustic scattering by many scatterers of impedance type
Challa, Durga Prasad; Sini, Mourad Zeitschrift für angewandte Mathematik und Physik 2016 / art. 58, p. 1-31 : ill https://doi.org/10.1007/s00033-016-0652-0 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Nabla derivatives associated with nonlinear control systems on homogeneous time scales
Bartosiewicz, Zbigniew; **Kotta, Ülle**; **Mullari, Tanel**; **Tõnso, Maris**; Pawluszewicz, Ewa; Wyrwas, Małgorzata Nonlinear analysis : modelling and control 2016 / p. 547-563 https://doi.org/10.15388/NA.2016.4.8 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

Nonlinear dynamics in PEH for enhanced power output and vibration suppression in metastructures
Alimohammadi, Hossein; **Vassiljeva, Kristina**; HosseinNia, S. Hassan; **Petlenkov, Eduard** Nonlinear Dynamics 2024 / p. 12941 - 12963 https://doi.org/10.1007/s11071-024-09739-w 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

Nonlinear wave run-up in bays of arbitrary cross-section : generalization of theCarrier–Greenspan approach
Rybkin, Alexei; Pelinovsky, Efim; Didenkulova, Irina Journal of fluid mechanics 2014 / p. 416-432 : ill https://doi.org/10.1017/jfm.2014.197 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 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

On an electromagnetic problem in a corner and its applications
Blasten, Emilia; Liu, Hongyu; Xiao, Jingni Analysis & PDE 2021 / p. 2207-2224 https://doi.org/10.2140/apde.2021.14.2207 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

On approximation properties of generalized Kantorovich-type sampling operators
Orlova, Olga; **Tamberg, Gert** Journal of approximation theory 2016 / p. 73-86 : ill https://doi.org/10.1016/j.jat.2015.10.001 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

On assertion and denial in the logic for pragmatics
Carrara, Massimiliano; **Chiffi, Daniele**; De Florio, Ciro Journal of applied logic 2017 / p. S97-S107 : ill https://doi.org/10.1016/j.jal.2017.11.002 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 identical traveling-wave solutions of the Kudryashov-Sinelshchikov and related equations
Randrüüt, Merle; Braun, Manfred International journal of non-linear mechanics 2014 / p. 206-211 : ill

https://doi.org/10.1016/j.ijnonlinmec.2013.09.013 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 number of factorizations of t mod N and the probability distribution of Diffie-Hellman secret keys for many users
Leibak, Alar Advances in mathematics of communications 2023 / p. 920-927 https://doi.org/10.3934/amc.2021029 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

On the topologic structure of economic complex networks : empirical evidence from large scale payment network of Estonia
Rendon de la Torre, Stephanie; **Kalda, Jaan**; **Kitt, Robert**; **Engelbrecht, Jüri** Chaos, solitons & fractals 2016 / p. 18-27 : ill https://doi.org/10.1016/j.chaos.2016.01.018 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

On-line data validation in distributed data fusion
Preden, Jürgo-Sören; Llinas, James; Rogova, Galina; **Pahtma, Raido**; **Mõtus, Leo** Ground/air multisensor interoperability, integration, and networking for persistent ISR IV 2013 / p. 1-12 : ill https://doi.org/10.1117/12.2016249 Conference Proceedings at Scopus Article at Scopus 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

Pattern formation of elastic waves and energy localization due to elastic gratings
Berezovski, Arkadi; **Engelbrecht, Jüri**; Berezovski, Mihhail International journal of mechanical sciences 2015 / p. 137-144 : ill https://doi.org/10.1016/j.ijmecsci.2015.07.027 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Permittivity and breakdown voltage study of the epoxy-based nanocomposites
Siddique, Abubakar; Arshad, Amna; Aslam, Waseem; Fatima, Maham; **Sardar, Muhammad Usman**; Noon, Muhammad Asim International review of electrical engineering 2023 / p. 373-382 https://doi.org/10.15866/iree.v18i5.22518 Journal metrics at Scopus Article at Scopus

Piezoelectric compensation of structural damping in metamaterial beams: stability and performance analysis
Alimohammadi, Hossein; **Vassiljeva, Kristina**; HosseinNia, S. Hassan; **Ellervee, Peeter**; **Petlenkov, Eduard** Active and Passive Smart Structures and Integrated Systems XVIII 2024 / art. 129460J, 11 p. : ill https://doi.org/10.1117/12.3024120 Conference proceedings at Scopus Article at Scopus Article at WOS

Positive-energy D-bar method for acoustic tomography : a computational study
de Hoop, M. V.; Lassas, Matti; Santacesaria, M.; Siltanen, Samuli; **Tamminen, Janne Pertti Olavi** Inverse problems 2016 / art, 025003, p. 1-35 : ill https://doi.org/10.1088/0266-5611/32/2/025003 Journal metrics at Scopus Article at Scopus Journal metrics at WOS 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

Pregnancy associated breast cancer gene expressions : new insights on their regulation based on rare correlated patterns
Bouasker, Souad; **Inoubli, Wissem**; **Ben Yahia, Sadok**; Diallo, Gayo IEEE/ACM transactions on computational biology and bioinformatics 2021 / p. 1035−1048 https://doi.org/10.1109/TCBB.2020.3015236 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Quadratic/linear rational spline histopolation
Hallik, Helle; Oja, Peeter BIT numerical mathematics 2017 / p. 629-648 : ill https://doi.org/10.1007/s10543-017-0645-1 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Reconstruction of an order of derivative and a source term in a fractional diffusion equation from final measurements
Janno, Jaan; **Kinash, Nataliia** Inverse problems 2018 / art. 025007, 19 p. : ill https://doi.org/10.1088/1361-6420/aaa0f0 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

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

Regions of exponential stability in coefficient space for linear systems on nonuniform discrete domains
Belikov, Juri; **Kaparin, Vadim** Journal of difference equations and applications 2017 / p. 878-892 : ill https://doi.org/10.1080/10236198.2017.1304931 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Robust stabilization criteria of a general form of fractional-order controllers for interval fractional-order plants with complex uncertain parameters
Ghorbani, Majid ISA transactions 2022 / p. 140-151 : ill https://doi.org/10.1016/j.isatra.2022.02.014 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Robust stability testing function for a complex interval family of fractional-order polynomials
Ghorbani, Majid; Rezaei, Hossein; **Tepljakov, Aleksei**; **Petlenkov, Eduard** Journal of the Franklin Institute 2022 / p. 10038 - 10057 https://doi.org/10.1016/j.jfranklin.2022.09.042 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Scaling and hierarchies of wave motion in solids
Engelbrecht, Jüri; **Salupere, Andrus** ZAMM : Journal of Applied Mathematics and Mechanics / Zeitschrift für Angewandte Mathematik und Mechanik 2014 / p. 775-783 https://doi.org/10.1002/zamm.201300042 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Scattering by curvatures, radiationless sources, transmission eigenfunctions, and inverse scattering problems
Blasten, Emilia; Liu, Hongyu SIAM Journal on Mathematical Analysis 2021 / p. 3801-3837 https://doi.org/10.1137/20M1384002 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Selective laser melted Ti6Al4V split-P TPMS lattices for bone tissue engineering
Rezapourianghahfarokhi, Mansoureh; Jasiuk, Iwona; **Saarna, Mart**; **Hussainova, Irina** International journal of mechanical sciences 2023 / art. 108353 https://doi.org/10.1016/j.ijmecsci.2023.108353 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

Shipborne GNSS acquisition of sea surface heights in the Baltic Sea
Liibusk, Aive; **Varbla, Sander**; **Ellmann, Artu**; **Vahter, Kaimo**; **Uiboupin, Rivo**; **Delpeche-Ellmann, Nicole Camille** Journal of geodetic science 2022 / 21 p. : ill., map https://doi.org/10.1515/jogs-2022-0131 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Similarity of length scales in high-Reynolds-number wall-bounded flows
Gustenyov, Nikolay; **Egerer, Margit**; Hultmark, Marcus; Smits, Alexander J.; Bailey, Sean C.C. Journal of Fluid Mechanics 2023 / art. A17 https://doi.org/10.1017/jfm.2023.417 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

Snubberless boost full-bridge converters: analysis of soft switching performance and limitations
Blinov, Andrei; **Kosenko, Roman**; **Chub, Andrii**; **Vinnikov, Dmitri** International journal of circuit theory and applications 2019 / p. 1−25 : ill https://doi.org/10.1002/cta.2626 Journal metrics at Scopus Article at Scopus Journal metrics at WOS 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

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

Special issue on concept lattices and their applications (CLA 2020)
Valverde-Albacete, Francisco José; Trnecka, Martin; **Ben Yahia, Sadok** International journal of approximate reasoning 2024 / art. 109079, 3 p. https://doi.org/10.1016/j.ijar.2023.109079 Journal metrics at Scopus Article at Scopus

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

Spectral properties of incoherent terahertz torch based on parabolic Ga(As,Bi)/AlGaAs quantum wells
Karaliunas, Mindaugas; Pagalys, Justas; Jakštas, Vytautas; Norkus, Ričardas; Urbanowicz, Andrzej; Devenson, Jan; Devenson, Renata; **Udal, Andres**; Valušis, Gintaras Terahertz Emitters, Receivers, and Applications X : SPIE Optical Engineering + Applacations, 11-15 August 2019, San Diego, California, United States : proceedings SPIE digital library 2019 https://doi.org/10.1117/12.2528428 Conference proceeding at Scopus Article at Scopus Article at WOS

Static state feedback linearization of nonlinear control systems on homogeneous time scales
Bartosiewicz, Zbigniew; **Kotta, Ülle**; **Tõnso, Maris**; Wyrwas, Małgorzata Mathematics of control, signals, and systems 2015 / p. 523-550 https://doi.org/10.1007/s00498-015-0150-5 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

Structural vector autoregressions with smooth transition in variances
Lütkepohl, Helmut; **Netšunajev, Aleksei** Journal of economic dynamics and control 2017 / p. 43-57 : ill https://doi.org/10.1016/j.jedc.2017.09.001 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Study of bearing currents in induction machine : diagnostic possibilities, fault detection, and prediction
Kudelina, Karolina; **Raja, Hadi Ashraf**; **Naseer, Muhammad Usman**; **Autsou, Siarhei**; **Asad, Bilal**; **Vaimann, Toomas**; **Kallaste, Ants** Electrical engineering 2024 / 14 p. : ill https://doi.org/10.1007/s00202-024-02411-x 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

A survey on artificial intelligence approaches in supporting frontline workers and decision makers for the COVID-19 pandemic
Rasheed, Jawad; Jamil, Akhtar; **Draheim, Dirk** Chaos, solitons & fractals 2020 / art. 110337, 17 p https://doi.org/10.1016/j.chaos.2020.110337 Journal metrics at Scopus Article at Scopus Journal metrics at WOS 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

The predictive power of power-laws : an empirical time-arrow based investigation
Andria, Joseph; Tollo, Giacomo di; **Kalda, Jaan** Chaos, solitons & fractals 2022 / art. 112425
https://doi.org/10.1016/j.chaos.2022.112425 Journal metrisc at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The structure of algebraic solitons and compactons in the generalized Korteweg–de Vries equation
Pelinovsky, Efim; Talipova, Tatyana; **Soomere, Tarmo** Physica D : Nonlinear Phenomena 2021 / art. 132785, 7 p. : ill
https://doi.org/10.1016/j.physd.2020.132785 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Time-dependent variations in current harmonic emission by LED lamps in the low-voltage network
Iqbal, Muhammad Naveed; **Kütt, Lauri**; **Asad, Bilal**; **Shabbir, Noman**; **Rasheed, Iftikhar** Electrical Engineering 2021 / p. 1525-1539 : ill https://doi.org/10.1007/s00202-020-01175-4 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

To Peirce Hintikka's thoughts
Pietarinen, Ahti-Veikko Logica Universalis 2019 / p. 241–262 https://doi.org/10.1007/s11787-018-0203-x Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Two remarks on Bravais manifolds
Tammela, Paul Journal of Soviet Mathematics 1976 / p. 689-691 : ill https://doi.org/10.1007/BF01092513 Journal metrics at Scopus Article at Scopus

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

A Unique backoff algorithm in IEEE 802.15.6 WBAN
Saboor, Abdul; Ahmad, Rizwan; Ahmed, Waqas; **Alam, Muhammad Mahtab** 2018 IEEE 88th Vehicular Technology Conference (VTC-Fall) :Chicago, IL, USA27 - 30 August 2018 : proceedings 2018 / 5 p. : ill https://doi.org/10.1109/VTCFall.2018.8690812 Conference proceedings at Scopus Article at Scopus Article at WOS

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

Venkov's reduction theory of positive-quadratic forms
Tammela, Paul Journal of Soviet Mathematics 1985 / p. 1306 - 1312 https://doi.org/10.1007/BF02108244 Journal at Scopus Article at Scopus

Why make things simple when you can make them complicated? An appreciation of Lewis Carroll's symbolic logic
Moktefi, Amirouche Logica universalis 2021 / p. 359–379 : ill https://doi.org/10.1007/s11787-021-00286-1 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