Achieving of Magnus effect with Agros Suite
Lukin, Aleksandr; **Demidova, Galina**; **Rassõlkin, Anton** Periodica polytechnica electrical engineering and computer science 2021 / p. 131-137 : ill https://doi.org/10.3311/PPee.17743 Journal metrics at Scopus Article at Scopus

An integrated electroactive polymer sensor-actuator : design, model-based control, and performance characterization
Hunt, Andres; Chen, Zheng; Tan, K.; **Kruusmaa, Maarja** Smart materials and structures 2016 / art. 035016, p. 1-16 : ill https://doi.org/10.1088/0964-1726/25/3/035016 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analysis of keyword spotting performance across IARPA Babel languages
Hartmann, William; Karakos, Damianos; Hsiao, Roger; Zhang, Le; **Alumäe, Tanel**; Tsakalidis, Stavros; Schwartz, Richard 2017 IEEE International Conference on Acoustics, Speech, and Signal Processing : proceedings : March 5-9, 2017, Hilton New Orleans Riverside, New Orleans, Louisiana, USA 2017 / p. 5765-5769 : ill https://doi.org/10.1109/ICASSP.2017.7953261 Conference proceedings at Scopus Article at Scopus Article at WOS

Analyzing Apache Storm as core for an event processing network model
Schulze, Christin; Gerner, Christian; Tyca, Matthias; Koschel, Arne; Pakosch, Anna; **Astrova, Irina** Intelligent systems and applications : proceedings of the 2021 Intelligent Systems Conference (IntelliSys). Volume 3 2024 / p. 397 - 410 https://doi.org/10.1007/978-3-031-47715-7_27 Conference Proceedings at Scopus Article at Scopus Article at WOS

Application of component organized learning method for DIGSCM 4.0 hybrid courses
Ševtšenko, Eduard; Maas, Rene; **Karaulova, Tatjana**; Truver, Anna; Nikolajeva, Anna; Revals, Ritvars; Popell, Janek; Dembovska, Iveta; Samuolaitis, Mindaugas; Raupeliene, Asta Learning in the Age of Digital and Green Transition : proceedings of the 25th International Conference on Interactive Collaborative Learning (ICL2022), Volume 1 2023 / p. 157-170 https://doi.org/10.1007/978-3-031-26876-2_15 https://link.springer.com/chapter/10.1007/978-3-031-26876-2_15 Conference proceedings at Scopus Article at Scopus Article at WOS

Areeba : an area efficient binary huff-curve architecture
Sajid, Asher; Rashid, Muhammad; Jamal, Sajjad Shaukat; **Imran, Malik**; Alotaibi, Saud S.; Sinky, Mohammed H. Electronics (Switzerland) 2021 / art. 1490 https://doi.org/10.3390/electronics10121490 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Automated identification of application-dependent safe faults in automotive systems-on-a-chips
Bagbaba, Ahmet Cagri; Augusto da Silva, Felipe; Sonza Reorda, Matteo; Hamdioui, Said; **Jenihhin, Maksim**; Sauer, Christian Electronics 2022 / art. 319 https://doi.org/10.3390/electronics11030319 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Automated training set size reduction for detection of small and thin objects
Pihlak, Rene; **Riid, Andri** 12th International Conference on Information Systems and Advanced Technologies "ICISAT 2022" : Intelligent Information, Data Science and Decision Support System 2023 / p. 423-433 https://doi.org/10.1007/978-3-031-25344-7_39 Conference Proceedings at Scopus Article at Scopus

A case for modern build automation for intelligent systems
Grunewald, Alexander; Lange, Moritz; Tran, Kim Chi; **Astrova, Irina** Intelligent Systems and Applications : proceedings of the 2022 Intelligent Systems Conference (IntelliSys). Volume 1 2023 / p. 789-799 https://doi.org/10.1007/978-3-031-16072-1_56 Conference proceedings at Scopus Article at Scopus Article at WOS

Changes in EEG measures of a recipient of the mRNA COVID-19 vaccine - a case study
Uudeberg, Tuuli; **Hinrikus, Hiie**; **Päeske, Laura**; Lass, Jaanus; Bachmann, Maie 2022 44th Annual International Conference of the IEEE Engineering in Medicine & Biology Society (EMBC) 2022 / p. 3702-3705 https://doi.org/10.1109/EMBC48229.2022.9871524 Conference Proceedings at Scopus Article at Scopus

Comparative analysis of machine learning techniques for non-intrusive load monitoring
Shabbir, Noman; **Vassiljeva, Kristina**; **Hokmabad, Hossein Nourollahi**; **Husev, Oleksandr**; **Petlenkov, Eduard**; **Belikov, Juri** Electronics 2024 / art. 1420 https://doi.org/10.3390/electronics13081420 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Component organised learning method for digital supply chain hybrid courses
Murumaa, Lea; Ševtšenko, Eduard; **Karaulova, Tatjana** Mobility for Smart Cities and Regional Development - Challenges for Higher Education : proceedings of the 24th International Conference on Interactive Collaborative Learning (ICL2021). Vol. 1 2022 / p. 691-705 https://doi.org/10.1007/978-3-030-93904-5_69 Conference proceedings at Scopus Article at Scopus Article at Scopus

Comprehensive comparative analysis of impedance-source networks for DC and AC application
Husev, Oleksandr; Shults, Tatiana; **Vinnikov, Dmitri**; **Chub, Andrii** Electronics 2019 / 21 p. : ill https://doi.org/10.3390/electronics8040405 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Computer science students early drop-out prediction using machine learning : a case study

Maksimova, Natalja; **Pentel, Avar**; **Dunajeva, Olga** Learning with Technologies and Technologies in Learning 2022 / p. 523-549 https://doi.org/10.1007/978-3-031-04286-7_25 Article collection metrics at Scopus Article at Scopus

Condition monitoring and fault detection for electrical machines using IOT
Raja, Hadi Ashraf; **Vaimann, Toomas**; **Rassõlkin, Anton**; **Kallaste, Ants** Proceedings of the Future Technologies Conference (FTC) 2022. Volume 2 2023 / p. 162-173 https://doi.org/10.1007/978-3-031-18458-1_12 Conference proceedings 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

COVID-19's impact on the quality of educational process and the academic performance as viewed by IT students : a case study in text mining
Dunajeva, Olga; **Pentel, Avar**; **Maksimova, Natalja** ICL 2021: Mobility for Smart Cities and Regional Development - Challenges for Higher Education : proceedings of the 24th International Conference on Interactive Collaborative Learning (ICL2021). Vol. 1 2022 / p. 417-425 https://doi.org/10.1007/978-3-030-93904-5_42 Conference proceedings at Scopus Article at Scopus Article at WOS

A current spectrum-based algorithm for fault detection of electrical machines using low-power data acquisition devices
Asad, Bilal; **Raja, Hadi Ashraf**; **Vaimann, Toomas**; **Kallaste, Ants**; Pomarnacki, Raimondas; Hyunh, Van Khang Electronics 2023 / art. 1746 https://doi.org/10.3390/electronics12071746 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Curricula updates through students' participation in international competition
Valme, Daniil; **Belolipetskaja, Diana**; **Rassõlkin, Anton**; **Leoste, Janika**; **Rüütmann, Tiia** Robotics in education : proceedings of the RiE 2024 conference 2024 / p. 352-364 https://doi.org/10.1007/978-3-031-67059-6_31 Conference proceedings at Scopus Article at Scopus Article at WOS

Data fusion for ITS : a systematic literature review
Ounoughi, Chahinez; **Ben Yahia, Sadok** Information Fusion 2023 / p. 267-291 https://doi.org/10.1016/j.inffus.2022.08.016 Journal metrics at Scopus Article at scopus Journal metrics at WOS Article at WOS

Data-driven approaches based microwave filter tuning - a review
Sekhri, Even; **Tamre, Mart**; Kapoor, Rajiv Advances in Artificial-Business Analytics and Quantum Machine Learning : Select Proceedings of the 3rd International Conference, Com-IT-Con 2023, Volume 2 2024 / p. 273-286 https://doi.org/10.1007/978-981-97-4860-0_22 Conference proceedings at Scopus Article at Scopus

Deep learning based audio-visual emotion recognition in a smart learning environment
Dunajeva, Olga; **Pentel, Avar**; **Ivleva, Natalja**; **Juštšenko, Valeria** Towards a Hybrid, Flexible and Socially Engaged Higher Education : proceedings of the 26th International Conference on Interactive Collaborative Learning (ICL2023), vol. 1 2024 / p. 420-431 https://doi.org/10.1007/978-3-031-51979-6_44 Conference proceedings at scopus Article at Scopus Article at WOS

Design optimization of permanent magnet clutch with Ārtap framework
Andriushchenko, Ekaterina; Kaska, Jan; **Kallaste, Ants**; **Belahcen, Anouar**; **Vaimann, Toomas**; **Rassõlkin, Anton** Periodica polytechnica electrical engineering and computer science 2021 / p. 106-112 https://doi.org/10.3311/PPee.17007 Journal metrics at Scopus Article at Scopus

Development of teachers' judgement skills as a component of pre- and in-service training
Rüütmann, Tiia; Läänemets, Urve; Kaja, Kadi; Kiilu, Kristi Learning in the age of digital and green transition: proceedings of the 25th international conference on interactive collaborative learning (ICL2022), Volume 2 2023 / p. 639-648 https://doi.org/10.1007/978-3-031-26190-9_67 Conference proceedings at Scopus Article at Scopus

Development support for intelligent systems : test, evaluation, and analysis of microservices
Perbandt, Charline von; Tyca, Matthias; Koschel, Arne; **Astrova, Irina** Intelligent systems and applications : proceedings of the 2021 Intelligent Systems Conference (IntelliSys). Volume 1 2022 / p. 857-875 https://doi.org/10.1007/978-3-030-82193-7_58 Conference proceedings at Scopus Article at Scopus

Digital twin of wind generator to simulate different turbine characteristics using IoT
Raja, Hadi Ashraf; **Kudelina, Karolina**; **Rjabtšikov, Viktor**; **Vaimann, Toomas**; **Kallaste, Ants**; Pomarnacki, Raimondas; Hyunh, Van Khang Proceedings of the Future Technologies Conference (FTC) 2023. Vol. 1 2023 / p. 123-132 https://doi.org/10.1007/978-3-031-47454-5_9 Conference proceedings at Scopus Article at Scopus

Digitalization of engineering education : from e-learning to smart education
Makarova, Irina; Shubenkova, Ksenia; **Antov, Dago**; **Pashkevich, Anton** Smart Industry & Smart Education : proceedings of the 15th International Conference on Remote Engineering and Virtual Instrumentation 2019 / p. 32–41 https://doi.org/10.1007/978-3-319-95678-7_4 Conference proceedings at Scopus Article at Scopus Article at WOS

Distributed largest eigenvalue detection
Ainomäe, Ahti; **Trump, Tõnu**; Bengtsson, Mats 2017 IEEE International Conference on Acoustics, Speech, and Signal Processing : proceedings : March 5-9, 2017, Hilton New Orleans Riverside, New Orleans, Louisiana, USA 2017 / p. 3519-3523 : ill https://doi.org/10.1109/ICASSP.2017.7952811 Confernce proceedings at Scopus Article at Scopus Article at WOS

Distributed largest eigenvalue-based spectrum sensing using diffusion LMS
Ainomäe, Ahti; Bengtsson, Mats; **Trump, Tõnu** IEEE transactions on signal and information processing over networks 2018 / p. 362-377 : ill https://doi.org/10.1109/TSIPN.2017.2705483 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A dual-buck-boost DC–DC/AC universal converter
Ong, Yao Rong; Cao, Shuyu; Lee, Sze Sing; Lim, Chee Shen; Chen, Max M.; **Vosoughi Kurdkandi, Naser**; Barzegarkhoo, Reza; Siwakoti, Yam P. Electronics (Switzerland) 2022 / art. 1973 https://doi.org/10.3390/electronics11131973 Journal metrics at scopus Article at Scopus Journal metrics at WOS Article at WOS

An empirical modeling for the baseline energy consumption of an NB-IoT radio transceiver
Khan, Sikandar Muhammad Zulqarnain; **Alam, Muhammad Mahtab**; **Le Moullec, Yannick**; **Kuusik, Alar**; Pärand, Sven; Verikoukis, Christos IEEE Internet of Things Journal 2021 / p. 14756-14772 : ill https://doi.org/10.1109/JIOT.2021.3072769 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Enhancing university visitor satisfaction : a human-robot interaction study on the design and perception of a guiding robot assistant
Leoste, Janika; **Marmor, Kristel**; **Hollstein, Thomas**; Hinkelmann, Heiko; **Leoste, Leo Benjamin** Robotics in education : proceedings of the RiE 2024 conference 2024 / p. 223-234 https://doi.org/10.1007/978-3-031-67059-6_20 Conference Proceedings at Scopus Article at Scopus Article at WOS

Estimating sparse signals using integrated wideband dictionaries
Butsenko, Maksim; Swärd, Johan; Jakobsson, Andreas IEEE Transactions on Signal Processing 2018 / p. 4170-4181 : ill https://doi.org/10.1109/TSP.2018.2835426 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Estimating sparse signals using integrated wide-band dictionaries
Butsenko, Maksim; Swärd, Johan; Jakobsson, Andreas 2017 IEEE International Conference on Acoustics, Speech, and Signal Processing : proceedings : March 5-9, 2017, Hilton New Orleans Riverside, New Orleans, Louisiana, USA 2017 / p. 4426-4430 : ill https://doi.org/10.1109/ICASSP.2017.7952993 Conference proceedings at Scopus Article at Scopus Article at WOS

Evaluating maritime cluster economic impact : the maritime cluster impact index
Nõmmela, Kaidi; **Kõrbe Kaare, Kati** Reliability and Statistics in Transportation and Communication : selected papers from the 21st International Multidisciplinary Conference on Reliability and Statistics in Transportation and Communication, RelStat2021, 14-15 October 2021, Riga, Latvia 2022 / p. 556-565 https://doi.org/10.1007/978-3-030-96196-1_51 Conference proceedings at Scopus Article at Scopus Article at WOS

Evaluation of semantic parsing frameworks for automated knowledge base construction
Verrev, Martin Intelligent systems design and applications 22nd International Conference on Intelligent Systems Design and Applications (ISDA 2022) held December 12-14, 2022 - Volume 1 2023 / p. 554-563 https://doi.org/10.1007/978-3-031-27440-4_53 https://link.springer.com/book/10.1007/978-3-031-27440-4 Conference Proceedings at Scopus Article at Scopus

An experimental study of building blocks of lattice-based NIST post-quantum cryptographic algorithms
Imran, Malik; **Abideen, Zain Ul**; **Pagliarini, Samuel Nascimento** Electronics 2020 / art. 1953, 26 p. : ill https://doi.org/10.3390/electronics9111953 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Exploring challenges in remote communication : comparing teleconferencing software and telepresence robots usage in higher education
Talisainen, Aleksei; **Leoste, Janika**; Virkus, Sirje Proceedings of the Future Technologies Conference (FTC) 2024, Volume 2 2024 / p. 287 - 300 https://doi.org/10.1007/978-3-031-73122-8_18 Conference Proceedings at Scopus Article at Scopous

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

Feasibility study of interleaving approach for Quasi-Z-Source inverter
Stepenko, Serhii; **Husev, Oleksandr**; **Vinnikov, Dmitri**; Fesenko, Artem; **Matiushkin, Oleksandr** Electronics 2020 / art. 277, 11 p. : ill https://doi.org/10.3390/electronics9020277 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

FESDA : fog-enabled secure data aggregation in smart grid IoT network
Saleem, Ahsan; Khan, Abid; Malik, Saif Ur Rehman; Pervaiz, Haris; **Malik, Hassan**; Alam, Masoom; Jindal, Anish IEEE Internet of

Things Journal 2020 / p. 6132-6142 https://doi.org/10.1109/JIOT.2019.2957314 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Food recognition and food waste estimation using convolutional neural network
Lubura, Jelena; Pezo, Lato; Sandu, Mirela Alina; **Voronova, Viktoria**; Donsi, Francesco; Šic Žlabur, Jana; Ribic, Bojan; Peter, Anamarija; Šuric, Jona; Brandic, Ivan; **Klõga, Marija** Electronics 2022 / art. 3745 https://doi.org/10.3390/electronics11223746 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Forecasting of wind speed and power through FFNN and CFNN using HPSOBA and MHPSO-BAACs techniques
Ellahi, Manzoor; Usman, Muhammad Rehan; Arif, Waqas; Usman, Hafiz Fuad; Khan, Waheed A.; Satrya, Gandeva Bayu; **Daniel, Kamran**; **Shabbir, Noman** Electronics 2022 / art. 4193 https://doi.org/10.3390/electronics11244193 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Fractional-order modeling and control of ionic polymer-metal composite actuator
Tepljakov, Aleksei; Vunder, Veiko; **Petlenkov, Eduard**; Nakshatharan, S Sunjai; Punning, Andres; **Kaparin, Vadim**; **Belikov, Juri**; Aabloo, Alvo Smart materials and structures 2019 / 12 p. : ill https://doi.org/10.1088/1361-665X/ab2c75 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Geodesic equations for guided wave helical path separation for a pipe bend
Rasgado Moreno, Carlos Omar; **Ratassepp, Madis** Mechanical systems and signal processing 2023 / art. 110820 https://doi.org/10.1016/j.ymssp.2023.110820 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

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

Hierarchical optimization configuration strategy of synchronous condenser in high penetration wind power sending systems
Sun, Zhenglong; Qiao, Jianhua; Meng, Xin; Pan, Chao; Li, Zewei; **Belikov, Juri**; Levron, Yoash Electronics (Switzerland) 2024 / art. 4359 https://doi.org/10.3390/electronics13224359 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Higher education teachers' perceptions about teaching and learning related qualities of telepresence robots
Leoste, Janika; Virkus, Sirje; **Talisainen, Aleksei** ROBOT2022 : Fifth Iberian Robotics Conference : Advances in Robotics. Vol. 1 2022 / p. 526-537 https://doi.org/10.1007/978-3-031-21065-5_43 Conference proceedings at Scopus Article at Scopus Article at WOS

The impact of a transdisciplinary STEAM teacher training course on the integration of robotics in early childhood education
Rossi, Matti; Saimon, Musa; **Leoste, Janika**; Fenyvesi, Kristof; Lavicza, Zsolt Robotics in education : proceedings of the RiE 2024 conference 2024 / p. 114-125 : ill https://doi.org/10.1007/978-3-031-67059-6_11 Conference proceedings at Scopus Article at Scopus Article at WOS

Implementation of e-birth registration systems : potential and challenges the case study of Iran
Shahin, Mahtab; **Eskandri, Fatemeh**; **Ahmed, Rozha Kamal**; **Draheim, Dirk** ICT systems and sustainability : proceedings of ICT4SD 2021, Volume 1 2022 / p. 861-872 : ill https://doi.org/10.1007/978-981-16-5987-4_85 Conference proceedings at Scopus Article at Scopus

Implementation of electronic records management systems : potential and challenges a case study of the Water and Power Development Authority (WAPDA) in Pakistan
Butt, Sidra Azmat; **Pappel, Ingrid**; **Oolu, Karin** ICT Analysis and Applications : 23-24 July 2020, Panaji, Goa, India : proceedings of ICT4SD 2020. Vol. 2 2021 / p. 629–639 https://doi.org/10.1007/978-981-15-8354-4_63 Conference proceedings at Scopus Article at Scopus

Implementation of series resonance-based fault current limiter for enhanced transient stability of grid-connected photovoltaic farm
Demin, Slava; Barbie, Eli; Heistrene, Leena; **Belikov, Juri**; **Petlenkov, Eduard**; Levron, Yoash; Baimel, Dmitry Electronics (Switzerland) 2024 / art. 2987 https://doi.org/10.3390/electronics13152987 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Improved diagnostic approach for BRB detection and classification in inverter-driven induction motors employing sparse stacked autoencoder (SSAE) and lightGBM

Khan, Muhammad Amir; **Asad, Bilal**; **Vaimann, Toomas**; **Kallaste, Ants** Electronics (Switzerland) 2024 / art. 1292 https://doi.org/10.3390/electronics13071292 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Improved fractional open circuit voltage MPPT methods for PV systems
Baimel, Dmitry; Tapuchi, Saad; Levron, Yoash; **Belikov, Juri** Electronics 2019 / art. 321 https://doi.org/10.3390/electronics8030321 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Improved PWM-based sinewave generation : example of the impedance measurement
Abdullayev, Anar; **Annus, Paul**; **Krivošei, Andrei**; **Metshein, Margus**; **Märtens, Olev**; Rist, Marek Automatic control and computer sciences 2023 / p. 449-458 https://doi.org/10.3103/S0146411623050024 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Improvements on the carrier-based control method for a three-level T-type, quasi-impedance-source inverter
Barrero-Gonzalez, Fermin; Roncero-Clemente, Carlos; Milanes-Montero, Maria Isabel; **Husev, Oleksandr** Electronics 2019 / art. 677, 12 p. : ill https://doi.org/10.3390/electronics8060677 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Improving court efficiency through ICT integration : identifying essential areas of improvement
Ahmed, Rozha Kamal; Muhammed, Khder H.; Reitsakas, Aleksander; **Pappel, Ingrid**; **Draheim, Dirk** ICT Analysis and Applications : proceedings of ICT4SD 2019. Vol. 2 2020 / p. 449-461 : ill https://doi.org/10.1007/978-981-15-0630-7_44 Article collection at Scopus Article at Scopus

Improving IoT security with explainable AI : quantitative evaluation of explainability for IoT botnet detection
Kalakoti, Rajesh; **Bahsi, Hayretdin**; **Nõmm, Sven** IEEE Internet of Things Journal 2024 / p. 18237 - 18254 https://doi.org/10.1109/JIOT.2024.3360626 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

In-phase matrix profile : a novel method for the detection of major depressive disorder
Uudeberg, Tuuli; **Belikov, Juri**; **Päeske, Laura**; **Hinrikus, Hiie**; **Liiv, Innar**; **Bachmann, Maie** Biomedical Signal Processing and Control 2024 / art. 105378 https://doi.org/10.1016/j.bspc.2023.105378 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Interpretable machine learning for SME financial distress prediction
Medianovskyi, Kyrylo; Malakauskas, Aidas; Lakstutiene, Ausrine; **Ben Yahia, Sadok** 12th International Conference on Information Systems and Advanced Technologies "ICISAT 2022" : Intelligent Information, Data Science and Decision Support System 2023 / p. 454 - 464 https://doi.org/10.1007/978-3-031-25344-7_42 Article collection metrics at Scopus Article at Scopus

In-vitro investigation of flow profiles in arteries using the photoplethysmograph
Pilt, Kristjan; May, James M.; Kyriacou, Panayiotis A. Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC) 2021 / p. 7211-7214 https://doi.org/10.1109/EMBC46164.2021.9629713 Conference Proceedings at Scopus Aricle at Scopus Article at WOS

Leader selection in cooperative network based on MDL subspace algorithm for cognitive radio
Ulp, Sander; **Trump, Tõnu** Conference Record of The Fiftieh Asilomar Conference on Signals, Systems & Computers : November 6-9, 2016, Pacific Grove, California 2017 / p. 704-708 : ill https://doi.org/10.1109/ACSSC.2016.7869136 Conference proceedings at Scopus Article at Scopus Article at WOS

Learning content revisited : basis for creating a system of educational (pedagogical) activities
Rüütmann, Tiia; Läänemets, Urve; Kaja, Kadi Towards a hybrid, flexible and socially engaged higher education : proceedings of the 26th international conference on interactive collaborative learning (icl2023), volume 4 2024 / p. 342-352 https://doi.org/10.1007/978-3-031-53022-7_9 Conference proceedings at Scopus Article at Scopus Article at WOS

Machine learning based emotion recognition in a digital learning environment
Ivleva, Natalja; **Pentel, Avar**; **Dunajeva, Olga**; **Juštšenko, Valeria** Learning in the Age of Digital and Green Transition : Proceedings of the 25th International Conference on Interactive Collaborative Learning (ICL2022), Volume 1 2023 / p. 405-412 https://doi.org/10.1007/978-3-031-26876-2_38 Conference proceedings at Scpous Article at Scopus Article at WOS

Machine learning techniques for wireless-powered ambient backscatter communications : enabling intelligent iot networks in 6g era
Jameel, Furqan; **Sharma, Navuday**; Khan, Muhammad Awais; Khan, Imran; **Alam, Muhammad Mahtab**; Alam, Muhammad Mahtab; Mavromoustakis, Constandinos X. Internet of Things / 2020 https://doi.org/10.1007/978-3-030-44907-0_8 Article collection metrics at Scopus Article at Scopus

Maritime investment appraisal: The case of waste heat recovery systems installation
Olaniyi, Eunice Omolola; **Prause, Gunnar Klaus** Reliability and statistics in transportation and communication : Selected Papers from the 20th International Conference on Reliability and Statistics in Transportation and Communication, RelStat'20, 14-17 October 2020, Riga, Latvia 2021 / p. 603-612 https://doi.org/10.1007/978-3-030-68476-1_56 Article collection metrics at Scopus Article at

Scopus

Mathematical and physical modelling of the dynamic electrical bioimpedance
Giannoukos, Georgios; **Min, Mart** International journal of circuits, systems and signal processing 2014 / p. 600-606 : ill https://www.naun.org/main/NAUN/circuitssystemssignal/2014/a542005-049.pdf Journal metrics at Scopus Article at Scopus

Maturity Model for Automatization of Service Provision and Decision-Making Processes in Municipalities
Pappel, Ingmar; **Gelashvili, Teona**; **Pappel, Ingrid** Proceedings of Sixth International Congress on Information and Communication Technology 2022 / p. 399-409 : ill https://doi.org/10.1007/978-981-16-1781-2_37 Conference proceedings at Scopus Article at Scopus

Mechanoelectrical impedance of a carbide-derived carbon-based laminate motion sensor at large bending deflections
Must, Indrek; **Anton, Mart**; Viidalepp, Erki; Põldsalu, Inga; Punning, Andres; Aabloo, Alvo Smart Materials and Structures 2013 / art. 104015 https://doi.org/10.1088/0964-1726/22/10/104015 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Middleware for exchange and validation of context data and information
Preden, Jürgo-Sören; Llinas, James; **Mõtus, Leo** Context-enhanced information fusion : boosting real-world performance with domain knowledge 2016 / p. 205-230 : ill https://doi.org/10.1007/978-3-319-28971-7_9 Article collection metrics at Scopus Article at Scopus Article at WOS

A modified dynamic model of single-sided linear induction motors considering longitudinal and transversal effects
Heidari, Hamidreza; **Rassõlkin, Anton**; Razzaghi, Arash; **Vaimann, Toomas**; **Kallaste, Ants**; **Andriushchenko, Ekaterina**; **Belahcen, Anouar**; Lukichev, Dmitry Electronics 2021 / art. 933, 14 p. : ill https://doi.org/10.3390/electronics10080933 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Modified technique of parameter identification of a permanent magnet synchronous motor with PWM inverter in the presence of dead-time effect and measurement noise
Mamatov, Aleksandr; Lovlin, Sergey; **Vaimann, Toomas**; **Rassõlkin, Anton**; Vakulenko, Sergei; Abramian, Andrei Electronics 2019 / art. 1200, 19 p https://doi.org/10.3390/electronics8101200 Journal metrics at Scopus Article at Scopus Journal metrics ar WOS Article at WOS

New high-gain transformerless DC/DC boost converter system
Ahmed, Hassan Yousif; **Abdelrahim Abdelghafour, Omar Mohamed**; Ali, Ziad M. Electronics 2022 / art. 734 https://doi.org/10.3390/electronics11050734 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A new modulated finite control set-model predictive control of quasi-Z-source inverter for PMSM drives
Ahmed, Abdelsalam A.; **Bakeer, Abualkasim Ahmed Ali**; Alhelou, Hassan Haes; Siano, Pierluigi; Mossa, Mahmoud A. Electronics (Switzerland) 2021 / art. 2814 https://doi.org/10.3390/electronics10222814 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Object segmentation for autonomous driving using iseAuto data
Gu, Junyi; **Bellone, Mauro**; **Sell, Raivo**; Lind, Artjom Electronics (Switzerland) 2022 / Art. 1119 https://doi.org/10.3390/electronics11071119 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

On measuring confounding bias in mixed multidimensional data : case of coerced multiple linear regression adjustment
Arakkal Peious, Sijo; **Kaushik, Minakshi**; Shah, Syed Attique; **Sharma, Rahul**; **Suran, Shweta**; **Draheim, Dirk** ICT for Intelligent Systems : proceedings of ICTIS 2024. Vol. 6 2024 / p. 329–342 https://doi.org/10.1007/978-981-97-6684-0_27 Conference proceedings at Scopus Article at Scopus

On safety aspects of ammonia as marine fuel
Finger, Georg; **Prause, Gunnar Klaus** RelStat-2023 : Reliability and Statistics in Transportation and Communication : selected papers 2024 / p. 57-65 https://doi.org/10.1007/978-3-031-53598-7_5 Conference proceedings at Scopus Article at Scopus

On the design of base tables in the SQL databases of some existing software
Eessaar, Erki Software engineering perspectives in systems : proceedings of 11th Computer Science On-line Conference 2022, Vol. 1 2022 / p. 309-324 https://doi.org/10.1007/978-3-031-09070-7_26 Conference proceedings at Scopus Article at Scopus Article at WOS

On the naming of database objects in the SQL databases of some existing software
Eessaar, Erki Software engineering research in system science : proceedings of 12th Computer Science On-line Conference 2023 2023 / p. 534 - 550 https://doi.org/10.1007/978-3-031-35311-6_51 Conference Proceedings at Scopus Article at Scopus

Ontology integration : approaches and challenging issues
Osman, Ines; **Ben Yahia, Sadok**; Diallo, Gayo Information Fusion 2021 / p. 38-63 : ill https://doi.org/10.1016/j.inffus.2021.01.007 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Operating wireless sensor nodes without energy storage : experimental results with transient computing
Ahmed, Faisal; **Ahmed, Tauseef**; Muhammad, Yar; **Le Moullec, Yannick**; **Annus, Paul** Electronics 2016 / art. 89, p. 1-14 : ill https://doi.org/10.3390/electronics5040089 Journal metrics at scopus Article at Scopus Journal metrics at WOS Article at WOS

The opinions of basic school students regarding the use of telepresence robots for teaching and learning
Leoste, Janika; **Kangur, Katrin**; **Talisainen, Aleksei**; **Muoni, Karin**; **Marmor, Kristel**; **Budagov, Fuad**; Strömberg-Järvis, Kadri; Rebane, Anne-Mari; Rossi, Matti Robotics in education : proceedings of the RiE 2024 conference 2024 / p. 89-100 https://doi.org/10.1007/978-3-031-67059-6_9 Conference proceedings at Scopus Article at Scopus Article at WOS

Optimal control of automatic manipulator for elimination of galvanic line load oscillation
Autsou, Siarhei; **Rassõlkin, Anton**; **Vaimann, Toomas**; **Demidova, Galina**; Saroka, Viktor; Karpovich, Dzmitry; **Kallaste, Ants** Periodica polytechnica electrical engineering and computer science 2021 / 15 p. : ill https://doi.org/10.3311/PPee.15893 Journal metrics at Scopus Article at Scopus

Optimization of a 3D-printed permanent magnet coupling using genetic algorithm and Taguchi method
Andriushchenko, Ekaterina; **Kallaste, Ants**; **Belahcen, Anouar**; **Vaimann, Toomas**; **Rassõlkin, Anton**; **Heidari, Hamidreza**; **Tiismus, Hans** Electronics 2021 / art. 494, 16 p. : ill https://doi.org/10.3390/electronics10040494 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Pair-programming with a telepresence robot
Leoste, Janika; **Pöial, Jaanus**; **Marmor, Kristel**; Fenyvesi, Kristof; Häkkinen, Päivi Robotics in education : proceedings of the RiE 2023 conference 2023 / p. 143 - 154 https://doi.org/10.1007/978-3-031-38454-7_13 Conference Proceedings at Scopus Article at Scopus

Performance of a distributed apriori algorithm using the serverless functions of the Apollo framework
Shahin, Mahtab; Shah, Syed Attique; Sharma, Rahul; **Ghasempouri, Tara**; Poveda, Juan Aznar; Fahringer, Thomas; **Draheim, Dirk** Machine Learning Methods in Systems : proceedings of 13th Computer Science On-line Conference 2024 2024 / 12 p https://link.springer.com/book/9783031705946 https://doi.org/10.1007/978-3-031-70595-3_37 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

PPCSA: Partial Participation-Based Compressed and Secure Aggregation in Federated Learning
Moustafa, Ahmed; Asad, Muhammad; Shaukat, Saima; **Norta, Alexander** Advanced Information Networking and Applications : Proceedings of the 35th International Conference on Advanced Information Networking and Applications (AINA-2021), Volume 2 2021 / p. 345–357 https://doi.org/10.1007/978-3-030-75075-6_28 Conference proceedings at Scopus Article at Scopus

Preface
Auer, Michael E.; **Rüütmann, Tiia**; Pachatz, Wolfgang Learning in the Age of Digital and Green TransitionProceedings of the 25th International Conference on Interactive Collaborative Learning (ICL2022), Volume 1 2023 / p. vi-ix https://link.springer.com/book/10.1007/978-3-031-26876-2 Conference Proceedings at Scopus Article at Scopus

Preface
Shkarlet, Serhiy; Palagin, Alexander; Morozov, Anatoliy; **Vinnikov, Dmitri**; Stoianov, Nikolai; Zhelezniak, Mark; Kazymyr, Volodymy Mathematical Modeling and Simulation of Systems : Selected Papers of 17th International Conference, MODS, November 14-16, 2022, Chernihiv, Ukraine 2023 / p. v-vi https://link.springer.com/book/10.1007/978-3-031-30251-0 Conference Proceedings at Scopus Article at Scopus

Preface
Auer, Michael E.; **Rüütmann, Tiia**; Pachatz, Wolfgang Learning in the age of digital and green transition: proceedings of the 25th international conference on interactive collaborative learning (ICL2022), Volume 2 2023 / p. v-ix https://link.springer.com/book/10.1007/978-3-031-26190-9 Conference Proceedings at Scopus Article at Scopus

Preface
Kazymyr, Volodymyr; Morozov, Anatoliy; Palagin, Alexander; Shkarlet, Serhiy; Stoianov, Nikolai; **Vinnikov, Dmitri**; Zhelezniak, Mark Mathematical Modeling and Simulation of Systems : Selected Papers of 18th International Conference, MODS, November 13-15, 2023, Chernihiv, Ukraine 2024 / p. v-vi https://link.springer.com/book/10.1007/978-3-031-67348-1 Conference proceedings at Scopus Article at Scopus

Preface
Shkarlet, Serhiy; Morozov, Anatoliy; Palagin, Alexander; **Vinnikov, Dmitri**; Stoianov, Nikolai; Zhelezniak, Mark; Kazymyr, Volodymyr Mathematical Modeling and Simulation of Systems : Selected Papers of 16th International Scientific-practical Conference, MODS, 2021 June 28–July 01, Chernihiv, Ukraine 2022 / p. ix-x https://doi.org/10.1051/mmnp/2018041 Conference Proceedings at Scopus Article at Scopus

Preparing Master's degree students for doctoral studies - a lecturer's perspective : results of a case study of problem-based learning (PBL)
Nutt, Nele; Karu, Katrin; **Raamets, Jane** Towards a Hybrid, Flexible and Socially Engaged Higher Education : Proceedings of the 26th International Conference on Interactive Collaborative Learning (ICL2023), Volume 2 2024 / p. 355-365 https://doi.org/10.1007/978-3-031-52667-1_34 Article collection metrics at Scopus Article at Scopus Article at WOS

Problem-based learning contribution to Master's Studies in logistics and supply chain management
Janno, Jelizaveta; **Kõrbe Kaare, Kati** Mobility for Smart Cities and Regional Development - Challenges for Higher Education : proceedings of the 24th International Conference on Interactive Collaborative Learning (ICL2021), Vol. 1 2022 / p. 492-503 https://doi.org/10.1007/978-3-030-93904-5_49 Conference proceedings at Scopus Article at Scopus Article at WOS

The prospect of inclusive pedagogy in efficiency-centric governance paradigm : business and entrepreneurship teachers' perspectives
Niine, Tarvo; **Küttim, Merle**; **Semm, Kristin** Learning in the Age of Digital and Green Transition : Proceedings of the 25th International Conference on Interactive Collaborative Learning (ICL2022), Volume 2 2023 / p. 684-694 https://doi.org/10.1007/978-3-031-26190-9_72 Conference proceedings at Scopus Article at Scopus

Quasi-Z source T-type power converter for PV based commercial and industrial nanogrids with active functions strategy
Barrero-Gonzalez, Fermin; Roncero-Clemente, Carlos; Milanes-Montero, Maria Isabel; Gonzalez-Romera, Eva; Romero-Cadaval, Enrique; **Husev, Oleksandr** Electronics 2020 / art. 1233, 18 p. : ill https://doi.org/10.3390/electronics9081233 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

Regional capabilities to tackle climate change : setting a research agenda for big data driven tools
Bzhalava, Levan; Makkonen, Teemu Networks, Markets & People : Communities, Institutions and Enterprises Towards Post-humanism Epistemologies and AI Challenges, Volume 5 2024 / p. 30-37 https://doi.org/10.1007/978-3-031-74704-5_4 Conference proceedings at Scopus Article at Scopus

Reinforcing innovation and competitiveness of SMEs by new maritime clustering initiatives in South Baltic Sea region
Meyer, Christopher; **Philipp, Robert**; Gerlitz, Laima Reliability and statistics in transportation and communication : Selected Papers from the 20th International Conference on Reliability and Statistics in Transportation and Communication, RelStat'20, 14-17 October 2020, Riga, Latvia 2021 / p. 633−648 https://doi.org/10.1007/978-3-030-68476-1_59 Conference proceedings at Scopus Article at Scopus

Reliability of electroencephalogram-based individual markers - case study
Uudeberg, Tuuli; **Päeske, Laura**; **Hinrikus, Hiie**; **Lass, Jaanus**; **Bachmann, Maie** 2020 42nd Annual International Conference of the IEEE Engineering in Medicine & Biology Society (EMBC) 2020 / p. 276 - 279 https://doi.org/10.1109/EMBC44109.2020.9175274 Conference Proceedings at Scopus Article at Scopus Article at WOS

Ring-oscillator with multiple transconductors for linear analog-to-digital conversion
Alvero-Gonzalez, Leidy Mabel; Medina, Victor; **Kampus, Vahur**; Paton, Susana; Hernandez, Luis; Gutierrez, Eric Electronics (Switzerland) 2021 / art. 1408 https://doi.org/10.3390/electronics10121408 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Risk assessment of logistics hub development along green transport corridors : the case of Paldiski port
Kitzmann, Harald; Falko, Sergei; **Prause, Gunnar Klaus** Reliability and statistics in transportation and communication : Selected Papers from the 19th International Conference on Reliability and Statistics in Transportation and Communication, RelStat'19, 16-19 October 2019, Riga, Latvia 2020 / p. 341-350 https://doi.org/10.1007/978-3-030-44610-9_34 Article collection metrics at Scopus Article at Scopus

Robust design optimization of electrical machines and devices : editorial
Orosz, Tamas; Panek, David; **Rassõlkin, Anton**; Kuczmann, Miklos Electronics 2022 / art. 1427 https://doi.org/10.3390/electronics11091427 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Robust detectors for cognitive radio system
Trump, Tõnu; **Khan, Imtiyaz** EURASIP journal on wireless communications and networking 2015 / p. 1-16 : ill https://doi.org/10.1186/s13638-015-0487-y 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

Runtime contention and bandwidth-aware adaptive routing selection strategies for networks-on-chip
Samman, Faizal; **Hollstein, Thomas**; Glesner, Manfred IEEE transactions on parallel and distributed systems 2013 / p. 1411-1421 : ill https://doi.org/10.1109/TPDS.2012.200 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Russian river shipping : evolution and perspectives
Molotov, Mikhail; Philipp, Robert; **Prause, Gunnar Klaus** Reliability and Statistics in Transportation and Communication : selected papers from the 21st International Multidisciplinary Conference on Reliability and Statistics in Transportation and Communication, RelStat2021, 14-15 October 2021, Riga, Latvia 2022 / p. 259–269 https://doi.org/10.1007/978-3-030-96196-1_23 Conference proceedings at Scopus Article at Scopus Article at WOS

Safety system assessment case study of automated vehicle shuttle
Pikner, Heiko; **Sell, Raivo**; **Majak, Jüri**; **Karjust, Kristo** Electronics (Switzerland) 2022 / art. 1162 https://doi.org/10.3390/electronics11071162 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The scarcity and competence gaps of teaching logistics in top European business schools
Niine, Tarvo; **Küttim, Merle**; **Nuus, Rasmus**; **Tuisk, Tarmo** Towards a Hybrid, Flexible and Socially Engaged Higher Education : Proceedings of the 26th International Conference on Interactive Collaborative Learning (ICL2023), Volume 2 2024 / p. 270–277 https://doi.org/10.1007/978-3-031-52667-1_27 Conference proceedings at Scopus Article at Scopus Article at WOS

Service design for trans-national smart supply chains
Gerasimova, Vera; **Philipp, Robert**; **Prause, Gunnar Klaus** Reliability and statistics in transportation and communication : Selected Papers from the 20th International Conference on Reliability and Statistics in Transportation and Communication, RelStat'20, 14-17 October 2020, Riga, Latvia 2021 / p. 377-388 https://doi.org/10.1007/978-3-030-68476-1_35 Conference proceedings at Scopus Article at Scopus

Significant factors extraction : a combined logistic regression and apriori association rule mining approach
Shahin, Mahtab; Burtl, Markus; **Heidari Iman, Mohammad Reza**; **Ghasempouri, Tara**; **Sharma, Rahul**; Shah, Syed Attique; Draheim, Dirk Machine Learning Methods in Systems : proceedings of 13th Computer Science On-line Conference 2024 ; Vol. 4 2024 / p. 295-311 https://link.springer.com/book/9783031705946 https://doi.org/10.1007/978-3-031-70595-3_30 Conference proceeding at Scopus Article at Scopus Article at WOS

Single channel EEG analysis for detection of depression
Bachmann, Maie; **Lass, Jaanus**; **Hinrikus, Hiie** Biomedical signal processing and control 2017 / p. 391-397 : ill https://doi.org/10.1016/j.bspc.2016.09.010 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Small and medium-sized seaports on the digital track : tracing digitalisation across the South Baltic region by innovative auditing procedures
Philipp, Robert; Gerlitz, Laima; Moldabekova, Aisulu Reliability and statistics in transportation and communication : Selected Papers from the 19th International Conference on Reliability and Statistics in Transportation and Communication, RelStat'19, 16-19 October 2019, Riga, Latvia 2020 / p. 351-362 https://doi.org/10.1007/978-3-030-44610-9_35 Article collection metrics at Scopus Article at Scopus

Smart city and smart port concepts : a conceptualisation for digital small and medium-sized port-city innovation ecosystems
Meyer, Christopher; Gerlitz, Laima; Prause, Gunnar Klaus RelStat-2023 : Reliability and Statistics in Transportation and Communication : selected papers 2024 / p. 41-53 https://doi.org/10.1007/978-3-031-53598-7_4 Conference proceedings at Scopus Article at Scopus

Socio-Economic aspects of free public transport
Tuisk, Tarmo; **Prause, Gunnar Klaus** Reliability and Statistics in Transportation and Communication : Selected Papers from the 18th International Conference on Reliability and Statistics in Transportation and Communication, RelStat'18, 17-20 October 2018, Riga, Latvia 2019 / p. 3-13 https://doi.org/10.1007/978-3-030-12450-2_1 Conference proceedings at Scopus Article at Scopus

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

Study of electrode locations for joint acquisition of impedance- and electro-cardiography signals
Metshein, Margus; Gautier, Antoine; Larras, Benoit; Frappe, Antoine; John, Deepu; Cardiff, Barry; **Annus, Paul**; **Land, Raul**; **Märtens, Olev** 2021 43rd Annual International Conference of the IEEE Engineering in Medicine & Biology Society (EMBC) Oct 31 - Nov 4, 2021 : virtual conference 2021 / p. 7264-7267 : ill https://doi.org/10.1109/EMBC46164.2021.9629504 Conference Proceedings at Scopus Article at Scopus Article at WOS

A systematic literature review on applicability of robot assistants in higher education
Budagov, Fuad; **Leoste, Janika**; **Meeran, Mohammad Tariq**; **Robal, Tarmo** Methodologies and Intelligent Systems for Technology Enhanced Learning : MIS4TEL 2024 2024 / p. 21-32 https://doi.org/10.1007/978-3-031-73538-7_3 Conference proceedings at Scopus Article at Scopus Article at WOS

Telepresence robots in higher education - the current state of research
Leoste, Janika; **Kikkas, Kaido**; **Tammemäe, Kalle**; **Rebane, Martin**; **Laugasson, Edmund**; **Hakk, Kristiina** Robots in education : RiE 2022 2022 / p. 124-134 https://doi.org/10.1007/978-3-031-12848-6_12 Conference proceedings at Scopus Article at Scopus Article at WOS

TermX—bridging the Gap: implementing CTS2 and FHIR compatible terminology server
Ivanova, Marina; **Bossenko, Igor**; **Piho, Gunnar** Proceedings of Ninth International Congress on Information and Communication Technology, ICICT 2024, London. Volume 1 2024 / p. 277-287 : ill https://doi.org/10.1007/978-981-97-4581-4_20 Conference proceedings at Scopus Article at Scopus Article at WOS

The 2016 BBN Georgian telephone speech keyword spotting system
Alumäe, Tanel; Karakos, Damianos; Hartmann, William 2017 IEEE International Conference on Acoustics, Speech, and Signal Processing : proceedings : March 5-9, 2017, Hilton New Orleans Riverside, New Orleans, Louisiana, USA 2017 / p. 5755-5759 : tab https://doi.org/10.1109/ICASSP.2017.7953259 Conference proceedings at Scopus Article at Scopus Article at WOS

The role of reverse logistics in the transition to a circular economy
Makarova, Irina; Shubenkova, Ksenia; **Pashkevich, Anton**; Shepelev, Vladimir Reliability and Statistics in Transportation and Communication : Selected Papers from the 18th International Conference on Reliability and Statistics in Transportation and Communication, RelStat'18, 17-20 October 2018, Riga, Latvia 2019 / p. 363–373 https://doi.org/10.1007/978-3-030-12450-2_35 Conference proceedings at Scopus Article at Scopus

The socio-economic impact of green shipping: a holistic view from the Baltic Sea region
Prause, Gunnar Klaus; **Reinhold, Karin**; **Järvis, Marina**; **Olaniyi, Eunice Omolola**; **Tint, Piia** Reliability and Statistics in Transportation and Communication : Selected Papers from the 18th International Conference on Reliability and Statistics in Transportation and Communication, RelStat'18, 17-20 October 2018, Riga, Latvia 2019 / p. 615-624 https://doi.org/10.1007/978-3-030-12450-2_59 Conference proceedings at Scopus Article at Scopus

Topological review of quasi-switched boost inverters
Barath, Jayakumar Geetha Nataraj; Soundarrajan, Ayyasamy; Stepenko, Serhii; **Husev, Oleksandr**; **Vinnikov, Dmitri**; Nguyen, Minh-Khai Electronics 2021 / art. 1485 https://doi.org/10.3390/electronics10121485 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Towards early public health emergency anticipating with emerging non-health data per se
Semassel, Imed Eddine; **Ben Yahia Sadok** 12th International Conference on Information Systems and Advanced Technologies "ICISAT 2022" : Intelligent Information, Data Science and Decision Support System 2023 / p. 530 - 546 https://doi.org/10.1007/978-3-031-25344-7_49 Conference Proceedings at Scopus Article at Scopus

Transnational RIS3 observatory model for smart specialisation monitoring on regional, national and european level
Meyer, Christopher Reliability and statistics in transportation and communication : Selected Papers from the 20th International Conference on Reliability and Statistics in Transportation and Communication, RelStat'20, 14-17 October 2020, Riga, Latvia 2021 / p. 749-757 https://doi.org/10.1007/978-3-030-68476-1_69 Conference Proceedings at Scopus Article at Scopus

Tremor-related feature engineering for machine learning based Parkinson's disease diagnostics
Valla, Elli; **Nõmm, Sven**; Medijainen, Kadri; Taba, Pille; Toomela, Aaro Biomedical signal processing and control 2022 / art. 103551 https://doi.org/10.1016/j.bspc.2022.103551 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Understanding the potential of telepresence robots in higher education learning : a case study
Leoste, Janika; **Talisainen, Aleksei**; **Pöial, Jaanus**; **Kangur, Katrin**; **Kasuk, Tiina**; **Parts, Joosep** Advances in Information and Communication Proceedings of the 2024 Future of Information and Communication Conference (FICC), Volume 1 2024 / p. 694-704 https://doi.org/10.1007/978-3-031-53960-2_45 Conference Proceedings at Scopus Article at Scopus

Updated curriculum for engineering pedagogical continuing in-service education
Rüütmann, Tiia; **Annus, Ivar**; **Kübarsepp, Jakob**; Läänemets, Urve; Umborg, Jaak Mobility for Smart Cities and Regional Development - Challenges for Higher Education : proceedings of the 24th International Conference on Interactive Collaborative Learning (ICL2021), Volume 2 2022 / p. 556-567 https://doi.org/10.1007/978-3-030-93907-6_59 Conference proceedings at Scopus Article at Scopus Article at WOS

The usage of declarative integrity constraints in the SQL databases of some existing software
Eessaar, Erki Software Engineering and Algorithms : Proceedings of 10th Computer Science On-line Conference 2021, Vol. 1 2021 / p. 375–390 https://doi.org/10.1007/978-3-030-77442-4_33 Conference proceedings at Scopus Article at Scopus

Using telepresence robots for ICT consultancy
Leoste, Janika; **Pöial, Jaanus**; **Rebane, Martin**; **Marmor, Kristel**; **Tammemäe, Kalle** Towards a hybrid, flexible and socially engaged higher education 2024 / p. 157-168 https://doi.org/10.1007/978-3-031-52667-1_17 Comference proceedings at Scopus Article at Scopus Article at WOS

A web-based economic decision tool for abatement investments for shipping industry
Bakkar, Yassine; **Robal, Tarmo**; **Prause, Gunnar Klaus** Reliability and statistics in transportation and communication : Selected Papers from the 19th International Conference on Reliability and Statistics in Transportation and Communication, RelStat'19, 16-19 October 2019, Riga, Latvia 2020 / p. 363−373 https://doi.org/10.1007/978-3-030-44610-9_36 Article collection metrics at Scopus Article at Scopus

Wide-range operation of high step-up DC-DC converters with multimode rectifiers
Chub, Andrii; **Vinnikov, Dmitri**; **Korkh, Oleksandr**; **Jalakas, Tanel**; **Demidova, Galina** Electronics 2021 / art. 914, 20 p. : ill https://doi.org/10.3390/electronics10080914 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Work-in-progress : exploring psychological and behavioural differences between university IT student segments formed based on dropout time and academic performance
Puudist, Eerik Sven; **Luberg, Ago**; Aus, Kati Learning in the Age of Digital and Green Transition : Proceedings of the 25th International Conference on Interactive Collaborative Learning (ICL2022), Volume 2 2023 / p. 590-596 https://doi.org/10.1007/978-3-031-26190-9_62 Conference proceedings at Scopus Article at Scopus