

### **Abduction and diagrams**

**Pietarinen, Ahti-Veikko** Logic journal of the IGPL 2020 / p. 447-468 <https://doi.org/10.1093/jigpal/jzz034> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Abstract categorical semantics for resourceful functional reactive programming**

**Jeltsch, Wolfgang** Journal of logical and algebraic methods in programming 2016 / p. 1177-1200 : ill <https://doi.org/10.1016/j.jlamp.2016.07.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **AC magnetic loss reduction of SLM processed Fe-Si for additive manufacturing of electrical machines**

**Tiismus, Hans; Kallaste, Ants; Belahcen, Anouar; Tarraste, Marek; Vaimann, Toomas; Rassõlkin, Anton; Asad, Bilal; Ghahfarokhi, Payam Shams** Energies 2021 / 13 p. : ill <https://doi.org/10.3390/en14051241> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Accessibility and orbits for discrete-time nonlinear control systems**

**Bartosiewicz, Zbigniew; Kotta, Ülle; Wyrwas, Malgorzata** 60th IEEE Conference on Decision and Control, CDC 2021, Austin, 13-17 December 2021 2021 / p. 4594-4601 <https://doi.org/10.1109/CDC45484.2021.9682853> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Accessibility and presentability in 2-categories**

**Di Liberti, Ivan; Loregian, Fosco** Journal of pure and applied algebra 2023 / art. 107155, 25 p <https://doi.org/10.1016/j.jpaa.2022.107155> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Accessibility conditions of MIMO nonlinear control systems on homogeneous time scales**

**Bartosiewicz, Zbigniew; Kotta, Ülle; Tönso, Maris; Wyrwas, Malgorzata** 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](#)

### **Accessible battery model with aging dependency**

**Savard, Christophe; Iakovleva, Emiliia; Ivanchenko, Daniil; Rassõlkin, Anton** Energies 2021 / art. 3493, 16 p <https://doi.org/10.3390/en14123493> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Accurate sea surface heights from Sentinel-3A and Jason-3 retracers by incorporating high-resolution marine geoid and hydrodynamic models**

**Mostafavi, Majid; Delpeche-Elmann, 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](#)

### **Acoustic noise computation of electrical motors using the boundary element method**

**Sathyan, Sabin; Aydin, Ugur; Belahcen, Anouar** Energies 2020 / art. 0245 <https://doi.org/10.3390/en13010245> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Acyclicity conditions on pasting diagrams**

**Hadzihanovic, Amar; Kessler, Diana-Maria** Applied categorical structures 2024 / art. 31 <https://doi.org/10.1007/s10485-024-09784-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Adaptability, interpretability and rule weights in fuzzy rule-based systems**

**Riid, Andri; Rüstern, Ennu** Information sciences 2014 / p. 301-312 : ill <https://doi.org/10.1016/j.ins.2012.12.048> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Additive Manufacturing and Performance of E-Type Transformer Core**

**Tiismus, Hans; Kallaste, Ants; Belahcen, Anouar; Rassõlkin, Anton; Vaimann, Toomas; Ghahfarokhi, Payam Shams** Energies 2021 / art. 3278 <https://doi.org/10.3390/en14113278> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Additive manufacturing of electrical machines - towards the industrial use of a novel technology**

**Vaimann, Toomas; Kallaste, Ants** Energies 2023 / art. 544 <https://doi.org/10.3390/en16010544> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Adjoint functor theorems for lax-idempotent pseudomonads**

**Arkor, Nathanael; Di Liberti, Ivan; Loregian, Fosco** Theory and Applications of Categories 2024 / p. 667-685 <http://www.tac.mta.ca/tac/volumes/41/20/41-20.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **An advanced diagnostic approach for broken rotor bar detection and classification in DTC controlled induction motors by leveraging dynamic SHAP interaction feature selection (DSHAP-IFS) GBDT methodology**

**Khan, Muhammad Amir; Asad, Bilal; Vaimann, Toomas; Kallaste, Ants** Machines 2024 / art. 495 <https://doi.org/10.3390/machines12070495> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Advances in climatic form finding in architecture and urban design**

**De Luca, Francesco** Energies 2023 / art. 3935 <https://doi.org/10.3390/en16093935> [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](#)

### **Agile software engineering methodology for information systems' integration projects**

**Taveter, Kuldar; Norta, Alexander** Future Data and Security Engineering : 4th International Conference, FDSE 2017, Ho Chi Minh City, Vietnam, November 29 - December 1, 2017 : proceedings 2017 / p. 215-230 : ill [https://doi.org/10.1007/978-3-319-70004-5\\_15](https://doi.org/10.1007/978-3-319-70004-5_15)  
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Air distribution and air handling unit configuration effects on energy performance in an air-heated ice rink arena**

**Taebnia, Mehdi; Toomla, Sander; Leppä, Lauri; Kurnitski, Jarek** Energies 2019 / art. 693, 21 p. : ill <https://doi.org/10.3390/en12040693>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Algebraic and coalgebraic perspectives on interaction laws**

**Uustalu, Tarmo; Voorneveld, Niels** Programming Languages and Systems : 18th Asian Symposium, APLAS 2020, Fukuoka, Japan, November 30 – December 2, 2020 : proceedings 2020 / p. 186-205 [https://doi.org/10.1007/978-3-030-64437-6\\_10](https://doi.org/10.1007/978-3-030-64437-6_10) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

### **An "almost dual" to Gottschalk's conjecture**

**Capobianco, Silvio;** Kari, Jarkko; Taati, Siamak Cellular Automata and Discrete Complex Systems : 22nd IFIP WG 1.5 International Workshop, AUTOMATA 2016, Zurich, Switzerland, June 15-17, 2016 : proceedings 2016 / p. 77-89 : ill [https://doi.org/10.1007/978-3-319-39300-1\\_7](https://doi.org/10.1007/978-3-319-39300-1_7) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Ammonia production as alternative energy for the Baltic Sea Region**

**Prause, Gunnar Klaus;** Olaniyi, Eunice Omolola; **Gerstlberger, Wolfgang Dieter** Energies 2023 / art. 1831 <https://doi.org/10.3390/en16041831> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Analysing robustness of tiny deep neural networks**

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

### **Analysis of fault-tolerant operation capabilities of an isolated bidirectional current-source DC–DC converter**

**Blinov, Andrei; Kosenko, Roman; Chub, Andrii;** Ivakhno, Volodymyr Energies 2019 / art. 3203, p. 14 : ill <https://doi.org/10.3390/en12163203> [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 waters, 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](#)

### **Analysis of traditional and alternative methods for solving voltage problems in low voltage grids : an Estonian case study**

**Rosin, Argo; Drovtar, Imre; Mölder, Heigo; Haabel, Kaija; Astapov, Victor; Vinnal, Toomas; Korõtko, Tarmo** Energies 2022 / art. 1104 <https://doi.org/10.3390/en15031104> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Analyzing eID public acceptance and user preferences for current authentication options in Estonia**

**Tsap, Valentyna; Lips, Silvia; Draheim, Dirk** Electronic Government and the Information Systems Perspective : 9th International Conference, EGOVIS 2020, Bratislava, Slovakia, September 14-17, 2020 : proceedings 2020 / p. 159-173 [https://doi.org/10.1007/978-3-030-58957-8\\_12](https://doi.org/10.1007/978-3-030-58957-8_12) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

### **Analyzing meta-heuristic algorithms for task scheduling in a fog-based IoT application**

**Rahbari, Dadmehr** Algorithms 2022 / art. 397 <https://doi.org/10.3390/a15110397> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Analytical approach for maximizing self-consumption of nearly zero energy buildings- case study : Baltic region**

**Ahmadihangar, Roya;** Karami, Hossein; **Husev, Oleksandr; Blinov, Andrei; Rosin, Argo;** Jonaitis, Audrius; Sanjari,

Mohammad Javad Energy 2022 / art. 121744, 11 p. : ill <https://doi.org/10.1016/j.energy.2021.121744> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Anonymization methods of structured health care data : a literature review**

**Vovk, Olga; Piho, Gunnar; Ross, Peeter** Model and Data Engineering : 10th International Conference, MEDI 2021, Tallinn, Estonia, June 21–23, 2021 : proceedings 2021 / p. 175-189 [https://doi.org/10.1007/978-3-030-78428-7\\_14](https://doi.org/10.1007/978-3-030-78428-7_14) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

#### **Anti-money laundering powered by graph machine learning: 'Show me your friends and I will tell you who you are'**

**Astrova, Irina** Intelligent decision technologies 2023 / p. 243-261 <https://doi.org/10.3233/IDT-220193> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Application of artificial intelligence and machine learning for BIM : review**

Bassir, David; Lodge, Hugo; Chang, Haochen; **Majak, Jüri**; Chen, Gonfa International journal for simulation and multidisciplinary design optimization 2023 / art. 5 <https://doi.org/10.1051/smdo/2023005> [Journal metrics at Scopus](#) [Article at Scopus](#)

#### **Application of artificial neural networks to model the interaction between T-cells and B-cells and their equivalent impedance of the linearized model**

**Giannoukos, Georgios; Min, Mart** Journal of computational methods in sciences and engineering 2015 / p. 295-302 <https://doi.org/10.3233/JCM-150544> [Journal metrics at Scopus](#) [Article at Scopus](#)

#### **Application of higher order Haar wavelet method for solving nonlinear evolution equations**

**Ratas, Mart; Salupere, Andrus** Mathematical modelling and analysis 2020 / p. 271-288 <https://doi.org/10.3846/mma.2020.11112> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Applications of 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 game theory to design and operation of modern power systems: a comprehensive review**

Navon, Aviad; Yosef, Gefen Ben; Machlev, Ram; Shapira, Shmuel; Chowdhury, Nilanjan Roy; **Belikov, Juri**; Orda, Ariel; Levron, Yoash Energies 2020 / art. 3982, 34 p <https://doi.org/10.3390/en13153982> [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](https://doi.org/10.1007/978-3-030-68150-0_7) [Article collection metrics at Scopus](#) [Article at Scopus](#)

#### **Aqueous mineral carbonation of oil shale mine waste (limestone) : a feasibility study to develop a CO2 capture sorbent**

**Puthiya Veetil, Sanoop Kumar; Rebane, Kaarel; Yörük, Can Rüstü; Lopp, Margus; Trikkel, Andres; Hitch, Michael William** Energy 2021 / art. 119895 <https://doi.org/10.1016/j.energy.2021.119895> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Are survey data underestimating the inequality of wealth?**

Meriküll, Jaanika; **Rõõm, Tairi** Empirical economics 2022 / p. 339-374 <https://doi.org/10.1007/s00181-021-02030-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Are the current system engineering practices sufficient to meet cyber crime?**

**Buldas, Ahto**; Saarepera, Märt Human Aspects of Information Security, Privacy and Trust : 5th International Conference, HAS 2017 : held as part of HCI International 2017, Vancouver, BC, Canada, July 9–14, 2017 : proceedings 2017 / p. 451-463 [https://doi.org/10.1007/978-3-319-58460-7\\_31](https://doi.org/10.1007/978-3-319-58460-7_31) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Armor materials' behavior under repetitive dense plasma shots**

Shirokova, Veronika; Laas, Tõnu; **Mikli, Valdek** Physica scripta 2014 / Art. 014045, 5 p. : ill <https://doi.org/10.1088/0031-8949/2014/T161/014045> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

#### **Art and automation of teaching malware reverse engineering**

**Lepik, Toomas; Maennel, Kaie; Ernits, Margus; Maennel, Olaf Manuel** Learning and Collaboration Technologies : Learning and Teaching : 5th International Conference : LCT 2018, Held as Part of HCI International 2018, Las Vegas, NV, USA, July 15-20, 2018 : Proceedings, Part II 2018 / p. 461-472 [https://doi.org/10.1007/978-3-319-91152-6\\_35](https://doi.org/10.1007/978-3-319-91152-6_35) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

#### **Articulation during voice disguise: a pilot study**

Tavi, Lauri; Kinnunen, Tomi; **Meister, Einar**; Gonzalez-Hautamäki, Rosa; **Malmi, Anton** Speech and Computer : 23rd International Conference, SPECOM 2021, St. Petersburg, Russia, September 27-30, 2021 : proceedings 2021 / p. 680-691 [https://doi.org/10.1007/978-3-030-87802-3\\_61](https://doi.org/10.1007/978-3-030-87802-3_61) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Artificial intelligence in the defence sector**

**Carlo, Antonio** Modelling and Simulation for Autonomous Systems : 7th International Conference, MESAS 2020, Prague, Czech Republic, October 21, 2020, Revised Selected Papers 2021 / p. 269-278 [https://doi.org/10.1007/978-3-030-70740-8\\_17](https://doi.org/10.1007/978-3-030-70740-8_17) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

### **Artificial intelligence use in e-Government services : a systematic interdisciplinary literature review**

**Dreyling III, Richard Michael; Tammet, Tanel; Pappel, Ingrid** Future Data and Security Engineering : Big Data, Security and Privacy, Smart City and Industry 4.0 Applications : 9th International Conference, FDSE 2022, Ho Chi Minh City, Vietnam, November 23-25, 2022 : proceedings 2022 / p. 547-559 [https://doi.org/10.1007/978-981-19-8069-5\\_37](https://doi.org/10.1007/978-981-19-8069-5_37) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Artificial lateral line for aquatic habitat modelling: An example for Lefua echigonia**

**Garcia-Vega, Ana; Fuentes-Perez, Juan Francisco; Fukuda, Shinji; Kruusmaa, Maarja; Sanz-Ronda, Francisco Javier; Tuhtan, Jeffrey Andrew** Ecological Informatics 2021 / art. 101388 <https://doi.org/10.1016/j.ecoinf.2021.101388> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Ash and flue gas from oil shale oxy-fuel circulating fluidized bed combustion**

**Loo, Lauri; Konist, Alar; Nešumajev, Dmitri; Pihu, Tõnu; Maaten, Birgit; Siirde, Andres** Energies 2018 / art. 1218, 12 p. : ill <https://doi.org/10.3390/en11051218> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Aspect-oriented Model-based testing with UPPAAL timed automata**

**Vain, Jüri; Tsiopoulos, Leonidas; Kanter, Gert** Model and Data Engineering : 10th International Conference, MEDI 2021, Tallinn, Estonia, June 21–23, 2021 : proceedings 2021 / p. 117-124 [https://doi.org/10.1007/978-3-030-78428-7\\_10](https://doi.org/10.1007/978-3-030-78428-7_10) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Aspects of personal data protection from state and citizen perspectives - case of Georgia**

**Tsulukidze, Mariam; Nyman-Metcalf, Katrin Merike; Tsap, Valentyna; Pappel, Ingrid; Draheim, Dirk** Digital Transformation for a Sustainable Society in the 21st Century 18th IFIP WG 6.11 : Conference on e-Business, e-Services, and e-Society, I3E 2019 Trondheim, Norway, September 18–20, 2019 : proceedings 2019 / p. 476-488 [https://doi.org/10.1007/978-3-030-29374-1\\_39](https://doi.org/10.1007/978-3-030-29374-1_39) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

### **Aspects of using telepresence robot in a higher education STEAM workshop**

**Leoste, Janika; Virkus, Sirje; Kasuk, Tiina; Talisainen, Aleksei; Kangur, Katrin;** Tolmos, Piedad Information Integration and Web Intelligence. iiWAS 2022 2022 / p. 18-28 [https://doi.org/10.1007/978-3-031-21047-1\\_2](https://doi.org/10.1007/978-3-031-21047-1_2) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings 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](#)

### **Assertive and existential graphs : a comparison**

**Pietarinen, Ahti-Veikko; Chiffi, Daniele** Diagrammatic Representation and Inference : 10th International Conference, Diagrams 2018, Edinburgh, UK, June 18–22, 2018 : proceedings 2018 / p. 565-581 [https://doi.org/10.1007/978-3-319-91376-6\\_51](https://doi.org/10.1007/978-3-319-91376-6_51) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Assertive graphs**

**Bellucci, Francesco; Chiffi, Daniele; Pietarinen, Ahti-Veikko** Journal of applied non-classical logics 2018 / p. 72–91 <https://doi.org/10.1080/11663081.2017.1418101> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Assessment of aviation security risk management for airline turnaround processes**

**Matulevičius, Raimundas; Norta, Alexander; Udokwu, Chibuzor; Nõukas, Rein** Transactions on large-scale data- and knowledge-centered systems XXXVI : special issue on data and security engineering 2017 / p. 109-141 : ill [https://doi.org/10.1007/978-3-662-56266-6\\_6](https://doi.org/10.1007/978-3-662-56266-6_6) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Assessment of malicious tweets impact on stock market prices**

**Ishikawa, Tatsuki; Ben Sassi, Imen; Ben Yahia, Sadok** Research Challenges in Information Science : 15th International Conference, RCIS 2021, Limassol, Cyprus, May 11–14, 2021 : proceedings 2021 / p. 330–346 [https://doi.org/10.1007/978-3-030-75018-3\\_22](https://doi.org/10.1007/978-3-030-75018-3_22) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Assessment of power system asset dispatch under different local energy community business models**

**Korõtko, Tarmo; Plaum, Freddy; Häring, Tobias; Mutule, Anna; Lazdins, Roberts; Borševskis, Olegs; Rosin, Argo; Carroll, Paula** Energies 2023 / art. 3476 <https://doi.org/10.3390/en16083476> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Assessment of the eID ecosystem as a part of the state's critical infrastructure : the case of Estonia**

**Bejussova, Karolina; Lips, Silvia; Ahmed, Rozha Kamal; Draheim, Dirk** Electronic Government and the Information Systems

Perspective : 13th International Conference, EGOVIS 2024, Naples, Italy, August 26–28, 2024, Proceedings 2024 / p. 88 - 102  
[https://doi.org/10.1007/978-3-031-68211-7\\_8](https://doi.org/10.1007/978-3-031-68211-7_8) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Asymmetric exchange rate exposure of stock returns : empirical evidence from Chinese industries**

**Cuestas, Juan Carlos**; Tang, Bo Studies in nonlinear dynamics & econometrics 2017 / art. 20160042, p. 1-21 : ill  
<https://doi.org/10.1515/snde-2016-0042> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Attacker profiling in quantitative security assessment based on attack trees**

**Lenin, Aleksandr**; Willemson, Jan; **Sari, Dyan Permata** Secure IT Systems : 19th Nordic Conference, NordSec 2014, Tromsø, Norway, October 15–17, 2014, Proceedings 2014 [https://doi.org/10.1007/978-3-319-11599-3\\_12](https://doi.org/10.1007/978-3-319-11599-3_12) [Article collection metrics at Scopus](#) [Article at Scopus](#)

**Author correction: A global database for metacommunity ecology, integrating species, traits, environment and space (Scientific Data, (2020), 7, 1, (6), 10.1038/s41597-019-0344-7)**

Jeliazkov, Alienor; Mijatovic, Darko; Chantepie, Stéphane; Andrew, Nigel; Arlettaz, Raphaël; Barbaro, Luc; Barsoum, Nadia; Bartonova, Alena; **Reitalu, Triin** Scientific Data 2020 / Art. 79 <https://doi.org/10.1038/s41597-020-0420-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Automata and coalgebras in categories of Species**

**Loregian, Fosco** Coalgebraic Methods in Computer Science : 17th IFIP WG 1.3 International Workshop, CMCS 2024, Colocated with ETAPS 2024, Luxembourg City, Luxembourg, April 6–7, 2024, Proceedings 2024 / p. 65-92 [https://doi.org/10.1007/978-3-031-66438-0\\_4](https://doi.org/10.1007/978-3-031-66438-0_4) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Automating detection of occurrences of postgresSQL database design problems**

**Eessaar, Erki** Databases and Information Systems : 14th International Baltic Conference, DB&IS 2020, Tallinn, Estonia, June 16-19, 2020 : Proceedings 2020 / p. 176-189 [https://doi.org/10.1007/978-3-030-57672-1\\_14](https://doi.org/10.1007/978-3-030-57672-1_14) [Conference proceeding at Scopus](#) [Article at Scopus](#)

**Automatization of cross-border customs declaration : potential and challenges : a case study of the Estonian customs authority**

**Liutkevičius, Markko**; **Pappel, Karl Ivory**; **Butt, Sidra Azmat**; **Pappel, Ingrid** Electronic Government : 19th IFIP WG 8.5 International Conference, EGOV 2020, Linköping, Sweden, August 31 - September 2, 2020 : proceedings 2020 / p. 96-109 [https://doi.org/10.1007/978-3-030-57599-1\\_8](https://doi.org/10.1007/978-3-030-57599-1_8) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

**Autothermal Siberian pine nutshell pyrolysis maintained by exothermic reactions**

Astafev, Alexander; Shantenkov, Ivan; Ibraeva, Kanipa; Tabakaev, Roman; **Preis, Sergei** Energies 2022 / art. 7118  
<https://doi.org/10.3390/en15197118> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Back-calculation of elastic moduli of a ply from the moduli of cross-ply laminates**

**Lasn, Kaspar**; **Klauson, Aleksander**; Echtermeyer, Andreas T. Mechanics of composite materials 2015 / p. 55-68 : ill  
<https://doi.org/10.1007/s11029-015-9476-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Batch and fed-batch ethanol fermentation of cheese-whey powder with mixed cultures of different yeasts**

Farkas, Csilla; Rezessy-Szabo, Judit M.; **Gupta, Vijai Kumar**; Bujna, Erika; Pham, Tuan M.; Pásztor-Huszár, K.; Friedrich, László; Bhat, Rajeev; Thakur, Vijay Kumar; Nguyen, Quang D. Energies 2019 / Art. 4495 <https://doi.org/10.3390/en12234495> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Battery storage technologies for electrical applications : impact in stand-alone photovoltaic systems**

Akinyele, Daniel; **Belikov, Juri**; Levron, Yoash Energies 2017 / art. 1760, 39 p. : ill <https://doi.org/10.3390/en10111760> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A Bayesian multinomial regression model for palaeoclimate reconstruction with time uncertainty**

Ilvonen, Liisa; Holmström, Lasse; Seppä, Heikki; **Veski, Siim** Environmetrics 2016 / p. 409-422 : ill <https://doi.org/10.1002/env.2393> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A bayesian spatiotemporal model for reconstructing climate from multiple pollen records**

Holmström, Lasse; Ilvonen, Liisa; Seppä, Heikki; **Veski, Siim** Annals of Applied Statistics 2015 / p. 1194 - 1225  
<https://doi.org/10.1214/15-AOAS832> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The bearing faults detection methods for electrical machines — the state of the art**

Khan, Muhammad Amir; **Asad, Bilal**; **Kudelina, Karolina**; **Vaimann, Toomas**; **Kallaste, Ants** Energies 2023 / art. 296  
<https://doi.org/10.3390/en16010296> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**BERT and Word embedding for interest mining of Instagram users**

Hamdi, Sana; Hamdi, Ahmed; **Ben Yahia, Sadok** Advances in Computational Collective Intelligence : 14th International Conference, ICCCI 2022, Hammamet, Tunisia, September 28-30, 2022, Proceedings 2022 / p. 123 - 136 [https://doi.org/10.1007/978-3-031-16210-7\\_10](https://doi.org/10.1007/978-3-031-16210-7_10) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Beta assertive graphs**

Bellucci, Francesco; **Chiffi, Daniele; Pietarinen, Ahti-Veikko** Diagrammatic representation and inference : 11th International Conference, Diagrams 2020, Tallinn, Estonia, August 24–28, 2020 : proceedings 2020 / p. 525-529 [https://doi.org/10.1007/978-3-030-54249-8\\_49](https://doi.org/10.1007/978-3-030-54249-8_49) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings 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](#)

### **Bialgebraic foundations for the operational semantics of string diagrams**

Bonchi, Filippo; Piedeleu, Robin; **Sobocinski, Pawel Maria**; Zanasi, Fabio Information and computation 2021 / art. 104767, 22 p <https://doi.org/10.1016/j.ic.2021.104767> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Bicategories in univalent foundations**

Ahrens, Benedikt; Frumin, Dan; Maggesi, Marco; **Veltri, Niccolò**; Weide, Niels van der Mathematical Structures in Computer Science 2022 <https://doi.org/10.1017/S0960129522000032> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Bidirectional twisted single-stage single-phase buck-boost DC-AC converter**

**Husev, Oleksandr; Matiushkin, Oleksandr**; Roncero-Clemente, Carlos; **Vinnikov, Dmitri**; Chopyk, Vasiliy Energies 2019 / art. 3505, 14 p. : ill <https://doi.org/10.3390/en12183505> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Bing-CF-IDF+ : a semantics-driven news recommender system**

Brocken, Emma; Hartveld, Aron; Koning, Emma de; Hogenboom, Frederik; Frasinicar, Flavius; **Robal, Tarmo** Advanced Information Systems Engineering 31st International Conference, CAiSE 2019, Rome, Italy, June 3–7, 2019, Proceedings 2019 / p. 32-47 [https://doi.org/10.1007/978-3-030-21290-2\\_3](https://doi.org/10.1007/978-3-030-21290-2_3) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

### **Bing-CSF-IDF+: a semantics-driven recommender system for news**

Huijsduijnen, Lies Hooft van; Hoogmoed, Thom; Keulers, Geertje; Langendoen, Edmar; Langendoen, Sanne; Vos, Tim; Hogenboom, Frederik; Frasinicar, Flavius; **Robal, Tarmo** New trends in databases and information systems : ADBIS 2020 short papers, Lyon, France, August 25–27, 2020 : proceedings 2020 / p. 143–153 [https://doi.org/10.1007/978-3-030-54623-6\\_13](https://doi.org/10.1007/978-3-030-54623-6_13) [Conference proceeding at Scopus](#) [Article at Scopus](#)

### **Black-box separations and their adaptability to the non-uniform model**

**Buldas, Ahto**; Niitsoo, Margus Information security and privacy : 18th Australasian Conference, ACISP 2013, Brisbane, Australia, July 1-3, 2013 : proceedings 2013 / p. 152-167 [https://doi.org/10.1007/978-3-642-39059-3\\_11](https://doi.org/10.1007/978-3-642-39059-3_11) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Block library driven translation validation for dataflow models in safety critical systems**

Dieumegard, Arnaud; **Toom, Andres**; Pantel, Marc Critical Systems : Formal Methods and Automated Verification : Joint 21st International Workshop on Formal Methods for Industrial Critical Systems and 16th International Workshop on Automated Verification of Critical Systems, FMICS-AVoCS 2016, Pisa, Italy, September 26-28, 2016 : proceedings 2016 / p. 117-132 : ill [https://doi.org/10.1007/978-3-319-45943-1\\_8](https://doi.org/10.1007/978-3-319-45943-1_8) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Blockchain technology for enabling transparent and traceable government collaboration in public project processes of developing economies**

Abodei, Ebizimoh; **Norta, Alexander**; Azogu, Irene; Udokwu, Chibuzor; **Draheim, Dirk** Digital Transformation for a Sustainable Society in the 21st Century 18th IFIP WG 6.11 : Conference on e-Business, e-Services, and e-Society, I3E 2019 Trondheim, Norway, September 18–20, 2019 : proceedings 2019 / p. 464–475 [https://doi.org/10.1007/978-3-030-29374-1\\_38](https://doi.org/10.1007/978-3-030-29374-1_38) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

### **Blockchain technology: Intrinsic technological and socio-economic barriers: FDSE'2020 Keynote**

**Buldas, Ahto; Draheim, Dirk**; Nagumo, Takehiko; **Vedešin, Anton** Future Data and Security Engineering. Big Data, Security and Privacy, Smart City and Industry 4.0 Applications : 7th International Conference, FDSE 2020, Quy Nhon, Vietnam, November 25–27, 2020 : proceedings 2020 / p. 3-27 [https://doi.org/10.1007/978-3-030-63924-2\\_1](https://doi.org/10.1007/978-3-030-63924-2_1) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **A blockchain-assisted hash-based signature scheme**

**Buldas, Ahto; Laanoja, Risto; Truu, Ahto** Secure IT Systems : 23rd Nordic Conference, NordSec 2018, Oslo, Norway, November 28–30, 2018 : proceedings 2018 / p. 138–153 : ill [https://doi.org/10.1007/978-3-030-03638-6\\_9](https://doi.org/10.1007/978-3-030-03638-6_9) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

## **The Blot**

**Pietarinen, Ahti-Veikko**; Bellucci, Francesco; Bobrova, Angelina; **Haydon, Nathan Joseph**; Shafiei, Mohammad Diagrammatic representation and inference : 11th International Conference, Diagrams 2020, Tallinn, Estonia, August 24–28, 2020 : proceedings 2020 / p. 225-238 : ill [https://doi.org/10.1007/978-3-030-54249-8\\_18](https://doi.org/10.1007/978-3-030-54249-8_18) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#) [Conference proceedings 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](#)

## **Boundary state and output feedbacks for underactuated systems of coupled time-fractional PDEs with different space-dependent diffusivity**

Chen, Juan; **Tepljakov, Aleksei**; **Petlenkov, Eduard**; Zhuang, Bo International journal of systems science 2020 / p. 2922-2942 <https://doi.org/10.1080/00207721.2020.1803442> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Bounded pre-image awareness and the security of hash-tree keyless signatures**

**Buldas, Ahto**; **Laanoja, Risto**; Laud, Peeter; Truu, Ahto Provable security : 8th International Conference, ProvSec 2014, Hong Kong, China, October 9-10, 2014 : proceedings 2014 / p. 130-145 : ill [https://doi.org/10.1007/978-3-319-12475-9\\_10](https://doi.org/10.1007/978-3-319-12475-9_10) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

## **The breaking of symmetry leads to chirality in cucurbituril-type hosts**

**Aav, Riina**; **Mishra, Kamini Atindrakumar** Symmetry 2018 / 26 p. : ill <https://doi.org/10.3390/sym10040098> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Bringing service design thinking into the public sector to create proactive and user-friendly public services**

**Sirendi, Regina**; **Taveter, Kuldar** HCI in Business, Government, and Organizations : Information Systems : third International Conference, HCIBGO 2016 held as part of HCI International 2016, Toronto, Canada, July 17-22, 2016 : proceedings. Part II 2016 / p. 221-230 : ill [https://doi.org/10.1007/978-3-319-39399-5\\_21](https://doi.org/10.1007/978-3-319-39399-5_21) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

## **B-spline based finite element method in one-dimensional discontinuous elastic wave propagation**

Kolman, Radek; Okrouhlik, M.; **Berezovski, Arkadi**; Gabriel, Dusan; Kopačka, J.; Plešek, J. Applied mathematical modelling 2017 / p. 382-395 : ill <https://doi.org/10.1016/j.apm.2017.01.077> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Business intelligence and analytics: On-demand ETL over document stores**

Souibgui, Manel; Atigui, Faten; **Ben Yahia, Sadok**; Si-Said Cherfi, Samira Research Challenges in Information Science : 14th International Conference, RCIS 2020, Limassol, Cyprus, September 23-25, 2020 : Proceedings 2020 / p. 556-561 [https://doi.org/10.1007/978-3-030-50316-1\\_38](https://doi.org/10.1007/978-3-030-50316-1_38) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

## **Calculational proofs in relational graphical linear algebra**

Paixao, Joao; **Sobocinski, Pawel Maria** Formal Methods: Foundations and Applications : 23rd Brazilian Symposium, SBMF 2020, Ouro Preto, Brazil, November 25-27, 2020 : proceedings 2020 / p. 83-100 [https://doi.org/10.1007/978-3-030-63882-5\\_6](https://doi.org/10.1007/978-3-030-63882-5_6) [Conference proceedings at Scopus](#) [Article at Scopus](#)

## **Can I have a Mooc2Go, please? On the viability of mobile vs. stationary learning**

Zhao, Yue; **Robal, Tarmo**; Lofi, Christoph; Hauff, Claudia Lifelong Technology-Enhanced Learning : 13th European Conference on Technology Enhanced Learning : EC-TEL 2018, Leeds, UK, September 3-5, 2018 : proceedings 2018 / p. 101-115 : ill [https://doi.org/10.1007/978-3-319-98572-5\\_8](https://doi.org/10.1007/978-3-319-98572-5_8) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

## **Can K-12 students learn how to program with just two hours?**

**Umbleja, Kadri** Learning Technology for Education in Cloud : The Changing Face of Education : 5th International Workshop, LTEC 2016, Hagen, Germany, July 25-28, 2016 : proceedings 2016 / p. 250-264 : ill [https://doi.org/10.1007/978-3-319-42147-6\\_21](https://doi.org/10.1007/978-3-319-42147-6_21) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

## **A canonical algebra of open transition systems**

Di Lavore, Elena; **Gianola, Alessandro**; **Roman Garcia, Mario**; Sabadini, Nicoletta; **Sobocinski, Pawel Maria** Formal aspects of component software : 17th International Conference, FACS 2021, Virtual Event, October 28-29, 2021 : proceedings 2021 / p. 63-81 [https://doi.org/10.1007/978-3-030-90636-8\\_4](https://doi.org/10.1007/978-3-030-90636-8_4) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

## **Capacity building in government : towards developing a standard for a functional specialist in AI for public services**

**Labanava, Alena**; **Dreyling III, Richard Michael**; Mortati, Marzia; **Liiv, Innar**; **Pappel, Ingrid** Future Data and Security Engineering : Big Data, Security and Privacy, Smart City and Industry 4.0 Applications : 9th International Conference, FDSE 2022, Ho Chi Minh City, Vietnam, November 23-25, 2022 : proceedings 2022 / p. 503-516 [https://doi.org/10.1007/978-981-19-8069-5\\_34](https://doi.org/10.1007/978-981-19-8069-5_34) [Conference](#)

[proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Carroll diagrams : design and manipulation**

**Moktefi, Amirouche** Diagrammatic Representation and Inference : 10th International Conference, Diagrams 2018, Edinburgh, UK, June 18–22, 2018 : proceedings 2018 / p. 32-35 : ill [https://doi.org/10.1007/978-3-319-91376-6\\_7](https://doi.org/10.1007/978-3-319-91376-6_7) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **A case study on data protection for a cloud- and AI-based homecare medical device**

Bende, Philipp; **Vovk, Olga**; Caraveo, David; Pechmann, Ludwig; Leucker, Martin Transactions on Petri Nets and Other Models of Concurrency XVII 2024 / p. 138 - 161 [https://doi.org/10.1007/978-3-662-68191-6\\_6](https://doi.org/10.1007/978-3-662-68191-6_6) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Catalytic effect of oil shale ash on CO2 gasification of leached wheat straw and reed chars**

**Link, Siim**; Tran, Khanh-Quang; Bach, Quang-Vu; Yrjas, Patrik; **Rosin, Argo** Energy 2018 / p. 906-913 <https://doi.org/10.1016/j.energy.2018.04.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Certified Foata normalization for generalized traces**

**Maarand, Hendrik; Uustalu, Tarmo** NASA Formal Methods Symposium : 10th International Symposium, NFM 2018, Newport News, VA, USA, April 17-19, 2018 : proceedings 2018 / p. 299-314 [https://doi.org/10.1007/978-3-319-77935-5\\_21](https://doi.org/10.1007/978-3-319-77935-5_21) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Certified parsing of regular languages**

**Firsov, Denis; Uustalu, Tarmo** Certified Programs and Proofs : Third International Conference, CPP 2013, Melbourne, VIC, Australia, December 11-13, 2013, Proceedings 2013 / p. 98 - 113 [https://doi.org/10.1007/978-3-319-03545-1\\_7](https://doi.org/10.1007/978-3-319-03545-1_7) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Challenges of microgrids in remote communities: a STEEP model application**

Akinyele, Daniel; **Belikov, Juri**; Levron, Yoash Energies 2018 / art. 432, 35 p. : ill <https://doi.org/10.3390/en11020432> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metric at WOS](#) [Article at WOS](#)

### **Challenges of smart grids implementation**

**Ahmadihangar, Roya; Rosin, Argo; Palu, Ivo**; Azizi, Aydin Demand-side flexibility in smart grid 2020 / p. 1-15 [https://doi.org/10.1007/978-981-15-4627-3\\_1](https://doi.org/10.1007/978-981-15-4627-3_1) [Journal metrics at Scopus](#) [Article at Scopus](#)

### **A chameleon algorithm for solving economic dispatch problem in microgrid system**

**Zahraoui, Younes**; Alhamrouni, Ibrahim; Mekhilef, Saad; **Korötko, Tarmo**; Jusoh, Awang; Sutikno, Tole Bulletin of electrical engineering and informatics 2023 / p. 1982-1992 : ill <https://doi.org/10.11591/eei.v12i4.4700> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **A Characterization of Amenable Groups by Besicovitch Pseudodistances**

**Capobianco, Silvio**; Guillon, Pierre Cellular Automata and Discrete Complex Systems : 26th IFIP WG 1.5 International Workshop, AUTOMATA 2020, Stockholm, Sweden, August 10–12, 2020 : proceedings 2020 / p. 99-110 [https://doi.org/10.1007/978-3-030-61588-8\\_8](https://doi.org/10.1007/978-3-030-61588-8_8) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Characterization of the ensemble of lignin-remodeling DyP-type Peroxidases from Streptomyces coelicolor A3(2)**

**Pupart, Hegne; Jõul, Piia; Bramanis, Melissa Ingela; Lukk, Tiit** Energies 2023 / art. 1557, 15 p. : ill <https://doi.org/10.3390/en16031557> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Chiral auxiliaries and chirogenesis ii**

Symmetry 2021 / art. 1157 <https://doi.org/10.3390/sym13071157> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Chiral heterocycle-based receptors for enantioselective recognition**

Khose, Vaibhav N.; John, Marina E.; Pandey, Anita D.; **Borovkov, Victor**; Karnik, Anil V. Symmetry 2018 / 75 p : ill <https://doi.org/10.3390/sym10020034> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Cities4ZERO approach to foresight for fostering smart energy transition on municipal level**

Tatar, Merit; **Kalvet, Tarmo; Tiits, Marek** Energies 2020 / art. 3533 <https://doi.org/10.3390/en13143533> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Classification of cross-sections for vascular skeleton extraction using convolutional neural networks**

Lidayová, Kristína; **Gupta, Anindya**; Frimmel, Hans; Sintorn, Ida-Maria; Bengtsson, Ewert; Smedby, Örjan Medical Image : Understanding and Analysis, 21st Annual Conference, MIUA 2017 Edinburgh, UK, July 11–13, 2017 : Proceedings 2017 / p. 182-194 [https://doi.org/10.1007/978-3-319-60964-5\\_16](https://doi.org/10.1007/978-3-319-60964-5_16) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Cleaning of floating photovoltaic systems : a critical review on approaches from technical and economic perspectives**

Zahedi, Rafi; Ranjbaran, Parisa; Gharehpetian, Gevork B.; Mohammadi, Fazel; **Ahmadihangar, Roya** Energies 2021 / art. 2018,

**Closed-loop control system design for wireless charging of low-voltage EV batteries with time-delay constraints**

Shevchenko, Viktor; Pakhaliuk, Bohdan; Zakis, Janis; Veligorskyi, Oleksandr; Luszcz, Jaroslaw; Husev, Oleksandr; Lytvyn, Oksana; **Matiushkin, Oleksandr** Energies 2021 / art. 3934, 21 p. : ill <https://doi.org/10.3390/en14133934> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A cluster of many small holes with negative imaginary surface impedances may generate a negative refraction index**

Alsaedi, Ahmed; Ahmad, Bashir; **Challa, Durga Prasad**; Kirane, Mokhtar; Sini, Mourad Mathematical methods in the applied sciences 2016 / p. 3607-3622 : ill <https://doi.org/10.1002/mma.3805> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The CMS fast beam condition monitor for HL-LHC**

Auzinger, G.; Bakhshiansohi, H.; Dabrowski, A.; Delannoy, A.G.; Dierlamm, A.; Dragicevic, M.; Gholami, A.; Gomez, G.; Jenihhin, Maksim; **Shibin, Konstantin** Journal of instrumentation 2024 / art. C03048, 10 p. : ill <https://doi.org/10.1088/1748-0221/19/03/C03048> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

**CNN based analysis of the Luria's alternating series test for Parkinson's disease diagnostics**

**Zaremba, Sergei; Nömm, Sven**; Medijainen, Kadri; Taba, Pille; Toomela, Aaro Recent Challenges in Intelligent Information and Database Systems : 13th Asian Conference, ACIDS 2021, Phuket, Thailand, April 7–10, 2021 : proceedings 2021 / p. 3-13 [https://doi.org/10.1007/978-981-16-1685-3\\_1](https://doi.org/10.1007/978-981-16-1685-3_1) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Coalgebraic update lenses**

Ahman, Danel; **Uustalu, Tarmo** Electronic notes in theoretical computer science 2014 / p. 25-48 : ill <https://doi.org/10.1016/j.entcs.2014.10.003> [Journal metrics at Scopus](#) [Article at Scopus](#)

**A coalgebraic view of bar recursion and bar induction**

Capretta, Venzano; **Uustalu, Tarmo** Foundations of Software Science and Computation Structures : 19th International Conference, FOSSACS 2016, held as part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2016, Eindhoven, The Netherlands, April 2-8, 2016 : proceedings 2016 / p. 91-106 [https://doi.org/10.1007/978-3-662-49630-5\\_6](https://doi.org/10.1007/978-3-662-49630-5_6) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Codensity lifting of monads and its dual**

Katsumata, Shin-ya; Sato, Tetsuya; **Uustalu, Tarmo** Logical methods in computer science 2018 / p. 1-31 [https://doi.org/10.23638/LMCS-14\(4:6\)2018](https://doi.org/10.23638/LMCS-14(4:6)2018) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Coends of higher arity**

**Loregian, Fosco**; de Oliveira Santos, Theo Applied categorical structures 2022 / p. 173-221 <https://doi.org/10.1007/s10485-021-09653-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Coherence via focusing for symmetric skew monoidal categories**

**Veltri, Niccolo** Logic, Language, Information, and Computation : 27th International Workshop, WoLLIC 2021, Virtual Event, October 5–8, 2021 : proceedings 2021 / p. 184-200 [https://doi.org/10.1007/978-3-030-88853-4\\_12](https://doi.org/10.1007/978-3-030-88853-4_12) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**A combined method for error and complexity reduction in fuzzy rule-based classification**

**Riid, Andri; Preden, Jürjo-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](#)

**Combining algebraic effect descriptions using the tensor of complete lattices**

**Voorneveld, Niels** Electronic notes in theoretical computer science 2020 / p. 257-281 <https://doi.org/10.1016/j.entcs.2020.09.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Combining fuzzy and probabilistic reasoning for crowd-sourced categorization and tagging**

**Tammet, Tanel; Luberg, Ago** Web Reasoning and Rule Systems : 8th International Conference, RR 2014, Athens, Greece, September 15-17, 2014 : proceedings 2014 / p. 247-248 <https://link.springer.com/book/10.1007/978-3-319-11113-1> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

**Comparative assessment of heat recovery from treated wastewater in the district heating systems of the three capitals of the Baltic countries**

**Ziemele, Jelena; Volkova, Anna; Latšov, Eduard**; Murauskaite, Lina; Džiuvė, Vytautas Energy 2023 / art. 128132 <https://doi.org/10.1016/j.energy.2023.128132> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Comparative evaluation of common-ground converters for dual-purpose application**

Hemmati Shahsavari, Tala; Rahimpour, Saeed; Vosoughi Kurdkandi, Naser; Fesenko, Artem; **Matiushkin, Oleksandr**; Husev, Oleksandr; Vinnikov, Dmitri Energies 2023 / art. 2977 <https://doi.org/10.3390/en16072977> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

**Comparative simulation study of pump system efficiency driven by induction and synchronous reluctance motors**

Gevorkov, Levon; Dominguez-Garcia, Jose Luis; **Rassölkin, Anton**; **Vaimann, Toomas** Energies 2022 / art. 4068

<https://doi.org/10.3390/en15114068> [Journal metrics](#) at [Scopus](#) [Article](#) at [Scopus](#) [Journal metrics](#) at [WOS](#) [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](#)

**Comparison of district heating supply options for different CHP configurations**

**Rušeljuk, Pavel**; **Dedov, Andrei**; **Hlebnikov, Aleksandr**; **Lepiksaar, Kertu**; **Volkova, Anna** Energies 2023 / art. 603, 14 p. : ill

<https://doi.org/10.3390/en16020603> [Journal metrics](#) at [Scopus](#) [Article](#) at [Scopus](#) [Journal metrics](#) at [WOS](#) [Article](#) at [WOS](#)

**Comparison of flux-switching and interior permanent magnet synchronous generators for direct-driven wind applications based on nelder–mead optimal designing**

**Prakht, Vladimir**; **Dmitrievskii, Vladimir**; **Kazakbaev, Vadim**; **Andriushchenko, Ekaterina** Mathematics 2021 / art. 732

<https://doi.org/10.3390/math9070732> [Journal metrics](#) at [Scopus](#) [Article](#) at [Scopus](#) [Journal metrics](#) at [WOS](#) [Article](#) at [WOS](#)

**Comparison of strong and statistical convergences in some families of summability methods**

**Šeletski, Anna**; **Tali, Anne** Filomat 2014 / p. 1225-1236 <https://doi.org/10.2298/FIL1406225S> [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](#)

[Journal metrics](#) at [WOS](#) [Article](#) at [WOS](#)

**Competencies required for the offensive cyber operations planners**

**Arik, Marko**; **Lugo, Ricardo Gregorio**; **Ottis, Rain**; **Venables, Adrian Nicholas** HCI for Cybersecurity, Privacy and Trust : 6th

International Conference, HCI-CPT 2024, Held as Part of the 26th HCI International Conference, HCII 2024 Washington, DC, USA,

June 29 – July 4, 2024 : Proceedings, Part II 2024 / p. 20-39 [https://doi.org/10.1007/978-3-031-61382-1\\_2](https://doi.org/10.1007/978-3-031-61382-1_2) [Conference proceedings](#) at [Scopus](#) [Article](#) at [Scopus](#) [Article](#) at [WOS](#)

[Conference proceedings](#) at [WOS](#)

**Compiling cooperative task management to continuations**

**Nakata, Keiko**; **Saar, Andri** Fundamentals of Software Engineering : 5th International Conference, FSEN 2013, Tehran, Iran, April

24-26, 2013, Revised Selected Papers 2013 / p. 95 - 110 [https://doi.org/10.1007/978-3-642-40213-5\\_7](https://doi.org/10.1007/978-3-642-40213-5_7) [Conference Proceedings](#) at [Scopus](#) [Article](#) at [Scopus](#) [Conference Proceedings](#) at [WOS](#) [Article](#) at [WOS](#)

[Conference Proceedings](#) at [WOS](#)

**Complete genome sequencing of the luminescent bacterium, vibrio qinghaiensis sp. Q67 using PacBio technology**

**Gong, Liang**; **Wu, Yu**; **Jian, Qijie**; **Yin, Chunxiao**; **Gupta, Vijai Kumar**; **Duan, Xuewu**; **Jiang, Yueming** Scientific Data 2018 / art.

170205 <https://doi.org/10.1038/sdata.2017.205> [Journal metrics](#) at [Scopus](#) [Article](#) at [Scopus](#) [Journal metrics](#) at [WOS](#) [Article](#) at [WOS](#)

**Composite surrogate for likelihood-free bayesian optimisation in high-dimensional settings of activity-based transportation models**

**Kuzmanovski, Vladimir**; **Hollmén, Jaakko** Advances in Intelligent Data Analysis XIX : 19th International Symposium on Intelligent

Data Analysis, IDA 2021, Porto, Portugal, April 26–28, 2021 : proceedings 2021 / p. 171-183 : ill [https://doi.org/10.1007/978-3-030-74251-5\\_14](https://doi.org/10.1007/978-3-030-74251-5_14) [Conference proceedings](#) at [Scopus](#) [Article](#) at [Scopus](#) [Conference proceedings](#) at [WOS](#) [Article](#) at [WOS](#)

[Conference proceedings](#) at [WOS](#)

**Compositional diagrammatic first-order logic**

**Haydon, Nathan Joseph**; **Sobocinski, Pawel Maria** Diagrammatic representation and inference : 11th International Conference,

Diagrams 2020, Tallinn, Estonia, August 24–28, 2020 : proceedings 2020 / p. 402-418 [https://doi.org/10.1007/978-3-030-54249-8\\_32](https://doi.org/10.1007/978-3-030-54249-8_32) [Conference proceedings](#) at [Scopus](#) [Article](#) at [Scopus](#) [Conference proceedings](#) at [WOS](#) [Article](#) at [WOS](#)

[Conference proceedings](#) at [WOS](#)

**A comprehensive approach for designing business-intelligence solutions with multi-agent systems in distributed environments**

**Qayumi, Karima**; **Norta, Alexander** Transactions on Large-Scale Data- and Knowledge-Centered Systems XXXVII 2018 / p. 113-

150 [https://doi.org/10.1007/978-3-662-57932-9\\_4](https://doi.org/10.1007/978-3-662-57932-9_4) [Article collection metrics](#) at [Scopus](#) [Article](#) at [Scopus](#) [Article collection metrics](#) at [WOS](#)

[Article](#) at [WOS](#)

**Comprehensive blended learning concept for teaching micro controller technology utilising HomeLab kits and remote labs in a virtual web environment**

**Seiler, Sven**; **Sell, Raivo** Transactions on Edutainment. X 2013 / p. 161-177 : ill [https://doi.org/10.1007/978-3-642-37919-2\\_9](https://doi.org/10.1007/978-3-642-37919-2_9) [Article](#)

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

**A comprehensive instrument for identifying critical information infrastructure services**

**Herrera, Luis-Carlos**; **Maennel, Olaf Manuel** International Journal of Critical Infrastructure Protection 2019 / p. 50-61 : ill

### **Computational intelligence methods based design of closed-loop system**

**Belikov, Juri; Petlenkov, Eduard; Vassiljeva, Kristina; Nömm, Sven** Neural information processing : 20th International Conference, ICONIP 2013, Daegu, Korea, November 3-7, 2013 : proceedings. Part I 2013 / p. 215-224 : ill [https://doi.org/10.1007/978-3-642-42054-2\\_28](https://doi.org/10.1007/978-3-642-42054-2_28) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Computing data lineage and business semantics for data warehouse**

**Tomingas, Kalle; Järv, Priit; Tammet, Tanel** Knowledge Discovery, Knowledge Engineering and Knowledge Management :8th International Joint Conference, IC3K 2016, Porto, Portugal, November 9–11, 2016 : Revised Selected Papers 2019 / p. 101-124 [https://doi.org/10.1007/978-3-319-99701-8\\_5](https://doi.org/10.1007/978-3-319-99701-8_5) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Concept of Estonian government cloud and data embassies**

**Kotka, Taavi; Liiv, Innar** Electronic Government and the Information Systems Perspective : 4th International Conference, EGOVIS 2015, Valencia, Spain, September 1-3, 2015 : proceedings 2015 / p. 149-162 : ill [https://doi.org/10.1007/978-3-319-22389-6\\_11](https://doi.org/10.1007/978-3-319-22389-6_11) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **A conceptual nationwide cyber situational awareness framework for critical infrastructures**

**Bahsi, Hayretidin; Maennel, Olaf Manuel** Secure IT systems : 20th Nordic Conference, NordSec 2015, Stockholm, Sweden, October 19-21, 2015 : proceedings 2015 / p. 3-10 : ill [https://doi.org/10.1007/978-3-319-26502-5\\_1](https://doi.org/10.1007/978-3-319-26502-5_1) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Concurrent process histories and resource transducers**

**Nester, Chad Mitchell** Logical methods in computer science 2023 / p. 7:1-7:22 : ill [https://doi.org/10.46298/LMCS-19\(1:7\)2023](https://doi.org/10.46298/LMCS-19(1:7)2023) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](#)

### **Confidences for commonsense reasoning.**

**Tammet, Tanel; Draheim, Dirk; Järv, Priit** Automated Deduction - CADE 28 : 28th International Conference on Automated Deduction, Virtual Event, July 12-15, 2021 : proceedings 2021 / p. 507–524 [https://doi.org/10.1007/978-3-030-79876-5\\_29](https://doi.org/10.1007/978-3-030-79876-5_29) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [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](https://doi.org/10.1007/978-3-030-68150-0_5) [Article collection metrics at Scopus](#) [Article at Scopus](#)

### **Conjoined structures of carbon nanotubes and graphene nanoribbons**

**Krasnenko, Veera; Boltruško, Vadim; Klopov, Mihail; Hižnjakov, Vladimir** Physica scripta 2014 / 4 p.: ill <https://doi.org/10.1088/0031-8949/89/04/044008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Considerations on combining unfolding inverters with partial power regulators in battery–grid interface converters**

**Galkin, Ilya A.; Saltanovs, Rodions; Bubovich, Alexander; Blinov, Andrei; Pefitsis, Dimosthenis** Energies 2024 / art. 893 <https://doi.org/10.3390/en17040893> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Constitutive modeling with single and dual internal variables**

**Berezovski, Arkadi** Entropy 2023 / art. 721, 26 p <https://doi.org/10.3390/e25050721> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Constructing higher inductive types as groupoid quotients**

**Veltri, Niccolò; Weide, Niels van der** Logical methods in computer science 2021 / p. 8:1–8:42 [https://doi.org/10.23638/LMCS-17\(2:8\)2021](https://doi.org/10.23638/LMCS-17(2:8)2021) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Container combinatorics : monads and lax monoidal functors**

**Uustalu, Tarmo** Topics in Theoretical Computer Science : Second IFIP WG 1.8 International Conference, TTCS 2017, Tehran, Iran, September 12-14, 2017 : proceedings 2017 / p. 91-105 : ill [https://doi.org/10.1007/978-3-319-68953-1\\_8](https://doi.org/10.1007/978-3-319-68953-1_8) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Contextual equivalence for signal flow graphs**

**Bonchi, Filippo; Piedeleu, Robin; Sobocinski, Pawel Maria; Zanasi, Fabio** Foundations of Software Science and Computation Structures : 23rd International Conference, FOSSACS 2020, Held as Part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2020, Dublin, Ireland, April 25-30, 2020 : proceedings 2020 / p. 77-96 [https://doi.org/10.1007/978-3-030-45231-5\\_5](https://doi.org/10.1007/978-3-030-45231-5_5) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

### **Contractive signatures with recursive types, type parameters, and abstract types**

Im, Hyeonseung; **Nakata, Keiko**; Park, Sungwoo Automata, Languages, and Programming : 40th International Colloquium, ICALP 2013, Riga, Latvia, July 8-12, 2013, Proceedings, Part II 2013 / p. 299 - 311 [https://doi.org/10.1007/978-3-642-39212-2\\_28](https://doi.org/10.1007/978-3-642-39212-2_28) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Control of a three-input DC-DC converter suitable for DC motors**

Alizadeh Asl, Amin; Hosseini, Seyed Hossein; **Vosoughi Kurdkandi, Naser**; Alizadeh Asl, Ramin International transactions on electrical energy systems 2022 / art. 4264649, 20 p. : ill <https://doi.org/10.1155/2022/4264649> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Converting Tallinn's historic centre's (Old Town) heating system to a district heating system**

**Volkova, Anna**; **Krupenski, Igor**; **Kovtunova, Natalja**; **Hlebnikov, Aleksandr**; **Mašatin, Vladislav**; Ledvanov, Aleksandr Energy 2023 / art. 127429 <https://doi.org/10.1016/j.energy.2023.127429> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Convolutional neural networks for false positive reduction of automatically detected cilia in low magnification TEM images**

**Gupta, Anindya**; Suveer, Amit; Lindblad, Joakim; Dragomir, Anca; Sintorn, Ida-Maria; Sladoje, Nataša Image Analysis, 20th Scandinavian Conference, SCIA 2017, Tromsø, Norway, June 12–14, 2017 : proceedings, Part I 2017 / p. 407-418 : ill [https://doi.org/10.1007/978-3-319-59126-1\\_34](https://doi.org/10.1007/978-3-319-59126-1_34) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Cooling thermal comfort and efficiency parameters of ceiling panels, underfloor cooling, fan-assisted radiators, and fan coil**

**Vösa, Karl-Villem**; **Ferrantelli, Andrea**; **Kurnitski, Jarek** Energies 2022 / art. 4156 <https://doi.org/10.3390/en15114156> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Co-pyrolysis of woody biomass and oil shale — a kinetics and modelling study**

**Lyons Ceron, Alejandro**; **Ochieng, Richard**; **Sarker, Shiplu**; **Järvik, Oliver**; **Konist, Alar** Energies 2024 / art. 1055 <https://doi.org/10.3390/en17051055> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Co-Pyrolysis of Woody Biomass and Oil Shale in a Batch Reactor in CO<sub>2</sub>, CO<sub>2</sub>-H<sub>2</sub>O, and Ar Atmospheres**

**Lyons Ceron, Alejandro**; **Konist, Alar** Energies 2023 / art. 3145 <https://doi.org/10.3390/en16073145> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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**; **Kormiltsön, 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](#)

### **Cost and energy reduction of a New nZEB wooden building**

**Arumägi, Endrik**; **Kalamees, Targo** Energies 2020 / art. 3570, 16 p. : ill <https://doi.org/10.3390/en13143570> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Cost-benefit analysis of nZEB energy efficiency strategies with on-site photovoltaic generation**

**Pikas, Ergo**; **Kurnitski, Jarek**; **Thalfeldt, Martin**; Koskela, Lauri Energy 2017 / p. 291-301 : ill <https://doi.org/10.1016/j.energy.2017.03.158> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Course implementation : value-added mode**

**Kukk, Vello** Learning Technology for Education in Cloud : The Changing Face of Education : 5th International Workshop, LTEC 2016, Hagen, Germany, July 25-28, 2016 : proceedings 2016 / p. 265-273 : ill [https://doi.org/10.1007/978-3-319-42147-6\\_22](https://doi.org/10.1007/978-3-319-42147-6_22) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Covering concept lattices with concept chains**

**Torim, Ants**; **Mets, Marko**; **Raun, Kristo** Graph-Based Representation and Reasoning : 24th International Conference on Conceptual Structures, ICCS 2019 : Marburg, Germany, July 1–4, 2019 : proceedings 2019 / p. 190-203 : ill [https://doi.org/10.1007/978-3-030-23182-8\\_14](https://doi.org/10.1007/978-3-030-23182-8_14) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

### **Creating and detecting IPv6 transition mechanism-based information exfiltration covert channels**

Blumbergs, Bernhards; **Pihelgas, Mauno**; **Kont, Markus**; **Maennel, Olaf Manuel**; **Vaarandi, Risto** Secure IT Systems : 21st Nordic

Conference, NordSec 2016, Oulu, Finland, November 2-4, 2016 : proceedings 2016 / p. 85-100 : ill [https://doi.org/10.1007/978-3-319-47560-8\\_6](https://doi.org/10.1007/978-3-319-47560-8_6) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Creation of smart-contracting collaborations for decentralized autonomous organizations**

**Norta, Alexander** Perspectives in business informatics research : 14th International Conference, BIR 2015, Tartu, Estonia, August 26-28, 2015 : proceedings 2015 / p. 3-17 [https://doi.org/10.1007/978-3-319-21915-8\\_1](https://doi.org/10.1007/978-3-319-21915-8_1) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Current challenges in operation, performance, and maintenance of photovoltaic panels**

Orosz, Tamas; **Rassõlkin, Anton**; Arsenio, Pedro; Poor, Peter; **Valme, Daniil**; Sleisz, Adam Energies 2024 / art. 1306 <https://doi.org/10.3390/en17061306> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Current harmonic aggregation cases for contemporary loads**

**Daniel, Kamran**; Kütt, Lauri; Iqbal, Muhammad Naveed; **Shabbir, Noman** Energies 2022 / art. 437 <https://doi.org/10.3390/en15020437> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](#)

### **Cyber attacks on critical infrastructures and satellite communications**

**Carlo, Antonio**; Obergfaell, Kim International Journal of Critical Infrastructure Protection 2024 / art. 100701, 8 p. <https://doi.org/10.1016/j.ijcip.2024.100701> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Cyber hygiene : the big picture**

**Maennel, Kaie**; **Mäses, Sten**; **Maennel, Olaf Manuel** Secure IT Systems : 23rd Nordic Conference, NordSec 2018, Oslo, Norway, November 28-30, 2018 : proceedings 2018 / p. 291-305 : ill [https://doi.org/10.1007/978-3-030-03638-6\\_18](https://doi.org/10.1007/978-3-030-03638-6_18) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Cyber warfare**

**Ottis, Rain** Cyber security : analytics, technology and automation 2015 / p. 89-96 [https://doi.org/10.1007/978-3-319-18302-2\\_6](https://doi.org/10.1007/978-3-319-18302-2_6) [Article collection metrics at Scopus](#) [Article at Scopus](#)

### **CyberPin - Challenges on recognizing youngest cyber talents**

**Lorenz, Birgy**; **Kikkas, Kaido**; **Talisainen, Aleksei**; Eomäe, Taavi HCI for Cybersecurity, Privacy and Trust : Third International Conference, HCI-CPT 2021, Held as Part of the 23rd HCI International Conference, HCII 2021, Virtual Event, July 24-29, 2021 : proceedings 2021 / p. 326-336 [https://doi.org/10.1007/978-3-030-77392-2\\_21](https://doi.org/10.1007/978-3-030-77392-2_21) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Cybersecurity within the curricula of informatics : the Estonian perspective**

**Lorenz, Birgy**; **Kikkas, Kaido**; **Sõmer, Tiia**; **Laugasson, Edmund** Informatics in Schools. New Ideas in School Informatics : 12th International Conference on Informatics in Schools : Situation, Evolution, and Perspectives, ISSEP 2019, Larnaca, Cyprus, November 18-20, 2019 : proceedings 2019 / p. 159-171 [https://doi.org/10.1007/978-3-030-33759-9\\_13](https://doi.org/10.1007/978-3-030-33759-9_13) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

### **Data augmentation and teacher-student training for LF-MMI based robust speech recognition**

**Ullah, Asad**; **Alumäe, Tanel** Text, Speech, and Dialogue : 21st International Conference, TSD 2018, Brno, Czech Republic, September 11-14, 2018 : proceedings 2018 / p. 403-410 [https://doi.org/10.1007/978-3-030-00794-2\\_43](https://doi.org/10.1007/978-3-030-00794-2_43) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Data exchange for digital government: Where are we heading? ADBIS2021 Keynote**

**Draheim, Dirk** Advances in Databases and Information Systems : 25th European Conference, ADBIS 2021, Tartu, Estonia, August 24-26, 2021 : proceedings 2021 / p. 7-12 [https://doi.org/10.1007/978-3-030-82472-3\\_2](https://doi.org/10.1007/978-3-030-82472-3_2) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Data-based energy provision for smart cities**

**Soe, Ralf-Martin** Digital Transformation and Global Society : Second International Conference, DTGS 2017, St. Petersburg, Russia, June 21-23, 2017 : revised selected papers 2017 / p. 319-328 [https://doi.org/10.1007/978-3-319-69784-0\\_27](https://doi.org/10.1007/978-3-319-69784-0_27) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Data-driven model predictive techniques for unknown linear time invariant systems**

**Ghorbani, Majid** IEEE Control Systems Letters 2024 / p. 199 - 204 <https://doi.org/10.1109/LCSYS.2024.3359068> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Data-driven occupancy profile identification and application to the ventilation schedule in a school building**

**Vassiljeva, Kristina**; **Matson, Margarita**; **Ferrantelli, Andrea**; **Petlenkov, Eduard**; **Thalfeldt, Martin**; **Belikov, Juri** Energies

2024 / art. 3080 <https://doi.org/10.3390/en17133080> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Day-ahead market modelling of large-scale highly-renewable multi-energy systems : analysis of the North Sea region towards 2050**

Gea-Bermudez, Juan; Das, Kaushik; **Koduvere, Hardi**; Koivisto, Matti J. *Energies* 2021 / art. 88, 17 p. : ill <https://doi.org/10.3390/en14010088> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **DC microgrid: state of art, driving force, challenges and perspectives**

**Husev, Oleksandr; Vinnikov, Dmitri** *Power Systems Research and Operation : Selected Problems III* 2024 / p. 149-190 [https://doi.org/10.1007/978-3-031-44772-3\\_8](https://doi.org/10.1007/978-3-031-44772-3_8) [Article collection metrics at Scopus](#) [Article at Scopus](#)

### **Dealing with data streams: Complex event processing vs. data stream mining**

Lange, Moritz; Koschel, Arne; **Astrova, Irina** *Computational Science and Its Applications – ICCSA 2020 : 20th International Conference, Cagliari, Italy, July 1–4, 2020 : Proceedings, Part IV 2020* / p. 3-14 [https://doi.org/10.1007/978-3-030-58811-3\\_1](https://doi.org/10.1007/978-3-030-58811-3_1) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

### **The delay monad and restriction categories**

**Uustalu, Tarmo; Veltri, Niccolo** *Theoretical Aspects of Computing - ICTAC 2017 : 14th International Colloquium Hanoi, Vietnam, October 23-27, 2017 : proceedings 2017* / p. 32-50 [https://doi.org/10.1007/978-3-319-67729-3\\_3](https://doi.org/10.1007/978-3-319-67729-3_3) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Delightful daylighting : a framework for describing the experience of daylighting in Nordic homes and 'coupling it with quantitative assessments**

**Viikberg, Hanna; Sepulveda Luque, Abel; De Luca, Francesco** *Energies* 2022 / art. 1815 <https://doi.org/10.3390/en15051815> [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**; Tökke, 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](#)

### **Design and analysis of a DC solid-state circuit breaker for residential energy router application**

**Rahimpour, Saeed; Husev, Oleksandr; Vinnikov, Dmitri** *Energies* 2022 / art. 9434 <https://doi.org/10.3390/en15249434> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Design and experimental validation of a single-stage PV string inverter with optimal number of interleaved buck-boost cells**

Fesenko, Artem; **Matiushkin, Oleksandr; Husev, Oleksandr; Vinnikov, Dmitri**; Strzelecki, Ryszard; Kołodziejek, Piotr *Energies* 2021 / art. 2448, p., 17 p. : ill <https://doi.org/10.3390/en14092448> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Design concept and microarchitecture of network-on-chip with best-effort and guaranteed-throughput services**

Samman, Faizal; **Hollstein, Thomas** *International journal of innovative computing, information and control* 2019 / p. 305–319 : ill <https://doi.org/10.24507/ijicic.15.01.305> <http://www.ijicic.net/> <http://www.ijicic.net/servlet/Download?contentID=CONT5b67c7cbc23142feade914ceeabbd4d> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Design of fuzzy rule-based classifiers through granulation and consolidation**

**Riid, Andri; Preden, Jürjo-Sören** *Journal of artificial intelligence and soft computing research* 2017 / p. 137-147 : ill <https://doi.org/10.1515/jaiscr-2017-0010> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **The design of the Estonian governmental document exchange classification framework**

**Draheim, Dirk**; Koosapoe, Kaarel; **Lauk, Mihkel; Pappel, Ingrid; Pappel, Ingmar; Tepandi, Jaak** *Electronic Government and the Information Systems Perspective : 5th International Conference, EGOVIS 2016, Porto, Portugal, September 5-8, 2016 : proceedings 2016* / p. 33-47 : ill [http://link.springer.com/chapter/10.1007/978-3-319-44159-7\\_3](http://link.springer.com/chapter/10.1007/978-3-319-44159-7_3) [http://www.eston.ee/record=b4645628\\*est](http://www.eston.ee/record=b4645628*est) [https://doi.org/10.1007/978-3-319-44159-7\\_3](https://doi.org/10.1007/978-3-319-44159-7_3) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Designing a smart-contract application layer for transacting decentralized autonomous organizations**

**Norta, Alexander** *Advances in Computing and Data Sciences : first International Conference, ICACDS 2016, Ghaziabad, India, November 11-12, 2016 : revised selected papers 2017* / p. 595-604 [https://doi.org/10.1007/978-981-10-5427-3\\_61](https://doi.org/10.1007/978-981-10-5427-3_61) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Designing an effective long-term identity management strategy for a mature e-state**

**Lips, Silvia**; Aas, Krista; **Pappel, Ingrid; Draheim, Dirk** *Electronic Government and the Information Systems Perspective : 8th International Conference, EGOVIS 2019 : Linz, Austria, August 26–29, 2019 : proceedings 2019* / p. 221-234 : ill

[https://doi.org/10.1007/978-3-030-27523-5\\_16](https://doi.org/10.1007/978-3-030-27523-5_16) Conference proceeding at Scopus Article at Scopus Conference proceeding at WOS Article at WOS

### **Designing effective Chatbot solutions for the public sector: A case study from Ukraine**

**Petriv, Yulia; Erlenheim, Regina; Tsap, Valentyna; Pappel, Ingrid; Draheim, Dirk** Electronic Governance and Open Society: Challenges in Eurasia : 6th International Conference, EGOS 2019, St.Petersburg, Russia, November 13-14, 2019 : Proceedings 2020 / p. 320-335 [https://doi.org/10.1007/978-3-030-39296-3\\_24](https://doi.org/10.1007/978-3-030-39296-3_24) Conference proceeding at Scopus Article at Scopus

### **Designing proactive business event services : a case study of the Estonian company registration portal**

**Körge, Helena; Erlenheim, Regina; Draheim, Dirk** Electronic Participation : 11th IFIP WG 8.5 International Conference, ePart 2019, San Benedetto Del Tronto, Italy, September 2-4, 2019, Proceedings 2019 / p. 73 - 84 [https://doi.org/10.1007/978-3-030-27397-2\\_7](https://doi.org/10.1007/978-3-030-27397-2_7) Conference proceeding at Scopus Article at Scopus Conference proceeding at WOS Article at WOS

### **A detailed testing procedure of numerical differential protection relay for EHV auto transformer**

**Ehsan, Umer; Jawad, Muhammad; Javed, Umar; Zaidi, Khurram Shabih; Rehman, Ateeq Ur; Rassölkin, Anton; Althobaiti, Maha M.; Hamam, Habib; Shafiq, Muhammad** Energies 2021 / art. 8447 <https://doi.org/10.3390/en14248447> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Detecting anisotropic inclusions through EIT**

**Cristina, Jan; Päiväranta, Lassi Juhani** Archive for rational mechanics and analysis 2017 / p. 1139-1160 <https://doi.org/10.1007/s00205-017-1151-y> Journal metric at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Detecting Simpson's paradox : a machine learning perspective**

**Sharma, Rahul; Garayev, Huseyn; Kaushik, Minakshi; Arakkal Peious, Sijo; Tiwari, Prauag; Draheim, Dirk** Database and Expert Systems Applications : 33rd International Conference, DEXA 2022, Vienna, Austria, August 22-24, 2022 : proceedings. Part I 2022 / p. 323-335 : ill [https://doi.org/10.1007/978-3-031-12423-5\\_25](https://doi.org/10.1007/978-3-031-12423-5_25) Conference Proceedings at Scopus Article at Scopus Conference Proceedings at WOS Article at WOS

### **Detecting Simpson's paradox : a step towards fairness in machine learning**

**Sharma, Rahul; Kaushik, Minakshi; Arakkal Peious, Sijo; Bertl, Markus; Ankit, Vidyarthi; Ashwani, Kumar; Draheim, Dirk** New Trends in Database and Information Systems : ADBIS 2022 Short Papers, Doctoral Consortium and Workshops : DOING, K-GALS, MADEISD, MegaData, SWODCH, Turin, Italy, September 5-8, 2022 : proceedings 2022 / p. 67-76 : ill [https://doi.org/10.1007/978-3-031-15743-1\\_7](https://doi.org/10.1007/978-3-031-15743-1_7) Conference proceedings at Scopus Article at Scopus Article at WOS

### **Detection of deuterium retention by LIBS at different background pressures**

**Paris, Peeter; Butikova, J.; Laan, Matti; Aints, Mart; Hakola, A.; Piip, Kaarel; Tufail, Iram; Veis, P.** Physica scripta 2017 / art. 014003, 5 p. : ill <https://doi.org/10.1088/0031-8949/2017/T170/014003> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Determination of heat transfer coefficient from housing surface of a totally enclosed fan-cooled machine during passive cooling**

**Shams Ghahfarokhi, Payam; Podgornovs, Andrejs; Kallaste, Ants; Cardoso, Antonio J. Marques; Belahcen, Anouar; Vaimann, Toomas; Asad, Bilal; Tiismus, Hans** Machines 2021 / art. 120 <https://doi.org/10.3390/machines9060120> 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 the order of fractional derivative and a kernel in an inverse problem for a generalized time fractional diffusion equation [Online resource]**

**Janno, Jaan** Electronic journal of differential equations 2016 / p. 1-28 <http://ejde.math.txstate.edu> 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; Liibus, 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

### **Determining the optimal directions of investment in regional renewable energy development**

**Sotnyk, Iryna; Kurbatova, Tetiana; Romaniuk, Yaroslavna; Prokopenko, Olha; Gonchar, Viktoriya; Prause, Gunnar Klaus; Sapiński,**

Aleksander Energies 2022 / art. 3646 <https://doi.org/10.3390/en15103646> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Developing cross-border E-governance: exploring interoperability and cross-border integration**

**Krimmer, Robert Johannes; Dedovic, Stefan; Schmidt, Carsten; Corici, Andreea-Ancuta** Electronic participation : 13th IFIP WG 8.5 International Conference, ePart 2021, Granada, Spain, September 7–9, 2021 : proceedings 2021 / p. 107-124 : ill [https://doi.org/10.1007/978-3-030-82824-0\\_9](https://doi.org/10.1007/978-3-030-82824-0_9) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

#### **Development and performance assessment of prefabricated insulation elements for deep energy renovation of apartment buildings**

**Pihelo, Peep; Kuusk, Kalle; Kalamees, Targo** Energies 2020 / art. 1709, 20 p. : ill <https://doi.org/10.3390/en13071709> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [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](#)

#### **Development of a reduced order model of solar heat gains prediction**

**Tamm, Meril**; Cid, Jordi Macia; Paramio, Roser Capdevila; Baulenas, Joan Farnos; **Thalfeldt, Martin; Kurnitski, Jarek** Energies 2020 / art. 6316, 17 p. : ill <https://doi.org/10.3390/en13236316> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Development of a wireless communication network for monitoring and controlling of autonomous robots**

**Vu, Trieu Minh; Tamre, Mart**; Musalimov, Victor; Kovalenko, Pavel; Monahov, Juri International journal of robotics and automation 2018 / 16 p <https://doi.org/10.2316/Journal.206.2018.3.206-4759> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Development of children's cyber security competencies in Estonia**

**Lorenz, Birgy; Kikkas, Kaido**; Osula, Kairi Learning and Collaboration Technologies : Learning and Teaching : 5th International Conference : LCT 2018, Held as Part of HCI International 2018, Las Vegas, NV, USA, July 15-20, 2018 : Proceedings, Part II 2018 / p. 473–482 [https://doi.org/10.1007/978-3-319-91152-6\\_36](https://doi.org/10.1007/978-3-319-91152-6_36) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

#### **Development of radial velocity component in accelerating start-up pipe flow**

**Annus, Ivar; Koppel, Tiit** European journal of mechanics B. Fluids 2015 / p. 48-54 : ill <https://doi.org/10.1016/j.euromechflu.2015.04.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Devising an urban learning centre for municipalities in Eastern Partnership countries**

**Schuch de Azambuja, Luiza; Soe, Ralf-Martin** New Sustainable Horizons in Artificial Intelligence and Digital Solutions : 22nd IFIP WG 6.11 Conference on e-Business, e-Services and e-Society, I3E 2023, Curitiba, Brazil, November 9–11, 2023, Proceedings 2023 / p. 403-417 [https://doi.org/10.1007/978-3-031-50040-4\\_30](https://doi.org/10.1007/978-3-031-50040-4_30) [Conference proceedings at Scopus](#) [Article at Scopus](#)

#### **Diagnostic test generation for statistical bug localization using evolutionary computation**

Gaudesi, Marco; **Jenihhin, Maksim; Raik, Jaan; Tihomirov, Valentin; Ubar, Raimund-Johannes** Applications of Evolutionary Computation : 17th European Conference, EvoApplications 2014, Granada, Spain, April 23-25, 2014 : revised selected papers 2014 / p. 425-436 : ill [https://doi.org/10.1007/978-3-662-45523-4\\_35](https://doi.org/10.1007/978-3-662-45523-4_35) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

#### **Diagrammatic algebra of first order logic**

Bonchi, Filippo; Di Giorgio, Alessandro; **Haydon, Nathan Joseph; Sobocinski, Pawel Maria** LICS '24 : proceedings of the 39th Annual ACM/IEEE Symposium on Logic in Computer Science 2024 / art. 16, p. 1-15 : ill <https://doi.org/10.1145/3661814.3662078> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Digital support in logistics of home-care nurses for disabled and elderly people**

**Reinhold, Karin; Tint, Piia**; Traumann, Ada Human Interaction and Emerging Technologies : proceedings of the 1st International Conference on Human Interaction and Emerging Technologies (IHET 2019), August 22–24, 2019, Nice, France 2020 / p. 563-568 [https://doi.org/10.1007/978-3-030-25629-6\\_87](https://doi.org/10.1007/978-3-030-25629-6_87) [Conference proceedings at Scopus](#) [Article at Scopus](#)

#### **Digital transformation insights from an AI solution in search of a problem**

**Dreyling III, Richard Michael; Tammet, Tanel; Pappel, Ingrid** Future Data and Security Engineering. Big Data, Security and Privacy, Smart City and Industry 4.0 Applications : 10th International Conference, FDSE 2023, Da Nang, Vietnam, November 22–24, 2023 : proceedings 2023 / p. 341 - 351 [https://doi.org/10.1007/978-981-99-8296-7\\_24](https://doi.org/10.1007/978-981-99-8296-7_24) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

#### **Digital Twin as a virtual sensor for wind turbine applications**

**Mohamed, Mahmoud Ibrahim Hassanin; Rassölkin, Anton; Vaimann, Toomas; Kallaste, Ants; Zakis, Janis; Hyunh, Van Khang; Pomarnacki, Raimondas** Energies 2023 / art. 6246 <https://doi.org/10.3390/en16176246> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Digital twin as industrial robots manipulation validation tool**

**Kuts, Vladimir; Marvel, Jeremy A.; Aksu, Murat; Pizzagalli, Simone Luca; Sarkans, Martinš; Bondarenko, Yevhen; Otto, Tauno** Robotics 2022 / art. 113 <https://doi.org/10.3390/robotics11050113> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Direct aqueous carbonation on olivine at a CO<sub>2</sub> partial pressure of 6.5 MPa**

**Li, Jiajie; Jacobs, Anthony D.; Hitch, Michael William** Energy 2019 / p. 902-910 : ill <https://doi.org/10.1016/j.energy.2019.02.125> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Discontinuity-driven mesh alignment for evolving discontinuities in elastic solids**

**Berezovski, Mihhail; Berezovski, Arkadi** Journal of computational physics 2020 / art. 109542, 21 p <https://doi.org/10.1016/j.jcp.2020.109542> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Discretizing numerical attributes : an analysis of human perceptions : [conference paper]**

**Kaushik, Minakshi; Sharma, Rahul; Vidyarthi, Ankit; Draheim, Dirk** New Trends in Database and Information Systems : ADBIS 2022 Short Papers, Doctoral Consortium and Workshops : DOING, K-GALS, MADEISD, MegaData, SWODCH, Turin, Italy, September 5-8, 2022 : proceedings 2022 / p. 188-197 [https://doi.org/10.1007/978-3-031-15743-1\\_18](https://doi.org/10.1007/978-3-031-15743-1_18) [Conference proceedings at Scopus](#) [Article at Scopus](#) [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, Jürjo-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](#)

**Distributed scalable association rule mining over Covid-19 data**

**Shahin, Mahtab; Inoubli, Wissem; Shah, Syed Attique; Ben Yahia, Sadok; Draheim, Dirk** Future Data and Security Engineering : 8th International Conference, FDSE 2021, Virtual Event, November 24–26, 2021 : proceedings 2021 / p. 39-52 [https://doi.org/10.1007/978-3-030-91387-8\\_3](https://doi.org/10.1007/978-3-030-91387-8_3) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Disturbance decoupling in nonlinear hybrid systems**

**Kaldmäe, Arvo; Kotta, Ülle; Shumsky, Alexey; Zhirabok, Alexey** Nonlinear analysis : hybrid systems 2018 / p. 42-53 <https://doi.org/10.1016/j.nahs.2017.11.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Disturbance decoupling of time delay systems**

**Kaldmäe, Arvo; Moog, Claude** Asian journal of control 2016 / p. 1130-1134 <https://doi.org/10.1002/asjc.1169> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A divertimento on MonadPlus and nondeterminism**

**Uustalu, Tarmo** Journal of logical and algebraic methods in programming 2016 / p. 1086-1094 : ill <https://doi.org/10.1016/j.jlamp.2016.06.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Domain ontology for expressing knowledge of variants of thermally modified wood products**

**Maigre, Riina; Haav, Hele-Mai** Databases and Information Systems : 13th International Baltic Conference, DB&IS 2018, Trakai, Lithuania, July 1-4, 2018 : proceedings 2018 / p. 161-171 [https://doi.org/10.1007/978-3-319-97571-9\\_14](https://doi.org/10.1007/978-3-319-97571-9_14) [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Drivers for and barriers to the cross-border implementation of the once-only principle**

**Leosk, Nele; Pöder, Irma; Schmidt, Carsten; Kalvet, Tarmo; Krimmer, Robert Johannes** The once-only principle : The TOOP project 2021 / p. 38–60 [https://doi.org/10.1007/978-3-030-79851-2\\_3](https://doi.org/10.1007/978-3-030-79851-2_3) [Collection metrics at Scopus](#) [Article at Scopus](#) [Collection metrics at WOS](#) [Article at WOS](#)

**Driving forces and design of the TTÜ e-Governance technologies and services master's program**

**Pappel, Ingrid; Oolu, Karin; Pappel, Ingmar; Draheim, Dirk** Electronic Government and the Information Systems Perspective : 6th International Conference, EGOVIS 2017, Lyon, France, August 28-31, 2017 : proceedings 2017 / p. 278-293 : ill [https://doi.org/10.1007/978-3-319-64248-2\\_20](https://doi.org/10.1007/978-3-319-64248-2_20) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Dynamic and distributed security management for NoC Based MPSoCs**

**Azad, Siavoosh Payandeh; Jervan, Gert;** Sepulveda, Johanna Computational Science - ICCS 2019 : 19th International Conference, Faro, Portugal, June 12-14, 2019 : Proceedings, Part II 2019 / p. 649–662 : ill [https://doi.org/10.1007/978-3-030-22741-8\\_4](https://doi.org/10.1007/978-3-030-22741-8_4) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

**A dynamic lighting system for workplaces deficient of daylight**

**Koppel, Tarmo; Tint, Piia** Environmental health risk VII 2013 / p. 105-116 : ill <https://doi.org/10.2495/EHR130101> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Dynamically integrating electronic - with personal health records for ad-hoc healthcare quality improvements**

**Kormiltsõn, Aleksandr; Norta, Alexander** Digital Transformation and Global Society : Second International Conference, DTGS 2017, St. Petersburg, Russia, June 21-23, 2017 : revised selected papers 2017 / p. 385-399 : ill [https://doi.org/10.1007/978-3-319-69784-0\\_33](https://doi.org/10.1007/978-3-319-69784-0_33) [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](#)

**Dynamics of discontinuities in elastic solids**

**Berezovski, Arkadi;** Berezovski, Mihail Mathematics and mechanics of solids 2020 / p. 1416-1428 <https://doi.org/10.1177/1081286517718603> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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](#)

**EcoLight : Eco-friendly traffic signal control driven by urban noise prediction**

**Ounoughi, Chahinez; Touibi, Ghofrane; Ben Yahia, Sadok** Database and Expert Systems Applications : 33rd International Conference, DEXA 2022, Vienna, Austria, August 22-24, 2022 : proceedings, Part I 2022 / p. 205–219 [https://doi.org/10.1007/978-3-031-12423-5\\_16](https://doi.org/10.1007/978-3-031-12423-5_16) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Economic dispatch of CHP units through District Heating Network's demand-side management**

**Rušeljuk, Pavel; Lepiksaar, Kertu; Siirde, Andres; Volkova, Anna** Energies 2021 / art. 4553, 20 p. : ill <https://doi.org/10.3390/en14154553> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**E-court transition process : identifying critical factors and recommendations for developing countries**

Adeleye, Jesujoba Tolulope; **Ahmed, Rozha Kamal; Nyman-Metcalf, Katrin Merike; Draheim, Dirk** Electronic Governance and Open Society: Challenges in Eurasia : 8th International Conference, EGOS 2021, Saint Petersburg, Russia, November 24–25, 2021 : proceedings 2022 / p. 305–317 [https://doi.org/10.1007/978-3-031-04238-6\\_23](https://doi.org/10.1007/978-3-031-04238-6_23) [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Edge-to-Fog collaborative computing in a swarm of drones**

**Rahbari, Dadmehr; Alam, Muhammad Mahtab; Le Moullec, Yannick; Jenihhin, Maksim** Advances in Model and Data Engineering in the Digitalization Era : MEDI 2021 International Workshops: DETECT, SIAS, CSMML, BIOC, HEDA, Tallinn, Estonia, June 21–23, 2021 : proceedings 2021 / p. 78–87 [https://doi.org/10.1007/978-3-030-87657-9\\_6](https://doi.org/10.1007/978-3-030-87657-9_6) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Effects of coupling combined heat and power production with district cooling**

**Lepiksaar, Kertu; Mašatin, Vladislav; Krupenski, Igor; Volkova, Anna** Energies 2023 / art. 4552 <https://doi.org/10.3390/en16124552> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effects of the COVID-19 pandemic on energy systems and electric power grids — a review of the challenges ahead**

Navon, Aviad; Machlev, Ram; Carmon, David; **Onile, Abiodun Emmanuel; Belikov, Juri;** Levron, Yoash Energies 2021 / art. 1056, 14 p. : ill <https://doi.org/10.3390/en14041056> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [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](#)

**An efficient neural network for the diagnosis of Parkinson's disease using dynamic handwriting analysis**

Wang, Xuechao; **Nömm, Sven;** Huang, Junqing; Chatzakou, Marianna; Ruzhansky, Michael Extended Abstracts MWCAPDE 2023 : Methusalem Workshop on Classical Analysis and Partial Differential Equations 2024 / p. 97 - 104 [https://doi.org/10.1007/978-3-031-41665-1\\_11](https://doi.org/10.1007/978-3-031-41665-1_11) [Article Collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**An efficient non-inverting buck-boost converter with improved step up/down ability**

**Abdelrahim Abdelghafour, Omar Mohamed; Chub, Andrii; Blinov, Andrei; Vinnikov, Dmitri;** Peftitsis, Dimosthenis Energies 2022 / art. 4550 <https://doi.org/10.3390/en15134550> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **E-government services migration to the public cloud : experiments and technical findings**

**Kotka, Taavi**; Johnson, Bruce; Cebul, Tomaz; Lovosevic, Luka; **Liiv, Innar** Electronic Government and the Information Systems Perspective : 5th International Conference, EGOVIS 2016, Porto, Portugal, September 5-8, 2016 : proceedings 2016 / p. 62-76 : ill [https://doi.org/10.1007/978-3-319-44159-7\\_5](https://doi.org/10.1007/978-3-319-44159-7_5) [http://www.estec.ee/record=b4645628\\*est](http://www.estec.ee/record=b4645628*est) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **eIDAS implementation challenges : the case of Estonia and the Netherlands**

**Lips, Silvia**; Bharosa, Nitesh; **Draheim, Dirk** Electronic Governance and Open Society: Challenges in Eurasia : 7th International Conference, EGOS 2020, St. Petersburg, Russia, November 18-19, 2020 : proceedings 2020 / p. 75-89 [https://doi.org/10.1007/978-3-030-67238-6\\_6](https://doi.org/10.1007/978-3-030-67238-6_6) [Conference proceeding at Scopus](#) [Article at Scopus](#)

### **Eilenberg-Kelly reloaded**

**Uustalu, Tarmo**; **Veltri, Niccolo**; Zeilberger, Noam Electronic notes in theoretical computer science 2020 / p. 233-256 <https://doi.org/10.1016/j.entcs.2020.09.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Electric vehicles charging infrastructure demand and deployment : challenges and solutions**

**Singh, Praveen Prakash**; **Wen, Fushuan**; **Palu, Ivo**; Sachan, Sulabh; Deb, Sanchari Energies 2023 / art. 7 <https://doi.org/10.3390/en16010007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Electrochemical analysis of friction welded 17-4 PH stainless steel components manufactured by selective laser melting**

Dinesh, Lanka; Nitheesh Kumar, R.; **Prashanth, Konda Gokuldoss**; Sivaprasad, K. International journal on interactive design and manufacturing 2023 / 8 p. : ill <https://doi.org/10.1007/s12008-023-01659-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Electromechanical coupling of waves in nerve fibres**

**Engelbrecht, Jüri**; **Peets, Tanel**; **Tamm, Kert** Biomechanics and modeling in mechanobiology 2018 / p. 1771-1783 : ill <https://doi.org/10.1007/s10237-018-1055-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Electronic and optical properties of magnesium and calcium hydroxides : the role of covalency and many-body effects**

Karazhanov, Smagul Zh.; Pishtshev, Aleksandr; **Klopov, Mihhail** Physica Scripta 2015 / art. 094015 <https://doi.org/10.1088/0031-8949/90/9/094015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Electronic excitations and self-trapping of electrons and holes in CaSO<sub>4</sub>**

Kudrjavitseva, Irina; **Klopov, Mihhail**; Luštsik, Aleksandr Physica scripta 2014 / p. 1-6 : ill <https://doi.org/10.1088/0031-8949/89/4/044013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Elevator passenger in-cabin behaviour – a study on Smart-Elevator Platform**

**Basov, Kevin**; **Robal, Tarmo**; **Reinsalu, Uljana**; **Leier, Mairo** Digital Business and Intelligent Systems : 15th International Baltic Conference, Baltic DB&IS 2022, Riga, Latvia, July 4-6, 2022 : proceedings 2022 / p. 3-18 : ill [https://doi.org/10.1007/978-3-031-09850-5\\_1](https://doi.org/10.1007/978-3-031-09850-5_1) [Conference proceedings 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](#)

### **An embedded half-bridge F-Z-source inverter with reduced voltage stress on capacitors**

**Mashinchi Maheri, Hamed**; **Vinnikov, Dmitri**; Nozadian, Mohsen Hasan Babayi; Shokati Asl, Elias; Babaei, Ebrahim; **Chub, Andrii** Energies 2021 / art. 6433, 21 p. : ill <https://doi.org/10.3390/en14196433> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Emerging technologies and space**

**Carlo, Antonio**; Roux, Lucille Modelling and Simulation for Autonomous Systems : 8th International Conference, MESAS 2021, Virtual Event, October 13-14, 2021 2022 / p. 494-508 [https://doi.org/10.1007/978-3-030-98260-7\\_32](https://doi.org/10.1007/978-3-030-98260-7_32) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Enantioselective Catalytic Synthesis of N-alkylated Indoles**

**Trubitsin, Dmitri**; **Kanger, Tõnis** Symmetry 2020 / art. 1184 ; 30 p.: ill <https://doi.org/10.3390/sym12071184> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Energy cascade connection of a low-temperature district heating network to the return line of a high-temperature district heating network**

**Volkova, Anna**; **Krupenski, Igor**; Ledvanov, Aleksandr; Hlebnikov, Aleksandr; **Lepiksaar, Kertu**; **Latõšov, Eduard**; **Mašatin, Vladislav** Energy 2020 / art. 117304, 15 p. : ill <https://doi.org/10.1016/j.energy.2020.117304> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Energy performance certificate classes rating methods tested with data : how does the application of minimum energy performance standards to worst-performing buildings affect renovation rates, costs, emissions, energy consumption?**  
Ferrantelli, Andrea; Kurnitski, Jarek Energies 2022 / art. 7552 <https://doi.org/10.3390/en15207552> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metric at WOS](#) [Article at WOS](#)

**Energy pile field simulation in large buildings: validation of surface boundary assumptions**  
Ferrantelli, Andrea; Fadejev, Jevgeni; Kurnitski, Jarek Energies 2019 / art. 770, 20 p. : ill <https://doi.org/10.3390/en12050770> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Energy storage for 1500 V photovoltaic systems : A comparative reliability analysis of DC-and AC-Coupling**  
He, Jinkui; Yang, Yongheng; Vinnikov, Dmitri Energies 2020 / art. 3355, 16 p. : ill <https://doi.org/10.3390/en13133355> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Energy-efficient multi-fragment Markov model guided online model-based testing for MPSoC**  
Vain, Jüri; Tsiopoulos, Leonidas; Kharchenko, Vyacheslav; Apneet Kaur; Jenihhin, Maksim; Raik, Jaan; Nõmm, Sven Green IT Engineering: Social, Business and Industrial Applications 2019 / p. 273-297 [https://doi.org/10.1007/978-3-030-00253-4\\_12](https://doi.org/10.1007/978-3-030-00253-4_12) [Article collection at Scopus](#) [Article at Scopus](#)

**Enhanced IoT-based end-to-end emergency and disaster relief system**  
Ben Arbia, Dhafer; Alam, Muhammad Mahtab; Kadri, Abdullah; Ben Hamida, Elyes; Attia, Rabah Journal of sensor and actuator networks 2017 / art. 19, p. 1-18 : ill <https://doi.org/10.3390/jsan6030019> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Enhancement of the e-invoicing systems by increasing the efficiency of workflows via disruptive technologies**  
Gunaratne, Hiruni; Pappel, Ingrid Electronic Governance and Open Society: Challenges in Eurasia : 7th International Conference, EGOSE 2020, St. Petersburg, Russia, November 18-19, 2020 : proceedings 2020 / p. 60-74 [https://doi.org/10.1007/978-3-030-67238-6\\_5](https://doi.org/10.1007/978-3-030-67238-6_5) [Conference proceeding at Scopus](#) [Article at Scopus](#)

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

**Enhancing public e-service delivery : recognizing and meeting user needs of youngsters in Estonia**  
Ruus, Marili; Pappel, Ingrid; Tsap, Valentyna; Draheim, Dirk Digital Transformation and Global Society : 4th International Conference, DTGS 2019, St. Petersburg, Russia, June 19–21, 2019 : Revised Selected Papers 2019 / p. 29-40 [https://doi.org/10.1007/978-3-030-37858-5\\_3](https://doi.org/10.1007/978-3-030-37858-5_3) [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Enhancing semantics-driven recommender systems with visual features**  
Bendouch, Mounir M.; Frasinicar, Flavius; Robal, Tarmo Advanced Information Systems Engineering34th International Conference, CAISE 2022, Leuven, Belgium, June 6-10, 2022, Proceedings 2022 / p. 443–459 [https://doi.org/10.1007/978-3-031-07472-1\\_26](https://doi.org/10.1007/978-3-031-07472-1_26) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Ensemble approach for detection of depression using EEG features**  
Avots, Egils; Jermakovs, Klavs; Bachmann, Maie; Päeske, Laura; Ozcinar, Cagri; Anbarjafari, Gholamreza Entropy 2022 / art. 211 <https://doi.org/10.3390/e24020211> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Enzymatic conversion of hydrolysis lignin - a potential biorefinery approach**  
Khan, Sharib; Puss, Kait Kaarel; Lukk, Tiit; Loog, Mart; Kikas, Timo; Salmar, Siim Energies 2023 / art. 370, 13 p. : ill <https://doi.org/10.3390/en16010370> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Enterprise security analysis and training experience**  
Ojamaa, Andres; Tõugu, Enn Critical Information Infrastructures Security : 9th International Conference, CRITIS 2014, Limassol, Cyprus, October 13-15, 2014 : revised selected papers 2016 / p. 200-208 : ill [https://doi.org/10.1007/978-3-319-31664-2\\_21](https://doi.org/10.1007/978-3-319-31664-2_21) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Environmental performance-driven urban design: parametric design method for the integration of daylight and urban comfort analysis in cold climates**  
De Luca, Francesco Computer-aided architectural design. "Hello, Culture" : 18th International Conference, CAAD Futures 2019, Daejeon, Republic of Korea, June 26–28, 2019 : selected papers 2019 / p. 15-31 [https://doi.org/10.1007/978-981-13-8410-3\\_2](https://doi.org/10.1007/978-981-13-8410-3_2) [Conference proceedings at Scopus](#) [Article at Scopus](#) [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](#)

**Erratum to "On  $\delta$ -derivations of Lie algebras and superalgebras" [J. Algebra 324 (12) (2010) 3470-3486]**

**Zusmanovich, Pasha** Journal of algebra 2014 / p. 545-546 <https://doi.org/10.1016/j.jalgebra.2013.08.036> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Establishing distributed governance infrastructures for enacting cross-organization collaborations**

**Norta, Alexander** Service-Oriented Computing - ICSOC 2015 Workshops : WESOA, RMSOC, ISC, DISCO, WESE, BSCI, FOR-MOVES, Goa, India, November 16-19, 2015 : revised selected papers 2016 / p. 24-35 [https://doi.org/10.1007/978-3-662-50539-7\\_3](https://doi.org/10.1007/978-3-662-50539-7_3) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Estonian e-residency : benefits, risk and lessons learned**

**Kotka, Taavi**; Vargas Alvarez del Castillo, Carlos Ivan; Korjus, Kaspar Electronic Government and the Information Systems Perspective : 5th International Conference, EGOVIS 2016, Porto, Portugal, September 5-8, 2016 : proceedings 2016 / p. 3-15 : ill [https://doi.org/10.1007/978-3-319-44159-7\\_1](https://doi.org/10.1007/978-3-319-44159-7_1) [http://www.estel.ee/record=b4645628\\*est](http://www.estel.ee/record=b4645628*est) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Euler diagrams through the looking glass : from extent to intent**

Stapleton, Gem; **Moktefi, Amirouche**; Howse, John; Burton, Jim Diagrammatic Representation and Inference : 10th International Conference, Diagrams 2018, Edinburgh, UK, June 18–22, 2018 : proceedings 2018 / p. 365-381 : ill [https://doi.org/10.1007/978-3-319-91376-6\\_34](https://doi.org/10.1007/978-3-319-91376-6_34) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Eulerian–Eulerian RSTM-PDF modeling of turbulent particulate flow**

**Kartušinski, Aleksander**; Michaelides, Efstathios E.; **Hussainov, Medhat**; **Štšeglov, Igor**; Akhmadullin, Ildar Mathematics 2023 / art. 2647, 15 p. : ill <https://doi.org/10.3390/math11122647> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Evaluating outdoor thermal comfort using a mixed-method to improve the environmental quality of a university campus**

**Eslamirad, Nasim**; Sepulveda Luque, Abel; De Luca, Francesco; **Lylykangas, Kimmo Sakari** Energies 2022 / art. 1577, 26 p. : ill <https://doi.org/10.3390/en15041577> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Evaluation of anonymization tools for health data**

**Vovk, Olga**; **Piho, Gunnar**; **Ross, Peeter** Advances in Model and Data Engineering in the Digitalization Era : MEDI 2021 International Workshops: DETECT, SIAS, CSMML, BIOC, HEDA, Tallinn, Estonia, June 21–23, 2021 : proceedings 2021 / p. 302–313 [https://doi.org/10.1007/978-3-030-87657-9\\_23](https://doi.org/10.1007/978-3-030-87657-9_23) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Event detection based on open information extraction and ontology**

Sahnoun, Sihem; Elloumi, Samir; **Ben Yahia, Sadok** Computational Collective Intelligence : 11th International Conference, ICCCI 2019, Hendaye, France, September 4–6, 2019 : proceedings, part I 2019 / p. 244-255 : ill [https://doi.org/10.1007/978-3-030-28377-3\\_20](https://doi.org/10.1007/978-3-030-28377-3_20) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

**Evidential decision theory via partial Markov categories**

**Di Lavore, Elena**; **Roman Garcia, Mario** 2023 38th Annual ACM/IEEE Symposium on Logic in Computer Science (LICS) : Boston, MA, USA : 26-29 June 2023 2023 / 14 p. : ill <https://doi.org/10.1109/LICS56636.2023.10175776> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**E-voting – an overview of the development in the past 15 years and current discussions**

**Krimmer, Robert Johannes**; Volkamer, Melanie; Duenas Cid, David Electronic Voting : 4th International Joint Conference, E-Vote-ID 2019, Bregenz, Austria, October 1–4, 2019, Proceedings 2019 / p. 1-13 [https://doi.org/10.1007/978-3-030-30625-0\\_1](https://doi.org/10.1007/978-3-030-30625-0_1) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

**E-Voting System evaluation based on the Council of Europe recommendations: nVotes**

Marcos del Blanco, David Yeregui; **Duenas Cid, David**; Alaiz Moreton, Hector Fifth International Joint Conference on Electronic Voting : E-Vote-ID 2020, 6-9 October 2020 : proceedings 2020 / p. 138-154 : ill <https://digikogu.taltech.ee/et/Item/593d1e1a-9bbc-439b-afdc-f72abfcc8afa> [Article at Scopus](#) [Conference proceedings at Scopus](#) [Conference proceedings 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](#)

**Existential graphs as an instrument of logical analysis : part I. Alpha**

**Bellucci, Francesco**; **Pietarinen, Ahti-Veikko** The review of symbolic logic 2016 / p. 209-237 : ill <https://doi.org/10.1017/S1755020315000362> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Expect : eXplainable prediction model for energy consumption**

Mouakher, Amira; Inoubli, Wissem; Ounoughi, Chahinez; Ko, Andrea Mathematics 2022 / art. 248

<https://doi.org/10.3390/math10020248> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Expected vs. unexpected : selecting right measures of interestingness**

Sharma, Rahul; Kaushik, Minakshi; Arakkal Peious, Sijo; Ben Yahia, Sadok; Draheim, Dirk Big Data Analytics and Knowledge

Discovery : 22nd International Conference, DaWaK 2020, Bratislava, Slovakia, September 14–17, 2020 : proceedings 2020 / p. 38–

47 [https://doi.org/10.1007/978-3-030-59065-9\\_4](https://doi.org/10.1007/978-3-030-59065-9_4) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at](#)

[WOS](#) [Article at WOS](#)

### **The experience of a selfassessment tool for enhancing XR technology adoption in SMEs and HEIs across Europe**

Köse, Ahmet; Tepljakov, Aleksei; Alsaleh, Saleh Ragheb Saleh; Petlenkov, Eduard Extended Reality: International Conference,

XR Salento 2023, Lecce, Italy, September 6–9, 2023, Proceedings, Part I 2023 / p. 184–197 [https://doi.org/10.1007/978-3-031-43401-](https://doi.org/10.1007/978-3-031-43401-3_12)

[3\\_12](#) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

### **Experimental comparison of two-level full-SiC and three-level Si–SiC quasi-Z-source inverters for PV applications**

Stepenko, Serhii; Husev, Oleksandr; Vinnikov, Dmitri; Roncero-Clemente, Carlos; Pires Pimentel, Sergio; Santasheva, Elena

Energies 2019 / 2509 ; 17 p. : ill <https://doi.org/10.3390/en12132509> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at](#)

[WOS](#) [Article at WOS](#)

### **Experiments with LLMs for converting language to logic**

Tammet, Tanel; Järvi, Priit; Verrev, Martin; Draheim, Dirk Neural-Symbolic Learning and Reasoning : 18th International

Conference, NeSy 2024, Barcelona, Spain, September 9–12, 2024, Proceedings, Part II 2024 / p. 305 – 314

[https://doi.org/10.1007/978-3-031-71170-1\\_24](https://doi.org/10.1007/978-3-031-71170-1_24) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Exploiting factory telemetry to support virtual reality simulation in robotics cell**

Kuts, Vladimir; Modoni, Gianfranco E.; Terkaj, Walter; Tähemaa, Toivo; Sacco, Marco; Otto, Tauno Augmented Reality, Virtual

Reality, and Computer Graphics : 4th International Conference, AVR 2017, Ugento, Italy, June 12–15, 2017 : proceedings. Part I 2017

/ p. 212–221 : ill [https://doi.org/10.1007/978-3-319-60922-5\\_16](https://doi.org/10.1007/978-3-319-60922-5_16) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Exploratory analysis of collective intelligence projects developed within the EU-Horizon 2020 framework**

Suran, Shweta; Pattanaik, Vishwajeet; Ben Yahia, Sadok; Draheim, Dirk Computational Collective Intelligence 11th International

Conference, ICCCI 2019, Hendaye, France, September 4–6, 2019, Proceedings, Part II 2019 / p. 285–296 [https://doi.org/10.1007/978-](https://doi.org/10.1007/978-3-030-28374-2_25)

[3-030-28374-2\\_25](#) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

### **Exploratory data analysis based short-term electrical load forecasting : a comprehensive analysis**

Javed, Umar; Ijaz, Khalid; Shabbir, Noman; Kütt, Lauri; Husev, Oleksandr Energies 2021 / art. 5510

<https://doi.org/10.3390/en14175510> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Exploring e-services development in local government authorities by means of electronic document management systems**

Pappel, Ingrid; Tsap, Valentyna; Pappel, Ingmar; Draheim, Dirk Electronic Governance and Open Society : Challenges in

Eurasia 5th International Conference, EGOSE 2018, St. Petersburg, Russia, November 14–16, 2018 : Revised Selected Papers

2019 / p. 223–234 . ill [https://doi.org/10.1007/978-3-030-13283-5\\_17](https://doi.org/10.1007/978-3-030-13283-5_17) [Conference proceedings at Scopus](#) [Article at Scopus](#) [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](#)

### **Extending the “Smart City” concept to small-to-medium sized Estonian municipalities: initiatives and challenges faced**

Fröhlich, K. A.; Soe, Ralf-Martin; Maoneke, P.B.; Jain, K.; Pinomaa, A.; Nieminen, M. Information Systems : 19th European,

Mediterranean, and Middle Eastern Conference, EMCIS 2022, Virtual Event, December 21–22, 2022 : proceedings 2023 / p. 264–

276 [https://doi.org/10.1007/978-3-031-30694-5\\_20](https://doi.org/10.1007/978-3-031-30694-5_20) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Extensions of Euler diagrams in Peirce's four manuscripts on logical graphs**

Pietarinen, Ahti-Veikko Diagrammatic Representation and Inference : 9th International Conference, Diagrams 2016, Philadelphia,

PA, USA, August 7–10, 2016 : proceedings 2016 / p. 139–154 : ill [https://doi.org/10.1007/978-3-319-42333-3\\_11](https://doi.org/10.1007/978-3-319-42333-3_11) [Conference](#)

[Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Extra cost analyses of two apartment buildings for achieving nearly zero and low energy buildings**

**Pikas, Ergo; Thalfeldt, Martin; Kurnitski, Jarek; Liias, Roode** Energy 2015 / p. 623-633 : ill  
<https://doi.org/10.1016/j.energy.2015.03.026> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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](#)

**Factors affecting e-ID public acceptance : a literature review**

**Tsap, Valentyna; Pappel, Ingrid; Draheim, Dirk** Electronic Government and the Information Systems Perspective : 8th International Conference, EGOVIS 2019 : Linz, Austria, August 26–29, 2019 : proceedings 2019 / p. 176-188 : tab [https://doi.org/10.1007/978-3-030-27523-5\\_13](https://doi.org/10.1007/978-3-030-27523-5_13) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

**FARMUR: fair adversarial retraining to mitigate unfairness in robustness**

Mousavi, Seyed Ali; Mousavi, Hamid; **Daneshtalab, Masoud** Advances in Databases and Information Systems: 27th European Conference, ADBIS 2023, Barcelona, Spain, September 4–7, 2023 : proceedings 2023 / p. 133-145 [https://doi.org/10.1007/978-3-031-42914-9\\_10](https://doi.org/10.1007/978-3-031-42914-9_10) [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Fault detecting accuracy of mechanical damages in rolling bearings**

**Kudelina, Karolina; Baraškova, Tatjana; Shirokova, Veroonika; Vaimann, Toomas; Rassõlkin, Anton** Machines 2022 / art. 86 <https://doi.org/10.3390/machines10020086> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Faulty plant reconfiguration based on disturbance decoupling methods**

**Kaldmäe, Arvo; Kotta, Ülle**; Jiang, Bin; Shumsky, Alexey Ye.; Zhirabok, Alexey N. Asian journal of control 2016 / p. 858-867 : ill <https://doi.org/10.1002/asjc.1185> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Feasibility study GaN transistors application in the novel split-coils inductive power transfer system with T-Type inverter**

Shevchenko, Viktor; Pakhaliuk, Bohdan; **Husev, Oleksandr**; Veligorskyi, Oleksandr; Stepins, Deniss; Strzelecki, Ryszard Energies 2020 / art. 4535, 16 p. : ill <https://doi.org/10.3390/en13174535> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Feasible path planning for autonomous vehicles**

**Vu, Trieu Minh**; Pumwa, John Mathematical problems in engineering 2014 / p. 1-12 : ill <https://doi.org/10.1155/2014/317494> [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](#)

**Fekete's lemma for componentwise subadditive functions of two or more real variables**

**Capobianco, Silvio** Acta et Commentationes Universitatis Tartuensis de Mathematica 2022 / p. 45-62 : ill <https://doi.org/10.12697/ACUTM.2022.26.04> [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](#)

**A flapped paddle-fin for improving underwater propulsive efficiency of oscillatory actuation**

**Simha, Ashutosh; Gkliva, Roza; Kotta, Ülle; Kruusmaa, Maarja** IEEE robotics and automation letters 2020 / p. 3176-3181 <https://doi.org/10.1109/LRA.2020.2975747> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Flexibly graded monads and graded algebras**

McDermott, Dylan; **Uustalu, Tarmo** Mathematics of Program Construction : 14th International Conference on Mathematics of Program Construction, MPC 2022, Tbilisi, September 26-28, 2022 : proceedings 2022 / p. 102-128 : ill [https://doi.org/10.1007/978-3-031-16912-0\\_4](https://doi.org/10.1007/978-3-031-16912-0_4) [Conference Proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#) [Conference proceeding at WOS](#)

**Floor selection proposal for automated travel with smart elevator**

**Reinsalu, Uljana; Robal, Tarmo; Leier, Mairo** Databases and Information Systems : 14th International Baltic Conference, DB&IS 2020, Tallinn, Estonia, June 16-19, 2020 : Proceedings 2020 [https://doi.org/10.1007/978-3-030-57672-1\\_4](https://doi.org/10.1007/978-3-030-57672-1_4) [Conference proceeding at Scopus](#) [Article at Scopus](#)

**Flow velocity estimation using a fish-shaped lateral line probe with product-moment correlation features and a neural network**

**Tuhtan, Jeffrey Andrew; Fuentes-Pérez, Juan Francisco; Toming, Gert; Kruusmaa, Maarja** Flow measurement and instrumentation 2017 / p. 1-8 : ill <https://doi.org/10.1016/j.flowmeasinst.2016.10.017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal](#)

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

#### **Flow-relative control of an underwater robot**

**Salumäe, Taavi; Kruusmaa, Maarja** Proceedings of the Royal Society. A, Mathematical, physical & engineering sciences 2013 / art. 20120671 <https://doi.org/10.1098/rspa.2012.0671> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **The Foldy-Lax approximation of the scattered waves by many small bodies for the Lamé system**

**Challa, Durga Prasad; Sini, Mourad** Mathematische Nachrichten 2015 / p. 1834-1872 <https://doi.org/10.1002/mana.201400137> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Forecasting available demand-side flexibility**

**Ahmadihangar, Roya; Rosin, Argo; Palu, Ivo; Azizi, Aydin** Demand-side flexibility in smart grid 2020 / p. 39-49 [https://doi.org/10.1007/978-981-15-4627-3\\_4](https://doi.org/10.1007/978-981-15-4627-3_4) [Journal metrics at Scopus](#) [Article at Scopus](#)

#### **FoREnSiC– an automatic debugging environment for C programs**

**Bloem, Roderick; Raik, Jaan; Repinski, Urmaz** Eighth Haifa Verification Conference : HVC 2012 : November 6-8, Haifa, Israel : [proceedings] 2013 / p. 260-265 : ill [https://doi.org/10.1007/978-3-642-39611-3\\_24](https://doi.org/10.1007/978-3-642-39611-3_24) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

#### **Formal verification of COLREG-Based Navigation of maritime autonomous systems**

**Shokri-Manninen, Fatima; Vain, Jüri; Walden, Marina** Software Engineering and Formal Methods : 18th International Conference, SEFM 2020, Amsterdam, The Netherlands, September 14-18, 2020 : Proceedings 2020 / p. 41-59 [https://doi.org/10.1007/978-3-030-58768-0\\_3](https://doi.org/10.1007/978-3-030-58768-0_3) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

#### **Formalizing CCS and $\pi$ -calculus in Guarded Cubical Agda**

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

#### **Formalizing restriction categories**

**Chapman, James; Uustalu, Tarmo; Veltri, Niccolo** Journal of formalized reasoning 2017 / p. 1-36 <https://doi.org/10.6092/issn.1972-5787/6237> [Journal metrics at Scopus](#) [Article at Scopus](#)

#### **Formal-verification of smart-contract languages : a survey**

**Dwivedi, Vimal Kumar; Deval, Vipin; Dixit, Abhishek; Norta, Alexander** Advances in Computing and Data Sciences : Third International Conference, ICACDS 2019 : Ghaziabad, India, April 12–13, 2019 : revised selected papers, part II 2019 / p. 738-747 [https://doi.org/10.1007/978-981-13-9942-8\\_68](https://doi.org/10.1007/978-981-13-9942-8_68) [Conference proceedings 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](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](#)

#### **Fractional order sliding mode controller based on supervised machine learning techniques for speed control of PMSM**

**Zahraoui, Younes; Zaihidee, Fardila M.; Kermadi, Mostefa; Mekhilef, Saad; Mubin, Marizan; Tang, Jing Rui; Zaihidee, Ezrinda M.** Mathematics 2023 / art. 1457 <https://doi.org/10.3390/math11061457> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **A framework for comprehensive impact assessment in the case of an extreme winter scenario, considering integrative aspects of systemic vulnerability and resilience**

**Molarius, Riitta; Tuomaala, Pekka; Piira, Kalevi; Räikkönen, Minna; Aubrecht, Christoph; Polese, Maria; Zuccaro, Giulio; Pilli-Sihvola, Karoliina; Rannat, Kalev** CMES - Computer Modeling in Engineering and Sciences 2015 / p. 131 - 158 <https://www.techscience.com/CMES/v109-110n2/27295> <https://doi.org/10.3970/cmcs.2015.109.131> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **A framework for data-driven public service co-production**

**Toots, Maarja; McBride, Keegan David Braun; Kalvet, Tarmo; Krimmer, Robert Johannes** Electronic Government : 16th IFIP WG 8.5 International Conference : EGOV 2017, St. Petersburg, Russia, September 4-7, 2017 : proceedings 2017 / p. 264-275 : ill [https://doi.org/10.1007/978-3-319-64677-0\\_22](https://doi.org/10.1007/978-3-319-64677-0_22) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Framework for peer-to-peer data sharing over Web browsers**

**Pattanaik, Vishwajeet; Sharvadze, Ioane; Draheim, Dirk** Future Data and Security Engineering : 6th International Conference, FDSE 2019 Nha Trang City, Vietnam, November 27–29, 2019 : proceedings 2019 / p. 207-225 : ill [https://doi.org/10.1007/978-3-030-35653-8\\_14](https://doi.org/10.1007/978-3-030-35653-8_14) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

**A framework for the adoption of blockchain-based e-procurement systems in the public sector : A case study of Nigeria Akaba, Temofe Isaac; Norta, Alexander; Udokwu, Chibuzor; Draheim, Dirk** Responsible Design, Implementation and Use of Information and Communication Technology : 19th IFIP WG 6.11 Conference on e-Business, e-Services, and e-Society, I3E 2020, Skukuza, South Africa, April 6–8, 2020 : Proceedings, Part I 2020 [https://doi.org/10.1007/978-3-030-44999-5\\_1](https://doi.org/10.1007/978-3-030-44999-5_1) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Frameworks for collective intelligence : a systematic literature review**

**Suran, Shweta; Pattanaik, Vishwajeet; Draheim, Dirk** ACM computing surveys 2020 / art. 14, p. 1–36  
<https://doi.org/10.1145/3368986> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Freely combining partial knowledge in multiple dimensions (extended abstract)**

**Draheim, Dirk** Future Data and Security Engineering : 5th International Conference, FDSE 2018, Ho Chi Minh City, Vietnam, November 28–30, 2018, Proceedings 2018 / p. 3-11 [https://doi.org/10.1007/978-3-030-03192-3\\_1](https://doi.org/10.1007/978-3-030-03192-3_1) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Frictional wear and corrosion behavior of AlCoCrFeNi high-entropy alloy coatings synthesized by atmospheric plasma spraying**

**Mu, Yongkun; Zhang, Liangbo; Xu, Long; Prashanth, Konda Gokuldoss; Zhang, Nizhen; Ma, Xindi; Jia, Yuefei; Xu, Yulai; Jia, Yandong; Wang, Gang** Entropy 2020 / art. 740 <https://doi.org/10.3390/e22070740> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**From bench to bedside**

**Arezzo, Alberto; Kruusmaa, Maarja; Mylonas, George** IEEE Transactions on Medical Robotics and Bionics 2022 / p. 297 - 299  
<https://doi.org/10.1109/TMRB.2022.3172013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**From sensors to Dempster-Shafer theory and back : the axiom of ambiguous sensor correctness and its applications**

**Draheim, Dirk; Tammet, Tanel** Database and Expert Systems Applications : 31st International Conference, DEXA 2020, Bratislava, Slovakia, September 14–17, 2020 : Proceedings, Part I 2020 / p. 3-19 [https://doi.org/10.1007/978-3-030-59003-1\\_1](https://doi.org/10.1007/978-3-030-59003-1_1) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

**Future opportunities for systematic AI support in healthcare**

**Bertl, Markus; Piho, Gunnar; Draheim, Dirk; Ross, Peeter; Pechmann, Ludwig; Bucciarelli, Nicholas; Sharma, Rahul** Bridging the Gap Between AI and Reality : First International Conference, AISoLA 2023, Crete, Greece, October 23–28, 2023, Selected Papers 2024 / p. 203 - 224 [https://doi.org/10.1007/978-3-031-73741-1\\_13](https://doi.org/10.1007/978-3-031-73741-1_13) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**General control modulo and Tauberian remainder theorems for (C, 1) summability**

**Meronen, Olga; Tammerai, Ivar** Mathematical modelling and analysis 2013 / p. 97-102  
<https://doi.org/10.3846/13926292.2013.758674> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Generalization of the double-reversal method of finding a canonical residual finite state automaton**

**Tamm, Hellis** Descriptive Complexity of Formal Systems 17th International Workshop, DCFS 2015, Waterloo, ON, Canada, June 25-27, 2015. Proceedings 2015 / p. 268 - 279 [https://doi.org/10.1007/978-3-319-19225-3\\_23](https://doi.org/10.1007/978-3-319-19225-3_23) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Generation of stable polytopes of Hurwitz polynomials via Routh parameters**

**Nurges, Ülo; Artemtšuk, Igor; Belikov, Juri** 53rd IEEE Conference on Decision and Control : December 15-17, 2014, Los Angeles, California, USA 2014 / p. 2390-2395 : ill <https://doi.org/10.1109/CDC.2014.7039753> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Genetic approximations for the failure-free security games**

**Lenin, Aleksandr; Willemson, Jan; Charnamord, Anton** Decision and game theory for security : 6th International Conference, GameSec 2015, London, UK, November 4-5, 2015 : proceedings 2015 / p. 311-321 : ill [https://doi.org/10.1007/978-3-319-25594-1\\_17](https://doi.org/10.1007/978-3-319-25594-1_17) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Genome-scale metabolic modeling reveals metabolic trade-offs associated with lipid production in Rhodotorula toruloides**

**Rejzner, Alina; Pinheiro, Marina J.; Bonturi, Nemailla; Belouah, Isma; Tammekivi, Eliise; Herodes, Koit; Kerkhoven, Eduard J.; Lahtvee, Petri-Jaan** PLoS computational biology 2023 / art. e1011009 <https://doi.org/10.1371/journal.pcbi.1011009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**GK : Implementing full first order default logic for commonsense reasoning (system description)**

**Tammet, Tanel; Draheim, Dirk; Järv, Priit** Automated Reasoning : 11th International Joint Conference, IJCAR 2022, Haifa, Israel, August 8–10, 2022 : proceedings 2022 / p. 300-309 [https://doi.org/10.1007/978-3-031-10769-6\\_18](https://doi.org/10.1007/978-3-031-10769-6_18) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**GKC: A reasoning system for large knowledge bases**

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

**Global data on earthworm abundance, biomass, diversity and corresponding environmental properties**

Phillips, Helen R. P.; Bach, Elizabeth M.; Bartz, Marie L. C.; Bennett, Joanne M.; Beugnon, Remy; Briones, Maria J. I.; Brown, George G.; Ferlian, Olga; Gongalsky, Konstantin B.; **Ivask, Mari** Scientific data 2021 / art. 136 <https://doi.org/10.1038/s41597-021-00912-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A global database for metacommunity ecology, integrating species, traits, environment and space**

Jeliakov, Alienor; Mijatovic, Darko; Chantepie, Stephane; **Reitalu, Triin** Scientific data 2020 / art. 6 ; 12 p. : ill <https://doi.org/10.1038/s41597-019-0344-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Grand reports : a tool for generalizing association rule mining to numeric target values**

**Arakkal Peious, Sijo; Sharma, Rahul; Kaushik, Minakshi; Shah, Syed Attique; Ben Yahia, Sadok** Big Data Analytics and Knowledge Discovery : 22nd International Conference, DaWaK 2020, Bratislava, Slovakia, September 14-17, 2020 : proceedings 2020 / p. 28-37 [https://doi.org/10.1007/978-3-030-59065-9\\_3](https://doi.org/10.1007/978-3-030-59065-9_3) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Grid-forming operation of energy-router based on model predictive control with improved dynamic performance**

**Najafzadeh, Mahdiyyeh; Strzelecka, Natalia; Husev, Oleksandr; Roasto, Indrek; Nassereddine, Kawsar; Vinnikov, Dmitri; Strzelecki, Ryszard** Energies 2022 / 14 p. : ill <https://doi.org/10.3390/en15114010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Grounding and isolation requirements in DC microgrids: overview and critical analysis**

Azizi, Mohammadreza; **Husev, Oleksandr; Veligorskyi, Oleksandr; Rahimpour, Saeed; Roncero-Clemente, Carlos** Energies 2023 / art. 7747, 23 p. : ill <https://doi.org/10.3390/en16237747> [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](#)

**Guest editorial: New boundaries for robotics**

**Kruusmaa, Maarja; Tan, Xiaobo; Laschi, Cecilia; Fioroni, Paolo; Madhavan, Raj** Robotics and autonomous systems 2014 / p. 1-2 <https://doi.org/10.1016/j.robot.2012.12.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Guest editors' foreword**

**Uustalu, Tarmo; Vain, Jüri** Journal of logical and algebraic methods in programming 2016 / p. 1109 <https://doi.org/10.1016/j.jlamp.2016.10.004> [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, Jürjo-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](#)

**Hairpin windings for electric vehicle motors : modeling and investigation of AC loss-mitigating approaches**

**Ghahfarokhi, Payam Shams; Podgornovs, Andrejs; Cardoso, Antonio J. Marques; Kallaste, Ants; Belahcen, Anouar; Vaimann, Toomas** Machines 2022 / art. 1029 <https://doi.org/10.3390/machines10111029> [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](#)

**Harnessing cloud scalability to hadoop clusters**

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

**Harnessing HARQ retransmissions for fast average consensus over unreliable communication channels**

Makridis, Evagoras; **Charalambous, Themistoklis; Hadjicostis, Christoforos N.** 62nd IEEE Conference on Decision and Control, CDC 2023, Singapore, 13-15 December 2023 / p. 5437-5443 : ill <https://doi.org/10.1109/CDC49753.2023.10383677> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Has the pandemic changed the relationships between fintechs and banks?**

Bedowska-Sojka, Barbara; Kliber, Agata; **Laidroo, Laivi** Operations research and decisions 2023 / p. 15-33  
<https://doi.org/10.37190/ord230402> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Heat loss due to domestic hot water pipes**

**Hamburg, Anti; Mikola, Alo; Parts, Tuule Mall; Kalamees, Targo** Energies 2021 / art. 6446 <https://doi.org/10.3390/en14206446>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Heating sizing power reduction in buildings connected to district heating with dynamically controlled DHW setback and flow limiters**

Hajian, Hatem; **Simson, Raimo; Kurnitski, Jarek** Energies 2022 / art. 5278 <https://doi.org/10.3390/en15145278> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Heightened cyber vulnerability to patients with cardiac implantable electronic devices**

Torgersen, Leanne N.S.; Whitaker, Rupert E.D.; **Lugo, Ricardo Gregorio; Sütterlin, Stefan**; Schulz, Stefan M. HCI International 2023 Posters : 25th International Conference on Human-Computer Interaction, HCI 2023, Copenhagen, Denmark, July 23–28, 2023, Proceedings, Part I 2023 / p. 519-528 [https://doi.org/10.1007/978-3-031-35989-7\\_66](https://doi.org/10.1007/978-3-031-35989-7_66) [Conference Proceedings at scopus](#) [Article at Scopus](#)

### **Helicene-based chiral auxiliaries and chirogenesis**

**Hasan, Mohammed; Borovkov, Victor** Symmetry 2018 / 48 p. : ill <https://doi.org/10.3390/sym10010010> [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>

### **Higher-dimensional subdiagram matching**

**Hadzihasanovic, Amar; Kessler, Diana-Maria** 2023 38th Annual ACM/IEEE Symposium on Logic in Computer Science (LICS) : Boston, MA, USA : 26-29 June 2023 2023 / 13 p <https://doi.org/10.1109/LICS56636.2023.10175726> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **High-level axioms for graphical linear algebra**

Paixao, Joao; Rufino, Lucas; **Sobocinski, Pawel Maria** Science of computer programming 2022 / art. 102791 ; 26 p  
<https://doi.org/10.1016/j.scico.2022.102791> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Highly diastereoselective chelation-controlled 1,3-anti-allylation of (S)-3-(Methoxymethyl)hexanal enabled by hydrate of scandium triflate**

**Masiuk, Uladzimir**; Mineyeva, Iryna; **Kananovich, Dzmitry** Symmetry 2021 / art. 470, 17 p <https://doi.org/10.3390/sym13030470>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **High-performance information processing in distributed computing systems**

Sklyarov, Valery; **Rjabov, Artjom**; Skliarova, Ioulia; **Sudnitsõn, Aleksander** International journal of innovative computing, information and control 2016 / p. 139-160 : ill [https://www.researchgate.net/publication/297047447\\_High-performance\\_information\\_processing\\_in\\_distributed\\_computing\\_systems](https://www.researchgate.net/publication/297047447_High-performance_information_processing_in_distributed_computing_systems) [Journal metrics at Scopus](#) [Article at Scopus](#)

### **High-strength fuel pellets made of flour milling and coal slack wastes**

Tabakaev, Roman; Kahn, Victor; Dubinina, Yuri; **Preis, Sergei** Energy 2022 / art. 123071 <https://doi.org/10.1016/j.energy.2021.123071>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](#)

### **Historio-Graphy**

**Moktefi, Amirouche** Diagrammatic representation and inference : 11th International Conference, Diagrams 2020, Tallinn, Estonia, August 24–28, 2020 : proceedings 2020 / p. 511-514 [https://doi.org/10.1007/978-3-030-54249-8\\_46](https://doi.org/10.1007/978-3-030-54249-8_46) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **A Hoare logic for the coinductive trace-based big-step semantics of While**

**Nakata, Keiko; Uustalu, Tarmo** Logical methods in computer science 2015 / p. 1-32 [https://doi.org/10.2168/LMCS-11\(1:1\)2015](https://doi.org/10.2168/LMCS-11(1:1)2015) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **The how and why to Internet voting an attempt to explain E-Stonia**

Vinkel, Priit; **Krimmer, Robert Johannes** Electronic Voting : First International Joint Conference, E-Vote-ID 2016, Bregenz, Austria, October 18-21, 2016 : proceedings 2017 / p. 178-191 : ill [https://doi.org/10.1007/978-3-319-52240-1\\_11](https://doi.org/10.1007/978-3-319-52240-1_11) [Conference proceedings at](#)

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

#### **How could Snowden attack an election?**

Wikström, Douglas; Barrat, Jordi; Heiberg, Sven; **Krimmer, Robert Johannes**; Schürmann, Carsten Electronic Voting : Second International Joint Conference, E-Vote-ID 2017 : Bregenz, Austria, October 24-27, 2017 : proceedings 2017 / p. 280-291  
[https://doi.org/10.1007/978-3-319-68687-5\\_17](https://doi.org/10.1007/978-3-319-68687-5_17) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **How do NATO members define cyber operations?**

**Arik, Marko** HCI International 2023 – Late Breaking Posters |b 25th International Conference on Human-Computer Interaction, HCII 2023, Copenhagen, Denmark, July 23–28, 2023, Proceedings, Part I 2024 / p. 8-14 [https://doi.org/10.1007/978-3-031-49212-9\\_2](https://doi.org/10.1007/978-3-031-49212-9_2)  
[Conference proceedings at Scopus](#) [Article at Scopus](#)

#### **How domain engineering can help to raise adoption rates of artificial intelligence in healthcare**

**Bertl, Markus; Klementi, Toomas; Piho, Gunnar; Ross, Peeter; Draheim, Dirk** Information Integration and Web Intelligence, 25th International Conference, iiWAS 2023, Denpasar, Bali, Indonesia, December 4–6, 2023 : proceedings 2023 / p. 490-504  
[https://doi.org/10.1007/978-3-031-48316-5\\_1](https://doi.org/10.1007/978-3-031-48316-5_1) [Conference proceedings at Scopus](#) [Article at Scopus](#)

#### **How much does an e-Vote cost? Cost comparison per vote in multichannel elections in Estonia**

**Krimmer, Robert Johannes; Duenas Cid, David; Krivonosova, Iuliia**; Vinkel, Priit; Koitmäe, Arne Electronic Voting : Third International Joint Conference, E-Vote-ID 2018, Bregenz, Austria, October 2–5, 2018 : proceedings 2018 / p. 117-131  
[https://doi.org/10.1007/978-3-030-00419-4\\_8](https://doi.org/10.1007/978-3-030-00419-4_8) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

#### **Human-human communication in cyber threat situations: a systematic review**

Ask, Torvald F.; Lugo, Ricardo Gregorio; Knox, Benjamin James; **Sütterlin, Stefan** HCI International 2021 - late breaking papers : cognition, inclusion, learning, and culture : 23rd HCI International Conference, HCII 2021, Virtual Event, July 24–29, 2021 : proceedings 2021 / p. 21-43 : ill [https://doi.org/10.1007/978-3-030-90328-2\\_2](https://doi.org/10.1007/978-3-030-90328-2_2) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

#### **Hybrid heat pump performance evaluation in different operation modes for single-family house**

Tihana, Jelena; **Ali, Hesham**; Apse, Jekaterina; Jekabsons, Janis; Ivancovs, Dmitrijs; Gaujena, Baiba; **Dedov, Andrei** Energies 2023 / art. 7018 <https://doi.org/10.3390/en16207018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Hybrid inverter and control strategy for enabling the PV generation dispatch using extra-low-voltage batteries**

Meneghetti, Luiz Henrique; **Carvalho da Silva, Edivan Laercio**; Carati, Emerson Giovani; Denardin, Gustavo Weber; da Costa, Jean Patric; de Oliveira Stein, Carlos Marcelo; Cardoso, Rafael Energies 2022 / art. 7539 <https://doi.org/10.3390/en15207539> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Hydromast : a bioinspired flow sensor with accelerometers**

**Ristolainen, Asko; Tuhtan, Jeffrey Andrew; Kuusik, Alar; Kruusmaa, Maarja** Biomimetic and biohybrid systems : 5th International Conference, Living Machines 2016, Edinburgh, UK, July 19-22, 2016 : proceedings 2016 / p. 510-517 : ill [https://doi.org/10.1007/978-3-319-42417-0\\_55](https://doi.org/10.1007/978-3-319-42417-0_55) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

#### **Hygrothermal analysis of masonry wall with reed boards as interior insulation system**

Keskküla, Kadri; Aru, Tambet; **Kiviste, Mihkel**; Miljan, Martti-Jaan Energies 2020 / art. 5252, 10 p. : ill <https://doi.org/10.3390/en13205252> [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](#)

## Imagine a round square

**Moktefi, Amirouche**; Družina, Jelena Diagrammatic representation and inference : 11th International Conference, Diagrams 2020, Tallinn, Estonia, August 24–28, 2020 : proceedings 2020 / p. 539-543 [https://doi.org/10.1007/978-3-030-54249-8\\_52](https://doi.org/10.1007/978-3-030-54249-8_52) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

## The impact of air pressure conditions on the performance of single room ventilation units in multi-story buildings

**Mikola, Alo**; **Simson, Raimo**; **Kurnitski, Jarek** Energies 2019 / art. 2633, 18 p. : ill <https://doi.org/10.3390/en12132633> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [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](#)

## Impact of investments and R&D costs in renewable energy technologies on companies' profitability indicators: assessment and forecast

Prokopenko, Olha; Kurbatova, Tetiana; Khalilova, Marina; Zerkal, Anastasiia; **Prause, Gunnar Klaus**; Binda, Jacek; Berdiyrov, Temur; Klapkiv, Yuriy; Sanetra-Pógrabi, Sabina; Komarnitskyi, Igor Energies 2023 / art. 1021, 17 p. : ill <https://doi.org/10.3390/en16031021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Impact of transformer turns ratio on the power losses and efficiency of the wide range isolated buck–boost converter for photovoltaic applications

**Mashinchi Maheri, Hamed**; **Vinnikov, Dmitri**; **Chub, Andrii**; **Sidorov, Vadim**; **Liivik, Elizaveta** Energies 2020 / art. 5645, 21 p <https://doi.org/10.3390/en13215645> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Impact pressure on mechanical properties of aluminum based composite by ECAP-parallel channel

Pramano, Agus; Dhoska, Klodian; Markja, Irida; **Kommel, Lembit** Pollack periodica 2019 / p. 67–74 <https://doi.org/10.1556/606.2019.14.1.7> [Journal metrics at Scopus](#) [Article at Scopus](#)

## Impact-driven discretization of numerical factors : case of two- and three-partitioning

**Kaushik, Minakshi**; **Sharma, Rahul**; **Arakkal Peious, Sijo**; **Draheim, Dirk** Big Data Analytics. BDA 2021 : 9th International Conference, BDA 2021, Virtual Event, December 15–18, 2021 : proceedings 2021 / p. 244–260 [https://doi.org/10.1007/978-3-030-93620-4\\_18](https://doi.org/10.1007/978-3-030-93620-4_18) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

## 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](#) [Article at WOS](#)

## Implementation of information security in the EU information systems : an Estonian case study

**Järvsoo, Maris**; **Norta, Alexander**; **Tsap, Valentyna**; **Pappel, Ingrid**; **Draheim, Dirk** Challenges and Opportunities in the Digital Era : 17th IFIP WG 6.11 Conference on e-Business, e-Services, and e-Society : I3E 2018, Kuwait City, Kuwait, October 30 - November 1, 2018 : proceedings 2018 / p. 150-163 [https://doi.org/10.1007/978-3-030-02131-3\\_15](https://doi.org/10.1007/978-3-030-02131-3_15) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

## Improved fault classification and localization in power transmission networks using vae-generated synthetic data and machine learning algorithms

Khan, Muhammad Amir; **Asad, Bilal**; **Vaimann, Toomas**; **Kallaste, Ants**; Pomarnacki, Raimondas; Hyunh, Van Khang Machines 2023 / art. 963 <https://doi.org/10.3390/machines11100963> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Improving and measuring learning effectiveness at cyber defense exercises

**Maennel, Kaie**; **Ottis, Rain**; **Maennel, Olaf Manuel** Secure IT Systems : 22nd Nordic Conference, NordSec 2017, Tartu, Estonia, November 8–10, 2017 : proceedings 2017 / p. 123-138 : ill [https://doi.org/10.1007/978-3-319-70290-2\\_8](https://doi.org/10.1007/978-3-319-70290-2_8) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

## Improving healthcare processes with smart contracts

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

### **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](#)

### **Individual deep fake recognition skills are affected by viewer's political orientation, agreement with content and device used**

**Sütterlin, Stefan;** Ask, Torvald F.; Mägerle, Sophia; Glöckler, Sandra; Wolf, Leandra; Schray, Julian; Chandi, Alava; Bursac, Teodora; Khodabakhsh, Ali; Knox, Benjamin James Augmented Cognition : 17th International Conference, AC 2023, Held as Part of the 25th HCI International Conference, HCII 2023, Copenhagen, Denmark, July 23–28, 2023 : proceedings 2023 / p. 269-284 : ill [https://doi.org/10.1007/978-3-031-35017-7\\_18](https://doi.org/10.1007/978-3-031-35017-7_18) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Induction generator with direct control and a limited number of measurements on the side of the converter connected to the power grid**

Kasprowicz, Andrzej Bogdan; **Husev, Oleksandr;** Strzelecki, Ryszard Energies 2023 / art. 63, 23 p. : ill <https://doi.org/10.3390/en16010063> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Influence of rapidly time-varying boundary conditions on the control of two-dimensional elastic pulses in laminates**

**Berezovski, Arkadi;** **Berezovski, Mihail** Mathematics and mechanics of complex systems 2023 / p. 335-348 <https://doi.org/10.2140/memocs.2023.11.335> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **An insight on mud behavior upon stepping**

**Godon, Simon Pierre;** **Ristolainen, Asko;** **Kruusmaa, Maarja** IEEE robotics and automation letters 2022 / p. 11039-11046 <https://doi.org/10.1109/LRA.2022.3194667> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Integrating digital migrants : solutions for cross-border identification from e-residency to eIDAS. A case study from Estonia**

**Aavik, Gerli;** **Krimmer, Robert Johannes** Electronic Government : 15th IFIP WG 8.5 International Conference, EGOV 2016, Guimaraes, Portugal, September 5-8, 2016 : proceedings 2016 / p. 151-163 : ill [https://doi.org/10.1007/978-3-319-44421-5\\_12](https://doi.org/10.1007/978-3-319-44421-5_12) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings 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](#)

### **Integrating smart energy management system with internet of things and cloud computing for efficient demand side management in smart grids**

Saleem, M. Usman; Shakir, Mustafa; Usman, M. Rehan; Bajwa, M. Hamza Tahir; **Shabbir, Noman;** **Shams Ghahfarokhi, Payam;** **Daniel, Kamran** Energies 2023 / art. 4835 : ill <https://doi.org/10.3390/en16124835> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Integration of blockchain technology into a land registration system for immutable traceability : a casestudy of Georgia**

**Lazuashvili, Nino;** **Norta, Alexander;** **Draheim, Dirk** Business Process Management : Blockchain and Central and Eastern Europe Forum :BPM 2019 Blockchain and CEE Forum : Vienna, Austria, September 1–6, 2019 : proceedings 2019 / p. 219-233 [https://doi.org/10.1007/978-3-030-30429-4\\_15](https://doi.org/10.1007/978-3-030-30429-4_15) [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Integration of iUML-B and UPPAAL timed automata for development of real-time systems with concurrent processes**

Shokri-Manninen, Fatima; **Tsiopoulos, Leonidas;** **Vain, Jüri;** Walden, Marina Rigorous State-Based Methods 7th International Conference, ABZ 2020, Ulm, Germany, May 27–29, 2020 : proceedings 2020 / p. 186-202 [https://doi.org/10.1007/978-3-030-48077-6\\_13](https://doi.org/10.1007/978-3-030-48077-6_13) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **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](#)

### **Intelligent control of robots with minimal power consumption in pick-and-place operations**

**Vodovozov, Valery;** **Raud, Zoja;** **Petlenkov, Eduard** Energies 2023 / art. 7418 <https://doi.org/10.3390/en16217418> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Intelligent virtual environments with assessment of user experiences**

**Köse, Ahmet;** **Tepljakov, Aleksei;** **Petlenkov, Eduard** Artificial Intelligence and Soft Computing : 20th International Conference, ICAISC 2021, Virtual Event, June 21–23, 2021 : proceedings, Part I 2021 / p. 463–474 : ill [https://doi.org/10.1007/978-3-030-87986-0\\_41](https://doi.org/10.1007/978-3-030-87986-0_41) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings 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](#)

**Interface converters for residential battery energy storage systems : practices, difficulties and prospects**

Galkin, Ilya; **Blinov, Andrei**; Vorobyov, Maxim; Bubovich, Alexander; Saltanovs, Rodions; Pefitsis, Dimosthenis Energies 2021 / art. 3365 <https://doi.org/10.3390/en14123365> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Interfaces in micromorphic materials : wave transmission and reflection with numerical simulations**

**Berezovski, Arkadi**; Giorgio, Ivan; Della Corte, Alessandro Mathematics and mechanics of solids 2016 / p. 37-51 : ill <https://doi.org/10.1177/1081286515572244> [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](#)

**Intrinsic conditions for extended observer forms for nonlinear systems**

**Simha, Ashutosh**; Respondek, Witold; **Kaldmäe, Arvo**; **Kaparin, Vadim**; **Kotta, Ülle** 2018 IEEE Conference on Decision and Control (CDC), 17-19 Dec. 2018, 17-19 Dec. 2018 : proceedings 2018 / p. 1373-1378 <https://doi.org/10.1109/CDC.2018.8619122> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Introduction to the 2nd Workshop on Resource Management in Service-Oriented Computing (RMSOC) 2015**

Cabanillas, Christina; **Norta, Alexander**; Resinas, Manuel Service-Oriented Computing - ICSOC 2015 Workshops : WESOA, RMSOC, ISC, DISCO, WESE, BSCI, FOR-MOVES, Goa, India, November 16-19, 2015 : revised selected papers 2016 / p. XV-XVII <https://link.springer.com/book/10.1007/978-3-662-50539-7> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Introduction to the Proceedings of the Workshop on Intelligent Service Clouds (ISC) 2015**

Vaculin, Roman; **Norta, Alexander**; Eshuis, Rik Service-Oriented Computing - ICSOC 2015 Workshops : WESOA, RMSOC, ISC, DISCO, WESE, BSCI, FOR-MOVES, Goa, India, November 16-19, 2015 : revised selected papers 2016 / p. XXII-XXIII [https://doi.org/10.1007/978-3-662-50539-7\\_3](https://doi.org/10.1007/978-3-662-50539-7_3) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Introduction to the proceedings of the workshop on Pervasive Analytical Service Clouds for the Enterprise and Beyond (PASCEB) 2013**

**Norta, Alexander**; Zhang, Weishan; Chituc, C.M.; Vaculin, Roman Service-Oriented Computing-ICSOC 2013, Workshops CCSA, CSB, PASCEB, SWESE, WESOA, and PhD Symposium Berlin, Germany, December 2-5, 2013, Revised Selected Papers 2014 / p. 379-380 [https://doi.org/10.1007/978-3-319-06859-6\\_33](https://doi.org/10.1007/978-3-319-06859-6_33) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

**Inventory routing for ammonia supply in German ports**

Prause, Felix; **Prause, Gunnar**; Philipp, Robert Energies 2022 / art. 6485, 22 p. : ill. <https://doi.org/10.3390/en15176485> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**An inverse problem for a generalized fractional derivative with an application in reconstruction of time- and space-dependent sources in fractional diffusion and wave equations**

**Kinash, Nataliia**; **Janno, Jaan** Mathematics 2019 / art. 1138, p. 1-16 <https://doi.org/10.3390/math7121138> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Inverse problem to determine two time-dependent source factors of fractional diffusion-wave equations from final data and simultaneous reconstruction of location and time history of a point source**

**Janno, Jaan** Mathematics 2023 / art. 456, 17 p <https://doi.org/10.3390/math11020456> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Inverse problems for a generalized subdiffusion equation with final overdetermination**

**Kinash, Nataliia**; **Janno, Jaan** Mathematical modelling and analysis 2019 / p. 236–262 <https://doi.org/10.3846/mma.2019.016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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](#)

**Inverse problems for a perturbed time fractional diffusion equation with final overdetermination**

**Kinash, Nataliia**; **Janno, Jaan** Mathematical methods in the applied sciences 2018 / p. 1925-1943 : ill <https://doi.org/10.1002/mma.4719> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Inverse problems with unknown boundary conditions and final overdetermination for time fractional diffusion-wave equations in cylindrical domains**

Janno, Jaan Mathematics 2021 / art. 2541, 22 p <https://doi.org/10.3390/math9202541> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Inverse source problem with a posteriori boundary measurement for fractional diffusion equations**

Janno, Jaan; Kian, Yavar Mathematical methods in the applied sciences 2023 / p. 15868-15882 <https://doi.org/10.1002/mma.9432> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Inverter-fed motor drive system : a systematic analysis of condition monitoring and practical diagnostic techniques**

Energies 2023 / art. 5628 <https://doi.org/10.3390/en16155628> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Investigating different sources of flexibility in power system**

Ahmadihangar, Roya; Rosin, Argo; Palu, Ivo; Azizi, Aydin Demand-side flexibility in smart grid 2020 / p. 27-37 [https://doi.org/10.1007/978-981-15-4627-3\\_3](https://doi.org/10.1007/978-981-15-4627-3_3) [Journal metrics at Scopus](#) [Article at Scopus](#)

**Investigation and field measurements for demand side management control technique of smart air conditioners located at residential, commercial, and industrial sites**

Masood, Bilal; Guobing, Song; Nebhen, Jamel; Rehman, Ateeq Ur; Iqbal, Muhammad Naveed; Rasheed, Iftikhar; Bajaj, Mohit; Shafiq, Muhammad; Hamam, Habib Energies 2022 / art. 2482, 23 p. : ill <https://doi.org/10.3390/en15072482> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**IOCBIO Kinetics : an open-source software solution for analysis of data traces**

Vendelin, Marko; Laasmaa, Martin; Kalda, Mari; Branovets, Jelena; Karro, Niina; Barsunova, Karina; Birkedal Nielsen, Rikke PLoS computational biology 2020 / art. e1008475 <https://doi.org/10.1371/journal.pcbi.1008475> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Is it disgraceful to present a book of mathematics to a Queen?**

Moktefi, Amirouche The mathematical intelligencer 2019 / p. 42–50 : ill <https://doi.org/10.1007/s00283-018-9843-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Jin Yuelin's Simplification of Venn Diagrams**

Liu, Xinwen; Pietarinen, Ahti-Veikko Diagrammatic Representation and Inference : 12th International Conference, Diagrams 2021, Virtual, September 28–30, 2021 : proceedings 2021 / p. 260-263 [https://doi.org/10.1007/978-3-030-86062-2\\_26](https://doi.org/10.1007/978-3-030-86062-2_26) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**John Cook Wilson's Hanging Plants : a contribution to the History of Early Logic Trees**

Beisecker, Dave; Moktefi, Amirouche Diagrammatic Representation and Inference : 13th International Conference, Diagrams 2022, Rome, Italy, September 14-16, 2022 : proceedings 2022 / p. 338-346 [https://doi.org/10.1007/978-3-031-15146-0\\_29](https://doi.org/10.1007/978-3-031-15146-0_29) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Key factors in coping with large-scale security vulnerabilities in the eID field**

Lips, Silvia; Pappel, Ingrid; Tsap, Valentyna; Draheim, Dirk Electronic Government and the Information Systems Perspective : 7th International Conference, EGOVIS 2018, Regensburg, Germany, September 3–5, 2018 : proceedings 2018 / p. 60-70 [https://doi.org/10.1007/978-3-319-98349-3\\_5](https://doi.org/10.1007/978-3-319-98349-3_5) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Key success factors in introducing national e-identification systems**

Tsap, Valentyna; Pappel, Ingrid; Draheim, Dirk Future Data and Security Engineering : 4th International Conference, FDSE 2017, Ho Chi Minh City, Vietnam, November 29 - December 1, 2017 : proceedings 2017 / p. 455-471 : ill [https://doi.org/10.1007/978-3-319-70004-5\\_33](https://doi.org/10.1007/978-3-319-70004-5_33) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Keyless signatures' infrastructure: How to build global distributed hash-trees**

Buldas, Ahto; Kroonmaa, Andres; Laanoja, Risto Secure IT Systems : 18th Nordic Conference, NordSec 2013, Ilulissat, Greenland, October 18-21, 2013, Proceedings 2013 / p. 313 - 320 [https://doi.org/10.1007/978-3-642-41488-6\\_21](https://doi.org/10.1007/978-3-642-41488-6_21) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Knowledge retention in oil and gas industry - the case of contract workforce**

Sumbal, Muhammad Saleem Ullah Khan; Irfan, Irfan; Durst, Susanne; Sahibzada, Umar Farooq; Waseem, Muhammad Adnan; Tsui, Eric Kybernetes 2023 / p. 1552-1571 <https://doi.org/10.1108/K-06-2021-0458> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Laser additively manufactured magnetic core design and process for electrical machine applications**

Tiismus, Hans; Kallaste, Ants; Vaimann, Toomas; Lind, Liina; Virro, Indrek; Rassõlkin, Anton; Dedova, Tatjana Energies 2022 / art. 3665 <https://doi.org/10.3390/en15103665> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at](#)

**A legal framework for digital transformation : a proposal based on a comparative case study**

**Ahmed, Rozha Kamal;** Muhammed, Khder H.; Qadir, Awat O.; Arif, Soran I.; **Lips, Silvia;** **Nyman-Metcalf, Katrin Merike;** **Pappel, Ingrid;** **Draheim, Dirk** Electronic Government and the Information Systems Perspective : 10th International Conference, EGOVIS 2021, Virtual Event, September 27–30, 2021 : proceedings 2021 / p. 115–128 [https://doi.org/10.1007/978-3-030-86611-2\\_9](https://doi.org/10.1007/978-3-030-86611-2_9) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Legally enforceable smart-contract languages : a systematic literature review**

**Dwivedi, Vimal Kumar;** **Pattanaik, Vishwajeet;** **Deval, Vipin;** **Dixit, Abhishek;** **Norta, Alexander;** **Draheim, Dirk** ACM computing surveys 2022 / art. 3453475, p. 1–34 <https://doi.org/10.1145/3453475> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A legal-relationship establishment in smart contracts : ontological semantics for programming-language development**

**Dwivedi, Vimal Kumar;** **Norta, Alexander** Advances in Computing and Data Sciences : 5th International Conference, ICACDS 2021, Nashik, India, April 23–24, 2021, Revised Selected Papers, Part I : proceedings 2021 / p. 660-676 [https://doi.org/10.1007/978-3-030-81462-5\\_58](https://doi.org/10.1007/978-3-030-81462-5_58) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [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](#)

**Lewis Carroll's almost diagrammatic logic notation**

**Englebreetsen, George;** **Moktefi, Amirouche** Logic in Question : Talks from the Annual Sorbonne Logic Workshop (2011- 2019) 2023 / p. 151-168 [https://doi.org/10.1007/978-3-030-94452-0\\_8](https://doi.org/10.1007/978-3-030-94452-0_8) [Article collection metrics at Scopus](#) [Article at Scopus](#)

**Lie algebras with given properties of subalgebras and elements**

**Zusmanovich, Pasha** Algebra, geometry and mathematical physics : AGMP, Mulhouse, France, October 2011 2014 / p. 99-109 [https://doi.org/10.1007/978-3-642-55361-5\\_7](https://doi.org/10.1007/978-3-642-55361-5_7) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Lifting twisted coreflections against delta lenses**

**Clarke, Bryce James** Theory and Applications of Categories 2024 / p. 838 - 877 : ill <http://www.tac.mta.ca/tac/volumes/41/26/41-26abs.html> [Journal metrics at Scopus](#) [Article at Scopus](#)

**A lightweight anonymous authentication scheme for secure cloud computing services**

**Hammami, Hamza;** **Ben Yahia, Sadok;** **Obaidat, Mohammad S.** The Journal of Supercomputing 2021 / p. 1693-1713 <https://doi.org/10.1007/s11227-020-03313-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Limiting adversarial budget in quantitative security assessment**

**Lenin, Aleksandr;** **Buldas, Ahto** Decision and Game Theory for Security : 5th International Conference, GameSec 2014, Los Angeles, CA, USA, November 6-7, 2014 : proceedings 2014 / p. 155-174 : ill [https://doi.org/10.1007/978-3-319-12601-2\\_9](https://doi.org/10.1007/978-3-319-12601-2_9) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

**Live enrolment for identity documents in Europe**

**Kalvet, Tarmo;** **Karlzén, Henrik;** **Hunstad, Amund;** **Tiits, Marek** Electronic Government : 17th IFIP WG 8.5 International Conference : EGOV 2018, Krems, Austria, September 3–5, 2018 : proceedings 2018 / p. 29-39 : ill [https://doi.org/10.1007/978-3-319-98690-6\\_3](https://doi.org/10.1007/978-3-319-98690-6_3) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**A live virtual simulator for teaching cybersecurity to information technology students**

**Ernits, Margus;** **Kikkas, Kaido** Learning and Collaboration Technologies : Third International Conference, LCT 2016, held as part of HCI International 2016, Toronto, ON, Canada, July 17-22, 2016 : proceedings 2016 / p. 474-486 : ill [https://doi.org/10.1007/978-3-319-39483-1\\_43](https://doi.org/10.1007/978-3-319-39483-1_43) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**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](#)

**Longitudinal wave propagation in axially graded Rayleigh–Bishop nanorods**

**Arda, Mustafa;** **Majak, Jüri;** **Mehrparvar, Marmar** Mechanics of composite materials 2024 / p. 1109-1128 <https://doi.org/10.1007/s11029-023-10160-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Long-term secure commitments via extractable-binding commitments**

**Buldas, Ahto;** **Geihs, Matthias;** **Buchmann, Johannes** Information Security and Privacy : 22nd Australasian Conference, ACISP 2017, Auckland, New Zealand, July 3–5, 2017 : Proceedings, Part I 2017 / p. 65-81 [https://doi.org/10.1007/978-3-319-60055-0\\_4](https://doi.org/10.1007/978-3-319-60055-0_4) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Long-term secure time-stamping using preimage-aware hash functions : (short version)**

**Buldas, Ahto**; Geihs, Matthias; Buchmann, Johannes Provable Security : 11th International Conference, ProvSec 2017, Xi'an, China, October 23–25, 2017 : proceedings 2017 / p. 251-260 : ill [http://doi.org/10.1007/978-3-319-68637-0\\_15](http://doi.org/10.1007/978-3-319-68637-0_15) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Lower bound methods for the size of nondeterministic finite automata revisited**

**Tamm, Hellis**; Merwe, Brink van der Language and Automata Theory and Applications : 11th International Conference, LATA 2017, Umeå, Sweden, March 6-9, 2017 : proceedings 2017 / p. 261-272 [https://doi.org/10.1007/978-3-319-53733-7\\_19](https://doi.org/10.1007/978-3-319-53733-7_19) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Low-temperature waste heat enabling abandoning coal in Espoo district heating system**

**Hiltunen, Pauli; Syri, Sanna** Energy 2021 / art. 120916, 11 p. : ill <https://doi.org/10.1016/j.energy.2021.120916> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Making e-government work : learning from the Netherlands and Estonia**

**Bharosa, Nitesh; Lips, Silvia; Draheim, Dirk** Electronic Participation : 12th IFIP WG 8.5 International Conference, ePart 2020, Linköping, Sweden, August 31 – September 2, 2020 : proceedings 2020 / p. 41-53 [https://doi.org/10.1007/978-3-030-58141-1\\_4](https://doi.org/10.1007/978-3-030-58141-1_4) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Making sense of Schopenhauer's diagram of Good and Evil**

**Lemanski, Jens; Moktefi, Amirouche** Diagrammatic Representation and Inference : 10th International Conference, Diagrams 2018, Edinburgh, UK, June 18–22, 2018 : proceedings 2018 / p. 721-724 : ill [https://doi.org/10.1007/978-3-319-91376-6\\_67](https://doi.org/10.1007/978-3-319-91376-6_67) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Malicious accounts detection from online social networks : a systematic review of literature**

**Ben Sassi, Imen; Ben Yahia, Sadok** International Journal of General Systems 2021 / p. 741–814 <https://doi.org/10.1080/03081079.2021.1976773> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Management of national eID infrastructure as a state-critical asset and public-private partnership : learning from the case of Estonia**

**Lips, Silvia**; Tsap, Valentyna; Bharosa, Nitesh; Krimmer, Robert Johannes; **Tammet, Tanel; Draheim, Dirk** Information Systems Frontiers 2023 / p.2439-2456 <https://doi.org/10.1007/s10796-022-10363-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Managing energy consumption of linear delta robots using neural network models**

**Vodovozov, Valery; Lehtla, Madis; Raud, Zoja; Semjonova, Natalia; Petlenkov, Eduard** Energies 2024 / art. 4081 <https://doi.org/10.3390/en17164081> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Mapping brains on grids of features for schizophrenia analysis**

**Perina, Alessandro; Peruzzo, Denis; Kesa, Maria**; Jojic, Nebojsa; Murino, Vittorio; Bellani, Mellani; Brambilla, Paolo; Castellani, Umberto Medical Image Computing and Computer-Assisted Intervention –MICCAI 2014, 17th International Conference, Boston, MA, USA, September 14-18, 2014, Proceedings, Part II 2014 / p. 805-812 : ill [https://doi.org/10.1007/978-3-319-10470-6\\_100](https://doi.org/10.1007/978-3-319-10470-6_100) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

### **Mapping requirements specifications into a formalized blockchain-enabled authentication protocol for secured personal identity assurance**

**Leiding, Benjamin; Norta, Alexander** Future Data and Security Engineering : 4th International Conference, FDSE 2017, Ho Chi Minh City, Vietnam, November 29 - December 1, 2017 : proceedings 2017 / p. 181-196 : ill [https://doi.org/10.1007/978-3-319-70004-5\\_13](https://doi.org/10.1007/978-3-319-70004-5_13) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Mapping the types of modularity in open-source hardware**

**Gavras, Kosmas; Kostakis, Vasileios** Design Science 2021 / e13 <https://doi.org/10.1017/dsj.2021.11> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](#)

### **Market mechanisms and trading in microgrid local electricity markets : a comprehensive review**

**Zahraoui, Younes; Korötko, Tarmo; Rosin, Argo; Agabus, Hannes** Energies 2023 / art. 2145, 52 p. : ill <https://doi.org/10.3390/en16052145> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Materials properties of magnesium and calcium hydroxides from first-principles calculations**

**Pishtshev, Aleksandr; Karazhanov, S. Zh.; Klopov, Mihail** Computational materials science 2014 / p. 693-705 : ill <https://doi.org/10.1016/j.commatsci.2014.07.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Mathematical and physical modelling of the dynamic fluidic impedance of arteries using electrical impedance equivalents**

**Giannoukos, Georgios; Min, Mart** Mathematical methods in the applied sciences 2014 / p. 711 - 717 : ill

<https://doi.org/10.1002/mma.2829> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Mathematical model of echolocation of fish-catching bats**

**Stulov, Anatoli** Wave motion 2013 / p. 579-585 : ill <https://doi.org/10.1016/j.wavemoti.2012.12.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Mathematical modelling of the dynamic electrical impedance of a parallel RC circuit using a Wien bridge oscillator**

**Giannoukos, Georgios; Min, Mart** Journal of computational methods in sciences and engineering 2015 / p. 287-293

<https://doi.org/10.3233/JCM-150543> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Matrix transforms between sequence spaces defined by speeds of convergence**

**Aasma, Ants; Natarajan, Pinnangudi N.** Filomat 2023 / p. 1029-1036 <https://doi.org/10.2298/FIL2304029A> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Matrix transforms between subspaces of summability domains of matrices determined by speed of convergence**

**Aasma, Ants; Natarajan, Pinnangudi N.** Indian Journal of Mathematics 2023 / p. 323-341 <https://www.scopus.com/inward/record.uri?eid=s-2.0-85185908862&partnerID=40&md5=68a63c99a7ea221800fbd95b5e6b032b> [Journal metrics at Scopus](#) [Article at Scopus](#)

[Journal metrics at WOS](#) [Article at WOS](#)

**Matrix transforms of A-statistically convergent sequences with speed**

**Aasma, Ants** Filomat 2013 / p. 1385-1392 <https://doi.org/10.2298/FIL1308385A> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Matrix transforms of subspaces of summability domains of matrices defined by speed of convergence**

**Aasma, Ants; Natarajan, Pinnangudi N.** Filomat 2023 / p. 10209-10218

<https://journal.pmf.ni.ac.rs/filomat/index.php/filomat/article/view/21559> <https://doi.org/10.2298/FIL2330209A> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Matrix transforms of  $\lambda$ -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/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](#)

**Maximally multi-focused proofs for skew non-commutative MILL**

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

**Mechanical waves in myelinated axons**

**Tamm, Kert; Peets, Tanel; Engelbrecht, Jüri** Biomechanics and modeling in mechanobiology 2022 / p. 1285-1297

<https://doi.org/10.1007/s10237-022-01591-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Mechanisms controlling fracture toughness of additively manufactured stainless steel 316L**

**Kumar, Deepak; Jhavar, Suyog; Arya, Abhinav; Prashanth, Konda Gokuldoss; Suwas, Satyam** International journal of fracture 2022

/ p. 61-78 <https://doi.org/10.1007/s10704-021-00574-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Megatrend and intervention impact analyzer for jobs : a visualization method for labor market intelligence**

**Õpik, Rain; Kirt, Toomas; Liiv, Innar** Journal of official statistics 2018 / p. 961-979 : ill <https://doi.org/10.2478/jos-2018-0047> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Mental model mapping method for cybersecurity**

**Kullman, Kaur; Buchanan, Laurin; Komlodi, Anita; Engel, Don** HCI for Cybersecurity, Privacy and Trust : Second International Conference, HCI-CPT 2020, Held as Part of the 22nd HCI International Conference, HCII 2020, Copenhagen, Denmark, July 19–24, 2020 : Proceedings 2020 / p. 458-470 [https://doi.org/10.1007/978-3-030-50309-3\\_30](https://doi.org/10.1007/978-3-030-50309-3_30) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Metacognitive processes involved in human robot interaction in the school learning environment**

**Mishra, Deepti; Lugo, Ricardo Gregorio; Parish, Karen; Tilden, Solveig** Human-Computer Interaction : Thematic Area, HCI 2023, Held as Part of the 25th HCI International Conference, HCII 2023, Copenhagen, Denmark, July 23–28, 2023 : proceedings, Part II 2023 / p. 85-100 : ill [https://doi.org/10.1007/978-3-031-35599-8\\_6](https://doi.org/10.1007/978-3-031-35599-8_6) [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Method for assessing heat loss in a district heating network with a focus on the state of insulation and actual demand for useful energy**

Chicherin, Stanislav; Mašatin, Vladislav; **Siirde, Andres; Volkova, Anna** Energies 2020 / art. 4505, 15 p. : ill  
<https://doi.org/10.3390/en13174505> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A method for assessment of the general circulation model quality using the K-means clustering algorithm : a case study with GETM v2.5**

**Raudsepp, Urmas; Maljutenko, Ilja** Geoscientific model development 2022 / p. 535-551 <https://doi.org/10.5194/gmd-15-535-2022>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal methods at WOS](#) [Article at WOS](#)

**Method for evaluating information security level in organisations**

Seeba, Mari; **Mäses, Sten**; Matulevičius, Raimundas Research Challenges in Information Science : 16th International Conference, RCIS 2022 : Barcelona, Spain, May 17–20, 2022 : proceedings 2022 / p. 644-652 : ill [https://doi.org/10.1007/978-3-031-05760-1\\_39](https://doi.org/10.1007/978-3-031-05760-1_39)  
[Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**A method of comparative spatial analysis of a digitized (LiDAR) point cloud and the corresponding GIS database**

**Maigre, Riina; Haav, Hele-Mai; Lillemets, Rauni; Julge, Kalev**; Anton, Gaspar Databases and Information Systems : 14th International Baltic Conference, DB&IS 2020, Tallinn, Estonia, June 16-19, 2020 : Proceedings 2020 / p. 219-232 : ill  
[https://doi.org/10.1007/978-3-030-57672-1\\_17](https://doi.org/10.1007/978-3-030-57672-1_17) [Conference proceeding at Scopus](#) [Article at Scopus](#)

**Method of linear approximation of COP for heat pumps and chillers based on thermodynamic modelling and off-design operation**

**Pieper, Henrik; Krupenski, Igor**; Markussen, Wiebke Brix; Ommen, Torben; **Siirde, Andres; Volkova, Anna** Energy 2021 / art. 120743 : ill <https://doi.org/10.1016/j.energy.2021.120743> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Methodology for evaluating the transition process dynamics towards 4th generation district heating systems**

**Volkova, Anna; Mašatin, Vladislav; Siirde, Andres** Energy 2018 / p. 253-261 : ill <https://doi.org/10.1016/j.energy.2018.02.123> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Methods and tools for healthcare data anonymization : a literature review**

**Vovk, Olga; Piho, Gunnar; Ross, Peeter** International Journal of General Systems 2023 / p. 326-342 : ill  
<https://doi.org/10.1080/03081079.2023.2173749> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Methods of condition monitoring and fault detection for electrical machines**

**Kudelina, Karolina; Asad, Bilal; Vaimann, Toomas; Rassõlkin, Anton; Kallaste, Ants**; Khang, Huynh Van Energies 2021 / art. 7459, 20 p. : ill <https://doi.org/10.3390/en14227459> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Michailichenko group of matrices over skew-fields**

**Leibak, Alar** Математицки весник = Matematički Vesnik 2019 / p. 155–161 <http://www.vesnik.math.rs/vol/mv191210.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Microstructured continua and scaling for wave motion**

**Engelbrecht, Jüri** Atti della Accademia Peloritana dei Pericolanti, Classe di Scienze Fisiche, Matematiche e Naturali 2013 / art. A8  
<https://doi.org/10.1478/AAPP.91S1A8> [Journal metrics at Scopus](#) [Article at Scopus](#)

**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](#)

**Mobile phone usage data for credit scoring**

**Ots, Henri; Liiv, Innar**; Tur, Diana Databases and Information Systems : 14th International Baltic Conference, DB&IS 2020, Tallinn, Estonia, June 16-19, 2020 : Proceedings 2020 / p. 82-95 [https://doi.org/10.1007/978-3-030-57672-1\\_7](https://doi.org/10.1007/978-3-030-57672-1_7) [Conference proceeding at Scopus](#) [Article at Scopus](#)

**Model based approach for testing: distributed real-time systems augmented with online monitors**

**Pal, Deepak; Vain, Jüri** Databases and Information Systems : 13th International Baltic Conference, DB&IS 2018, Trakai, Lithuania, July 1-4, 2018 : proceedings 2018 / p. 142-157 [https://doi.org/10.1007/978-3-319-97571-9\\_13](https://doi.org/10.1007/978-3-319-97571-9_13) [Conference proceedings at Scopus](#) [Article at Scopus](#)

**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](#)

**Model predictive control of descriptor systems**

**Nosrati, Komeil; Belikov, Juri; Tepljakov, Aleksei; Petlenkov, Eduard** IEEE Control Systems Letter 2024 / p. 2139 - 2144

<https://doi.org/10.1109/LCSYS.2024.3448310> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A model-based adaptive control of turning maneuver for catamaran autonomous surface vessel**

**Astrov, Igor; Astrova, Irina** WSEAS Transactions on Systems and Control 2024 / p. 135-142

<https://doi.org/10.37394/23203.2024.19.14> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **A model-based control of self-driving car trajectory for lanes change maneuver in a smart city**

**Astrov, Igor** WSEAS transactions on systems and control 2023 / art. 36, p. 346-353 : ill <https://doi.org/10.37394/23203.2023.18.36>

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

### **Modeling an alternate operational ground source heat pump for combined space heating and domestic hot water power sizing**

Ahmed, Kaiser; **Fadejev, Jevgeni; Kurnitski, Jarek** Energies 2019 / art. 2120, 26 p. : ill <https://doi.org/10.3390/en12112120> [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, Florian; 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.; Osipov, 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](#)

### **Modelling of consumption shares for small wind energy prosumers**

Annuk, Andres; Ya'ici, Wahiba; **Blinov, Andrei; Märss, Maido; Trashchenkov, Sergei; Miidla, Peep** Symmetry 2021 / art. 647

<https://doi.org/10.3390/sym13040647> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Modelling of processes in nerve fibres at the interface of physiology and mathematics**

**Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel** Biomechanics and modeling in mechanobiology 2020 / p. 2491-2496

<https://doi.org/10.1007/s10237-020-01350-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Modelling spatial compositional data : reconstructions of past land cover and uncertainties**

Pirzamanbin, Behnaz; Lindström, Johan; **Poska, Anneli; Gaillard, Marie-Jose** Spatial statistics 2018 / p. 14-31 : ill

<https://doi.org/10.1016/j.spasta.2018.03.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Modelling the impact of space situational awareness disruption on the European and Arctic security landscape**

**Carlo, Antonio; Boschetti, Nicolo** Modelling and Simulation for Autonomous Systems: 9th International Conference, MESAS 2022,

Prague, Czech Republic, October 20–21, 2022 : Revised Selected Papers 2023 / p. 299-311 [https://doi.org/10.1007/978-3-031-31268-](https://doi.org/10.1007/978-3-031-31268-7_18)

[7\\_18](#) [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Modified constitutive equation for quasi-linear theory of viscoelasticity**

**Ravasoo, Arvi** Journal of engineering mathematics 2013 / p. 111-118 <https://doi.org/10.1007/s10665-011-9473-5> [Journal metrics at](#)

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

### **Modular battery charger for light electric vehicles**

**Blinov, Andrei; Verbytskyi, Ievgen; Zinchenko, Denys; Vinnikov, Dmitri; Galkin, Ilja** Energies 2020 / art. 774, 21 p. : ill

<https://doi.org/10.3390/en13040774> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Modular self-balancing battery charger concept for cost-effective power-assist wheelchairs**

Galkin, Ilja; **Blinov, Andrei; Verbytskyi, Ievgen; Zinchenko, Denys** Energies Special Issue Power Electronic Systems for Efficient

and Sustainable Energy Supply 2019 / art. en12081526, 21 p. : ill <https://doi.org/10.3390/en12081526> [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](#)

### **Monads need not be endofunctors**

Altenkirch, Thorsten; **Chapman, James; Uustalu, Tarmo** Logical methods in computer science 2015 / p. 1-40

[https://doi.org/10.2168/LMCS-11\(1:3\)2015](https://doi.org/10.2168/LMCS-11(1:3)2015) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Monoidal streams for dataflow programming**

**Di Lavore, Elena;** De Felice, Giovanni; **Roman Garcia, Mario** 37th Annual ACM/IEEE Symposium on Logic in Computer Science, LICS 2022, Haifa, 2 August 2022 - 5 August 2022 / art. 3533365, p. 1-14 : ill <https://doi.org/10.1145/3531130.3533365> [Conference proceeding at Scopus](#) [Article at Scopus](#)

### **Monoidal width**

**Di Lavore, Elena; Sobocinski, Pawel Maria** Logical methods in computer science 2023 / p. 15:1–15:46 : ill

[https://doi.org/10.46298/LMCS-19\(3:15\)2023](https://doi.org/10.46298/LMCS-19(3:15)2023) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Multi-Agent systems and Blockchain: results from a systematic literature review**

Calvares, Davide; Dubovitskaya, Alevina; Calbimonte, Jean Paul; **Taveter, Kuldar;** Schumacher, Michael Advances in Practical Applications of Agents, Multi-Agent Systems, and Complexity: The PAAMS Collection : 16th International Conference, PAAMS 2018, Toledo, Spain, June 20–22, 2018 : proceedings 2018 / p. 110-126 [https://doi.org/10.1007/978-3-319-94580-4\\_9](https://doi.org/10.1007/978-3-319-94580-4_9) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Multi-loop model reference proportional integral derivative controls: design and performance evaluations**

Alagoz, Baris Baykant; **Tepljakov, Aleksei; Petlenkov, Eduard; Yeroglu, Celaledin** Algorithms 2020 / 26 p. : ill

<https://doi.org/10.3390/a13020038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](#)

### **Multi-objective planning of electric vehicles charging in distribution system considering priority-based vehicle-to-grid scheduling**

**Singh, Praveen Prakash;** Das, Soumyabrata; **Wen, Fushuan; Palu, Ivo;** Singh, Asheesh K.; Thakur, Padmanabh Swarm and evolutionary computation 2023 / art. 101234, 16 p. : ill

<https://doi.org/10.1016/j.swevo.2023.101234> [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**

Dzipsalski, 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**

Dzipsalski, Adrian; Morton, Jonathan A. S.; Papchristou, Nikolitsa; Maier, Robert R. J.; MacPherson, William N.; **Ristolainen, Asko; Reilent, Enar; Kruusmaa, Maarja;** Wolf, Ben J.; Piri, 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](#)

### **A multisensory, green, and energy efficient housing neuromarketing method**

Kaklauskas, Arturas; Ubarte, Ieva; Kalibatas, Darius; **Lill, Irene** Energies 2019 / art. 3836, 30 p. : ill

<https://doi.org/10.3390/en12203836> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Multi-source district heating system full decarbonization strategies: Technical, economic, and environmental assessment**

Pakere, Ieva; Feofilovs, Maksims; **Lepiksaar, Kertu;** Vitolinš, Valdis; Blumberga, Dagnija Energy 2023 / art. 129296

<https://doi.org/10.1016/j.energy.2023.129296> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Nabla derivatives associated with nonlinear control systems on homogeneous time scales**

Bartosiewicz, Zbigniew; **Kotta, Ülle; Mullari, Tanel; Tönso, 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](#)

### **A NARX model reference adaptive control scheme: Improved disturbance rejection fractional-order PID control of an experimental magnetic levitation system**

**Alimohammadi, Hossein**; Alagoz, Baris Baykant; **Tepljakov, Aleksei**; **Vassiljeva, Kristina**; **Petlenkov, Eduard** Algorithms 2020 / p. 1-27 <https://doi.org/10.3390/a13080201> [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](#)

### **Negative terms in Euler diagrams : Peirce's solution**

**Moktefi, Amirouche**; **Pietarinen, Ahti-Veikko** Diagrammatic Representation and Inference : 9th International Conference, Diagrams 2016, Philadelphia, PA, USA, August 7-10, 2016 : proceedings 2016 / p. 286-288 : ill [https://doi.org/10.1007/978-3-319-42333-3\\_25](https://doi.org/10.1007/978-3-319-42333-3_25) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Nemo-Nordic 2.0 : operational marine forecast model for the Baltic Sea**

Kärnä, Tuomas; Ljungemyr, Patrik; Falahat, Saeed; Ringgaard, Ida; Axell, Lars; Korabel, Vasily; Murawski, Jens; **Maljutenko, Ilja**; Lindenthal, Anja; Jandt-Scheelke, Simon; **Verjovkina, Svetlana**; Lorkowski, Ina; **Lagemaa, Priidik**; She, Jun; Tuomi, Laura; Nord, Adam; Huess, Vibeke Geoscientific Model Development 2021 / p. 5731 - 5749 <https://doi.org/10.5194/gmd-14-5731-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Nets with mana : a framework for chemical reaction modelling**

Genovese, Fabrizio; **Loregian, Fosco**; Palombi, Daniele Graph Transformation : 14th International Conference, ICGT 2021, Held as Part of STAF 2021, Virtual Event, June 24-25, 2021 : proceedings 2021 / p. 185-202 [https://doi.org/10.1007/978-3-030-78946-6\\_10](https://doi.org/10.1007/978-3-030-78946-6_10) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Network-on-Chip with equality-of-service : a local fair runtime arbitration method for global fair bandwidth share**

Samman, Faizal; **Hollstein, Thomas** International journal of innovative computing, information and control 2019 / p. 1821-1834 <http://www.ijicic.net/servlet/Download?contentID=CONT34590d01977b424ea4f1cdfbb4c8c264> <https://doi.org/10.24507/ijicic.15.05.1821> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Neural network-based model reference control of braking electric vehicles**

**Vodovozov, Valery**; Aksjonov, Andrei; **Petlenkov, Eduard**; **Raud, Zoja** Energies 2021 / art. 2373 <https://doi.org/10.3390/en14092373> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Neuro-fuzzy framework for fault prediction in electrical machines via vibration analysis**

**Kudelina, Karolina**; **Raja, Hadi Ashraf** Energies 2024 / art. 2818 <https://doi.org/10.3390/en17122818> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A new approach of morphological analysis of arabic syntagmatic units based on a linguistic ontology**

El Abdi, Mariem; Ali, Boutheina Smine Ben; **Ben Yahia, Sadok** Computational Collective Intelligence : 14th International Conference, ICCCI 2022, Hammamet, Tunisia, September 28-30, 2022, Proceedings 2022 / p. 364 - 377 [https://doi.org/10.1007/978-3-031-16014-1\\_29](https://doi.org/10.1007/978-3-031-16014-1_29) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **A New approach to constructing digital dignature schemes**

**Buldas, Ahto**; **Frisov, Denis**; **Laanoja, Risto**; Lakk, Henri; **Truu, Ahto** Advances in Information and Computer Security : 14th International Workshop on Security, IWSEC 2019, Tokyo, Japan, August 28-30, 2019 : proceedings 2019 / p. 363-373 [https://doi.org/10.1007/978-3-030-26834-3\\_21](https://doi.org/10.1007/978-3-030-26834-3_21) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

### **New approaches for increasing demand-side flexibility**

**Ahmadihangar, Roya**; **Rosin, Argo**; **Palu, Ivo**; Azizi, Aydin Demand-side flexibility in smart grid 2020 / p. 51-62 [https://doi.org/10.1007/978-981-15-4627-3\\_5](https://doi.org/10.1007/978-981-15-4627-3_5) [Journal metrics at Scopus](#) [Article at Scopus](#)

### **New efficient utility upper bounds for the fully adaptive model of attack trees**

**Buldas, Ahto**; **Lenin, Aleksandr** Decision and game theory for security : 4th International Conference, GameSec 2013, Fort Worth, TX, USA, November 11-12, 2013 : proceedings 2013 / p. 192-205 : ill [https://doi.org/10.1007/978-3-319-02786-9\\_12](https://doi.org/10.1007/978-3-319-02786-9_12) [Computer Proceedings metrics at Scopus](#) [Article at Scopus](#)

### **New equation for optimal insulation dependency on the climate for office buildings**

Ahmed, Kaiser; **Kurnitski, Jarek** Energies 2021 / art. 321 <https://doi.org/10.3390/en14020321> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A new method for contrasting energy performance and near-zero energy building requirements in different climates and countries**

**Kurnitski, Jarek** Energies 2018 / art. 1334, 22 p. : ill <https://doi.org/10.3390/en11061334> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **New opportunities in real-time diagnostics of induction machines**

**Baraškova, Tatjana; Kudelina, Karolina; Shirokova, Veroonika** Energies 2024 / art. 3265 <https://doi.org/10.3390/en17133265>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **New test patterns to check the hierarchical structure of wordnets**

**Lohk, Ahti; Norta, Alexander; Orav, Heili; Vöhandu, Leo** Information and Software Technologies : 20th International Conference, ICIST 2014, Druskininkai, Lithuania, October 9-10, 2014 : proceedings 2014 / p. 110-120 [https://doi.org/10.1007/978-3-319-11958-8\\_9](https://doi.org/10.1007/978-3-319-11958-8_9)  
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **A new test suite reduction approach based on hypergraph minimal transversal mining**

Trabelsi, Shaima; Bennani, Mohamed Taha; **Ben Yahia, Sadok** Future Data and Security Engineering : 6th International Conference, FDSE 2019, Nha Trang City, Vietnam, November 27–29, 2019, Proceedings 2019 / p. 15-30 [https://doi.org/10.1007/978-3-030-35653-8\\_2](https://doi.org/10.1007/978-3-030-35653-8_2)  
[Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

### **A new virtual synchronous generator design based on the SMES system for frequency stability of low-inertia power grids**

Magdy, Gaber; Bakeer, Abualkasim Ahmed Ali; Nour, Morsy; **Petlenkov, Eduard** Energies 2020 / art. 5641, 17 p. : ill  
<https://doi.org/10.3390/en13215641> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **NN-SANARX model based control of a multi tank liquid-level system**

**Belikov, Juri; Petlenkov, Eduard** International journal of computational intelligence systems 2015 / p. 265-277  
<https://doi.org/10.1080/18756891.2015.1001950> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Noise shocks and business cycle fluctuations in three major European Economies**

**Reigl, Nicolas Andreas** Empirical Economics 2022 / p. 603–657 : ill <https://doi.org/10.1007/s00181-022-02272-y> [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 dynamics in self-consistent water channels**

Pelinovsky, Efim; **Didenkulova, Ira**; Shurgalina, Ekaterina; Aseeva, Nataly Journal of physics A: mathematical and theoretical 2017 / art. 505501, 16 p. : ill <https://doi.org/10.1088/1751-8121/aa923e> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Nonlinear wave propagation and reflection - comparing the numerics with the analytics**

**Braunbrück, Andres; Ravasoo, Arvi** Wave motion 2016 / p. 108-120 : ill <https://doi.org/10.1016/j.wavemoti.2015.08.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](#)

### **Nonlinear waves and solitons in complex solids**

Pastrone, Franco; **Engelbrecht, Jüri** Mathematics and mechanics of solids 2016 / p. 52-59 : ill  
<https://doi.org/10.1177/1081286515572245> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A note on observability of nonlinear discrete-time systems**

**Kaldmäe, Arvo; Kotta, Ülle** 2023 62nd IEEE Conference on Decision and Control (CDC), Singapore, 13-15 December 2023 2023 / p. 7483-7488 <https://doi.org/10.1109/CDC49753.2023.10383709> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Novel approaches to electrical machine fault diagnosis**

**Vaimann, Toomas; Antonino-Daviu, Jose Alfonso; Rassõlkin, Anton** Energies 2023 / art. 5641 <https://doi.org/10.3390/en16155641>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A novel efficient and lightweight authentication scheme for secure smart grid communication systems**

Hammami, Hamza; **Ben Yahia, Sadok**; Obaidat, Mohammad S. The Journal of Supercomputing 2023 / p. 7360 - 7376  
<https://doi.org/10.1007/s11227-022-04944-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A novel imbalanced data classification approach for suicidal ideation detection on social media**

Ben Hassine, Mohamed Ali; Abdellatif, Safa; **Ben Yahia, Sadok** Computing 2022 / p. 741-765 : ill <https://doi.org/10.1007/s00607-021-00984-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A Novel vector control strategy for a six-phase induction motor with low torque ripples and harmonic currents**  
Heidari, Hamidreza; Rassölkin, Anton; Vaimann, Toomas; Kallaste, Ants; Taheri, Asghar; Holakooie, Mohammad Hosein; Belahcen, Anouar Energies 2019 / art. 1102, 14 p. : ill <https://doi.org/10.3390/en12061102> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Numerical method for stability analysis of functionally graded beams on elastic foundation**  
Shvartsman, Boris; Majak, Jüri Applied Mathematical Modelling 2016 / p. 3713 - 3719 <https://doi.org/10.1016/j.apm.2015.09.060> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

**Numerical 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](#)

**Obfuscating the hierarchy of a digital IP**  
Basiashvili, Giorgi; Abideen, Zain Ul; Pagliarini, Samuel Nascimento Embedded Computer Systems : Architectures, Modeling, and Simulation : 22nd International Conference, SAMOS 2022, Samos, Greece, July 3-7, 2022 : proceedings 2022 / p. 303-314 [https://doi.org/10.1007/978-3-031-15074-6\\_28](https://doi.org/10.1007/978-3-031-15074-6_28) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

**Object detection for rescue operations by high-altitude infrared thermal imaging collected by unmanned aerial vehicles**  
Polukhin, Andrii; Gordienko, Yuri; Jervan, Gert; Stirenko, Sergii Pattern Recognition and Image Analysis : 11th Iberian Conference, IbPRIA 2023, Alicante, Spain, June 27-30, 2023 : proceedings 2023 / p. 490-504 [https://doi.org/10.1007/978-3-031-36616-1\\_39](https://doi.org/10.1007/978-3-031-36616-1_39) [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Observation and stabilisation of coupled timefractional reaction–advection–diffusion systems with spatiallyvarying coefficients**  
Chen, Juan; Tepljakov, Aleksei; Petlenkov, Eduard IET control theory and applications 2020 / p. 3128-3138 <https://doi.org/10.1049/iet-cta.2020.0520> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**An analysis of human perception of partitions of numerical factor domains**  
Kaushik, Minakshi; Sharma, Rahul; Shahin, Mahtab; Arakkal Peious, Sijo; Draheim, Dirk Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) ; Vol. 13635 LNCS 2022 / p. 137-144 [https://doi.org/10.1007/978-3-031-21047-1\\_13](https://doi.org/10.1007/978-3-031-21047-1_13) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Office building tenants' electricity use model for building performance simulations**  
Ferrantelli, Andrea; Kuivjõgi, Helena; Kurnitski, Jarek; Thalfeldt, Martin Energies 2020 / art. 5541 <https://doi.org/10.3390/en13215541> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Oil prices and unemployment in the UK before and after the crisis : a Bayesian VAR approach. A note**  
Cuestas, Juan Carlos; Ordonez, Javier Physica A : statistical mechanics and its applications 2018 / p. 200-207 : ill <https://doi.org/10.1016/j.physa.2018.06.114> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**On I-representations of polynomial algebras in quantum matrix spaces of rank 2**  
Bershtein, Olga Algebras and representation theory 2014 / p. 1083-1093 <https://doi.org/10.1007/s10468-013-9433-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**On a cosine operator function framework of approximation processes in banach space**  
Kivinukk, Andi; Saks, Anna; Zeltser, Maria Filomat 2019 / p. 4213-4228 <https://doi.org/10.2298/FIL1913213K> [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 corners scattering stably and stable shape determination by a single far-field pattern**

**Blasten, Emilia** Indiana University Mathematics Journal 2021 / p. 907-947 <https://doi.org/10.1512/IUMJ.2021.70.8411> [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 integrability of observable space for discrete-time analytic systems**

Kawano, Yu; **Kotta, Ülle** 2015 54th IEEE Conference on Decision and Control (CDC) : date: 15-18 Dec. 2015 2015 / p. 7137 - 7142 <https://doi.org/10.1109/CDC.2015.7403345> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**On mathematical modelling of solitary pulses in cylindrical biomembranes**

**Engelbrecht, Jüri**; Tamm, Kert; **Peets, Tanel** Biomechanics and modeling in mechanobiology 2015 / p. 159-167 : ill <https://doi.org/10.1007/s10237-014-0596-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**On near and the nearest correlation matrix**

**Zusmanovich, Pasha** Journal of nonlinear mathematical physics 2013 / p. 431-439 <https://doi.org/10.1080/14029251.2013.855050> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**On observing patterns of correlations during drill-down**

**Arakkal Peious, Sijo**; Sharma, Rahul; Kaushik, Minakshi; Shahin, Mahtab; Draheim, Dirk Information Integration and Web Intelligence, 25th International Conference, iiWAS 2023, Denpasar, Bali, Indonesia, December 4–6, 2023 : proceedings 2023 / p. 134-143 : ill [https://doi.org/10.1007/978-3-031-48316-5\\_16](https://doi.org/10.1007/978-3-031-48316-5_16) [Conference proceedings at Scopus](#) [Article at Scopus](#)

**On shallow water rogue wave formation in strongly inhomogeneous channels**

**Didenkulova, Irina**; Pelinovsky, Efim Journal of physics A : mathematical and theoretical 2016 / art. 194001, p. 1-11 : ill <https://doi.org/10.1088/1751-8113/49/19/194001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**On Shirshov bases of graded algebras**

Petrov, Fedor; **Zusmanovich, Pasha** Israel journal of mathematics 2013 / p. 23-28 <https://doi.org/10.1007/s11856-012-0175-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**On solitary waves in case of amplitude-dependent nonlinearity**

**Tamm, Kert**; **Peets, Tanel** Chaos, solitons & fractals 2015 / p. 108-114 : ill <https://doi.org/10.1016/j.chaos.2015.01.013> [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 stable cones of polynomials via reduced Routh parameters**

**Nurges, Ülo**; Belikov, Juri; Artemtšuk, Igor Kybernetika 2016 / p. 461-477 <https://doi.org/10.14736/kyb-2016-3-0461> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**On state-level architecture of digital government ecosystems : from ICT-driven to data-centric**

**Draheim, Dirk**; Krimmer, Robert Johannes; Tammet, Tanel Transactions on Large-Scale Data- and Knowledge-Centered Systems XLVIII 2021 / p. 165–195 [https://doi.org/10.1007/978-3-662-63519-3\\_8](https://doi.org/10.1007/978-3-662-63519-3_8) [Journal metrics at Scopus](#) [Article at Scopus](#)

**On the concept of flexibility in electrical power systems : signs of inflexibility**

**Ahmadihangar, Roya**; Rosin, Argo; Palu, Ivo; Azizi, Aydin Demand-side flexibility in smart grid 2020 / p. 17-26 [https://doi.org/10.1007/978-981-15-4627-3\\_2](https://doi.org/10.1007/978-981-15-4627-3_2) [Journal metrics at Scopus](#) [Article at Scopus](#)

**On the endomorphism semigroup of a multiple wreath product of groups**

**Puusemp, Peeter** Communications in algebra 2017 / p. 247-261 <https://doi.org/10.1080/00927872.2016.1206340> [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 legal and economic implications of tele-driving**

**Hoffmann, Thomas; Prause, Gunnar Klaus** Machines 2023 / art. 331, 16 p. : ill <https://doi.org/10.3390/machines11030331> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **On the narratives of e-government: a comparison of the democratic and technocratic approach in post-Soviet states**

**Wijk, Sam van; Lemke, Florian; Draheim, Dirk** Electronic Governance and Open Society: Challenges in Eurasia : 7th International Conference, EGOSE 2020, St. Petersburg, Russia, November 18-19, 2020 : proceedings 2020 / p. 3-16 [https://doi.org/10.1007/978-3-030-67238-6\\_1](https://doi.org/10.1007/978-3-030-67238-6_1) [Conference proceeding at Scopus](#) [Article at Scopus](#)

### **On the number of factorizations of $t \bmod N$ 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 origin of Venn diagrams**

**Moktefi, Amirouche;** Lemanski, Jens Axiomathes 2022 / p. 887–900 <https://doi.org/10.1007/s10516-022-09642-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **On the potential of numerical association rule mining**

**Kaushik, Minakshi; Sharma, Rahul; Arakkal Peious, Sijo; Shahin, Mahtab; Ben Yahia, Sadok; Draheim, Dirk** Future Data and Security Engineering. Big Data, Security and Privacy, Smart City and Industry 4.0 Applications : 7th International Conference, FDSE 2020, Quy Nhon, Vietnam, November 25–27, 2020 : proceedings 2020 / p. 3-20 [https://doi.org/10.1007/978-981-33-4370-2\\_1](https://doi.org/10.1007/978-981-33-4370-2_1) [Conference proceeding at Scopus](#) [Article at Scopus](#)

### **On the regulatory framework for last-mile delivery robots**

**Hoffmann, Thomas; Prause, Gunnar Klaus** Machines 2018 / art. 33, 16 p <https://doi.org/10.3390/machines6030033> [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 shoulders of giants : colourful argument trees for academic writing**

**Kruusmaa, Maarja; Moktefi, Amirouche; Tuhtan, Jeffrey Andrew** Diagrammatic representation and inference : 11th International Conference, Diagrams 2020, Tallinn, Estonia, August 24–28, 2020 : proceedings 2020 / p. 520-524 [https://doi.org/10.1007/978-3-030-54249-8\\_48](https://doi.org/10.1007/978-3-030-54249-8_48) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings 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 the utility of Robinson-Amitsur ultrafilters**

**Zusmanovich, Pasha** Journal of algebra 2013 / p. 268-286 <https://doi.org/10.1016/j.jalgebra.2013.04.024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **The once-only principle : a matter of trust**

**Krimmer, Robert Johannes;** Prentza, Andriana; Mamrot, Szymon; **Schmidt, Carsten** The once-only principle : The TOOP project 2021 / p. 1-8 [https://doi.org/10.1007/978-3-030-79851-2\\_1](https://doi.org/10.1007/978-3-030-79851-2_1) [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article collection metrics at WOS](#) [Article at WOS](#)

### **On-line data validation in distributed data fusion**

**Preden, Jürjo-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 ontological approach to knowledge building by data integration**

**Pileggi, Salvatore Flavio;** Crain, Hayden; **Ben Yahia, Sadok** Computational Science and Its Applications – ICCSA 2020 : 20th international conference, Amsterdam, The Netherlands, June 3–5, 2020, proceedings, part VII (2020) 2020 / p. 479 - 493 [https://doi.org/10.1007/978-3-030-50436-6\\_35](https://doi.org/10.1007/978-3-030-50436-6_35) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at Scopus](#)

### **An ontology engineering case study for advanced digital forensic analysis**

**Chikul, Pavel; Bahsi, Hayretudin; Maennel, Olaf Manuel** Model and Data Engineering : 10th International Conference, MEDI 2021, Tallinn, Estonia, June 21–23, 2021 : proceedings 2021 / p. 67–74 [https://doi.org/10.1007/978-3-030-78428-7\\_6](https://doi.org/10.1007/978-3-030-78428-7_6) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Ontology modeling of the Estonian Traffic Act for self-driving buses**

**Nogales, Alberto; Täks, Ermo; Taveter, Kuldar** Information Management and Big Data : 5th International Conference : SIMBig 2018, Lima, Peru, September 3–5, 2018 : proceedings 2019 / p. 249–256 [https://doi.org/10.1007/978-3-030-11680-4\\_24](https://doi.org/10.1007/978-3-030-11680-4_24) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Ontology-based integration of software artefacts for DSL development**

**Haav, Hele-Mai; Ojamaa, Andres; Grigorenko, Pavel; Kotkas, Vahur** On the Move to Meaningful Internet Systems: OTM 2015 WorkshopsConfederated International Workshops: OTM Academy, OTM Industry Case Studies Program, E2N, FBM, INBAST, ISDE, META4eS, and MSC 2015, Rhodes, Greece, October 26–30, 2015. Proceedings 2015 / p. 309 – 318 [https://doi.org/10.1007/978-3-319-26138-6\\_34](https://doi.org/10.1007/978-3-319-26138-6_34) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **An open 3D CFD model for the investigation of flow environments experienced by freshwater fish**

**Khan, Ali Hassan; Hussmann, Karla Ruiz; Powalla, Dennis; Hoerner, Stefan; Kruusmaa, Maarja; Tuhtan, Jeffrey Andrew** Ecological Informatics 2022 / art. 101652, 12 p. : ill <https://doi.org/10.1016/j.ecoinf.2022.101652> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Open government data driven co-creation : moving towards citizen-government collaboration**

**McBride, Keegan David Braun; Toots, Maarja; Kalvet, Tarmo; Krimmer, Robert Johannes** Electronic Government : 17th IFIP WG 8.5 International Conference : EGOV 2018, Krems, Austria, September 3–5, 2018 : proceedings 2018 / p. 184–195 : ill [https://doi.org/10.1007/978-3-319-98690-6\\_16](https://doi.org/10.1007/978-3-319-98690-6_16) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Operation of district heat network in electricity and balancing markets with the power-to-heat sector coupling**

**Javanshir, Nima; Syri, Sanna; Tervo, Seela; Rosin, Argo** Energy 2023 / art. 126423 <https://doi.org/10.1016/j.energy.2022.126423> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Operation optimization of an integrated energy service provider with ancillary service provision**

**Lai, Xinyi; Xie, Zhihan; Xu, Danlu; Ying, Shuyang; Zeng, Yiming; Jiang, Chenwei; Wang, Fei; Wen, Fushuan; Palu, Ivo** Energies 2022 / art. 4376, 15 p. : ill <https://doi.org/10.3390/en15124376> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Operational semantics with semicommutations**

**Maarand, Hendrik; Uustalu, Tarmo** Journal of logical and algebraic methods in programming 2021 / art. 100677, 27 p <https://doi.org/10.1016/j.jlamp.2021.100677> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Optimal rotating receiver angles estimation for multicoil dynamic wireless power transfer**

**Pakhaliuk, Bohdan; Shevchenko, Viktor; Mućko, Jan; Husev, Oleksandr; Lukianov, Mykola; Kołodziejek, Pjotr; Strzelecka, Natalia; Strzelecki, Ryszard** Energies 2021 / art. 6144, 15 p. : ill <https://doi.org/10.3390/en14196144> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Optimal sliding window selection in non-overlapping backoff algorithm for IEEE 802.15.6 WBAN**

**Saboore, Abdul; Ahmad, Rizwan; Ahmed, Waqas; Alam, Muhammad Mahtab; Radwan, Ayman** IEEE communications letters 2024 / p. 1467–1471 <https://doi.org/10.1109/LCOMM.2024.3384755> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Optimal strategy for comfort-based home energy management system considering impact of battery degradation cost model**

**Han, Binghui; Zahraoui, Younes; Mubin, Marizan; Mekhilef, Saad; Seyedmahmoudian, Mehdi; Stojcevski, Alex** Mathematics 2023 / art. 1333 <https://doi.org/10.3390/math11061333> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Optimal tuning of fractional order sliding mode controller for PMSM speed using neural network with reinforcement learning**

**Zahraoui, Younes; Zaihidee, Fardila M.; Kermadi, Mostefa; Mekhilef, Saad; Alhamrouni, Ibrahim; Seyedmahmoudian, Mehdi; Stojcevski, Alex** Energies 2023 / art. 4353 <https://doi.org/10.3390/en16114353> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Optimal ultra-local model control integrated with load frequency control of renewable energy sources based microgrids**

**Bakeer, Abualkasim Ahmed Ali; Magdy, Gaber; Chub, Andrii; Jurado, Francisco; Rihan, Mahmoud** Energies 2022 / art. 9177 <https://doi.org/10.3390/en15239177> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Optimization of renewable energy for buildings with energy storages and 15-minute power balance**

**Savolainen, Rebecka**; Lahdelma, Risto Energy 2022 / art. 123046 <https://doi.org/10.1016/j.energy.2021.123046> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Optimized vibro-acoustic design of suspended glass panels**

Aiello, Robert; **Auriemma, Fabio** Structural and multidisciplinary optimization 2018 / p. 2253–2268 : ill <https://doi.org/10.1007/s00158-018-2014-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Outdoor comfort analysis in a University Campus during the warm season and parametric design of mitigation strategies for Resilient Urban Environments**

**De Luca, Francesco** Computer-Aided Architectural Design. Design Imperatives: The Future is Now. CAAD Futures 2021 2022 / p. 473-493 [https://doi.org/10.1007/978-981-19-1280-1\\_29](https://doi.org/10.1007/978-981-19-1280-1_29) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Outdoor thermal comfort optimization in a cold climate to mitigate the level of urban heat island in an urban area**

**Eslamirad, Nasim; Sepulveda Luque, Abel; De Luca, Francesco; Lylykangas, Kimmo Sakari; Ben Yahia, Sadok** Energies 2023 / art. 4546, 28 p. : ill <https://doi.org/10.3390/en16124546> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**An overview of digital signing and the influencing factors in Estonian local governments**

Felt, Sigrid; **Pappel, Ingmar; Pappel, Ingrid** Future Data and Security Engineering : Third International Conference, FDSE 2016, Can Tho City, Vietnam, November 23-25, 2016 : proceedings 2016 / p. 371-384 : ill [https://doi.org/10.1007/978-3-319-48057-2\\_26](https://doi.org/10.1007/978-3-319-48057-2_26) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**A parallel estimation system of stator resistance and rotor speed for active disturbance rejection control of six-phase induction motor**

**Heidari, Hamidreza; Rassölkin, Anton;** Holakooie, Mohammad Hosein; **Vaimann, Toomas; Kallaste, Ants; Belahcen, Anouar;** Lukichev, Dmitry Energies 2020 / 17 p <https://doi.org/10.3390/en13051121> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Parameter estimation of PEM fuel cells employing the hybrid grey wolf optimization method**

Miao, Di; Chen, Wei; Zhao, Wei; **Demsas, Tekle** Energy 2020 / Art. 116616 <https://doi.org/10.1016/j.energy.2019.116616> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Partiality and container monads**

**Uustalu, Tarmo; Veltri, Niccolo** Programming Languages and Systems : 15th Asian Symposium, APLAS 2017, Suzhou, China, November 27–29, 2017 : proceedings 2017 / p. 406-425 : ill [https://doi.org/10.1007/978-3-319-71237-6\\_20](https://doi.org/10.1007/978-3-319-71237-6_20) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Pathway analysis of a zero-emission transition in the Nordic-Baltic region**

Lund, Peter D.; Skytte, Klaus; Bolwig, Simon; Bolkesjö, Torjus Folsland; **Koduvere, Hardi** Energies 2019 / art. 3337, 20 p. : ill <https://doi.org/10.3390/en12173337> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Pattern based software architecture for predictive maintenance**

**Torim, Ants; Liiv, Innar; Ounoughi, Chahinez; Ben Yahia, Sadok** Nordic Artificial Intelligence Research and Development : 4th Symposium of the Norwegian AI Society, NAIS 2022, Oslo, Norway, May 31 - June 1, 2022 : revised selected papers 2022 / p. 26-38 [https://doi.org/10.1007/978-3-031-17030-0\\_3](https://doi.org/10.1007/978-3-031-17030-0_3) [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Pattern formation of elastic waves and energy localization due to elastic gratings**

**Berezovski, Arkadi; Engelbrecht, Jüri;** Berezovski, Mihail 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](#)

**Pavement defect segmentation in orthoframes with a pipeline of three convolutional neural networks**

**Lõuk, Roland; Riid, Andri; Pihlak, Rene; Tepljakov, Aleksei** Algorithms 2020 / art. 198, 27 p. : ill <https://doi.org/10.3390/a13080198> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Peirce's diagrammatic solutions to 'Peirce's Puzzle'**

**Pietarinen, Ahti-Veikko** Diagrammatic Representation and Inference : 12th International Conference, Diagrams 2021, Virtual, September 28–30, 2021 : proceedings 2021 / p. 246–250 : ill [https://doi.org/10.1007/978-3-030-86062-2\\_23](https://doi.org/10.1007/978-3-030-86062-2_23) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Peirce's calculi for classical propositional logic**

Ma, Minghui; **Pietarinen, Ahti-Veikko** The review of symbolic logic 2020 / p. 509 - 540 <https://doi.org/10.1017/S1755020318000187> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Peirce's complex diagrams**

Bhattacharjee, Reetu; **Moktefi, Amirouche** Diagrammatic Representation and Inference : 13th International Conference, Diagrams 2022, Rome, Italy, September 14-16, 2022 : Proceedings 2022 / p. 347-355 [https://doi.org/10.1007/978-3-031-15146-0\\_30](https://doi.org/10.1007/978-3-031-15146-0_30) [Conference](#)

**Peirce's Dragon-Head Logic (R 501, 1901)**

Ma, Minghui; **Pietarinen, Ahti-Veikko** Archive for History of Exact Sciences volume 2022 / p. 261–317 <https://doi.org/10.1007/s00407-021-00285-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Peirce's inclusion diagrams, with application to syllogisms**

Bhattacharjee, Reetu; **Moktefi, Amirouche** Diagrammatic representation and inference : 11th International Conference, Diagrams 2020, Tallinn, Estonia, August 24–28, 2020 : proceedings 2020 / p. 530-533 [https://doi.org/10.1007/978-3-030-54249-8\\_50](https://doi.org/10.1007/978-3-030-54249-8_50) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

**Peirce's sequent proofs of distributivity**

Ma, Minghui; **Pietarinen, Ahti-Veikko** Logic and Its Applications : 7th Indian Conference, ICLA 2017, Kanpur, India, January 5-7, 2017 : proceedings 2017 / p. 168-182 [https://doi.org/10.1007/978-3-662-54069-5\\_13](https://doi.org/10.1007/978-3-662-54069-5_13) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Penalized least-squares method for LQR problem of singular systems**

**Nosrati, Komeil; Belikov, Juri; Teplyakov, Aleksei; Petlenkov, Eduard** 62nd IEEE Conference on Decision and Control, CDC 2023, Singapore, 13-15 December 2023 2023 / p. 1251-1256 <https://doi.org/10.1109/CDC49753.2023.10383412> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Performance comparison of PD data acquisition techniques for condition monitoring of medium voltage cables**

Shafiq, Muhammad; **Kiitam, Ivar**; Kauhaniemi, Kimmo; Taklaja, Paul; **Kütt, Lauri; Palu, Ivo** Energies 2020 / art. 4272, 14 p. : ill <https://doi.org/10.3390/en13164272> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Performance improvement of PWM control methods for voltage step-down in series resonant DC–DC converters**

**Sidorov, Vadim; Chub, Andrii; Vinnikov, Dmitri** Energies 2020 / art. en13174569 ; 18 p <https://doi.org/10.3390/en13174569> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Permanent magnets in sustainable energy: comparative life cycle analysis**

Orlova, Svetlana; **Rassölkin, Anton** Energies 2024 / art. 6384 <https://doi.org/10.3390/en17246384> [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](#)

**Photovoltaic energy yield improvement in two-stage solar microinverters**

**Chub, Andrii; Vinnikov, Dmitri; Stepenko, Serhii; Liivik, Elizaveta**; Blaabjerg, Frede Energies 2019 / art. 3774, 17 p. : ill <https://doi.org/10.3390/en12193774> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**PI parameter influence on underfloor heating energy consumption and setpoint tracking in nZEBs**

**Kull, Tuule Mall; Thalfeldt, Martin; Kurnitski, Jarek** Energies 2020 / art. 2068, 20 p. : ill <https://doi.org/10.3390/en13082068> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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](#)

**Plotkin's call-by-value  $\lambda$ -calculus as a modal calculus**

Espírito Santo, José; Pinto, Luis; **Uustalu, Tarmo** Journal of Logical and Algebraic Methods in Programming 2022 / art. 100775, 17 p <https://doi.org/10.1016/j.jlamp.2022.100775> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Porous cores in small thermoacoustic devices for building applications**

**Auriemma, Fabio**; Di Giulio, Elio; Napolitano, Marialuisa; Dragonetti, Raffaele Energies 2020 / art. 2941, 19 p. : ill <https://doi.org/10.3390/en13112941> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [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](#)

**Post-surjectivity and balancedness of cellular automata over groups**

**Capobianco, Silvio**; Kari, Jarkko; Taati, Siamak Discrete mathematics and theoretical computer science 2017 / art. 3918, p. 1-16 :

**Potential for increasing the ICT adaption and identifying technology readiness in the silver economy : case of Estonia**  
**Butt, Sidra Azmat; Pappel, Ingrid; Õunapuu, Enn** Electronic Governance and Open Society: Challenges in Eurasia : 7th International Conference, EGOS 2020, St. Petersburg, Russia, November 18-19, 2020 : proceedings 2020 / p. 139-155  
[https://doi.org/10.1007/978-3-030-67238-6\\_10](https://doi.org/10.1007/978-3-030-67238-6_10) [Conference proceeding](#) [Article at Scopus](#)

**Power converter solutions for industrial PV applications — a review**

Verbytskyi, Ievgen; Lukianov, Mykola; Nassereddine, Kawsar; Pakhaliuk, Bohdan; **Husev, Oleksandr**; Strzelecki, Ryszard Energies 2022 / art. 3295 <https://doi.org/10.3390/en15093295> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Precision and accuracy of pulse propagation velocity measurement in power cables**

**Kiitam, Ivar; Shafiq, Muhammad; Choudhary, Maninder; Parker, Martin; Palu, Ivo; Taklaja, Paul** Energies 2023 / art. 2702  
<https://doi.org/10.3390/en16062702> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Predicting psychiatric diseases using autoAI : a performance analysis based on health insurance billing data**

**Bertl, Markus; Ross, Peeter; Draheim, Dirk** Database and Expert Systems Applications : 32nd International Conference, DEXA 2021, Virtual Event, September 27-30, 2021 : proceedings. Part I 2021 / p. 104-111 [https://doi.org/10.1007/978-3-030-86472-9\\_9](https://doi.org/10.1007/978-3-030-86472-9_9)  
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

**Preface**

Bellatreche, Ladjel; Chernishev, George; Corral, Antonio; Ouchani, Samir; **Vain, Jüri** Advances in Model and Data Engineering in the Digitalization Era : MEDI 2021 International Workshops : DETECT, SIAS, CSMML, BIOC, HEDA, Tallinn, Estonia, June 21–23, 2021 : proceedings 2021 / p. v-vii <https://link.springer.com/content/pdf/bfm:978-3-030-87657-9/1?pdf=chapter%20toc> [Article collection metrics at Scopus](#) [Article at Scopus](#)

**Preface**

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

**Preface**

Attigbo, Christian; **Ben Yahia, Sadok** Model and Data Engineering : 10th International Conference, MEDI 2021, Tallinn, Estonia, June 21–23, 2021 : proceedings 2021 / p. v-vi <https://doi.org/10.1007/978-3-030-78428-7> [Conference proceeding at Scopus](#) [Article at Scopus](#)

**Preface**

**Robal, Tarmo; Haav, Hele-Mai; Penjam, Jaan**; Matulevičius, Raimundas Databases and Information Systems : 14th International Baltic Conference, DB&IS 2020, Tallinn, Estonia, June 16-19, 2020 : Proceedings 2020 / p. v-vi <https://doi.org/10.1007/978-3-030-57672-1> [Conference proceeding at Scopus](#) [Article at Scopus](#)

**Preface**

**Pietarinen, Ahti-Veikko**; Chapman, Peter; Bosveld-de Smet, Leonie Diagrammatic Representation and Inference : 11th International Conference, Diagrams 2020, Tallinn, Estonia, August 24–28, 2020 : proceedings 2020 / p. v - vi <https://doi.org/10.1007/978-3-030-54249-8> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Preface**

Fischer, Bernd; **Uustalu, Tarmo** Theoretical Aspects of Computing - ICTAC 2018 : 15th International Colloquium, Stellenbosch, South Africa, October 16-19, 2018 : proceedings 2018 / p. V-VI <https://link.springer.com/content/pdf/bfm%3A978-3-030-02508-3%2F1.pdf>  
[https://www.ester.ee/record=b5174218\\*est](https://www.ester.ee/record=b5174218*est) <https://doi.org/10.1007/978-3-030-02508-3> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Preface**

Kupferman, Orna; **Sobocinski, Pawel Maria** Foundations of Software Science and Computation Structures, 26th International Conference, FoSSaCS 2023, Held as Part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2023, Paris, France, April 22–27, 2023, Proceedings 2023 / p. vii <https://doi.org/10.1007/978-3-031-30829-1> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Preface**

**Krimmer, Robert**; Volkamer, Melanie Electronic Voting : 5th International Joint Conference, E-Vote-ID 2020, Bregenz, Austria, October 6–9, 2020, Proceedings 2020 / p. v <https://link.springer.com/content/pdf/bfm:978-3-030-60347-2/1?pdf=chapter%20toc> [Conference Proceedings metrics at Scopus](#) [Article at Scopus](#)

**Preface**

Béziau, Jean-Yves; Desclés, Jean-Pierre; **Moktefi, Amirouche**; Pascu, Anca Christine Logic in Question : Talks from the Annual Sorbonne Logic Workshop (2011- 2019) 2022 / p. v-ix <https://link.springer.com/content/pdf/bfm:978-3-030-94452-0/1?pdf=chapter%20toc>  
[Article collection metrics at Scopus](#) [Article at Scopus](#)

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

## Preface

**Krimmer, Robert**; Prentza, Andriana; Mamrot, Szymon The once-only principle : The TOOP project 2021 / 1 p <https://link.springer.com/book/10.1007/978-3-030-79851-2> [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article collection metrics at WOS](#)

## Preface

Chapman, Peter; Stapleton, Gem; **Moktefi, Amirouche**; Chapman, Peter; Stapleton, Gem; **Moktefi, Amirouche** Diagrammatic Representation and Inference : 10th International Conference, Diagrams 2018 Edinburgh, UK, June 18–22, 2018 Proceedings 2018 / p. V - VI <https://link.springer.com/content/pdf/bfm:978-3-319-91376-6/1?pdf=chapter%20toc> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

## Preface

**Krimmer, Robert Johannes**; Volkamer, Melanie; Cortier, Véronique; Beckert, Bernhard; Küsters, Ralf; Serdült, Uwe; **Duenas Cid, David** Electronic Voting : 4th International Joint Conference, E-Vote-ID 2019, Bregenz, Austria, October 1–4, 2019, Proceedings 2019 / p. v <https://link.springer.com/book/10.1007/978-3-030-30625-0> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

## Preface

**Krimmer, Robert Johannes**; Volkamer, Melanie; Cortier, Véronique; Goré, Rajeev; Hapsara, Manik; Serdült, Uwe; **Duenas Cid, David** Electronic Voting : Third International Joint Conference, E-Vote-ID 2018, Bregenz, Austria, October 2-5, 2018, Proceedings 2018 / p. i-iv <https://link.springer.com/book/10.1007/978-3-030-00419-4> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

## Preface

**Krimmer, Robert**; Volkamer, Melanie; Barrat, Jordi; Benaloh, Josh; Goodman, Nicole; Teague, Vanessa Electronic Voting : First International Joint Conference, E-Vote-ID 2016, Bregenz, Austria, October 18-21, 2016 : proceedings 2017 / 1 p <https://link.springer.com/book/10.1007/978-3-319-52240-1> [Conference proceedings at Scopus](#) [Article at Scopus](#)

## Preface

Ioannides, Marinos; Magnenat-Thalmann, Nadia; Fink, Eleanor; Žarnić, Roko; Yen, Alex-Yaning; **Quak, Ewald** Digital Heritage : Progress in Cultural Heritage: Documentation, Preservation, and Protection : 5th International Conference, EuroMed 2014, Limassol, Cyprus, November 3-8, 2014, Proceedings 2014 / p. V-VII <https://doi.org/10.1007/978-3-319-13695-0> [Conference proceedings at Scopus](#) [Article at Scopus](#)

## Preface

Matthes, Ralph; **Uustalu, Tarmo** RAIRO - Theoretical Informatics and Applications 2013 / p. 1-2 <https://doi.org/10.1051/ita/2012026> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Preface of the special issue on advances in data-driven engineering

**Ben Yahia, Sadok**; Attiogbé, Christian International Journal of General Systems 2023 / p. 203-205 <https://doi.org/10.1080/03081079.2023.2204251> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## 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](#)

## Premature failure of an additively manufactured material

Wang, Zhi; Xie, Meishen; Li, Yuanyuan; Zhang, Weiwen; Yang, Chao; **Kollo, Lauri**; Eckert, Jürgen; **Prashanth, Konda Gokuldoss** Npg Asia materials 2020 / art. 30, 10 p. : ill <https://doi.org/10.1038/s41427-020-0212-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## The present and future of large-scale systems modeling and engineering

**Draheim, Dirk** Future Data and Security Engineering : Third International Conference, FDSE 2016, Can Tho City, Vietnam, November 23-25, 2016 : proceedings 2016 / p. 355-370 : ill [https://doi.org/10.1007/978-3-319-48057-2\\_25](https://doi.org/10.1007/978-3-319-48057-2_25) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

## Preventing data-security breaches and patient-safety risks in cross-blockchain e-healthcare systems

**Kormiltsón, Aleksandr**; Norta, Alex; Nisar, Sanam; Dwivedi, Vimal Management of Digital EcoSystems : 15th International Conference, MEDES 2023, Heraklion, Crete, Greece, May 5–7, 2023, Revised Selected Papers 2024 / p. 41-54 [https://doi.org/10.1007/978-3-031-51643-6\\_4](https://doi.org/10.1007/978-3-031-51643-6_4) [Conference proceedings at scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Process-aware security monitoring in industrial control systems: A systematic review and future directions**

**Ur Rehman, Muan; Bahşi, Hayret** International journal of critical infrastructure protection 2024 / art. 100719, 19 p. : ill <https://doi.org/10.1016/j.ijcip.2024.100719> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Profunctor optics: a categorical update**

**Clarke, Bryce James;** Elkins, Derek; Gibbons, Jeremy; Loregian, Fosco; Milewski, Bartosz; Pillmore, Emily; **Roman Garcia, Mario** Compositionality 2024 / 39 p. : ill <https://doi.org/10.32408/compositionality-6-1> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Proof analysis of Peirce's alpha system of graphs**

Ma, Minghui; **Pietarinen, Ahti-Veikko** Studia logica 2017 / p. 625-647 : ill <https://doi.org/10.1007/s11225-016-9703-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **Propagation of bankruptcy risk over scale-free economic networks**

Andria, Joseph; di Tollo, Giacomo; **Kalda, Jaan** Entropy 2022 / art. 1713 <https://doi.org/10.3390/e24121713> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **The prospects of strategic imagination in explaining international security challenges**

**Mölder, Holger** Quality & Quantity : International Journal of Methodology 2023 / p. 55-76 <https://doi.org/10.1007/s11135-022-01386-w> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Protocol choice and iteration for the free cornering**

**Nester, Chad Mitchell; Voorneveld, Niels** Journal of logical and algebraic methods in programming 2024 / art. 100942, 30 p <https://doi.org/10.1016/j.jlamp.2023.100942> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A public, blockchain-based distributed smart-contract platform enabling mobile lite wallets using a proof-of-stake consensus algorithm**

**Norta, Alexander;** Dai, Patrick; Mahi, Neil; Earls, Jordan Business Information Systems Workshops : BIS 2018 : International Workshops, Berlin, Germany, July 18–20, 2018 : Revised Papers 2019 / p. 368-380 [https://doi.org/10.1007/978-3-030-04849-5\\_33](https://doi.org/10.1007/978-3-030-04849-5_33) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Purely functional incremental computing**

**Firsov, Denis; Jeltsch, Wolfgang** Programming Languages : 20th Brazilian Symposium, SBLP 2016, Maringa, Brazil, September 22-23, 2016 : proceedings 2016 / p. 62-77 : ill [https://doi.org/10.1007/978-3-319-45279-1\\_5](https://doi.org/10.1007/978-3-319-45279-1_5) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings 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](#)

### **A qualitative control approach to reduce energy costs of hybrid energy systems : utilizing energy price and weather data**

Taebnia, Mehdi; Heikkilä, Marko; **Kurnitski, Jarek** Energies 2020 / art. 1401, 17 p. : ill <https://doi.org/10.3390/en13061401> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Quartic polynomial approximation for fluctuations of separation of trajectories in chaos and correlation dimension**

**Fouxon, Itzhak; Ainsaar, Siim; Kalda, Jaan** Journal of Statistical Mechanics : Theory and Experiment 2019 / art. 083211, 26 p <https://doi.org/10.1088/1742-5468/ab3458> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Quotienting the delay monad by weak bisimilarity**

Chapman, James; **Uustalu, Tarmo; Veltri, Niccolò** Mathematical structures in computer science 2019 / p. 67-92 <https://doi.org/10.1017/s0960129517000184> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Quotienting the delay monad by weak bisimilarity**

Chapman, James; **Uustalu, Tarmo; Veltri, Niccolò** Theoretical Aspects of Computing - ICTAC 2015 : 12th International Colloquium, Cali, Colombia, October 29-31, 2015, Proceedings 2015 / p. 110 - 125 [https://doi.org/10.1007/978-3-319-25150-9\\_8](https://doi.org/10.1007/978-3-319-25150-9_8) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Quotients and atoms of reversible languages**

**Tamm, Hellis** Theoretical Computer Science 2022 / p. 33-45 <https://doi.org/10.1016/j.tcs.2022.02.023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Quotients and atoms of reversible languages**

**Tamm, Hellis** Formal Methods : FM 2019 International Workshops, Porto, Portugal, October 7-11, 2019, Revised Selected Papers,

**Random forests hydrodynamic flow classification in a vertical slot fishway using a bioinspired artificial lateral line probe**  
Fukuda, Shinji; **Tuhtan, Jeffrey Andrew**; **Fuentes-Pérez, Juan Francisco**; Schletterer, Martin; **Kruusmaa, Maarja** Intelligent Robotics and Applications : 9th International Conference, ICIRA 2016, Tokyo, Japan, August 22-24, 2016 : proceedings. Part II 2016 / P. 297-307 : ill [https://doi.org/10.1007/978-3-319-43518-3\\_29](https://doi.org/10.1007/978-3-319-43518-3_29) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Random walks of oriented particles on fractals**

Haber, René; Prehl, Janett; Hoffmann, Karl Heinz; **Herrmann, Heiko** Journal of physics A : mathematical and theoretical 2014 / p. 1-14 : ill <https://doi.org/10.1088/1751-8113/47/15/155001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Realisation of energy performance targets of an old apartment building renovated to nZEB**

**Hamburg, Anti**; **Kuusk, Kalle**; **Mikola, Alo**; **Kalamees, Targo** Energy 2020 / art. 116874, 10 p. : ill <https://doi.org/10.1016/j.energy.2019.116874> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Realization of nonlinear input-output equations in controller canonical form**

**Kaldmäe, Arvo**; **Kotta, Ülle** Kybernetika 2018 / p. 736-747 <https://doi.org/10.14736/kyb-2018-4-0736> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Realization of nonlinear time-delay input–output equations**

**Kaldmäe, Arvo**; **Kotta, Ülle**; **Tönso, Maris** IEEE Control Systems Letters 2018 / p. 369-374 <https://doi.org/10.1109/LCSYS.2018.2838456> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Real-time crack detection on concrete using non-destructive approaches based on Yolo series : Review**

Bassir, David; Chang, Haochen; **Majak, Jüri** Advances in Machinery, Materials Science and Engineering Application X : Proceedings of the 10th International Conference (MMSE 2024), Paris, France, 27–28 July 2024 2024 / p. 820-826 <https://doi.org/10.3233/ATDE240712> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Real-time gait anomaly detection using 1D-CNN and LSTM**

**Rostovski, Jakob**; **Ahmadilivani, Mohammad Hasan**; **Krivošei, Andrei**; **Kuusik, Alar**; **Alam, Muhammad Mahtab** Digital Health and Wireless Solutions : First Nordic Conference, NCDHWS 2024, Oulu, Finland, May 7–8, 2024 : Proceedings, Part II 2024 / p. 260-278 [https://doi.org/10.1007/978-3-031-59091-7\\_17](https://doi.org/10.1007/978-3-031-59091-7_17) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Real-time multi-modal active vision for object detection on UAVs equipped with limited field of view LiDAR and camera**

Shi, Chuanbeibei; Lai, Ganghua; Yu, Yushu; **Bellone, Mauro**; Lippiello, Vincezo IEEE Robotics and Automation Letters 2023 / p. 6571 - 6578 <https://doi.org/10.1109/LRA.2023.3309575> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Recent trends in additive manufacturing and topology optimization of reluctance machines**

**Hussain, Shahid**; **Kallaste, Ants**; **Vaimann, Toomas** Energies 2023 / art. 3840 <https://doi.org/10.3390/en16093840> [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.; Ivancho, 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; **Tönso, 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](#)

**Reflections on mathematical models of deformation waves in elastic microstructured solids**

**Engelbrecht, Jüri; Berezovski, Arkadi** Mathematics and Mechanics of Complex Systems 2015 / p. 43 - 82  
<https://doi.org/10.2140/memocs.2015.3.43> [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](#)

**Regular planar monoidal languages**

**Earnshaw, Matthew David; Sobocinski, Pawel Maria** Journal of logical and algebraic methods in programming 2024 / art. 100963, 20 p. : ill <https://doi.org/10.1016/j.jlamp.2024.100963> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Reinforcement learning model-based and model-free paradigms for optimal control problems in power systems: comprehensive review and future directions**

Ginzburg-Ganz, Elinor; Segev, Itay; Balabanov, Alexander; Segev, Elior; Kaully Naveh, Sivan; Machlev, Ram; **Belikov, Juri**; Katzir, Liran; Keren, Sarah; Levron, Yoash Energies 2024 / art. 5307, 54 p. : ill <https://doi.org/10.3390/en17215307> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Rejoinder : [A Bayesian multinomial regression model for palaeoclimate reconstruction with time uncertainty]**

Iivonen, Liisa; Holmström, Lasse; Seppä, Heikki; **Veski, Siim** Environmetrics 2016 / p. 434-438 : ill <https://doi.org/10.1002/env.2409> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Relation between self-organization and wear mechanisms of diamond films**

**Podgurski, Vitali; Bogatov, Andrei; Yashin, Maxim** Entropy 2018 / art. 279, 16 p. : ill <https://doi.org/10.3390/e20040279> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Relations between modules associated to input-output nonlinear equations with delays and their realizations**

Bartosiewicz, Zbigniew; **Kaldmäe, Arvo; Kotta, Ülle**; Wyrwas, Malgorzata 62nd IEEE Conference on Decision and Control, CDC 2023, Singapore, 13-15 December 2023 2023 / p. 644-650 <https://doi.org/10.1109/CDC49753.2023.10383927> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Relationship analysis and optimisation of space layout to improve the energy performance of office buildings**

Du, Tiantian; Turrin, Michela; Jansen, Sabine; Dobbelsesteen, Andy van den; **De Luca, Francesco** Energies 2022 / art. 1268  
<https://doi.org/10.3390/en15041268> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Relative monads formalised**

Altenkirch, Thorsten; **Chapman, James; Uustalu, Tarmo** Journal of formalized reasoning 2014 / p. 1-43  
<https://doi.org/10.6092/issn.1972-5787/4389> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Renovation results of Finnish single-family renovation subsidies : oil boiler replacement with heat pumps**

Sankelo, Paula; Ahmed, Kaiser; **Mikola, Alo; Kurnitski, Jarek** Energies 2022 / art. 7620 <https://doi.org/10.3390/en15207620> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The representation of negative terms with Euler diagrams**

Bhattacharjee, Reetu; **Moktefi, Amirouche; Pietarinen, Ahti-Veikko** Logic in Question : Talks from the Annual Sorbonne Logic Workshop (2011- 2019) 2023 / p. 43-58 [https://doi.org/10.1007/978-3-030-94452-0\\_3](https://doi.org/10.1007/978-3-030-94452-0_3) [Article collection metrics at Scopus](#) [Article at Scopus](#)

**Requirements for e-testing services in the afgREN cloud-based e-learning system**

Saay, Salim; Laanpere, Mart; Norta, Alexander Technology Enhanced Assessment, 19th International Conference, TEA 2016, Tallinn Estonia, October 5–6, 2016 : revised selected papers 2017 / p. 133-147 [https://doi.org/10.1007/978-3-319-57744-9\\_12](https://doi.org/10.1007/978-3-319-57744-9_12) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Residuation in existential graphs**

**Haydon, Nathan Joseph; Pietarinen, Ahti-Veikko** Diagrammatic Representation and Inference : 12th International Conference, Diagrams 2021, Virtual, September 28–30, 2021 : proceedings 2021 / p. 229–237 [https://doi.org/10.1007/978-3-030-86062-2\\_21](https://doi.org/10.1007/978-3-030-86062-2_21) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Response surface method for optimization of synchronous reluctance motor rotor**

Orlova, Svetlana; Auzins, Janis; Pugachov, Vladislav; **Rassölikin, Anton; Vaimann, Toomas** Machines 2022 / art. 897  
<https://doi.org/10.3390/machines10100897> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Rethinking computer-aided architectural design (CAAD) - from generative algorithms and architectural intelligence to environmental design and ambient intelligence**

Stojanovski, Todor; Zhang, Hui; Frid, Emma; Partanen, Jenni Vilhelmiina Computer-Aided Architectural Design. Design Imperatives: The Future is Now 19th International Conference, CAAD Futures 2021, Los Angeles, CA, USA, July 16-18, 2021, Selected Papers

**A review of aging models for electrical insulation in power cables**

**Choudhary, Maninder; Shafiq, Muhammad; Kiitam, Ivar; Hussain, Amjad; Palu, Ivo; Taklaja, Paul** Energies 2022 / Art. nr. 3408  
<https://doi.org/10.3390/en15093408> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Review of electric vehicle testing procedures for digital twin development : a comprehensive analysis**

**Rjabtšikov, Viktor; Rassölkin, Anton; Kudelina, Karolina; Kallaste, Ants; Vaimann, Toomas** Energies 2023 / art. 6952  
<https://doi.org/10.3390/en16196952> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Review of energy challenges and horizons of hydrogen city buses**

**Vodovozov, Valery; Raud, Zoja; Petlenkov, Eduard** Energies 2022 / art. 6945 <https://doi.org/10.3390/en15196945> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A review of hybrid converter topologies**

**Afshari, Hossein; Husev, Oleksandr; Matiushkin, Oleksandr; Vinnikov, Dmitri** Energies 2022 / art. 9341  
<https://doi.org/10.3390/en15249341> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Review of isolated matrix inverters : topologies, modulation methods and applications**

**Korkh, Oleksandr; Blinov, Andrei; Vinnikov, Dmitri; Chub, Andrii** Energies 2020 / art. 2394, 30 p. : ill  
<https://doi.org/10.3390/en13092394> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A review of non-residential building renovation and improvement of energy efficiency: office buildings in Finland, Sweden, Norway, Denmark, and Germany**

**Kiviste, Mihkel; Musakka, Sami; Ruus, Aime; Vinha, Juha** Energies 2023 / art. 4220, 26 p <https://doi.org/10.3390/en16104220> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A review on additive manufacturing possibilities for electrical machines**

**Naseer, Muhammad Usman; Kallaste, Ants; Asad, Bilal; Vaimann, Toomas; Rassölkin, Anton** Energies 2021 / art. 1940  
<https://doi.org/10.3390/en14071940> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Review on Braking Energy Management in Electric Vehicles**

**Vodovozov, Valery; Raud, Zoja; Petlenkov, Eduard** Energies 2021 / art. 4477 <https://doi.org/10.3390/en14154477> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A review on energy piles design, sizing and modelling**

**Fadejev, Jevgeni; Simson, Raimo; Kurnitski, Jarek; Haghighat, Fariborz** Energy 2017 / p. 390-407 : ill  
<https://doi.org/10.1016/j.energy.2017.01.097> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A review on realtime simulation and analysis methods of microgrids**

**Ahmadihangar, Roya; Rosin, Argo; Nabavi Niaki, Ali; Palu, Ivo; Korõtko, Tarmo** International transactions on electrical energy systems 2019 / art. e12106, 16 p. : ill <https://doi.org/10.1002/2050-7038.12106> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Revisiting Peirce's rules of transformation for Euler-Venn diagrams**

**Bhattacharjee, Reetu; Moktefi, Amirouche** Diagrammatic Representation and Inference : 12th International Conference, Diagrams 2021, Virtual, September 28–30, 2021 : proceedings 2021 / p. 166–182 : ill [https://doi.org/10.1007/978-3-030-86062-2\\_14](https://doi.org/10.1007/978-3-030-86062-2_14) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Revisiting the LQR problem of singular systems**

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

**Risk and values in science: a Peircean view**

**Chiffi, Daniele; Pietarinen, Anti-Veikko** Axiomathes 2019 / p. 329–346 <https://doi.org/10.1007/s10516-019-09419-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Risks and societal implications of identity theft**

**Kalvet, Tarmo; Tiits, Marek; Ubakivi-Hadachi, Pille** Electronic Governance and Open Society : Challenges in Eurasia 5th International Conference, EGOS 2018, St. Petersburg, Russia, November 14–16, 2018 : Revised Selected Papers 2019 / p. 67-81 : ill  
[https://doi.org/10.1007/978-3-030-13283-5\\_6](https://doi.org/10.1007/978-3-030-13283-5_6) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**A roadside unit deployment framework for enhancing transportation services in Maghreb cities**

**Chaabene, Seif Ben; Yeferny, Taoufik; Ben Yahia, Sadok** Concurrency and Computation: Practice and Experience 2021 / art. e5611  
<https://doi.org/10.1002/cpe.5611> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Robust FOPID stabilization for Smith Predictor structures**

**Ghorbani, Majid; Tepljakov, Aleksei; Petlenkov, Eduard** 61st IEEE Conference on Decision and Control, CDC 2022, Cancun, 6 December - 9 December 2022, proceedings 2022 / p. 1696-1701 <https://doi.org/10.1109/CDC51059.2022.9993283> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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

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

### **Robust stability analysis of interval fractional-order plants with interval time delay and general form of fractional-order controllers**

**Ghorbani, Majid; Tavakoli-Kakhki, Mahsan; Tepljakov, Aleksei; Petlenkov, Eduard; Farnam, Arash; Crevecoeur, Guillaume** IEEE Control Systems Letters 2022 / p. 1268-1273 <https://doi.org/10.1109/LCSYS.2021.3091525> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Robust stability analysis of Smith predictor based interval fractional-order control systems: a case study in level control process**

**Ghorbani, Majid; Tavakoli-Kakhki, Mahsan; Tepljakov, Aleksei; Petlenkov, Eduard** IEEE/CAA Journal of Automatica Sinica 2023 / p. 762-780 <https://doi.org/10.1109/JAS.2022.105986> [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](#)

### **The role of digital transformation in fostering transparency : an e-court system case study**

**Ahmed, Rozha Kamal; Ahmed, Omer; Pappel, Ingrid; Reitsakas, Aleksander; Draheim, Dirk** The Role of Digital Technologies in Shaping the Post-Pandemic World : 21st IFIP WG 6.11 Conference on e-Business, e-Services and e-Society, I3E 2022, Newcastle upon Tyne, UK, September 13–14, 2022 : proceedings 2022 / p. 219–230 [https://doi.org/10.1007/978-3-031-15342-6\\_17](https://doi.org/10.1007/978-3-031-15342-6_17) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **The role of service design in increasing regional innovation in the silver economy**

**Erlenheim, Regina; Pappel, Ingrid** Electronic Governance and Open Society: Challenges in Eurasia : 8th International Conference, EGOSE 2021, Saint Petersburg, Russia, November 24-25, 2021 : proceedings 2022 / p. 11–20 [https://doi.org/10.1007/978-3-031-04238-6\\_2](https://doi.org/10.1007/978-3-031-04238-6_2) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Rule algebras for adhesive categories**

**Behr, Nicolas; Sobocinski, Pawel Maria** Logical methods in computer science 2020 / p. 2:1–2:38 [https://doi.org/10.23638/LMCS-16\(3:2\)2020](https://doi.org/10.23638/LMCS-16(3:2)2020) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Runners for interleaving algebraic effects**

**Voorneveld, Niels** Theoretical Aspects of Computing - ICTAC 2022 : 19th International Colloquium, Tbilisi, Georgia, September 27-30, 2022 : proceedings 2022 / p. 407-424 [https://doi.org/10.1007/978-3-031-17715-6\\_26](https://doi.org/10.1007/978-3-031-17715-6_26) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Scalable and efficient authentication scheme for secure smart grid communication**

**Hammami, Hamza; Ben Yahia, Sadok; Obaidat, Mohammad S.** IET Networks 2020 / p. 165-169 <https://doi.org/10.1049/iet-net.2019.0225> [Journal metrics at Journal](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Scalable and imbalance-resistant machine learning models for anti-money laundering : a two-layered approach**

**Tertychnyi, Pavlo; Slobozhan, Ivan; Ollikainen, Madis; Dumas, Marlon** Enterprise Applications, Markets and Services in the Finance Industry : 10th International Workshop, FinanceCom 2020, Helsinki, Finland, August 18, 2020, Revised Selected Papers 2020 / p. 43-58 [https://doi.org/10.1007/978-3-030-64466-6\\_3](https://doi.org/10.1007/978-3-030-64466-6_3) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Scalable Hadoop-based infrastructure for big data analytics**

**Astrova, Irina; Koschel, Arne; Heine, Felix; Kalja, Ahto** Databases and Information Systems : 13th International Baltic Conference, DB&IS 2018, Trakai, Lithuania, July 1-4, 2018 : proceedings 2018 / p. 233-242 [https://doi.org/10.1007/978-3-319-97571-9\\_19](https://doi.org/10.1007/978-3-319-97571-9_19) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **A scalable knowledge graph embedding model for next point-of-interest recommendation in Tallinn city**

**Ounoughi, Chahinez;** Mouakher, Amira; **Sherzad, Muhammad Ibraheem; Ben Yahia, Sadok** Research Challenges in Information Science : 15th International Conference, RCIS 2021, Limassol, Cyprus, May 11–14, 2021 : proceedings 2021 / p. 435–451 [https://doi.org/10.1007/978-3-030-75018-3\\_29](https://doi.org/10.1007/978-3-030-75018-3_29) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Scalable medical viewer for virtual reality environments**

Ricciardi, Francesco; **Pastorelli, Emiliano;** De Paolis, Lucio Tommaso; **Herrmann, Heiko** Augmented and Virtual Reality : second International Conference, AVR 2015, Lecce, Italy, August 31 - September 3, 2015 : proceedings 2015 / p. 233-243 : ill [https://doi.org/10.1007/978-3-319-22888-4\\_17](https://doi.org/10.1007/978-3-319-22888-4_17) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

#### **Scalar mixtures in porous media**

**Kree, Mihkel;** Villermaux, Emmanuel Physical review fluids 2017 / art. 104502, 12 p. : ill <https://doi.org/10.1103/PhysRevFluids.2.104502> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **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](#)

#### **SCARF : securing chips with a robust framework against fabrication-time hardware trojans**

**Eslami, Mohammad; Ghasempouri, Tara; Pagliarini, Samuel Nascimento** IEEE Transactions on Computers 2024 / p. 2761-2775 <https://doi.org/10.1109/TC.2024.3449082> [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](#)

#### **Schopenhauer's Eulerian diagrams**

**Moktefi, Amirouche** Language, logic, and mathematics in Schopenhauer 2020 / p. 111-127 [https://doi.org/10.1007/978-3-030-33090-3\\_8](https://doi.org/10.1007/978-3-030-33090-3_8) [Article collection metrics at Scopus](#) [Article at Scopus](#)

#### **Secure and efficient implementation of electronic money**

**Buldas, Ahto; Draheim, Dirk;** Saarepera, Märt Future Data and Security Engineering : Big Data, Security and Privacy, Smart City and Industry 4.0 Applications : 9th International Conference, FDSE 2022, Ho Chi Minh City, Vietnam, November 23-25, 2022 : proceedings 2022 / p. 34-51 [https://doi.org/10.1007/978-981-19-8069-5\\_3](https://doi.org/10.1007/978-981-19-8069-5_3) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Secure, context-aware and QoS-enabled SDN architecture to improve energy efficiency in IoT-based smart buildings**

Hakiri, Akram; Sallemi, Bassem; Ghandour, Fatma; **Ben Yahia, Sadok** Distributed computing for emerging smart networks : Second International Workshop, DiCES-N 2020, Bizerte, Tunisia, December 18, 2020, proceedings 2020 / p. 55-74 : ill [https://doi.org/10.1007/978-3-030-65810-6\\_4](https://doi.org/10.1007/978-3-030-65810-6_4) [Conference proceeding at Scopus](#) [Article at Scopus](#)

#### **Securing airline-turnaround processes using security risk-oriented patterns**

Samarütel, Silver; Matulevičius, Raimundas; **Norta, Alexander; Nõukas, Rein** The Practice of Enterprise Modeling : 9th IFIP WG 8.1. Working Conference, PoEM 2016, Skövde, Sweden, November 8-10, 2016 : proceedings 2016 / p. 209-224 [https://doi.org/10.1007/978-3-319-48393-1\\_15](https://doi.org/10.1007/978-3-319-48393-1_15) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Security proofs for hash tree time-stamping using hash functions with small output size**

**Buldas, Ahto; Laanoja, Risto** Information security and privacy : 18th Australasian Conference, ACISP 2013, Brisbane, Australia, July 1-3, 2013 : proceedings 2013 / p. 235-250 : ill [https://doi.org/10.1007/978-3-642-39059-3\\_16](https://doi.org/10.1007/978-3-642-39059-3_16) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

#### **Security risk management in the aviation turnaround sector**

Matulevičius, Raimundas; **Norta, Alexander; Udokwu, Chibuzor; Nõukas, Rein** Future Data and Security Engineering : Third International Conference, FDSE 2016, Can Tho City, Vietnam, November 23-25, 2016 : proceedings 2016 / p. 119-140 : ill [https://doi.org/10.1007/978-3-319-48057-2\\_8](https://doi.org/10.1007/978-3-319-48057-2_8) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

#### **Selection of a green logical data warehouse schema by anti-monotonicity constraint**

Ghabri, Issam; Bellatreche, Ladjel; **Ben Yahia, Sadok** SOFSEM 2020: Theory and Practice of Computer Science : 46th International Conference on Current Trends in Theory and Practice of Informatics, SOFSEM 2020, Limassol, Cyprus, January 20-24, 2020 : Proceedings 2020 / p. 350-361 [https://doi.org/10.1007/978-3-030-38919-2\\_29](https://doi.org/10.1007/978-3-030-38919-2_29) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

#### **Selective laser melted Ti6Al4V split-P TPMS lattices for bone tissue engineering**

**Rezapourianghahfarokhi, Mansoureh;** Jasiuk, Iwona; **Sarna, Mart; Hussainova, Irina** International journal of mechanical sciences 2023 / art. 108353 <https://doi.org/10.1016/j.iimecs.2023.108353> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics](#)

**Selective performance of sol–gel synthesised titanium dioxide photocatalysts in aqueous oxidation of various-type organic pollutants**

**Klauson, Deniss; Budarnaja, Olga; Stepanova, Kristina; Kritševskaja, Marina; Dedova, Tatjana; Käkinen, Aleksandr; Preis, Sergei** Kinetics and catalysis 2014 / p. 47-55 : ill <https://doi.org/10.1134/S0023158414010030> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Self assessment tool to bridge the gap between XR Technology, SMEs, and HEIs**

**Köse, Ahmet; Tepljakov, Aleksei; Alsaleh, Saleh Ragheb Saleh; Petlenkov, Eduard** Extended Reality : First International Conference, XR Salento 2022, Lecce, Italy, July 6-8, 2022, Proceedings, Part I 2022 / p. 296–311 : ill [https://doi.org/10.1007/978-3-031-15546-8\\_25](https://doi.org/10.1007/978-3-031-15546-8_25) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at Scopus](#)

**Self-aware cyber-physical systems**

**Bellman, K.; Landauer, C.; Dutt, N.; Tammemäe, Kalle** ACM transactions on cyber-physical systems 2020 / p. 1–26 <https://doi.org/10.1145/3375716> [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](#)

**Semi-automated generation of DSL meta models from formal domain ontologies**

**Ojamaa, Andres; Haav, Hele-Mai; Penjam, Jaan** Model and Data Engineering : 5th International Conference, MEDI 2015, Rhodes, Greece, September 26-28, 2015, Proceedings 2015 / p. 3-15 [https://doi.org/10.1007/978-3-319-23781-7\\_1](https://doi.org/10.1007/978-3-319-23781-7_1) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Semi-parametric approach to random forests for high-dimensional bayesian optimisation**

**Kuzmanovski, Vladimir; Hollmén, Jaakko** Discovery Science : 25th International Conference, DS 2022, Montpellier, France, October 10–12, 2022, Proceedings 2022 / p. 418 - 428 [https://doi.org/10.1007/978-3-031-18840-4\\_30](https://doi.org/10.1007/978-3-031-18840-4_30) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Sensitivity analysis for multi-objective optimization of switched reluctance motors**

**Andriushchenko, Ekaterina; Kallaste, Ants; Mohammadi, M. Hossain; Lowther, David Alister; Heidari, Hamidreza** Machines 2022 / art. 559, 16 p. : ill <https://doi.org/10.3390/machines10070559> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Sentence writing test for Parkinson disease modeling: comparing predictive ability of classifiers**

**Netšunajev, Aleksei; Nömm, Sven; Toomela, Aaro; Medijainen, Kadri; Taba, Pille** Intelligent Information and Database Systems : 12th Asian Conference, ACIIDS 2020, Phuket, Thailand, March 23-26, 2020 : proceedings, Part I 2020 / p. 345-357 [https://doi.org/10.1007/978-3-030-41964-6\\_30](https://doi.org/10.1007/978-3-030-41964-6_30) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Sentiment analysis for hotel reviews : a systematic literature review**

**Ameur, Asma; Hamdi, Sana; Ben Yahia, Sadok** ACM Computing Survey 2023 / art. 51 <https://doi.org/10.1145/3605152> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The sequent calculus of skew monoidal categories**

**Uustalu, Tarmo; Veltri, Niccolo; Zeilberger, Noam** Electronic notes in theoretical computer science 2018 / p. 345-370 <https://doi.org/10.1016/j.entcs.2018.11.017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**A server-assisted hash-based signature scheme**

**Buldas, Ahto; Laanoja, Risto; Truu, Ahto** Secure IT Systems : 22nd Nordic Conference, NordSec 2017, Tartu, Estonia, November 8-10, 2017 : proceedings 2017 / p. 3-17 : ill [https://doi.org/10.1007/978-3-319-70290-2\\_1](https://doi.org/10.1007/978-3-319-70290-2_1) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Server-supported decryption for mobile devices**

**Kirss, Johanna Maria; Laud, Peeter; Snetkov, Nikita; Vakarjuk, Jelizaveta** Security and Trust Management : 18th International Workshop, STM 2022 Copenhagen, Denmark, September 29, 2022 : proceedings 2023 / p. 71-81 [https://doi.org/10.1007/978-3-031-29504-1\\_4](https://doi.org/10.1007/978-3-031-29504-1_4) [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Server-supported RSA signatures for mobile devices**

**Buldas, Ahto; Kalu, Aivo; Laud, Peeter; Oruaas, Mart** Computer Security - ESORICS 2017 : 22nd European Symposium on Research in Computer Security, Oslo, Norway, September 11–15, 2017 : proceedings, part I 2017 / p. 315-333 : ill [https://doi.org/10.1007/978-3-319-66402-6\\_19](https://doi.org/10.1007/978-3-319-66402-6_19) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Service-Oriented Computing - ICSOC 2015 Workshops : WESOA, RMSOC, ISC, DISCO, WESE, BSCI, FOR-MOVES, Goa,**

**India, November 16-19, 2015 : revised selected papers**

2016 <https://doi.org/10.1007/978-3-662-50539-7> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Shipborne GNSS acquisition of sea surface heights in the Baltic Sea**

Liibus, 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](#)

**Short-term wind energy forecasting using deep learning-based predictive analytics**

Shabbir, Noman; Kütt, Lauri; Jawad, Muhammad; Husev, Oleksandr *CMC-Computers, Materials & Continua* 2022 / p. 1017-1033 <https://doi.org/10.32604/cmc.2022.024576> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Signal spectrum-based machine learning approach for fault prediction and maintenance of electrical machines**

Raja, Hadi Ashraf; Kudelina, Karolina; Asad, Bilal; Vaimann, Toomas; Kallaste, Ants; Rassõlkin, Anton; Khang, Huynh Van *Energies* 2022 / art. 9507 <https://doi.org/10.3390/en15249507> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Similarity and dissimilarity measures for mixed feature-type symbolic data**

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

**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](#)

**Simple infeasibility certificates for attack trees**

Buldas, Ahto; Lenin, Aleksandr; Villemson, Jan; Charnamord, Anton *Advances in Information and Computer Security : 12th International Workshop on Security, IWSEC 2017, Hiroshima, Japan, August 30 – September 1, 2017 : proceedings 2017* / p. 39-55 : ill [https://doi.org/10.1007/978-3-319-64200-0\\_3](https://doi.org/10.1007/978-3-319-64200-0_3) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Simultaneous road edge and road surface markings detection using convolutional neural networks**

Pihlak, Rene; Riid, Andri *Databases and Information Systems : 14th International Baltic Conference, DB&IS 2020, Tallinn, Estonia, June 16-19, 2020 : Proceedings 2020* / p. 109-121 [https://doi.org/10.1007/978-3-030-57672-1\\_9](https://doi.org/10.1007/978-3-030-57672-1_9) [Conference proceeding at Scopus](#) [Article at Scopus](#)

**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](#)

**Single-stage buck–boost inverters: a state-of-the-art survey**

Azizi, Mohammadreza; Husev, Oleksandr; Vinnikov, Dmitri *Energies* 2022 / art. 1622 <https://doi.org/10.3390/en15051622> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Situational states influence on team workload demands in cyber defense exercise**

Ask, Torvald F.; Sütterlin, Stefan; Knox, Benjamin James; Lugo, Ricardo Gregorio *HCI International 2021 - late breaking papers : cognition, inclusion, learning, and culture : 23rd HCI International Conference, HCII 2021, Virtual Event, July 24–29, 2021 : proceedings 2021* / p. 3-20 : ill [https://doi.org/10.1007/978-3-030-90328-2\\_1](https://doi.org/10.1007/978-3-030-90328-2_1) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

**Sliding mean value subtraction-based DC drift correction of B-H curve for 3D-printed magnetic materials**

Asad, Bilal; Tiismus, Hans; Vaimann, Toomas; Belahcen, Anouar; Kallaste, Ants; Rassõlkin, Anton; Ghahfarokhi, Payam Shams *Energies* 2021 / art. 284, 10 p <https://doi.org/10.3390/en14020284> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Sliding mode based control of dual boost inverter for grid connection**

Lopez-Caiza, Diana; Flores-Bahamonde, Freddy; Kouro, Samir; Santana, Victor; Müller, Nicolas; Chub, Andrii *Energies* 2019 / art. 4241, 15 p.: ill <https://doi.org/10.3390/en1224241> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Small languages and big models : using ML to generate Norwegian language social media content for training purposes**

Aasen, Ole Joachim Arnesen; Lugo, Ricardo Gregorio; Knox, Benjamin James *Augmented Cognition : 18th International Conference, AC 2024, Held as Part of the 26th HCI International Conference, HCII 2024, Washington, DC, USA, June 29–July 4, 2024, Proceedings, Part II 2024* / p. 103-121 [https://doi.org/10.1007/978-3-031-61572-6\\_8](https://doi.org/10.1007/978-3-031-61572-6_8) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Small low-temperature district heating network development prospects**

**Volkova, Anna; Krupenski, Igor; Pieper, Henrik; Ledvanov, Aleksandr; Latšov, Eduard; Siirde, Andres** Energy 2019 / p. 714-722 <https://doi.org/10.1016/j.energy.2019.04.083> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Smart contracts and void declarations of intent**

**Hoffmann, Thomas** Advanced Information Systems Engineering Workshops : CAiSE 2019 International Workshops, Rome, Italy, June 3-7, 2019 : proceedings 2019 / p. 168-175 [https://doi.org/10.1007/978-3-030-20948-3\\_15](https://doi.org/10.1007/978-3-030-20948-3_15) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Smart cyber-physical system for pattern recognition of illegal 3D designs in 3D printing**

**Vedešin, Anton; Dogru, John Mehmet Ulgar; Liiv, Innar; Ben Yahia, Sadok; Draheim, Dirk** Smart Applications and Data Analysis : Third International Conference, SADASC 2020, Marrakesh, Morocco, June 25-26, 2020 : proceedings 2020 / p. 74-85 [https://doi.org/10.1007/978-3-030-45183-7\\_6](https://doi.org/10.1007/978-3-030-45183-7_6) [Conference proceeding at Scopus](#) [Article at Scopus](#)

**Sniper line-of sight calculations for route planning in asymmetric military environments**

**Kreison, Ove; Ruuben, Toomas** Modelling and Simulation for Autonomous Systems : Third International Workshop, MESAS 2016, Rome, Italy, June 15-16, 2016 : revised selected papers 2016 / p. 359-370 : ill [https://doi.org/10.1007/978-3-319-47605-6\\_29](https://doi.org/10.1007/978-3-319-47605-6_29) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings 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](#)

**Social media services ecosystem for marginalized youth to access adult education**

**Pata, Kai; Paas, Sille** Learning Technology for Education Challenges : 8th International Workshop, LTEC 2019, Zamora, Spain, July 15-18, 2019, proceedings 2019 / p. 369-380 [https://doi.org/10.1007/978-3-030-20798-4\\_32](https://doi.org/10.1007/978-3-030-20798-4_32) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Soft fluidic actuator for locomotion in multi-phase environments**

**Gkliva, Roza; Kruusmaa, Maarja** IEEE robotics and automation letters 2022 / p. 10462-10469 <https://doi.org/10.1109/LRA.2022.3192204> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A Software Prototype for Multidimensional Design of Data Warehouses Using Ontologies**

**Zekri, Manel; Ben Yahia, Sadok; Hilali-Jaghdam, Ines** Computational Collective Intelligence : 11th International Conference, ICCCI 2019, Hendaye, France, September 4-6, 2019 : proceedings, part II 2019 / p. 273-284 : ill [https://doi.org/10.1007/978-3-030-28374-2\\_24](https://doi.org/10.1007/978-3-030-28374-2_24) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

**Solar collection multi-isosurface method : computational design advanced method for the prediction of direct solar access in urban environments**

**De Luca, Francesco; Voll, Hendrik** Computer-Aided Architectural Design : Future Trajectories : 17th International Conference, CAAD Futures 2017, Istanbul, Turkey, July 12-14, 2017 : selected papers 2017 / p. 170-187 : ill [https://doi.org/10.1007/978-981-10-5197-5\\_10](https://doi.org/10.1007/978-981-10-5197-5_10) [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Solitary waves for Non-Destructive Testing applications : delayed nonlinear time reversal signal processing optimization**

**Lints, Martin; Dos Santos, Serge; Salupere, Andrus** Wave motion 2017 / p. 101-112 : ill <https://doi.org/10.1016/j.wavemoti.2016.07.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Solution combustion synthesis of nanostructured molybdenum carbide**

**Kirakosyan, Hasmik; Nazaretyan, K.T.; Mnatsakanyan, R.A.; Aydinyan, Sofiya; Kharatyan, Suren** Journal of nanoparticle research 2018 / art. 214, 11 p. : ill <https://doi.org/10.1007/s11051-018-4312-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Solving nonlinear boundary value problems using the higher order Haar wavelet Method**

**Ratas, Mart; Majak, Jüri; Salupere, Andrus** Mathematics 2021 / art. 2809 <https://doi.org/10.3390/math9212809> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Solving nonlinear PDEs using the higher order Haar wavelet method on nonuniform and adaptive grids**

**Ratas, Mart; Salupere, Andrus; Majak, Jüri** Mathematical modelling and analysis 2021 / p. 147-169 <https://doi.org/10.3846/mma.2021.12920> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **Span(Graph) : a canonical feedback algebra of open transition systems**

**Di Lavore, Elena;** Gianola, Alessandro; **Roman Garcia, Mario;** Sabadini, Nicoletta; **Sobocinski, Pawel Maria** Software and systems modeling 2023 / p. 495-520 : ill <https://doi.org/10.1007/s10270-023-01092-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Special issue on advanced modelling of wave propagation in solids**

**Engelbrecht, Jüri;** Givoli, Dan; Hagstrom, Thomas; Maugin, Gerard Wave Motion 2013 <https://doi.org/10.1016/j.wavemoti.2013.07.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](#)

### **Specification and verification of a linear-time temporal logic for graph transformation**

Gadducci, Fabio; **Laretto, Andrea;** Trotta, Davide Graph transformation, 16th International Conference, ICGT 2023, Held as Part of STAF 2023, Leicester, UK, July 19–20, 2023 : Proceedings 2023 / p. 22-42 : ill [https://doi.org/10.1007/978-3-031-36709-0\\_2](https://doi.org/10.1007/978-3-031-36709-0_2) [Conference proceedings 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; Jakštys, Vytautas; Norkus, Ričardas; Urbanowicz, Andrzej; Devenson, Jan; Devenson, Renata; **Udal, Andres;** Valušis, Gintaras Terahertz Emitters, Receivers, and Applications X : SPIE Optical Engineering + Applications, 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](#)

### **Spectrum analysis for condition monitoring and fault diagnosis of ventilation motor : a case study**

**Shabbir, Noman;** Kütt, Lauri; **Asad, Bilal;** Jawad, Muhammad; **Iqbal, Muhammad Naveed;** Daniel, Kamran Energies 2021 / art. 2001 <https://doi.org/10.3390/en14072001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Stabilization and uncertainty analysis of a time-fractional reaction diffusion equation cascaded with a time-fractional hyperbolic partial differential equation**

Chen, Juan; Zhuang, Bo; **Tepljakov, Aleksei;** Petlenkov, Eduard The Asian Journal of Control 2022 / p. 2294-2310 <https://doi.org/10.1002/asjc.2637> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Stabilizing region of fractional-order proportional integral derivative controllers for interval delayed fractional-order plants**

**Ghorbani, Majid;** Tepljakov, Aleksei; Petlenkov, Eduard Asian Journal of Control 2023 / p. 1145 - 1155 <https://doi.org/10.1002/asjc.2894> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Stability and uniqueness for a two-dimensional inverse boundary value problem for less regular potentials**

**Blåsten, Eemeli;** Imanuvilov, Oleg Yu; Yamamoto, Masahiro Inverse problems and imaging 2015 / p. 709-723 <https://doi.org/10.3934/ipi.2015.9.709> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Stage models for moving from e-government to smart government**

Lemke, Florian; **Taveter, Kuldar;** Erlenheim, Regina; **Pappel, Ingrid;** Draheim, Dirk; Janssen, Marijn Electronic Governance and Open Society: Challenges in Eurasia : 6th International Conference, EGOSE 2019, St.Petersburg, Russia, November 13-14, 2019 : Proceedings 2020 / p. 152-164 [https://doi.org/10.1007/978-3-030-39296-3\\_12](https://doi.org/10.1007/978-3-030-39296-3_12) [Conference proceeding at Scopus](#) [Article at Scopus](#)

### **State and output feedback boundary control of time fractional pde–fractional ode cascades with space-dependent diffusivity**

Chen, Juan; **Tepljakov, Aleksei;** Petlenkov, Eduard; Chen, Yangquan; Zhuang, Bo IET Control Theory and Applications 2020 / p. 3589 - 3600 <https://doi.org/10.1049/iet-cta.2019.1015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **State feedback linearization of nonlinear control systems on homogeneous time scales**

Bartosiewicz, Zbigniew; **Belikov, Juri;** Kotta, Ülle; Wyrwas, Małgorzata Nonlinear analysis: hybrid systems 2019 / p. 69-85 <https://doi.org/10.1016/j.nahs.2018.08.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Stateful runners of effectful computations**

**Uustalu, Tarmo** Electronic notes in theoretical computer science 2015 / p. 403-421 <https://doi.org/10.1016/j.entcs.2015.12.024> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **State-of-the-Art techniques for fault diagnosis in electrical machines: Advancements and future directions**

**Akbar, Siddique; Vaimann, Toomas; Asad, Bilal; Kallaste, Ants; Sardar, Muhammad Usman; Kudelina, Karolina** Energies 2023 / Art. 6345 <https://doi.org/10.3390/en16176345> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Static response and buckling loads of multilayered composite beams using the refined Zigzag theory and Higher-Order Haar Wavelet method**

Sorrenti, M.; Di Sciuva, M.; **Majak, Jüri**; Auriemma, Fabio Mechanics of composite materials 2021 / 18 p <https://doi.org/10.1007/s11029-021-09929-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Static state feedback linearization of nonlinear control systems on homogeneous time scales**

Bartosiewicz, Zbigniew; **Kotta, Ülle; Tönso, 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](https://doi.org/10.1007/978-3-030-68150-0_2) [Article collection metrics at Scopus](#) [Article at Scopus](#)

**Steady-state thermal modeling of salient pole synchronous generator**

**Ghahfarokhi, Payam Shams**; Podgornovs, Andrejs; **Kallaste, Ants**; Cardoso, Antonio J. Marques; **Belahcen, Anouar; Vaimann, Toomas**; Kudrjavtsev, Oleg; **Asad, Bilal; Iqbal, Muhammad Naveed** Energies 2022 / art. 9460 <https://doi.org/10.3390/en15249460> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Stenmap : framework for evaluating cybersecurity-related skills based on computer simulations**

**Mäses, Sten; Randmann, Liina; Maennel, Olaf Manuel; Lorenz, Birgy** Learning and Collaboration Technologies : Learning and Teaching : 5th International Conference : LCT 2018, Held as Part of HCI International 2018, Las Vegas, NV, USA, July 15-20, 2018 : Proceedings, Part II 2018 / p. 492-504 [https://doi.org/10.1007/978-3-319-91152-6\\_38](https://doi.org/10.1007/978-3-319-91152-6_38) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Step-Up series resonant DC-DC converter with bidirectional-switch-based boost rectifier for wide input voltage range photovoltaic applications**

**Bakeer, Abualkasim Ahmed Ali; Chub, Andrii; Vinnikov, Dmitri** Energies 2020 / Art. 3747 <https://doi.org/10.3390/en13143747> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Streams of approximations, equivalence of recursive effectful programs**

**Veltri, Niccolo; Voorneveld, Niels** Mathematics of Program Construction: 14th International Conference, MPC 2022, Tbilisi, Georgia, September 26–28, 2022, Proceedings 2022 / p. 198-221 : ill [https://doi.org/10.1007/978-3-031-16912-0\\_8](https://doi.org/10.1007/978-3-031-16912-0_8) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Strictly convex corners scatter**

**Päivärinta, Lassi Juhani**; Salo, Mikko; Vesalainen, Esa V. Revista matematica iberoamericana 2017 / p. 1369-1396 <https://doi.org/10.4171/rmi/975> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**String diagram rewrite theory II : rewriting with symmetric monoidal structure**

Bonchi, Filippo; Gadducci, Fabio; Kissinger, Aleks; **Sobocinski, Pawel Maria**; Zanasi, Fabio Mathematical structures in computer science 2022 / p. 511 - 541 <https://doi.org/10.1017/S0960129522000317> [Journal at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**String diagram rewrite theory III : confluence with and without Frobenius**

Bonchi, Filippo; Gadducci, Fabio; Kissinger, Aleks; **Sobocinski, Pawel Maria**; Zanasi, Fabio Mathematical structures in computer science 2022 / p. 829-869 <https://doi.org/10.1017/S0960129522000123> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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](#)

**The structure of concurrent process histories**

**Nester, Chad Mitchell** Coordination Models and Languages : 23rd IFIP WG 6.1 International Conference, COORDINATION 2021, Held as Part of the 16th International Federated Conference on Distributed Computing Techniques, DisCoTec 2021, Valletta, Malta, June 14-18, 2021 : proceedings 2021 / p. 209–224 [https://doi.org/10.1007/978-3-030-78142-2\\_13](https://doi.org/10.1007/978-3-030-78142-2_13) [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Structured development of implementations for divide-and-conquer specifications**

**Bortin, Maksym** Science of computer programming 2024 / art. 103011, 15 p. : ill <https://doi.org/10.1016/j.scico.2023.103011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Student's behavior in free learning environment and formal education system**

**Kukk, Vello** Learning technology for education in Cloud : MOOC and Big Data : third International Workshop, LTEC 2014, Santiago, Chile, September 2-5, 2014 : proceedings 2014 / p. 187-194 [https://doi.org/10.1007/978-3-319-10671-7\\_19](https://doi.org/10.1007/978-3-319-10671-7_19) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Study of bearing currents in induction machine : diagnostic possibilities, fault detection, and prediction**

**Kudelina, Karolina; Raja, Hadi Ashraf; Naseer, Muhammad Usman; Outsou, 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](#)

### **A study on immediate automatic usability evaluation of web application user interfaces**

**Marenkov, Jevgeni; Robal, Tarmo; Kalja, Ahto** Databases and Information Systems : 12th International Baltic Conference, DB&IS 2016, Riga, Latvia, July 4-6, 2016 : proceedings 2016 / p. 257-271 : ill [https://doi.org/10.1007/978-3-319-40180-5\\_18](https://doi.org/10.1007/978-3-319-40180-5_18) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Studying upwelling phases in the Kazakhstan part of the Caspian sea**

**Rakisheva, Zauze Bayanovna; Delpeche-Ellmann, Nicole Camille; Sakhayeva, Aigerim** International journal of mathematics and physics 2020 / p. 45-50 : ill <https://doi.org/10.26577/ijmph.2020.v11.i1.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Success and success factors of the Estonian E-Residency from the state and entrepreneur perspective**

**Sallam, Mohammed Saber H. A.; Lips, Silvia; Draheim, Dirk** Electronic Governance and Open Society: Challenges in Eurasia : 8th International Conference, EGOSE 2021, Saint Petersburg, Russia, November 24-25, 2021 : proceedings 2022 / p. 291-304 [https://doi.org/10.1007/978-3-031-04238-6\\_22](https://doi.org/10.1007/978-3-031-04238-6_22) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Success in eVoting - success in eDemocracy? The Estonian paradox**

**Toots, Maarja; Kalvet, Tarmo; Krimmer, Robert Johannes** Electronic Participation : 8th IFIP WG 8.5 International Conference, ePart 2016, Guimaraes, Portugal, September 5-8, 2016 : proceedings 2016 / p. 55-66 : ill [https://doi.org/10.1007/978-3-319-45074-2\\_5](https://doi.org/10.1007/978-3-319-45074-2_5) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Summer thermal comfort : compliance assessment and overheating prevention in new apartment buildings in Estonia**

**Simson, Raimo; Kurnitski, Jarek; Maivel, Mikk** Journal of building performance simulation 2017 / p. 378-391 : ill <https://doi.org/10.1080/19401493.2016.1248488> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **The supplement of the diagnostic tool for assessment the implemented performance management systems : theoretical approach**

**Kadak, Tarmo** International journal of mathematics and computers in simulation 2013 / p. 187-197 : ill [https://www.researchgate.net/publication/292833919\\_The\\_supplement\\_of\\_the\\_diagnostic\\_tool\\_for\\_assessment\\_the\\_implemented\\_performance\\_management\\_systems\\_Theoretical\\_approach](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](#)

### **Supramolecular Chirogenesis in bis-porphyrin: crystallographic structure and CD spectra for a complex with a chiral guanidine derivative**

**Osadchuk, Irina; Konrad, Nele; Truong, Khai-Nghi; Rissanen, Kari; Clot, Eric; Aav, Riina; Kananovich, Dzmitry; Borovkov, Victor** Symmetry 2021 / 14 p. : ill <https://doi.org/10.3390/sym13020275> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Surjective cellular automata far from the Garden of Eden**

**Capobianco, Silvio; Guillon, Pierre; Kari, Jarkko** Discrete mathematics and theoretical computer science 2013 / p. 41-60 : ill [https://www.researchgate.net/publication/264932675\\_Surjective\\_cellular\\_automata\\_far\\_from\\_the\\_Garden\\_of\\_Eden](https://www.researchgate.net/publication/264932675_Surjective_cellular_automata_far_from_the_Garden_of_Eden) <https://doi.org/10.46298/dmtcs.618> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Survey on architectural attacks : a unified classification and attack model**

**Ghasempouri, Tara; Raik, Jaan; Reinbrecht, Cezar; Hamdioui, Said; Hamdioui, Said** ACM Computing Surveys 2023 / art. 42 <https://doi.org/10.1145/3604803> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](#)

### **Sustainable rural electrification : harnessing a cosmological wind**

**Troullaki, Katerina; Rozakis, Stelios; Latoufis, Kostas; Giotitsas, Christos; Priavolou, Christina; Freire, Fausto** Energies 2022 / art. 4659 <https://doi.org/10.3390/en15134659> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Sweedler theory of monads**

**McDermott, Dylan; Rivas, Exequiel; Uustalu, Tarmo** Foundations of Software Science and Computation Structures : 25th International Conference, FOSSACS 2022, Held As Part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2022, Munich, Germany, April 2-7, 2022 : proceedings 2022 / p. 428-448 [https://doi.org/10.1007/978-3-030-99253-8\\_22](https://doi.org/10.1007/978-3-030-99253-8_22)

### **Synthesis of implementations for divide-and-conquer specifications**

**Bortin, Maksym** Formal Methods: Foundations and Applications: 25th Brazilian Symposium, SBMF 2022, Virtual Event, December 6-9, 2022, proceedings 2022 / p. 73-88 [https://doi.org/10.1007/978-3-031-22476-8\\_5](https://doi.org/10.1007/978-3-031-22476-8_5) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Systematic digital signing in Estonian e-Government processes : influencing factors, technologies, change management**

**Pappel, Ingrid**; Pappel, Ingmar; **Tepandi, Jaak**; **Draheim, Dirk** Transactions on large-scale data- and knowledge-centered systems XXXVI : special issue on data and security engineering 2017 / p. 31-51 : ill [https://doi.org/10.1007/978-3-662-56266-6\\_2](https://doi.org/10.1007/978-3-662-56266-6_2) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Systematic literature review of methods for maintaining data integrity**

**Kask, Marten**; **Piho, Gunnar**; **Ross, Peeter** Advances in Model and Data Engineering in the Digitalization Era : MEDI 2021 International Workshops: DETECT, SIAS, CSMML, BIOC, HEDA, Tallinn, Estonia, June 21–23, 2021 : proceedings 2021 / p. 259–268 [https://doi.org/10.1007/978-3-030-87657-9\\_20](https://doi.org/10.1007/978-3-030-87657-9_20) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **A systematic literature review on hardware reliability assessment methods for deep neural networks**

**Ahmadilivani, Mohammad Hasan**; **Taheri, Mahdi**; **Raik, Jaan**; **Daneshtalab, Masoud**; **Jenihhin, Maksim** ACM Computing Surveys 2024 / art. 141, 39 p. : ill <https://doi.org/10.1145/3638242> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Systematic support for full knowledge management lifecycle by advanced semantic annotation across information system boundaries**

**Pattanaik, Vishwajeet**; **Norta, Alexander**; **Felderer, Michael**; **Draheim, Dirk** Information Systems in the Big Data Era : CAiSE Forum 2018, Tallinn, Estonia, June 11-15, 2018 : proceedings 2018 / p. 66–73 [https://doi.org/10.1007/978-3-319-92901-9\\_7](https://doi.org/10.1007/978-3-319-92901-9_7) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **ZnO thin films co-doped with III-valence metals and halogens: theory and experiment**

**Colibaba, G. V.**; **Rusnac, D.**; **Fedorov, V.**; **Koltsov, Mykhailo**; **Volobujeva, Olga**; **Grzibovskis, Raitis**; **Vembris, Aivars**; **Spalatu, Nicolae** Physica scripta 2024 / art. 105967 <https://doi.org/10.1088/1402-4896/ad74ab> [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](#)

### **Teaching rapid application development skills for digitalisation challenges**

**Robal, Tarmo**; **Reinsalu, Uljana**; **Leoste, Janika**; **Jürimägi, Lembit**; **Heinsar, Risto** Digital Business and Intelligent Systems : 16th International Baltic Conference, Baltic DB&IS 2024, Vilnius, Lithuania, June 30 – July 3, 2024, Proceedings 2024 / p. 177-192 : ill [https://doi.org/10.1007/978-3-031-63543-4\\_12](https://doi.org/10.1007/978-3-031-63543-4_12) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Techno-economic analysis and energy forecasting study of domestic and commercial photovoltaic system installations in Estonia**

**Shabbir, Noman**; **Kütt, Lauri**; **Raja, Hadi Ashraf**; **Jawad, Muhammad**; **Allik, Alo**; **Husev, Oleksandr** Energy 2022 / art. 124156 <https://doi.org/10.1016/j.energy.2022.124156> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Template synthesis of titanium dioxide coatings and determination of their photocatalytic activity by aqueous oxidation of humic acid**

**Budarnaja, Olga**; **Klauson, Deniss**; **Dedova, Tatjana**; **Kärber, Erki**; **Viljus, Mart**; **Preis, Sergei** Kinetics and catalysis 2014 / p. 688-694 : ill <https://doi.org/10.1134/S0023158414050036> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Temporal multi-view contracts for efficient test models**

**Guin, Jishu**; **Vain, Jüri**; **Tsiopoulos, Leonidas**; **Valdek, Gert** Digital Business and Intelligent Systems : 15th International Baltic Conference, Baltic DB&IS 2022, Riga, Latvia, July 4-6, 2022 : proceedings 2022 / p. 136–151 [https://doi.org/10.1007/978-3-031-09850-5\\_10](https://doi.org/10.1007/978-3-031-09850-5_10) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Testing generic strong accessibility of nonlinear control systems via polynomial (quadratic) immersion**

**Carravetta, Francesco**; **Sarafrazi, Mohammad Amin**; **Bartosiewicz, Zbigniew**; **Kotta, Ülle** 61st IEEE Conference on Decision and Control, CDC 2022, Cancun, 6 December - 9 December 2022, proceedings 2022 / p. 1841-1846 <https://doi.org/10.1109/CDC51059.2022.9992952> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Testing the applicability of digital decision support on a nationwide EHR**

**Metsallik, Janek**; **Ross, Peeter** Digital Economy. Emerging Technologies and Business Innovation : 6th International Conference on Digital Economy, ICDEc 2021, Tallinn, Estonia, July 15–17, 2021 : proceedings 2021 / p. 134–146 <https://doi.org/10.1007/978-3-030->

### Testing web services with model-based mutation

Siavashi, Faezeh; Iqbal, Junaid; Truscan, Dragos; **Vain, Jüri** Software Technologies : 11th International Joint Conference, ICSOFT 2016 : Lisbon, Portugal, July 24–26, 2016 : revised selected papers 2017 / p. 45-67 [https://doi.org/10.1007/978-3-319-62569-0\\_3](https://doi.org/10.1007/978-3-319-62569-0_3) [Conference proceedings at Scopus Article at Scopus Article at WOS](#)

### The Baltic Sea Model Intercomparison Project (BMIP) - a platform for model development, evaluation, and uncertainty assessment

Gröger, Matthias; Placke, Manja; Meier, H. E. Markus; Börgel, Florian; Brunnabend, Sandra-Esther; Dutheil, Cyril; Gräwe, Ulf; Hieronymus, Magnus; Neumann, Thomas; **Väli, Germo** Geoscientific model development 2022 / p. 8613-8638 <https://doi.org/10.5194/gmd-15-8613-2022> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

### The beauty of graphs

**Pietarinen, Ahti-Veikko** Diagrammatic Representation and Inference : 10th International Conference, Diagrams 2018, Edinburgh, UK, June 18–22, 2018 : proceedings 2018 / p. 9-12 [https://doi.org/10.1007/978-3-319-91376-6\\_2](https://doi.org/10.1007/978-3-319-91376-6_2) [Conference Proceedings at Scopus Article at Scopus Conference Proceedings at WOS Article at WOS](#)

### The data quality framework for the Estonian public sector and its evaluation : establishing a systematic process-oriented viewpoint on cross-organizational data quality

**Tepandi, Jaak; Lauk, Mihkel;** Linros, Janar; Rospel, Priit; **Piho, Gunnar; Pappel, Ingrid; Draheim, Dirk** Transactions on large-scale data- and knowledge-centered systems XXXV 2017 / p. 1-26 : ill [https://doi.org/10.1007/978-3-662-56121-8\\_1](https://doi.org/10.1007/978-3-662-56121-8_1) [Conference proceedings at Scopus Article at Scopus Article at WOS](#)

### The D-bar method for diffuse optical tomography : a computational study

**Tamminen, Janne Pertti Olavi;** Tarvainen, T.; Siltanen, Samuli Experimental mathematics 2017 / p. 225-240 : ill <https://doi.org/10.1080/10586458.2016.1157775> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

### The digital archiving process in Estonia - assessment and future perspectives

**Pappel, Ingrid; Oolu, Karin;** Saarevet, Koit; **Lauk, Mihkel; Draheim, Dirk** Future Data and Security Engineering : 4th International Conference, FDSE 2017, Ho Chi Minh City, Vietnam, November 29 - December 1, 2017 : proceedings 2017 / p. 472-481 : ill [https://doi.org/10.1007/978-3-319-70004-5\\_34](https://doi.org/10.1007/978-3-319-70004-5_34) [Conference proceedings at Scopus Article at Scopus Article at WOS](#)

### The formal theory of relative monads

**Arkor, Nathanael;** McDermott, Dylan Journal of pure and applied algebra 2024 / art. 107676, 107 p. : ill <https://doi.org/10.1016/j.jpaa.2024.107676> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

### The future of the once-only principle in Europe

**Krimmer, Robert Johannes;** Prentza, Andriana; Mamrot, Szymon; **Schmidt, Carsten;** Cepilovs, Aleksandrs The once-only principle : The TOOP project 2021 / p. 225–236 [https://doi.org/10.1007/978-3-030-79851-2\\_12](https://doi.org/10.1007/978-3-030-79851-2_12) [Article collection metrics at Scopus Article at Scopus Article collection metrics at WOS Article at WOS](#)

### The influence of energy renovation on the change of indoor temperature and energy use

**Hamburg, Anti; Kalamees, Targo** Energies 2018 / art. 3179, p. 1-15 : ill <https://doi.org/10.3390/en11113179> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

### The most prominent software development concepts cited in IT professionals' blogs

**Ojastu, Deniss; Robal, Tarmo; Kalja, Ahto** Perspectives in business informatics research : 14th International Conference, BIR 2015, Tartu, Estonia, August 26-28, 2015 : proceedings 2015 / p. 197-212 [https://doi.org/10.1007/978-3-319-21915-8\\_13](https://doi.org/10.1007/978-3-319-21915-8_13) [Conference proceedings at Scopus Article at Scopus](#)

### The nexus of world electricity and global sustainable development

Wittmann, Veronika; Arici, Elif; **Meissner, Dieter** Energies 2021 / art. 5843, 21 p. : ill <https://doi.org/10.3390/en14185843> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

### The operadic modeling of gauge systems of the Yang-Mills type

**Paal, Eugen** Reports on mathematical physics 2014 / p. 109-126 : ill [https://doi.org/10.1016/S0034-4877\(14\)60061-6](https://doi.org/10.1016/S0034-4877(14)60061-6) [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

### The optimization, design and performance of the FBCM23 ASIC for the upgraded CMS beam monitoring system

Kaplon, Jan; Wegrzyn, Grzegorz; **Shibin, Konstantin;** Barendregt, Marnix Journal of instrumentation 2024 / art. C02026, 6 p. : ill <https://doi.org/10.1088/1748-0221/19/02/C02026> [Conference proceedings at Scopus Article at Scopus Conference proceedings at WOS Article at WOS](#)

### The potential of the Estonian e-Governance infrastructure in supporting displaced Estonian residents

Thurnay, Lörinc; Klasche, Benjamin; **Nyman-Metcalf, Katrin Merike; Pappel, Ingrid; Draheim, Dirk** Electronic Government and the

Information Systems Perspective : 6th International Conference, EGOVIS 2017, Lyon, France, August 28-31, 2017 : proceedings 2017 / p. 236-250 [https://doi.org/10.1007/978-3-319-64248-2\\_17](https://doi.org/10.1007/978-3-319-64248-2_17) [Conference proceedings at Scopus](#) [Article at Scopus](#) [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 metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **The science to save us from philosophy of science**

**Pietarinen, Ahti-Veikko** Axiomathes 2015 / p. 149-166 <https://doi.org/10.1007/s10516-014-9261-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **The smash product of monoidal theories**

**Hadzihasanovic, Amar** 36th Annual ACM/IEEE Symposium on Logic in Computer Science (LICS), 29 June-2 July 2021, Rome, Italy, virtual : proceedings 2021 / art. 9470575, 13 p <https://doi.org/10.1109/LICS52264.2021.9470575> [Conference proceeding at Scopus](#) [Article at Scopus](#) [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](#)

### **The technical challenges in OOP application across the European Union and the TOOP OOP architecture**

**Tepandi, Jaak**; Rotuna, Carmen; Sellitto, Giovanni Paolo; Fieten, Sander; Prentza, Andriana The once-only principle : The TOOP project 2021 / p. 141–163 [https://doi.org/10.1007/978-3-030-79851-2\\_8](https://doi.org/10.1007/978-3-030-79851-2_8) [Collection metrics at Scopus](#) [Article at Scopus](#) [Collection metrics at WOS](#) [Article at WOS](#)

### **A theme section on the central role of modeling in designing and explaining data-driven systems and software**

Attiogbe, Christian; **Ben Yahia, Sadok**; Bellatreche, Ladjel Software and Systems Modeling 2023 / p. 1945-1947

<https://doi.org/10.1007/s10270-023-01133-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Theoretical aspects of symbolic automata**

**Tamm, Hellis**; Veanes, Margus SOFSEM 2018 : Theory and Practice of Computer Science : 44th International Conference on Current Trends in Theory and Practice of Computer Science, Krems, Austria, January 29 - February 2, 2018 : proceedings 2018 / p. 428-441 [https://doi.org/10.1007/978-3-319-73117-9\\_30](https://doi.org/10.1007/978-3-319-73117-9_30) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Theory and molecular dynamics simulations of intrinsic localized modes and defect formation in solids**

Hižnjakov, Vladimir; Haas, Mati; Šelkan, Aleksander; **Klopov, Mihhail** Physica scripta 2014 / p. 1-5 : ill <https://doi.org/10.1088/0031-8949/89/04/044003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Theory of átomata**

Brzozowski, Janusz; **Tamm, Hellis** Theoretical computer science 2014 / p. 13-27 : ill <https://doi.org/10.1016/j.tcs.2014.04.016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Three-dimensional CFD analysis of liquid slug acceleration and impact in a voided pipeline with end orifice**

He, Junling; Hou, Qingzhi; Lian, Jijian; Tijsseling, Arris S.; Bozkus, Zafer; **Laanearu, Janek**; Lin, Lei Engineering Applications of Computational Fluid Mechanics 2022 / p. 1444-1463 <https://doi.org/10.1080/19942060.2022.2095440> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Three-dimensional visualization of legal acts : concept and prototype**

**Täks, Ermo**; **Kruuk, Helina**; **Draheim, Dirk** Future data and security engineering : big data, security and privacy, smart city and industry 4.0 applications : 10th International Conference, FDSE 2023, Da Nang, Vietnam, November 22–24, 2023, proceedings 2023 / p. 3-17 [https://doi.org/10.1007/978-981-99-8296-7\\_1](https://doi.org/10.1007/978-981-99-8296-7_1) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **3DLaneNAS : neural architecture search for accurate and light-weight 3D lane detection**

Zoljodi, Ali; Loni, Mohammad; Abadijoui, Sadegh; Alibeigi, Mina; **Daneshtalab, Masoud** Artificial Neural Networks and Machine Learning - ICANN 2022 : proceedings. Part I 2022 / p. 404-415 [https://doi.org/10.1007/978-3-031-15919-0\\_34](https://doi.org/10.1007/978-3-031-15919-0_34) [Conference Proceedings at scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **A three-phase simplex method for infeasible and unbounded linear programming problems**

**Übi, Evald** Journal of Mathematical and Computational Science 2020 / p. 906-921 <http://scik.org/index.php/jmcs/article/view/4387> <https://doi.org/10.28919/jmcs/4387> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Ticking clocks as dependent right adjoints: Denotational semantics for clocked type theory**

Mannaa, Bassel; Mogelberg, Rasmus Ejlers; **Veltri, Niccolo** Logical Methods in Computer Science 2020 / p. 17:1 - 17:31 [https://doi.org/10.23638/LMCS-16\(4:17\)2020](https://doi.org/10.23638/LMCS-16(4:17)2020) [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](#)

### **Time-domain identification of one noninteger order plus time delay models from step response measurements**

**Alagoz, Baris Baykant; Tepljakov, Aleksei; Ates, Abdullah; Petlenkov, Eduard; Yeroglu, Celaledin** International journal of modeling, simulation, and scientific computing 2019 / art. 1941011, 22 p. : ill <https://doi.org/10.1142/S1793962319410113> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **To i-vote or not to i-vote: drivers and barriers to the implementation of internet voting**

**Licht, Nathan;** Duena Cid, David; Krivososova, Iuliia; Krimmer, Robert Johannes Electronic voting : 6th International Joint Conference, E-Vote-ID 2021, Virtual Event, October 5–8, 2021, Proceedings 2021 / p. 91-105 : ill [https://doi.org/10.1007/978-3-030-86942-7\\_7](https://doi.org/10.1007/978-3-030-86942-7_7) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding 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](#)

### **A token economy governance model**

**Kivilo, Samela;** Norta, Alexander; Hattingh, Marie Harnessing AI, Machine Learning, and IoT for Intelligent Business ; Vol. 2 2024 / p. 395 - 405 [https://doi.org/10.1007/978-3-031-66218-8\\_30](https://doi.org/10.1007/978-3-031-66218-8_30) [Article collection metrics at Scopus](#) [Article at Scopus](#)

### **A tool for design-time usability evaluation of web user interfaces**

**Marenkov, Jevgeni; Robal, Tarmo; Kalja, Ahto** Advances in databases and information systems 21st European Conference, ADBIS 2017 Nicosia, Cyprus, September 24-27, 2017 : proceedings 2017 / p. 394-407 : ill [https://doi.org/10.1007/978-3-319-66917-5\\_26](https://doi.org/10.1007/978-3-319-66917-5_26) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **A tool-supported approach for introducing aspects in UPPAAL timed automata**

**Truscan, Dragos; Vain, Jüri;** Koskinen, Martin; Iqbal, Junaid Software technologies : 9th International Joint Conference, ICSoft 2014, Vienna, Austria, August 29-31, 2014 : revised selected papers 2015 / p. 349-364 [https://doi.org/10.1007/978-3-319-25579-8\\_20](https://doi.org/10.1007/978-3-319-25579-8_20) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **TOOP trust architecture**

**Boldrin, Luca; Sellitto, Giovanni Paolo; Tepandi, Jaak** The once-only principle : The TOOP project 2021 / p. 126–140 [https://doi.org/10.1007/978-3-030-79851-2\\_7](https://doi.org/10.1007/978-3-030-79851-2_7) [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article collection metrics at WOS](#) [Article at WOS](#)

### **Top-K formal concepts for identifying positively and negatively correlated biclusters**

**Houari, Amina; Ben Yahia, Sadok** Model and Data Engineering : 10th International Conference, MEDI 2021, Tallinn, Estonia, June 21–23, 2021 : proceedings 2021 / p. 156-172 [https://doi.org/10.1007/978-3-030-78428-7\\_13](https://doi.org/10.1007/978-3-030-78428-7_13) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Toward the application of the layer-wise displacement theory in passenger ships - a quasi-static response**

**Imala, Mikk-Markus; Naar, Hendrik; Tabri, Kristjan;** Romanoff, Jani Mechanics of Advanced Materials and Structures 2023 / p. 4698-4710 <https://doi.org/10.1080/15376494.2022.2103859> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Towards a Cross-Border Reference Architecture for the Once-Only Principle in Europe : An Enterprise Modelling Approach**

**Tepandi, Jaak;** Grandry, Eric; Fietsen, Sander; Draheim, Dirk; Piho, Gunnar The Practice of Enterprise Modeling : 12th IFIP Working Conference, PoEM 2019, Luxembourg, Luxembourg, November 27–29, 2019 : proceedings 2019 / p. 103-117 [https://doi.org/10.1007/978-3-030-35151-9\\_7](https://doi.org/10.1007/978-3-030-35151-9_7) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Towards a foundation of Web3**

**Buldas, Ahto; Draheim, Dirk;** Gault, Mike; Saarepera, Märt Future Data and Security Engineering : Big Data, Security and Privacy, Smart City and Industry 4.0 Applications : 9th International Conference, FDSE 2022, Ho Chi Minh City, Vietnam, November 23-25, 2022 : proceedings 2022 / p. 3-18 [https://doi.org/10.1007/978-981-19-8069-5\\_1](https://doi.org/10.1007/978-981-19-8069-5_1) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Towards an architecture for e-learning infrastructures on a national level : a case study of AfgREN**

**Saay, Mohammad Salim; Norta, Alexander;** Laanpere, Mart Current Developments in Web Based Learning : ICWL 2015 International Workshops, KMEL, IWUM, LA, Guangzhou, China, November 5-8, 2015 : revised selected papers 2016 / p. 98-107 : ill [https://doi.org/10.1007/978-3-319-32865-2\\_11](https://doi.org/10.1007/978-3-319-32865-2_11) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

#### **Towards assessment of behavioral patterns in a virtual reality environment**

**Köse, Ahmet; Tepļakov, Aleksei; Abel, Mihkel; Petlenkov, Eduard** Augmented Reality, Virtual Reality, and Computer Graphics : 6th International Conference, AVR 2019 : Santa Maria al Bagno, Italy, June 24–27, 2019 : Proceedings. Part I 2019 / p. 237–253 : ill [https://doi.org/10.1007/978-3-030-25965-5\\_18](https://doi.org/10.1007/978-3-030-25965-5_18) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

#### **Towards assisting interactive reality : interactive reality for education, data analysis and industry**

**Köse, Ahmet; Tepļakov, Aleksei; Petlenkov, Eduard** Augmented Reality, Virtual Reality, and Computer Graphics : 5th International Conference : AVR 2018, Otranto, Italy, June 24–27, 2018 : proceedings, Part I 2018 / p. 569–588 [https://doi.org/10.1007/978-3-319-95282-6\\_41](https://doi.org/10.1007/978-3-319-95282-6_41) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

#### **Towards establishing relationships between human arousal level and motion mass**

**Nõmm, Sven; Kõnnusaar, Tiit; Toomela, Aaro** Neural Information Processing : 21st International Conference, ICONIP 2014, Kuching, Malaysia, November 3–6, 2014 : proceedings. Part 1 2014 / p. 19–26 : ill [https://doi.org/10.1007/978-3-319-12637-1\\_3](https://doi.org/10.1007/978-3-319-12637-1_3) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

#### **Towards modeling of finger motions in virtual reality environment**

**Nõmm, Sven; Toomela, Aaro; Kulikov, Jaroslav** Augmented Reality, Virtual Reality, and Computer Graphics : 4th International Conference, AVR 2017, Ugento, Italy, June 12–15, 2017 : proceedings. Part I 2017 / p. 106–115 : ill [https://doi.org/10.1007/978-3-319-60922-5\\_8](https://doi.org/10.1007/978-3-319-60922-5_8) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Towards process-aware cross-organizational human resource management**

Cabanillas, Christina; **Norta, Alexander** Enterprise, Business-Process and Information Systems Modeling : 15th International Conference, BPMDS 2014, 19th International Conference, EMMSAD 2014, Held at CAiSE 2014, Thessaloniki, Greece, June 16–17, 2014 : proceedings 2014 / p. 79–93 : ill [https://doi.org/10.1007/978-3-662-43745-2\\_6](https://doi.org/10.1007/978-3-662-43745-2_6) [Conference proceedings at Scopus](#) [Article at Scopus](#)

#### **Towards self-development of evolutionary information systems : an action research of business architecture development by students in socially networked groups**

**Roost, Mart; Taveter, Kuldar; Rava, Karin; Tepandi, Jaak; Piho, Gunnar; Kuusik, Rein, inform.; Õunapuu, Enn** Advanced Information Systems Engineering Workshops : CAiSE 2013 International Workshops, Valencia, Spain, June 17–21, 2013 : proceedings 2013 / p. 1–15 [https://doi.org/10.1007/978-3-642-38490-5\\_1](https://doi.org/10.1007/978-3-642-38490-5_1) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

#### **Towards the notion of average trajectory of the repeating motion of human limbs**

**Nõmm, Sven; Toomela, Aaro; Gaichenja, Iliia** Intelligent Information and Database Systems : 9th Asian Conference, ACIIDS 2017, Kanazawa, Japan, April 3–5, 2017 : proceedings. Part II 2017 / p. 582–591 : ill [https://doi.org/10.1007/978-3-319-54430-4\\_56](https://doi.org/10.1007/978-3-319-54430-4_56) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Towards unification of statistical reasoning, OLAP and association rule mining : semantics and pragmatics**

**Sharma, Rahul; Kaushik, Minakshi; Arakkal Peious, Sijo; Shahin, Mahtab; Draheim, Dirk** Database Systems for Advanced Applications : 27th International Conference, DASFAA 2022, Virtual Event, April 11–14, 2022 : proceedings. Part I 2022 / p. 596–603 [https://doi.org/10.1007/978-3-031-00123-9\\_48](https://doi.org/10.1007/978-3-031-00123-9_48) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

#### **Training young cybersecurity talents – The case of Estonia**

**Kikkas, Kaido; Lorenz, Birgy** HCI International 2020 - Posters : 22nd International Conference, HCII 2020, Copenhagen, Denmark, July 19–24, 2020, Proceedings, Part II 2020 / p. 256–263 [https://doi.org/10.1007/978-3-030-50729-9\\_36](https://doi.org/10.1007/978-3-030-50729-9_36) [Conference proceeding at Scopus](#) [Journal metrics at Scopus](#)

#### **Transformation of nonlinear MIMO discrete-time systems into the extended observer form**

**Kaparin, Vadim; Kotta, Ülle** Asian journal of control 2019 / p. 2208–2217 : ill <https://doi.org/10.1002/asjc.1824> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Transformation of nonlinear state equations into the observer form : necessary and sufficient conditions in terms of one-forms**

**Kaparin, Vadim; Kotta, Ülle** Kybernetika 2015 / p. 36–58 <https://doi.org/10.14736/kyb-2015-1-0036> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Transforming a set of nonlinear input-output equations into Popov form**

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

#### **Transition from self-organized criticality into self-organization during sliding Si3N4 balls against nanocrystalline diamond films**

**Bogatov, Andrei; Podgurski, Vitali; Vagiström, Heinar; Yashin, Maxim; Shaikh, Asad Alamgir; Viljus, Mart; Menezes,**

Pradeep; Gershman, Iosif Entropy 2019 / art. 1055 ; 12 p <https://doi.org/10.3390/e21111055> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Transnational digital identity as an instrument for Global Digital Citizenship : The case of Estonia's e-Residency**

**Tammpuu, Piia; Masso, Anu** Information systems frontiers 2019 / p. 621-634 : ill <https://doi.org/10.1007/s10796-019-09908-y> [Professor Anu Masso: e-residentsus taastoodab digitaalset ebavõrdsust](#) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Triangulated factorization systems and t-structures**

**Loregian, Fosco; Virili, Simone** Journal of algebra 2020 / p. 219-241 <https://doi.org/10.1016/j.jalgebra.2019.12.021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Tripped at the finishing line : the Åland Islands internet voting project**

**Duenas Cid, David; Krivosova, Iuliia; Serrano-Iova, Radu-Antonio; Freire, Marlon; Krimmer, Robert Johannes** Electronic Voting : 5th International Joint Conference, E-Vote-ID 2020, Bregenz, Austria, October 6–9, 2020 : proceedings 2020 / p. 36-49 : ill [https://doi.org/10.1007/978-3-030-60347-2\\_3](https://doi.org/10.1007/978-3-030-60347-2_3) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **"Trust me, you will need it" : cybersecurity as extracurricular subject at Estonian schools**

**Lorenz, Birgy; Kikkas, Kaido** HCI for Cybersecurity, Privacy and Trust : Second International Conference, HCI-CPT 2020, Held as Part of the 22nd HCI International Conference, HCII 2020, Copenhagen, Denmark, July 19–24, 2020 : proceedings 2020 / p. 175-188 [https://doi.org/10.1007/978-3-030-50309-3\\_12](https://doi.org/10.1007/978-3-030-50309-3_12) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Two cognitive systems, two implications, and selection tasks**

**Bobrova, Angelina; Pietarinen, Ahti-Veikko** Software Engineering and Formal Methods : SEFM 2019 Collocated Workshops: CoSim-CPS, ASYDE, CIFMA, and FOCLASA, Oslo, Norway, September 16–20, 2019, Revised Selected Papers 2020 / p. 195 - 205 [https://doi.org/10.1007/978-3-030-57506-9\\_15](https://doi.org/10.1007/978-3-030-57506-9_15) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at Scopus](#) [Article at WOS](#)

### **Two implications and dual-process theories of reasoning**

**Bobrova, Angelina; Pietarinen, Ahti-Veikko** Diagrammatic representation and inference : 11th International Conference, Diagrams 2020, Tallinn, Estonia, August 24–28, 2020 : proceedings 2020 / p. 239-243 [https://doi.org/10.1007/978-3-030-54249-8\\_19](https://doi.org/10.1007/978-3-030-54249-8_19) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings 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](#)

### **2D estimation of velocity relative to water and tidal currents based on differential pressure for autonomous underwater vehicles**

**Meurer, Christian; Fuentes-Perez, Juan Francisco; Schwarzwald, Kordula; Ludvigsen, Martin; Sorensen, Asgeir Johan; Kruusmaa, Maarja** IEEE robotics and automation letters 2020 / p. 3444-3451 <https://doi.org/10.1109/LRA.2020.2976318> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Two-dimensional knowledge model for learning control and competence mapping**

**Kukk, Vello; Umbleja, Kadri; Jaanus, Martin** Learning Technology for Education in Cloud : 4th International Workshop, LTEC 2015, Maribor, Slovenia, August 24-28, 2015 : proceedings 2015 / p. 16-27 : ill [https://doi.org/10.1007/978-3-319-22629-3\\_2](https://doi.org/10.1007/978-3-319-22629-3_2) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **A two-layer elastic strip under transverse impact loading : analytical solution, finite element, and finite volume simulations**

**Adámek, V.; Berezovski, Arkadi; Mračko, Michal; Kolman, Radek** Mathematics and computers in simulation 2021 / p. 126-140 <https://doi.org/10.1016/j.matcom.2020.10.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A type system with subtyping for Webassembly's stack polymorphism**

**McDermott, Dylan; Morita, Yasuaki; Uustalu, Tarmo** Theoretical Aspects of Computing - ICTAC 2022 : 19th International Colloquium, Tbilisi, Georgia, September 27-30, 2022 : proceedings 2022 / p. 305-323 [https://doi.org/10.1007/978-3-031-17715-6\\_20](https://doi.org/10.1007/978-3-031-17715-6_20) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Understanding computational methods for solar envelopes based on design parameters, tools, and case studies : a review**

**Alkadri, Miktha Farid; De Luca, Francesco; Turrin, Michel; Sariyildiz, Sevil** Energies 2020 / art. 3302, 25 p. : ill <https://doi.org/10.3390/en13133302> [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, USA 27 - 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](#)

**Unique determination of a planar screen in electromagnetic inverse scattering**

Ola, Petri; **Päivärinta, Lassi Juhani; Sadique, Sadia** Mathematics 2023 / art. 4655 <https://doi.org/10.3390/math11224655> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Unique determination of the shape of a scattering screen from a passive measurement**

**Blasten, Emilia; Päivärinta, Lassi Juhani; Sadique, Sadia** Mathematics 2020 / art. 1156, 15 p <https://doi.org/10.3390/math8071156> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Uniqueness for an inverse problem for a semilinear time-fractional diffusion equation**

**Janno, Jaan; Kasemets, Kairi** Inverse problems and imaging 2017 / p. 125-149 <https://doi.org/10.3934/ipi.2017007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Unit reducible fields and perfect unary forms**

**Leibak, Alar**; Porter, Christian; Ling, Cong Journal de Theorie des Nombres de Bordeaux 2023 / p. 867-895 <https://doi.org/10.5802/jtnb.1267> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Unraveling the social-technical complexity of dashboards for transformation**

**Lemke, Florian; Janssen, Marijn; Draheim, Dirk** Electronic Governance and Open Society: Challenges in Eurasia : 8th International Conference, EGOSE 2021, Saint Petersburg, Russia, November 24–25, 2021 : proceedings 2022 / p. 21-34 [https://doi.org/10.1007/978-3-031-04238-6\\_3](https://doi.org/10.1007/978-3-031-04238-6_3) [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Unsatisfiability of comparison-based non-malleability for commitments**

**Firsov, Denis**; Laur, Sven; **Zhuchko, Ekaterina** Theoretical Aspects of Computing - ICTAC 2022 : 19th International Colloquium, Tbilisi, Georgia, September 27-30, 2022 : proceedings 2022 / p. 188–194 [https://doi.org/10.1007/978-3-031-17715-6\\_13](https://doi.org/10.1007/978-3-031-17715-6_13) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Urban Shaderade. Building space analysis method for energy and sunlight consideration in urban environments**

**De Luca, Francesco; Sepulveda Luque, Abel** Computer-Aided Architectural Design. INTERCONNECTIONS: Co-computing Beyond Boundaries. CAAD Futures 2023 : 20th International Conference, Delft, The Netherlands, July 5–7, 2023 : Selected Papers 2023 / p. 317-332 [https://doi.org/10.1007/978-3-031-37189-9\\_21](https://doi.org/10.1007/978-3-031-37189-9_21) [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Usages of the ContSys Standard : a position paper**

**Kankainen, Kristian Juha Ismo** Advances in Model and Data Engineering in the Digitalization Era : MEDI 2021 International Workshops : DETECT, SIAS, CSMML, BIOC, HEDA, Tallinn, Estonia, June 21–23, 2021 : proceedings 2021 / p. 314–324 [https://doi.org/10.1007/978-3-030-87657-9\\_24](https://doi.org/10.1007/978-3-030-87657-9_24) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**User interactions in Virtual Data Explorer**

**Kullman, Kaur**; Engel, Don Augmented Cognition : 16th International Conference, AC 2022, Held as Part of the 24th HCI International Conference, HCII 2022. Virtual Event, June 26 - July 1, 2022, proceedings 2022 / p. 333-347 [https://doi.org/10.1007/978-3-031-05457-0\\_26](https://doi.org/10.1007/978-3-031-05457-0_26) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Using machine learning for automated assessment of misclassification of goods for fraud detection**

**Spitšakova, Margarita; Haav, Hele-Mai** Databases and Information Systems : 14th International Baltic Conference, DB&IS 2020, Tallinn, Estonia, June 16-19, 2020 : Proceedings 2020 / p. 144-158 [https://doi.org/10.1007/978-3-030-57672-1\\_12](https://doi.org/10.1007/978-3-030-57672-1_12) [Conference proceeding at Scopus](#) [Article at Scopus](#)

**Using mandatory concepts for knowledge discovery and data structuring**

Eloumi, Samir; **Ben Yahia, Sadok**; Al Ja'am, Jihad Database and Expert Systems Applications : 30th International Conference, DEXA 2019, Linz, Austria, August 26–29, 2019, Proceedings, Part II 2019 / p. 362 - 375 [https://doi.org/10.1007/978-3-030-27618-8\\_27](https://doi.org/10.1007/978-3-030-27618-8_27) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

**Using market basket analysis to find semantic duplicates in ontology**

**Astrova, Irina**; Koschel, Arne; Lee, Su Ling Computational Science and Its Applications – ICCSA 2020 : 20th International Conference, Cagliari, Italy, July 1–4, 2020 : Proceedings, Part IV 2020 / p. 197-211 [https://doi.org/10.1007/978-3-030-58811-3\\_14](https://doi.org/10.1007/978-3-030-58811-3_14) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

**Using MedBloT dataset to build effective machine learning-based IoT botnet detection systems**

**Guerra Manzanares, Alejandro; Medina-Galindo, Jorge; Bahsi, Hayretudin; Nömm, Sven** Information Systems Security and Privacy : 6th International Conference, ICISSP 2020, Valletta, Malta, February 25–27, 2020 : revised selected papers 2022 / p. 222–243 [https://doi.org/10.1007/978-3-030-94900-6\\_11](https://doi.org/10.1007/978-3-030-94900-6_11) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Using the Estonian electronic identity card for authentication to a machine**

**Morgan, Danielle**; Parsovs, Arnis Secure IT Systems : 22nd Nordic Conference, NordSec 2017, Tartu, Estonia, November 8-10, 2017 : proceedings 2017 / p. 175-191 : ill [https://doi.org/10.1007/978-3-319-70290-2\\_11](https://doi.org/10.1007/978-3-319-70290-2_11) [Conference proceedings at Scopus](#) [Article at](#)

**Utilization of additive manufacturing in the thermal design of electrical machines : a review**

**Sarap, Martin; Kallaste, Ants; Ghahfarokhi, Payam Shams; Tiismus, Hans; Vaimann, Toomas** Machines 2022 / art. 251  
<https://doi.org/10.3390/machines10040251> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The utilization of public-private partnership frameworks in the management of eID projects**

**Mander, Stina; Lips, Silvia; Draheim, Dirk** Electronic Government and the Information Systems Perspective, 12th International Conference, EGOVIS 2023, Penang, Malaysia, August 28–30, 2023, Proceedings 2023 / p. 17-32 [https://doi.org/10.1007/978-3-031-39841-4\\_2](https://doi.org/10.1007/978-3-031-39841-4_2) [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Valorisation of waste heat in existing and future district heating systems**

**Pakere, Ieva; Blumberga, Dagnija; Volkova, Anna; Lepiksaar, Kertu**; Zirne, Agate Energies 2023 / art. 6796  
<https://doi.org/10.3390/en16196796> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Variable self-efficacy as a measurement for behaviors in cyber security operations**

**Lugo, Ricardo Gregorio; Knox, Benjamin James; Josok, Oyvind; Sütterlin, Stefan** Augmented Cognition. Human Cognition and Behavior : 14th International Conference, AC 2020, Held as Part of the 22nd HCI International Conference, HCII 2020, Copenhagen, Denmark, July 19–24, 2020 : proceedings, Part II 2020 / p. 395-404 [https://doi.org/10.1007/978-3-030-50439-7\\_27](https://doi.org/10.1007/978-3-030-50439-7_27) [Conference proceedings at Scopus](#) [Article at Scopus](#)

**A variety theorem for relational universal algebra**

**Nester, Chad Mitchell** Relational and Algebraic Methods in Computer Science : 19th International Conference, RAMiCS 2021, Marseille, France, November 2–5, 2021 : proceedings 2021 / p. 362–377 [https://doi.org/10.1007/978-3-030-88701-8\\_22](https://doi.org/10.1007/978-3-030-88701-8_22) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Wave propagation and dispersion in microstructured wool felt**

**Kartofelev, Dmitri; Stulov, Anatoli** Wave motion 2015 / p. 23-33 : ill <https://doi.org/10.1016/j.wavemoti.2015.03.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Wax actuator's empirical model development and application to underfloor heating control with varying complexity of controller modelling detail**

**Parts, Tuule Mall; Ferrantelli, Andrea; Naar, Hendrik; Thalfeldt, Martin; Kurnitski, Jarek** Journal of building performance simulation 2023 / p. 772-796 <https://doi.org/10.1080/19401493.2023.2201818> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Weak inverse problems for parabolic integro-differential equations containing two kernels**

**Kasemets, Kairi; Janno, Jaan** Electronic journal of differential equations 2014 / p. 1-19  
<https://ejde.math.txstate.edu/Volumes/2014/176/kasemets.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A Weakening of Alpha graphs : quasi-Boolean algebras**

**Pietarinen, Ahti-Veikko**; Ma, Minghui Diagrammatic Representation and Inference : 10th International Conference, Diagrams 2018, Edinburgh, UK, June 18–22, 2018 : proceedings 2018 / p. 549-564 [https://doi.org/10.1007/978-3-319-91376-6\\_50](https://doi.org/10.1007/978-3-319-91376-6_50) [Conference Proceedings at Scopus](#) [Conference Proceedings 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](#)

**Venn diagrams with “Most”: a natural logic approach**

**Liu, Xinwen; Pietarinen, Ahti-Veikko** Diagrammatic Representation and Inference : 12th International Conference, Diagrams 2021, Virtual, September 28–30, 2021 : proceedings 2021 / p. 264–268 : ill [https://doi.org/10.1007/978-3-030-86062-2\\_27](https://doi.org/10.1007/978-3-030-86062-2_27) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Verifiability experiences in government online voting systems**

**Puiggali, Jordi; Cucurull, Jordi; Guasch, Sandra; Krimmer, Robert Johannes** Electronic Voting : Second International Joint Conference, E-Vote-ID 2017 : Bregenz, Austria, October 24-27, 2017 : proceedings 2017 / p. 248-263 : ill [https://doi.org/10.1007/978-3-319-68687-5\\_15](https://doi.org/10.1007/978-3-319-68687-5_15) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Verification of utility-scale solar photovoltaic plant models for dynamic studies of transmission networks**

**Machlev, Ram; Batushansky, Zohar; Soni, Sachin; Chadliev, Vladimir; Belikov, Juri**; Levron, Yoash Energies 2020 / art. 3191, 20 p. : ill <https://doi.org/10.3390/en13123191> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Versatile direct and transpose matrix multiplication with chained operations : an optimized architecture using circulant matrices**

lakymchuk, Taras; Rosado-Munoz, Alfredo; Mompean, Manuel Bataller; Villora, Jose Vicente Frances; **Osimiry, Emmanuel Ovie** IEEE Transactions on Computers 2016 / p. 3470 - 3479 <https://doi.org/10.1109/TC.2016.2538235> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **What Are Rules for? A Carroll-Peirce Comparison**

**Moktefi, Amirouche;** Bhattacharjee, Reetu Diagrammatic Representation and Inference : 12th International Conference, Diagrams 2021, Virtual, September 28–30, 2021 : proceedings 2021 / p. 251–254 : ill [https://doi.org/10.1007/978-3-030-86062-2\\_24](https://doi.org/10.1007/978-3-030-86062-2_24) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

#### **When is a container a comonad?**

Ahman, Danel; **Chapman, James;** Uustalu, Tarmo Logical methods in computer science 2014 / p. 1–48 : ill [https://doi.org/10.2168/LMCS-10\(3:14\)2014](https://doi.org/10.2168/LMCS-10(3:14)2014) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **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](#)

#### **Why not to trust big data : discussing statistical paradoxes**

**Sharma, Rahul; Kaushik, Minakshi; Arakkal Peious, Sijo; Shahin, Mahtab;** Vidyarthi, Ankit; Tiwari, Prayag; **Draheim, Dirk** Database Systems for Advanced Applications : DASFAA 2022, International Workshops BDMS, BDQM, GDMA, IWB, MATQTDS, and PMBD, Virtual Event, April 11–14, 2022 : proceedings 2022 / p. 50–63 : ill [https://doi.org/10.1007/978-3-031-11217-1\\_4](https://doi.org/10.1007/978-3-031-11217-1_4) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

#### **Wide input voltage range operation of the series resonant DC-DC converter with bridgeless boost rectifier**

**Bakeer, Abualkasim Ahmed Ali; Chub, Andrii; Vinnikov, Dmitri; Rosin, Argo** Energies 2020 / p. 4220–4237 <https://doi.org/10.3390/en13164220> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Wide range series resonant DC-DC converter with a reduced component count and capacitor voltage stress for distributed generation**

**Bakeer, Abualkasim Ahmed Ali; Chub, Andrii; Blinov, Andrei;** Lai, Jih-Sheng Energies 2021 / art. 2051 <https://doi.org/10.3390/en14082051> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Window model and 5 year price data sensitivity to cost-effective facade solutions for office buildings in Estonia**

**Thalfeldt, Martin; Pikas, Ergo; Kurnitski, Jarek; Voll, Hendrik** Energy 2017 / p. 685–697 : ill <https://doi.org/10.1016/j.energy.2017.06.160> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Wireless charging station design for electric scooters : case study analysis**

**Shevchenko, Viktor; Pakhaliuk, Bohdan; Husev, Oleksandr; Vinnikov, Dmitri;** Strzelecki, Ryszard Energies 2024 / art. 2472 <https://doi.org/10.3390/en17112472> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Virtual inertia control methods in islanded microgrids**

**Škiparev, Vjatšeslav;** Machlev, Ram; Chowdhury, Nilanjan Roy; Levron, Yoash; **Petlenkov, Eduard;** Belikov, Juri Energies 2021 / art. 1562, 20 p. : ill <https://doi.org/10.3390/en14061562> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Virtual reality meets intelligence in large scale architecture**

**Köse, Ahmet; Petlenkov, Eduard; Tepljakov, Aleksei; Vassiljeva, Kristina** Augmented Reality, Virtual Reality, and Computer Graphics : 4th International Conference, AVR 2017, Ugento, Italy, June 12–15, 2017 : proceedings. Part II 2017 / p. 297–309 : ill [https://doi.org/10.1007/978-3-319-60928-7\\_26](https://doi.org/10.1007/978-3-319-60928-7_26) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Virtual reality visualization for photogrammetric 3d reconstructions of cultural heritage**

**Herrmann, Heiko; Pastorelli, Emiliano** Augmented and Virtual Reality First International Conference, AVR 2014, Lecce, Italy, September 17–20, 2014 : Revised Selected Papers 2014 / p. 283–295 : ill [https://doi.org/10.1007/978-3-319-13969-2\\_21](https://doi.org/10.1007/978-3-319-13969-2_21) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding 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](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](https://doi.org/10.1007/978-3-030-68150-0_4) [Article collection metrics at Scopus](#) [Article at Scopus](#)

#### **Voltage source operation of the energy-router based on model predictive control**

**Roasto, Indrek; Husev, Oleksandr; Najafzadeh, Mahdiyyeh; Jalakas, Tanel;** Rodriguez, Jose Energies 2019 / art. 1892, 15 p. . ill <https://doi.org/10.3390/en12101892> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](https://doi.org/10.1007/978-3-030-68150-0_1) [Article collection metrics at Scopus](#) [Article at Scopus](#)

### **Voting in e-participation : a set of requirements to support accountability and trust by electoral committees**

Parycek, Peter; Sachs, Michael; Virkar, Shefali; **Krimmer, Robert Johannes** Electronic Voting : Second International Joint Conference, E-Vote-ID 2017 : Bregenz, Austria, October 24-27, 2017 : proceedings 2017 / p. 42-56 [https://doi.org/10.1007/978-3-319-68687-5\\_3](https://doi.org/10.1007/978-3-319-68687-5_3) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Vulnerability of state-provided electronic identification : the case of ROCA in Estonia**

**Valtna-Dvorak, Astrid**; **Lips, Silvia**; **Tsap, Valentyna**; **Ottis, Rain**; **Priisalu, Jaan**; **Draheim, Dirk** Electronic Government and the Information Systems Perspective : 10th International Conference, EGOVIS 2021, Virtual Event, September 27–30, 2021 : proceedings 2021 / p. 73–85 [https://doi.org/10.1007/978-3-030-86611-2\\_6](https://doi.org/10.1007/978-3-030-86611-2_6) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Yet another canonical nondeterministic automaton**

**Maarand, Hendrik**; **Tamm, Hellis** Descriptive Complexity of Formal Systems : 24th IFIP WG 1.02 International Conference, DCFS 2022, Debrecen, Hungary, August 29-31, 2022, proceedings 2022 / p. 184-196 : ill [https://doi.org/10.1007/978-3-031-13257-5\\_14](https://doi.org/10.1007/978-3-031-13257-5_14) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Yet another canonical nondeterministic automaton**

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