

Characteristic pulse pattern features of different types of partial discharge sources in power cables

Kiitam, Ivar; Shafiq, Muhammad; Taklaja, Paul; Parker, Martin; Palu, Ivo; Kütt, Lauri IEEE Power Engineering Society Conference and Exposition in Africa, PowerAfrica, IEEE PES/IAS PowerAfrica, Nairobi, Kenya, 23-27 Aug 2021 : proceedings 2021 / 5 p. : ill <https://doi.org/10.1109/PowerAfrica52236.2021.9543366>

Coin recognition using line scan camera

Gavrijaševa, Alina; Märten, Olev; Land, Raul; Reidla, Marko BEC 2014 : 2014 14th Biennial Baltic Electronics Conference : proceedings of the 14th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 6-8, 2014, Tallinn, Estonia 2014 / p. 161-164 : ill

Coin validation by electromagnetic, acoustic and visual features = Mündi valideerimine elektromagnetiliste, akustiliste ja visuaalsete tunnuste järgi

Gavrijaševa, Alina 2015 <https://digi.lib.ttu.ee/i/?2408> https://www.ester.ee/record=b4480613*est

Designing Compact Convolutional Neural Network for Embedded Stereo Vision Systems

Loni, Mohammad; Majd, Amin; Loni, Abdolah; Daneshtalab, Masoud; Sjödin, Mikael; Troubitsyna, Elena 2018 IEEE 12th International Symposium on Embedded Multicore/Many-core Systems-on-Chip : MCSoC 2018 : proceedings 2018 / p. 244-251 : ill <https://doi.org/10.1109/MCSoC2018.2018.00049>

Edge intelligence resource consumption by UAV-based IR object detection

Polukhin, Andrii; Gordienko, Yuri; Leier, Mairo; Jervan, Gert; Rokovyi, Oleksandr; Alienin, Oleg; Stirenko, Sergii UAVM '23 : proceedings of the 2023 Workshop on UAVs in multimedia : capturing the world from a new perspective 2023 / p. 57-61 <https://doi.org/10.1145/3607834.3616566>

Global descriptors [i.e descriptors] application in object recognition

Kupriyanov, Dmitry; Shvarts, Dmitry; Musalimov, Victor; Tamre, Mart Shaping the Future by Engineering : 58th IWK, Ilmenau Scientific Colloquium, Technische Universität Ilmenau, 8-12 September 2014 : proceedings 2014 / p. 1-6 : ill

Hardware implementation of face recognition using low precision representation

Dwivedi, Sai Kumar; Azad, Siavoosh Payandeh; Ellervee, Peeter; Dash, Ratnakar BEC 2016 : 2016 15th Biennial Baltic Electronics Conference : proceedings of the 15th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 3-5, 2016, Tallinn, Estonia 2016 / p. 63-66 : ill http://www.ester.ee/record=b2150914*est

Image based counterfeit coin validation

Gavrijaševa, Alina; Märten, Olev BEC 2014 : 2014 14th Biennial Baltic Electronics Conference : proceedings of the 14th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 6-8, 2014, Tallinn, Estonia 2014 / p. 153-156 : ill

Masinad nägijaks

Kirt, Toomas; Listak, Madis Horisont 2004 / 3, lk. 40-43 https://artiklid.elnet.ee/record=b1015862*est

Noisy voice pattern recognition by three-rate hybrid neural network

Astrov, Igor; Tatarly, S.; Tatarly, S. Advances in electrical and computer engineering 2006 / 2, p. 35-38 <https://aece.ro/abstractplus.php?year=2006&number=2&article=7>

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

On the representation and interpretation of linguistic fuzzy systems

Riid, Andri; Rüstern, Ennu Proceedings of the third IASTED International Conference on Artificial Intelligence and Applications - AIA 2003 : Benalmadena, Spain, September 8-10, 2003 2003 / p. 88-93

Pattern recognition techniques with applications to the EEG signals

Lossmann, Eerik; Meister, Ants; Raja, Aimur; Tuulik, Viuu 54th ICB Seminar : Multimedia, Data Integration, Medical Databases : Warsaw, 18-23 October, 1999 1999 / p. 29-30

Pavement distress detection with deep learning using the orthoframes acquired by a mobile mapping system

Riid, Andri; Lõuk, Roland; Pihlak, Rene; Tepljakov, Aleksei; Vassiljeva, Kristina Applied sciences 2019 / art. 4829, 22 p. : ill <https://doi.org/10.3390/app9224829> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Simulation of noise-cancelling in the cockpit of an aircraft using two-rate hybrid neural network

Astrov, Igor; Tatarly, Sergei; Tatarly, Svetlana Advances in electrical and computer engineering 2007 / 2, p. 7-10 https://www.researchgate.net/publication/41391551_Simulation_of_Noise-Cancelling_in_the_Cockpit_of_an_Aircraft_Using_Two-Rate_Hybrid_Neural_Network

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 [Conference proceeding at Scopus](#) [Article at Scopus](#)

Trends and challenges in intelligent condition monitoring of electrical machines using machine learning

Kudelina, Karolina; **Vaimann, Toomas**; **Asad, Bilal**; **Rassõlkin, Anton**; **Kallaste, Ants**; **Demidova, Galina** Applied sciences

2021 / art. 2761, 19 p. : ill <https://doi.org/10.3390/app11062761> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

[Article at WOS](#)

Самообучение машин как задача выделения эталонов в образах : диссертация ... кандидата технических наук

Mullat, Jossif 1973 http://www.ester.ee/record=b2411155*est