

ARTICOLE PUBLICATE (2017)

- Th. Popescu, D. Aiordăchioiaie – New Procedure for Change Detection Operating on Renyi Entropy with Application in Seismic Signals Processing, Circuits Systems and Signal Processing, vol. 36, nr. 9, 2017, pp. 3778-3798
- D. Aiordăchioiaie – Evaluation of two Algorithms for Change Detection Based on Vibration Signals Processing, The Annals of "Dunărea de Jos" University of Galați, Fascicle III, 2017, vol. 40, nr. 2, Electrotechnics, Electronics, Automatic Control, Informatics, pp. 13-18
- D. Aiordăchioiaie, Th. Popescu, – A Method to Detect and Filter the Cross Terms in the Wigner-Ville Distribution, IEEE 13th International Symposium on Signals, Circuits and Systems (ISSCS 2017), 13-14 Iulie 2017, Iași, România
- D. Aiordăchioiaie, Th. Popescu – An Analysis System of Sonar Signals Based on Time-Frequency Representation, IEEE 8th International Conference Edition Electronics, Computers and Artificial Intelligence (ECAI-2017), 29 Iunie - 1 Iulie 2017, Târgoviște, România
- Th. Popescu, D. Aiordăchioiaie, M. Manolescu – Change detection. A review of problems and solutions, IEEE 5th International Symposium On Electrical And Electronics Engineering (ISEEE-2017), Special Session "Change Detection In Vibrational Processes", Paper No. 1, 20 - 22 Octombrie 2017, Galați, România
- D. Aiordăchioiaie – Aspects Of Change Detection In Vibrational Processes Based On Time-Frequency Transforms, IEEE 5th International Symposium On Electrical And Electronics Engineering (ISEEE-2017), Special Session "Change Detection In Vibrational Processes", Paper No. 2, 20 - 22 Octombrie 2017, Galați, România
- A. Culea-Florescu, M. Culea, D. Aiordăchioiaie – Sparse paradigm for change detection applications, IEEE 5th International Symposium On Electrical And Electronics Engineering (ISEEE-2017), Special Session "Change Detection In Vibrational Processes", Paper No. 3, 20 - 22 Octombrie 2017, Galați, România

- D. Cioboata, A. Abalaru, D. Stanciu, C. Logofătu, D. Aiordachioaie – Advanced measurement systems for vibration signals, IEEE 5th International Symposium On Electrical And Electronics Engineering (ISEEE-2017), Special Session "Change Detection In Vibrational Processes", Paper No. 4, 20 - 22 Octombrie 2017, Galați, România
- V. Nicolau, M. Andrei – Fuzzy System for Parameter Estimation of Complex Shape Clustering Algorithms in Predictive Diagnosis, Information Technology and Computational Physics, Springer, ISBN 978-3-319-44259-4, pp. 51-70
- M. Andrei, V. Nicolau – Performance Aspects of Alamouti STBC for MIMO Channels Affected by Impulsive Noise, Information Technology and Computational Physics, Springer, ISBN 978-3-319-44259-4, pp. 124-142
- V. Nicolau, G. Petrea, M. Andrei – Aspects of image compression using neural networks for visual servoing in robot control, IEEE 5th International Symposium On Electrical And Electronics Engineering (ISEEE-2017), 20 - 22 Octombrie 2017, Galați, România
- G. Petrea, V. Nicolau, M. Andrei – Multiprocessor visual servoing system for mobile robots servicing mechatronic lines, IEEE 23rd International Symposium for Design and Technology in Electronic Packaging (SIITME 2017), 26-29 Octombrie 2017, Constanța, România
- R. Popa – Some Thoughts about Artificial Consciousness, Global Journal of Technology and Optimization, vol.8, nr. 2, 2017
- R. Belea; S. Epure – Low cost Lock-in Amplifier Solutions, IEEE 23rd International Symposium for Design and Technology in Electronic Packaging (SIITME 2016), 26-29 Octombrie 2017, Constanța, România
- S. Epure, C. Vlad, R. Păduraru, M. Barbu – Photovoltaic test bench: First experimental results, INTELSIS, vol. 1, nr. 4
- S. Epure, C. Vlad, R. Păduraru – Hardware configuration of DC-DC converter for renewable energies maximum conversion, IEEE 5th International Symposium On Electrical And Electronics Engineering (ISEEE-2017), 20 - 22 Octombrie 2017, Galați, România
- C. Vlad, R. Păduraru, S. Epure, C.R. Dache, V.C. Lungu – PV emulation under commercially available programmable DC voltage source, IEEE

5th International Symposium On Electrical And Electronics Engineering (ISEEE-2017), 20 - 22 Octombrie 2017, Galați, România

- M. Găiceanu, S. Epure, C.R. Dache, R. Buhosu, I. Ghenea, C. Vidan – Laboratory Power Inverter Platform for Variable Speed Drive, IEEE 5th International Symposium On Electrical And Electronics Engineering (ISEEE-2017), 20 - 22 Octombrie 2017, Galați, România
- L. Moraru, S. Moldovanu, A. Culea-Florescu, D. Bibicu, A.S. Ashour, N. Dey – Texture analysis of parasitological liver fibrosis images, Microscopy Research and Technique, vol. 80, nr. 8, pp. 862-869
- I. Murgan, A. Digulescu, I. Candel, C. Ioana, A. Culea-Florescu, A. Șerbănescu – Multimodal sensing of erosive cavitation phenomena, OCEANS – Anchorage, Anchorage, USA, 18-21 Septembrie 2017
- B. Dumitrașcu, N. Nistor, D. Aiordăchioae – Analysis of Transient Signals by Feature Extraction from Time-Frequency Images, IEEE 23rd International Symposium for Design and Technology in Electronic Packaging (SIITME 2017), 26-29 Octombrie 2017, Constanța, România
- L. Baicu, L. Frangu, G. Ifrim, S. Caraman – Control of the Yeast Growth Process Using an Image Processing-Based Transducer, 21st International Conference on System Theory, Control and Computing (ICSTCC 2017), 19-21 Octombrie 2017, Sinaia, România, pp. 453-458
- L. Baicu, S. Caraman, L. Frangu, M. Miron – Measurement of the biomass concentration from a bioprocess by image processing techniques, IEEE 5th International Symposium On Electrical And Electronics Engineering (ISEEE-2017), 20 - 22 Octombrie 2017, Galați, România
- M. Miron, L. Frangu, S. Caraman – Actuator Fault Detection using Extended Kalman Filter for a Wastewater Treatment Process, 21st International Conference on System Theory, Control and Computing (ICSTCC 2017), 19-21 Octombrie 2017, Sinaia, România
- M. Miron, L. Frangu, S. Caraman – Fault Detection Method for a Wastewater Treatment Process based on a Neural Model, IEEE 5th International Symposium On Electrical And Electronics Engineering (ISEEE-2017), 20 - 22 Octombrie 2017, Galați, România

- N. Nistor, L. Baicu, N. Cazacu, G. Tudor – On microstrip parameter estimation, based on the design topology of the nonlinear transformation, IEEE 23rd International Symposium for Design and Technology in Electronic Packaging (SIITME 2016), 26-29 Octombrie 2017, Constanța, România