

LISTA LUCRĂRILOR

Ing. Mihai Emanuel BASCH

REFERENCES

- [1] Basch M.E., Cristea D.G., Tiponut V., Slavici T., “Elaborated Motion Detector based on Hassenstein-Reichardt correlator model”, LATEST TRENDS on SYSTEMS, WSEAS, ISSN : 1792-4235, ISBN : 978-960-474-199-1, Insula Corfu, Grecia, vol.I, 22-24, pp.192-195, Iulie 2010.
- [2] Tiponut V.; Ianchis D., Basch M.E, Haraszy Z., I.Bogdanov, “Work Directions and New Results in Electronic Travel Aids for Blind and Visually Impaired People”, WSEAS TRANSACTIONS on SYSTEM , Insula Corfu, Grecia, ISSN : 1109-2777, Issue 10, Volume 9 , pp.1086-1097 , October 2010.
- [3] Tiponut V., Ianchis D., Basch M.E., Haraszy Z., “Work Directions and New Results in Electronic Travel Aids for Blind and Visually Impaired People”, LATEST TRENDS on SYSTEMS, WSEAS, ISSN : 1792-4235, ISBN : 978-960-474-199-1, , Insula Corfu, Grecia, vol.II, 22-24, pp.347-352, Iulie 2010.
- [4] Cristea D.G., Shacham-Diamand Yosi, Tiponut V., Hadar Ben-Yoav, Basch M.E, Haraszy Z., “VLSI Universal Signal Conditioning Circuit for Electrochemical and Bioluminescent Sensors”, Proc. 2010 IEEE 26-th Convention of Electrical and Electronics Engineers in Israel, ISBN: 978-1-4244-8680-9; IEEE Catalog Number: CFP10417-CDR; Eilat, Israel, 17-20, pp.249-252, Noiembrie 2010
- [5] Róbert I.Lőrincz, Basch M.E., Virgil Tiponut, “Improved Power Distribution Method for BLDC Motor Driving Power Inverter”, International Symposium on Signals, Circuits and Systems (ISSCS) 2011 , IEEE Catalog Number: CFP11816-PRT; ISBN: 978-1-4577-0201-3; Iasi , Romania, 30 Iunie - 1 Iulie, 2011.
- [6] Basch M.E, Cristea D.G., Róbert I.Lőrincz, Tiponut V., “A Bio-inspired Obstacle Avoidance System Concept for Visually Impaired People”, Recent Researches in System Science , WSEAS, ISSN: 1792-4235, ISBN:978-1-61804-023-7; Insula Corfu, Grecia, pp.288-291, 14-16 Iulie 2011
- [7] Róbert I.Lőrincz, Basch M.E., I.Bogdanov, Tiponut V., “Hardware Implementation of BLDC Motor Diagnosis”, Recent Researches in Circuits, Systems and Signal Processing, WSEAS, ISBN: 978-1-61804-017-6; Insula Corfu, Grecia, pp. 202-207, 14-16 Iulie 2011.
- [8] Róbert I.Lőrincz, Basch M.E., Cristea D.G, I.Bogdanov, Tiponut V., “Hardware Implementation of Field-Weakening BLDC Motor Control”, Recent Researches in Circuits, Systems and Signal Processing, WSEAS, ISBN: 978-1-61804-017-6; Insula Corfu, Grecia, pp.208-213, 14-16 Iulie, 2011.
- [9] D. G. Cristea, M. E. Basch, Z. Haraszy, Nick Fishelson, V. Tiponut, “A New Electronic Equivalent Circuit for Electrochemical Cells”, 2nd International Conference on Modelling and Simulations, ICOMOS 2011, ISSN:2038-3975, 11-25 Iulie 2011
- [10] David Cristea, Mihai-Emanuel Basch, Zoltán Haraszy, Róbert István Lőrincz, Virgil Tiponut, ”A New Model for Simulating Electrochemical Sensors Array”, 2011 IEEE

17th International Symposium for Design and Technology in Electronic Packaging (SIITME), 20-23 Octombrie 2011.

- [11] M.E. Basch, R. I. Lőrincz, D. G. Cristea, V. Tiponut, I.Bogdanov, "A Bio-inspired Collision Avoidance System Concept for People with Visual Disabilities", INTERNATIONAL JOURNAL OF SYSTEMS APPLICATIONS, ENGINEERING & DEVELOPMENT Issue 6, Volume 5, pp.701-709, October 2011.
- [12] Robert I. Lorincz, Mihai E. Basch, Ivan Bogdanov, Virgil Tiponut, Adrian Beschieru, "Hardware Implementation of BLDC Motor and Control System Diagnosis", INTERNATIONAL JOURNAL OF CIRCUITS, SYSTEMS AND SIGNAL PROCESSING; Issue 6, Volume 5, pp.660-671, Ocotber 2011.
- [13] Mihai E. Basch, "Obstacle detection concept based on biological visual systems", Workshop nr.2 , „INTERDISCIPLINARITATEA SI MANAGEMENTUL CERCETARII" PREZENTAREA REZULTATELOR OBTINUTE DE DOCTORANZI, Nov. 2011, EL-37-EL-38
- [14] Mihai E. Basch, David G. Cristea, Róbert I. Lőrincz, V. Tiponut, "Enhanced Bio-inspired Collision Avoidance System Concept with Fuzzy Logic Decision", 13th INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT ,Proc. 2012 IEEE, ISBN: 978-1-4673-1653-8; ISSN:1842-0133, Brasov, Romania, pp.1525- 1530, May 2012
- [15] Mihai E. Basch, "Bio-Inspired Obstacle Detection System With Fuzzy Logic Decision", Workshop nr.3 INTERDISCIPLINARITATEA SI MANAGEMENTUL CERCETARII IN STUDIILE DOCTORALE, Oradea , 7-8 Iunie 2012.
- [16] David-George Cristea, Mihai Emanuel Basch, Hadar Ben-Yoav, Virgil Tiponut, Yosi Shacham-Diamand, "Universal Signal Conditioning System for Amperometric Sensors", Advances in Electrical and Computer Engineering, ISSN: 1582-7445, e-ISSN: 1844-7600, Suceava, Romania, Volume 12, Issue 1, pp. 19 – 24, Year 2012.