

Universitatea din Oradea
Facultatea de Inginerie Electrică și Tehnologia Informației
Catedra /departamentul ISAM
Asist. dr. ing. Ec. Kovendi Zoltan

L I S T A

lucrărilor științifice în domeniul disciplinelor din postul didactic

A. Lucrări indexate ISI/BDI publicate în ultimii 10 ani

1. L.M. Matica, H. Silaghi, **Z. KOVENDI**, Claudiu Costea, Non-symmetry Factor computation in Three-Phases Systems, The 8th International Symposium on Advanced Topics in Electrical Engineering, ATEE 23-25 May 2013, Bucharest, Romania, Digital Object Identifier: 10.1109/ATEE.2013.6563379, Print ISBN:978-1-4673-5979-5, 2013

2. MUREȘAN, Vlad; ABRUDEAN Mihail; CLITAN Iulia; **KOVENDI Zoltan**; UNGUREȘAN, Mihaela-Ligia; COLOȘI, Tiberiu Control of a chemical exchange process for the 13C isotope enrichment Applied Mechanics & Materials . 2015, Vol. 772, p20-26. 7p.

3. Diana Monica Sas, **Zoltan Kovendi** Prelimiaries in (MPDX) method associated with Cohen equations, AQTR 2016, ISBN 978-1-4673-8692-0

4. Liliana Marilena Matica, **Zoltan Kovendi**, Helga Maria Silaghi, Claudiu Costea Cartesian coordinates computation with interpolation algorithms on differential numeric analysis for industrial robot motion, ICCC 2016, ISBN 978-1-5090-1735-5

1. **Kovendi Zoltan**, Liliana Matica, Duysinx Pierre, “ Denawit-Hartenberg convention applied to cinematic analyze for Sesarm Lynxmotion SSC-32 industrial robot”, Journal of Computer Science and Control Systems, Vol.2, Nr.2, 2009, pag.103-106

2. **Kovendi Zoltan**, Matica Marilena *Design* of a low-pass filter to be used in a digital control system for anti-aliasing with Butterworth approximation in Matlab 2010, JCSCS Vol 3 nr1 ISSN 1844-6043

3. Claudiu Raul Costea, Helga Silaghi, **Zoltan Kovendi**, *The Influence of Ball Charge and Media Size Distribution in Grinding Plant*, Journal of Computer Science and Control Systems, Vol.4, Nr.1, Conference on Engineering of Modern Electric Systems 2011, Oradea, ISSN 1844-6043, pp. 39-42, 2011.

4. **Z. Kovendi**, M.L. Matica, Claudiu Raul Costea, *Kinematic Analysis for an Industrial Robot RRRRRR – Type with the Use of Denawit-Hartenberg Convention*, Journal of Computer Science and Control Systems, Vol.4, Nr.1, Conference on Engineering of Modern Electric Systems 2011, Oradea, ISSN 1844-6043, pp. 61-64, 2011.

5. MATICA Marilena Liliana, **KOVENDI Zoltan** - University of Oradea, Romania Efficiency Evaluation of the Electrical Energy Alimentation in Non-Symmetrical Situations, Journal of Computer Science and Control Systems, Vol.4, Nr.1, Conference on Engineering of Modern Electric Systems 2011, Oradea, ISSN 1844-6043 pp. 85-88

6. MATICA Marilena Liliana, **KOVENDI Zoltan** - University of Oradea, Romania Structure Analysis for an Industrial Robot, Journal of Computer Science and Control Systems, Vol.4, Nr.1, Conference on Engineering of Modern Electric Systems 2011, Oradea, ISSN 1844-6043, pp. 89-92

7. **Z. Kovendi**; Abrudean, Mihail, Mathematical Modelling of the Isotopic Exchange Reaction for the Separation of ^{13}C , JCCS, may 2012 vol.6 Issue 1, pg. 58-61

8. **Kovendi Zoltan**, Matica Marilena Customized liniarization method local iterative (LLI) for analogue and numerical modeling of chemical processes with distributed parameters(functions of time and space), Journal of Computer Systems and Control Science Oradea 2014

9. **Kovendi Zoltan**, “Alarm with sound and light for critical concentration of methane gas in the air”, Journal of Computer Science and Control Systems, 2008, pag.146-150

10. Matica Marilena Matica, Radu Matica, **Kovendi Zoltan** Insulation diagnose procedure in three-phase electrical systems, International Conference AQTR 2010 Poster Sessions Cluj Napoca, ISBN 978-973-662-562-6 pag.42-46

11. Vlad Mureşan, Mihail Abrudean, Tiberiu Coloşi, **Zoltan Kovendi**, Mihaela-Ligia Ungureşan, Iulia Clitan Modeling and Simulation of the Carbone Dixide Absorption Process in Ethanolamine Solution CSCS20 Bucharest 2015

12. **Zoltan Kovendi**, Vlad Mureşan, Mihail Abrudean, Iulia Clitan, Mihaela Ligia Ungureşan, Tiberiu Coloşi Modeling a chemical exchange process for the ^{13}C Isotope enrichment Applied Mechanics & Materials . 2015, Vol. 772, p112-118.

13. **Zoltan Kovendi**, Ioan Constantin Rada, Liliana Magdoiu, Alin Corha, Cristian Bondici Checking algorithms on differential equations with known analytical solution **Journal of Computer Science and Control Systems** 8.1 (May 2015): 15-18.

14. Rada Ioan Constantin, Măgdoiu Liliana Doina, **Kovendi Zoltan** – Universitatea din Oradea, Rada Ioana Carmen – Managers and engineers economists between the sociology of elites and the social economy of vulnerable groups, presented at Proceedings of the 5th Review of Management and Economic Engineering International Management Conference „From Management of Crisis to Management in a Time of Crisis” 22 – 24th of September 2016 Tehnical University of Cluj-Napoca, Romania, Conferinta RMEE2016 and, Todesco Publishing House 2014, ISSN 2247-8639, ISSN –L 2247 – 8639, pp. 378-388 (11 pag). – www.rmee.org

15. **Ioan Constantin Rada**, Liliana Doina Măgdoi, Ioan Mircea Gordan, Helga Silaghi, Ioana Carmen Rada, Zoltan Kovendi - *Instrument Aimed at Reducing University Studies Drop-out*, Proceedings of International Conference on 15th International Conference on Future Trends in Engineering and Business (May 26-27, 2017), Organized by International Organization of Scientific Research and Development (IOSRD), Chennai, India, Layout: Galley Format File PDF 1601-4520-1-PB.pdf 2017-06-05), 6 pag., pp. 141-147.
16. **Kovendi Zoltan**, Optimization of the process for Assembleon AX-501 SMD Pick and Place machine, International Conference AQTR 2010, Poster Sessions Cluj Napoca, ISBN 978-973-662-562-6 pag. 86-89
17. Sas Diana Monica, Kovendi Zoltan, Clitan Iulia Modeling and simulation of a waste water neutralization system using (Mpdx) method, 2018 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), pages 1-6
18. L.M. Matica, H. Silaghi, Z. Kovendi, Claudiu Costea, Non-symmetry Factor Computation in Three-Phase Systems, Proceedings of the 8th International Symposium on Advanced Topics in Electrical Engineering, ATEE 2013, Bucharest, Romania, May 23-25, 2013, ISBN: 978-1-4673-5979-5, pp. 134-138, 2013.
19. Diana Monica Sas, Zoltan Kovendi Prelimiaries in (MPDX) method associated with Cohen equations, AQTR 2016, ISBN 978-1-4673-8692-0
20. **Kovendi Zoltan**, Optimization of the process for Assembleon AX-501 SMD Pick and Place machine, International Conference AQTR 2010, Poster Sessions Cluj Napoca, ISBN 978-973-662-562-6 pag. 86-89
21. Sas Diana Monica, Kovendi Zoltan, Clitan Iulia Modeling and simulation of a waste water neutralization system using (Mpdx) method, 2018 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), pages 1-6
22. L.M. Matica, H. Silaghi, Z. Kovendi, Claudiu Costea, Non-symmetry Factor Computation in Three-Phase Systems, Proceedings of the 8th International Symposium on Advanced Topics in Electrical Engineering, ATEE 2013, Bucharest, Romania, May 23-25, 2013, ISBN: 978-1-4673-5979-5, pp. 134-138, 2013.
23. Diana Monica Sas, Zoltan Kovendi Prelimiaries in (MPDX) method associated with Cohen equations, AQTR 2016, ISBN 978-1-4673-8692-0

B. Teza de doctorat

MODELAREA, SIMULAREA SI CONTROLUL PROCESELOR DE SEPARARE, doctor in INGINERIA SISTEMELOR

C. Brevete de inventii

D. Cărți si capitole în cărți publicate

1. Liliana Matica , **Zoltan Kovendi**, *Conducerea roboților industriali*, Îndrumător de laborator, Lito Universitatea din Oradea, 2008
2. Dragos Cristian Spoiala, **Zoltan Kovendi** Sisteme cu circuite integrate programabile Indrumatorde laborator, format electronic 109 pagini
3. Ioan Constantin Rada, Ioana Carmen Rada, Alexandru Radu Ursu, **Zoltan Kovendi**, Bazele economiei 175 pag. Edit. Univ. Oradea 2014, ISBN: 978-606-10-1370-8
4. Ioan Constantin Rada, Ioana armen Rada, Alexandru Radu Ursu, **Zoltan Kovendi**, Management 452 pag. Edit. Univ. Oradea 2014, ISBN: 978-606-10-1368-5
5. Ioan Constantin Rada, Ioana Carmen Rada, Alexandru Radu Ursu, **Zoltan Kovendi**, Economie generala suport de studiu pentru seminar, editaia a 2-a. ISBN: 978-6060-10-1481-1 Editura Universitatii din Oradea 2015

E. articole/studii în extenso, publicate în reviste din fluxul științific internațional principal

F. publicații în extenso, apărute în lucrări ale principalelor conferințe internaționale de specialitate

G. alte lucrări și contribuții științifice.

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28.01.2019

Semnătura: