



LISTA DE LUCRĂRI

conf.dr.ing. Eugenia MINCA

LISTA LUCRĂRILOR RELEVANTE PENTRU REALIZĂRILE PROFESIONALE PROPRII

1. **Eugenia Minca**, Adrian Filipescu, Alina Voda, Modelling and control of an assembly/disassembly mechatronics line served by mobile robot with manipulator, *Control Engineering Practice*, Volume 31, October 2014, Pages 50–62, Editura Elsevier, **CEP2014**.
2. **Minca, E**(Minca, Eugenia), A Theoretical Approach of the Time Cycle Optimisation Based Control of a Mechatronics Line Served by Mobile Robot, *Mechatronics and industrial informatics journal*, PTS 1-4 Book Series: Applied Mechanics and Materials Volume: 321-324 Pages: 1666-1669 DOI:10.4028/www.scientific.net/AMM.321-324.1666 Published: 2013, Accession Number: WOS:000324348201027, International Conference on Mechatronics and Industrial Informatics (ICMII 2013), MAR 13-14, 2013, ISSN: 1660-9336, ISBN: 978-3-03785-694-9, **ICMII2013**
3. **Eugenia MINCA**, METHODES AVANCES DE MODELISATION DES SYSTEMES A EVENEMENTS DISCRETES. APPLICATION A LA SUPERVISION DES SYSTEMES DE PRODUCTION, *Editura MatrixRom*, ISBN 978-973-755-553-3, 2010
4. **Eugenia MINCA**, Cristian DUMITRACHE, Iulian BREZEANU, Veronica STEFAN, Florin DRAGOMIR, Otilia DRAGOMIR, CONDUCEREA INTELIGENTA A SISTEMELOR AUTOMATE. FUNDAMENTE TEORETICE (vol.I), *Editura MatrixRom*, 2010, 540 pg.(vol. I), ISBN 978-973-755-565-6
5. **Eugenia MINCA**, Cristian DUMITRACHE, Iulian BREZEANU, Veronica STEFAN, Florin DRAGOMIR, Otilia DRAGOMIR, CONDUCEREA INTELIGENTA A SISTEMELOR AUTOMATE. APLICATII (vol.II), *Editura MatrixRom*, 2010, 540 pg.(vol. I), ISBN 978-973-755-566-3
6. **Minca, E** (Minca, Eugenia); Filipescu, A (Filipescu, Adrian); Voda, A (Voda, Alina), Book Group Author(s): IEEE, A Theoretical Approach of the Generalized Hybrid Model Based Control of Repetitive Processes, 2013 9TH ASIAN CONTROL CONFERENCE (ASCC), 2013, Conference Title: 9th Asian Control Conference (ASCC), JUN 23-26, 2013, Istanbul, TURKEY, ISBN: 978-1-4673-5769-2; 978-1-4673-5767-8, Accession Number: WOS:000333734900084, **ASCC2013**
7. **Minca, Eugenia**; Dragomir, Otilia Elena; Dragomir, Florin, Producer-Consumer Distributed Energy Production Systems modeling with a new Approach of Recurrent Synchronized Fuzzy Petri Nets, Book Group Author(s): IEEE, Conference: 8th World Congress on Intelligent Control and Automation (WCICA) Location: Jinan, PEOPLES R CHINA Date: JUL 06-09, **2010**, Sponsor(s): IEEE , Source: 2010 8TH WORLD CONGRESS ON INTELLIGENT CONTROL



AND AUTOMATION (WCICA) Pages: 1668-1673 DOI: 10.1109/WCICA.2010.5554783
Published: 2010, ISI Web of Knowledge , **WCICA 2010**

8. **Minca E**, D. Racoceanu, Zerhouni N, Fuzzy Petri nets for monitoring and recovery, **Volume: 3, Page(s):** 4318 - 4323 vol.3, Proceedings. ICRA '03. IEEE International Conference on Robotics and Automation, 2003. **ISSN** : 1050-4729, **Print ISBN:** 0-7803-7736-2, **INSPEC Accession Number:** 7906721, **Digital Object Identifier** : [10.1109/ROBOT.2003.1242268](https://doi.org/10.1109/ROBOT.2003.1242268), 10 November 2003, **Issue Date** : 14-19 Sept. 2003; pp. 4318-4323, Taipei,Taiwan. **ICRA 2003**
9. **Eugenia Minca**, Daniel Racoceanu, Otilia Dragomir,Veronica Stefan, Florin Dragomir, *Predictive modelling of the monitoring function. a predictive modelling application for fault states in a manufacturing system*, IEEE International Conference on Control and Automation Location: Christchurch, NEW ZEALAND Date: DEC 09-11, 2009, Sponsor(s): IEEE , Source: 2009 IEEE INTERNATIONAL CONFERENCE ON CONTROL AND AUTOMATION, VOLS 1-3 Book Series: IEEE International Conference on Control and Automation ICCA Pages: 1487-1492, DOI: 10.1109/ICCA.2009.5410578 Published: 2009, ISI Web of Knowledge; **ICCA 2009**
10. **Minca, E**(Minca, Eugenia); Voda, A (Voda, Alina); Filipescu, A (Filipescu, Adrian); Filipescu, A (Filipescu, Adriana, Jr.), Hybrid Model Based Control of a Mechatronics Line Served by Mobile Robot with Manipulator, PROCEEDINGS OF THE 2013 IEEE 8TH CONFERENCE ON INDUSTRIAL ELECTRONICS AND APPLICATIONS (ICIEA) Book Series: IEEE Conference on Industrial Electronics and Applications Pages: 1296-1301 Published: 2013, Accession Number: WOS:000326679200237, Title: 8th IEEE Conference on Industrial Electronics and Applications (ICIEA2013), JUN 19-21, 2013, Melbourne, AUSTRALIA, ISBN: 978-1-4673-6322-8, ISBN: 978-1-4673-6320-4, **ICIEA2013**

TEZE DE DOCTORAT

- T1)** “CONTRIBUTII LA MONITORIZAREA SI OPTIMIZAREA PROCESULUI DE ASCHIERE IN VEDEREA OPTIMIZARII PROCESULUI DE PRELUCRARE PE MASINI UNELTE CU COMANDA NUMERICA”, *Facultatea de Ingineria și Managementul Sistemelor Tehnologice, Universitatea Politehnica Bucuresti, 2002*

Director științific: prof. Dorin Alexandru, Facultatea de Ingineria și Managementul Sistemelor Tehnologice, Catedra de Mașini și Sisteme de Producție, Universitatea Politehnica București.

- T2)** “CONTRIBUTION A LA SUPERVISION DES SYSTEMES DE PRODUCTION A L’AIDE DES RESEAUX DE PETRI FLOUS : APPLICATION A LA E-MAINTENANCE”, *Laboratoire d’Automatique de Besançon (UMR CNRS 6596), UNIVERSITE de Franche-Comté, Spécialité : Automatique et Informatique, 2005*

Director științific: prof. Noureddine Zerhouni, responsabilul echipei Ingénierie de Maintenance et E-maintenance din cadrul Université de Franche Comte - Laboratoire d’Automatique de Besançon

CARȚI SI CAPITOLE ÎN CARȚI

- METHODES AVANCES DE MODELISATION DES SYSTEMES A EVENEMENTS DISCRETES. APPLICATION A LA SUPERVISION DES



SYSTEMES DE PRODUCTION, **Eugenia MINCA**, Editura MatrixRom, ISBN 978-973-755-553-3, 2010

- CONDUCEREA INTELIGENTA A SISTEMELOR AUTOMATE. FUNDAMENTE TEORETICE (vol.I), : **Eugenia MINCA**, Cristian DUMITRACHE, Iulian BREZEANU, Veronica STEFAN, Florin DRAGOMIR, Otilia DRAGOMIR, Editura MatrixRom, 2010, 540 pg.(vol. I), ISBN 978-973-755-565-6
- CONDUCEREA INTELIGENTA A SISTEMELOR AUTOMATE. APLICATII (vol.II): **Eugenia MINCA**, Cristian DUMITRACHE, Iulian BREZEANU, Veronica STEFAN, Florin DRAGOMIR, Otilia DRAGOMIR, Editura MatrixRom, 2010, 540 pg.(vol. I), ISBN 978-973-755-566-3
- ELEMENTE DE PRODUCTICA, **Eugenia MINCA**, Editura MatrixRom, 2010, ISBN 978-973-755-574-8
- TEORIA SISTEMELOR AUTOMATE. FUNDAMENTE TEORETICE SI APLICATII MATLAB, Otilia DRAGOMIR, Florin DRAGOMIR, **Eugenia MINCA**, Cristian DUMITRACHE, Editura MatrixRom, 2011, ISBN 978-973-755-646-2
- SISTEME DE CONVERSIE SI ACHIZITII DE DATE, Gabriel PREDUSCA, Florian ION, Alexandru IVAN, **Eugenia MINCA**, Editura Bibliotheca, 2005, ISBN 973-8413-19-2
- INGINERIA REGLARII AUTOMATE. INDRUMAR DE LABORATOR, Florin Dragomir, **Eugenia Minca**
- SISTEME OPTIMALE SI ADAPTIVE. INDRUMAR DE LABORATOR, Florin Dragomir, **Eugenia Minca**.

ARTICOLE/STUDII PUBLICATE ÎN REVISTE DE CIRCULAȚIE INTERNAȚIONALĂ, INDEXATE ISI(Ris)

- Ris1) **Eugenia Minca**, Adrian Filipescu, Alina Voda, Modelling and control of an assembly/disassembly mechatronics line served by mobile robot with manipulator, *Control Engeneering Practice*, Volume 31, October 2014, Pages 50–62, Editura Elsevier.
- Ris2) **Minca, E.**, A New Approach for the Control Optimization of an Assembly/Disassembly Mechatronics Line Served by an Autonomous Robotic System, *STUDIES IN INFORMATICS AND CONTROL*, Volume: 23, Issue: 1, Pages: 13-22, Published: MAR 2014, ISSN: 1220-1766, Accession Number: WOS:000333661500002
- Ris3) Adrian FILIPESCU, Viorel MINZU, Adriana FILIPESCU, **Eugenia MINCA**, "Discrete-Time Sliding-Mode Control of a Mobile Platform with Four Driving/Steering Wheels", Chapter : *Lecture Notes in Electrical Engineering. Book Title: Advances in Automation and Robotics*, Vol.1 , Series Volume 122, Series ISSN 1876-1100, Publisher Springer Berlin Heidelberg. Book Subtitle: Selected Papers from the 2011 International Conference on Automation and Robotics (ICAR 2011), Dubai, December 1–2, 2011
- Ris4) Dragomir, O.E. Dragomir, **E Minca**, Adaptive control access of stand-alone power systems, 2011 2nd International Conference on Advances in Energy Engineering



- (ICAEE), *Energy Procedia*, Volume 14, pages552-557, Publisher Elseiver, 2012/12/31
- Ris5) Zemouri R., Filip F., **Minca E.**, Racoceanu D., Noureddine Z., Boosting the Performances of the Recurrent Neural Network by the Fuzzy Min-Max, *Romanian Journal of Information Science and Technology (ROMJIST)*, Vol. 12, No.1, pag 69-90, ISSN 1453-8245, 2009, Romania ((<http://scientific.thomsonreuters.com>) FI= 0.188
- Ris6) Rakotondrabe M. , Ivan A., Stihi V. Noveanu S., **Minca E.**, “Design and modeling of a piezoelectrically actuated microvalve”, 10th International Balkan Workshop on Applied Physics, Constanta (IBWAP'09), *Romanian Journal of Physics*, ISSN 1221-146X, 2009, Romania (<http://scientific.thomsonreuters.com>)
- Ris7) **Minca E.**, Filip F., Zemouri R, “Approche de la surveillance des systemes par reseaux de Petri synchronises flous”, *Proceedings of Romanian Academy, Series A*, ISSN 1454-9069, 2008, Romania (<http://apps.isiknowledge.com>)
- Ris8) **Minca E.**, Racoceanu D., Zerhouni N., “Monitoring systems modeling and analysis using fuzzy Petri nets”, revista *Studies in Informatics and Control Journal*, SIC vol.11, nr.4, editată de ICI Bucuresti, ISSN 1220-1766, 2002 ((<http://scientific.thomsonreuters.com>)).

ARTICOLE/STUDII PUBLICATE IN PUBLICATE ÎN VOLUMELE UNOR MANIFESTĂRI ȘTIINȚIFICE INTERNAȚIONALE RECUNOSCUTE (CU ISSN SAU ISBN) DIN ȚARĂ ȘI DIN STRĂINĂTATE (BDis), INDEXATE ISI

- BDis1) **Minca, E**(Minca, Eugenia), A Theoretical Approach of the Time Cycle Optimisation Based Control of a Mechatronics Line Served by Mobile Robot, MECHATRONICS AND INDUSTRIAL INFORMATICS, PTS 1-4 Book Series: Applied Mechanics and Materials Volume: 321-324 Pages: 1666-1669 DOI:10.4028/www.scientific.net/AMM.321-324.1666 Published: 2013, Accession Number: WOS:000324348201027, International Conference on Mechatronics and Industrial Informatics (ICMII 2013), MAR 13-14, 2013, ISSN: 1660-9336, ISBN: 978-3-03785-694-9, **ICMII2013**
- BDis2) **Minca, E**(Minca, Eugenia); Voda, A (Voda, Alina); Filipescu, A (Filipescu, Adrian); Filipescu, A (Filipescu, Adriana, Jr.), Hybrid Model Based Control of a Mechatronics Line Served by Mobile Robot with Manipulator, PROCEEDINGS OF THE 2013 IEEE 8TH CONFERENCE ON INDUSTRIAL ELECTRONICS AND APPLICATIONS (ICIEA) Book Series: IEEE Conference on Industrial Electronics and Applications Pages: 1296-1301 Published: 2013, Accession Number: WOS:000326679200237, Title: 8th IEEE Conference on Industrial Electronics and Applications (ICIEA2013), JUN 19-21, 2013, Melbourne, AUSTRALIA, ISBN: 978-1-4673-6322-8, ISBN: 978-1-4673-6320-4, **ICIEA2013**
- BDis3) Petrea, G (Petrea, G.); Filipescu, A (Filipescu, A.); Filipescu, A (Filipescu, A., Jr.); Serbencu, A (Serbencu, A.); **Minca, E** (Minca, Eugenia); Voda, A (Voda, Alina), Hybrid modelling based control of an processing/reprocessing mechatronics line served by an autonomous robotic system, 2013 17TH INTERNATIONAL



CONFERENCE ON SYSTEM THEORY, CONTROL AND COMPUTING (ICSTCC), Pages: 410-415, 2013, 17th International Conference System Theory, Control and Computing (ICSTCC), OCT 11-13, 2013, Sinaia, ROMANIA, ISBN: 978-1-4799-2228-4; 978-1-4799-2227-7, Accession Number: WOS:000330660500063, **ICSTCC2013**

- BDis4) Dumitrascu, B (Dumitrascu, B.); Filipescu, A (Filipescu, A.); Petrea, G (Petrea, G.); **Minca, E** (Minca, Eugenia); Filipescu, S (Filipescu, S.); Voda, A (Voda, Alina), Laser-based Obstacle Avoidance Algorithm for Four Driving/Steering Wheels Autonomous Vehicle, 2013 17TH INTERNATIONAL CONFERENCE ON SYSTEM THEORY, CONTROL AND COMPUTING (ICSTCC), Pages: 187-192, 2013, 17th International Conference System Theory, Control and Computing (ICSTCC), OCT 11-13, 2013, Sinaia, ROMANIA, ISBN: 978-1-4799-2228-4; 978-1-4799-2227-7, Accession Number: WOS:000330660500031, **ICSTCC2013**
- BDis5) **Minca, E** (Minca, Eugenia); Filipescu, A (Filipescu, Adrian); Voda, A (Voda, Alina), Book Group Author(s): IEEE, A Theoretical Approach of the Generalized Hybrid Model Based Control of Repetitive Processes, 2013 9TH ASIAN CONTROL CONFERENCE (ASCC), 2013, Conference Title: 9th Asian Control Conference (ASCC), JUN 23-26, 2013, Istanbul, TURKEY, ISBN: 978-1-4673-5769-2; 978-1-4673-5767-8, Accession Number: WOS:000333734900084, **ASCC2013**
- BDis6) Filipescu, A (Filipescu, A., Jr.); Petrea, G (Petrea, G.); Filipescu, A (Filipescu, A.); Filipescu, S (Filipescu, S.); **Minca, E** (Minca, E.), Discrete modelling based control of a processing/reprocessing mechatronics line served by an autonomous robotic system, 2013 4TH INTERNATIONAL SYMPOSIUM ON ELECTRICAL AND ELECTRONICS ENGINEERING (ISEEE), 2013, 4th International Symposium on Electrical and Electronics Engineering (ISEEE), Conference Date: OCT 11-13, 2013, Conference Location: Dunarea de Jos Univ Galati, Galati, ROMANIA, ISBN: 978-1-4799-2442-4, Accession Number: WOS:000335153400054, **ISEEE 2013**
- BDis7) E(Minca, E.); Filipescu, A (Filipescu, A.); Voda, A (Voda, A.), New Approach in Control of Assembly/Disassembly Line Served by Robotic Manipulator Mounted on Mobile Platform, 2012 IEEE INTERNATIONAL CONFERENCE ON ROBOTICS AND BIOMIMETICS (ROBIO 2012) Published: 2012, Accession Number: WOS:000321004000046, IEEE International Conference on Robotics and Biomimetics (ROBIO2012), DEC 11-14, 2012, ISBN: 978-1-4673-2127-3, ISBN: 978-1-4673-2125-9, **ROBIO2012**
- BDis8) Dumitrascu, B (Dumitrascu, Bogdan); Filipescu, A (Filipescu, Adrian); Minzu, V (Minzu, Viorel); Voda, A (Voda, Alina); Minca, E(Minca, Eugenia), Discrete-Time Sliding-Mode Control of Four Driving-Steering Wheels Autonomous Vehicle, 2011 30TH CHINESE CONTROL CONFERENCE (CCC) Pages: 3620-3625 Published: 2011, Accession Number: WOS:000312652103146, 30th Chinese Control Conference, JUL 22-24, 2011, Yantai, PEOPLES R CHINA, ISBN: 978-988-17255-9-2, **CCC2011**
- BDis9) **Minca, Eugenia**; Dragomir, Otilia Elena; Dragomir, Florin, Producer-Consumer Distributed Energy Production Systems modeling with a new Approach of Recurrent Synchronized Fuzzy Petri Nets, Book Group Author(s): IEEE, Conference: 8th World Congress on Intelligent Control and Automation (WCICA) Location: Jinan, PEOPLES R CHINA Date: JUL 06-09, **2010**, Sponsor(s): IEEE , Source: 2010 8TH WORLD CONGRESS ON INTELLIGENT CONTROL AND AUTOMATION (WCICA) Pages: 1668-1673 DOI: 10.1109/WCICA.2010.5554783 Published: 2010, ISI Web of Knowledge , **WCICA 2010**



- BDis10) Stefan, V (Stefan, Veronica); Stanescu, I (Stanescu, Ioana); Roceanu, I (Roceanu, Ion); Minca, E (Minca, Eugenia); Stefan, A (Stefan, Antonin), *Prospective Topography of Mobile Learning Solutions*, PROCEEDINGS OF THE 5TH INTERNATIONAL CONFERENCE ON VIRTUAL LEARNING, ICVL 2010 Book Series: Proceedings of the International, Conference on Virtual learning Pages: 311-317 Published: 2010, Accession Number: WOS:000323685800044, Conference Date: OCT 29-31, 2010, Targu Mures, ROMANIA; **ICVL 2010**
- BDis11) Zemouri R., Racoceanu D., Zerhouni N, **Minca E.**, Filip F., *Training the Recurrent neural network by the Fuzzy Min-Max*, 2nd Mediterranean Conference on Intelligent Systems and Automation (CISA'09), ISBN 978-0-7354-0642-1, March 23-25 2009, Tunisia (Web of Science), (<http://apps.isiknowledge.com>) ; **CISA 2009**
- BDis12) O. Dragomir, F. Dragomir, **Minca E.**, *An application oriented guideline for choosing a prognostic tool*, 2nd Mediterranean Conference on Intelligent Systems and Automation (CISA'09), ISBN 978-0-7354-0642-1, March 23-25 2009, Tunisia (<http://apps.isiknowledge.com>) ; **CISA 2009**
- BDis13) **AMINCA E.**, DRAGOMIR O., DRAGOMIR F., ISTUDOR I., *Advanced methods for modeling of monitoring functions in hierarchical systems*, Book Group Author(s): IEEE, Conference: 17th Mediterranean Conference on Control and Automation Location: Thessaloniki, GREECE Date: JUN 24-26, 2009, Source: MED: 2009 17TH MEDITERRANEAN CONFERENCE ON CONTROL & AUTOMATION, VOLS 1-3 Pages: 1114-1119 Published: 2009, **MED 2009**
- BDis14) **Minca E.**, Filip F, Racoceanu D, Stefan V, Stefan A, *Advanced methods for recurrent hierarchical systems modeling. Application to producer-consumer distributed energy production systems*, Book Group Author(s): IEEE, Conference: 7th Asian Control Conference (ASCC 2009) Location: Hong Kong, PEOPLES R CHINA Date: AUG 27-29, 2009 , Sponsor(s): Asian Control Assoc; IEEE Control Syst Soc; Hong Kong Inst Engineers; Hong Kong Univ Sci & Technol; KC Wong Educ Fdn; Res Grant Council Hong Kong , Source: ASCC: 2009 7TH ASIAN CONTROL CONFERENCE, VOLS 1-3 Pages: 1542-1547 Published: 2009, <http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=5410578>, ISI Web of Knowledge, **ASCC 2009**
- BDis15) **Eugenia Minca**, Daniel Racoceanu, Otilia Dragomir, Veronica Stefan, Florin Dragomir, *Predictive modelling of the monitoring function. a predictive modelling application for fault states in a manufacturing system*, IEEE International Conference on Control and Automation Location: Christchurch, NEW ZEALAND Date: DEC 09-11, 2009, Sponsor(s): IEEE , Source: 2009 IEEE INTERNATIONAL CONFERENCE ON CONTROL AND AUTOMATION, VOLS 1-3 Book Series: IEEE International Conference on Control and Automation ICCA Pages: 1487-1492 DOI: 10.1109/ICCA.2009.5410578 Published: 2009, ISI Web of Knowledge; **ICCA 2009**
- BDis16) D. Racoceanu, **Minca E.**, Zerhouni N, *Fuzzy Petri nets for monitoring and recovery*, **Volume: 3, Page(s): 4318 - 4323** vol.3, Proceedings. ICRA '03. IEEE International Conference on Robotics and Automation, 2003. **ISSN : 1050-4729, Print ISBN: 0-7803-7736-2, INSPEC Accession Number: 7906721, Digital Object Identifier : [10.1109/ROBOT.2003.1242268](https://doi.org/10.1109/ROBOT.2003.1242268), 10 November 2003, Issue Date : 14-19 Sept. 2003; **ICRA 2003****
- BDis17) **Minca E.**, Racoceanu D., Zerhouni N., Brezeanu I., *Fuzzy based Petri Nets for the production system diagnosis*, 6th World Multiconference on Systemics, Cybernetics and Informatics (SCI 2002)/8th International Conference on Information Systems Analysis and Synthesis ISAS 2002), JUL 14-18, 2002,



Orlando, Florida 6th World Multiconference on Systemics, Cybernetics and Informatics, VOL XII, Proceedings 433-438, 2002 (Web of Science), (<http://apps.isiknowledge.com>); **SCI 2002**

ARTICOLE/STUDII PUBLICATE ÎN REVISTE DE SPECIALITATE DE CIRCULAȚIE INTERNAȚIONALĂ INDEXATE BDI(Rbd)

- Rbd1) **E. Minca**, A Fuzzy Approach of the Optimal Analysis Based of Failure States in Manufacturing Systems (pp. 5-10), *THE ANNALS OF "DUNĂREA DE JOS" UNIVERSITY OF GALATI* FASCICLE III, **2012**, VOL. 35, NO. 1, ISSN 1221-454X ELECTROTECHNICS, ELECTRONICS, AUTOMATIC CONTROL, INFORMATICS
- Rbd2) A. Filipescu, **E. Minca**, A. Filipescu Jr., G. Petrea, Modeling and Control of Assembly/Disassembly Mechatronic Line Served by Robotic Manipulator Mounted on Mobile Platform (pp. 17-22) *THE ANNALS OF "DUNĂREA DE JOS" UNIVERSITY OF GALATI* FASCICLE III, **2012**, VOL. 35, NO. 1, ISSN 1221-454X ELECTROTECHNICS, ELECTRONICS, AUTOMATIC CONTROL, INFORMATICS
- Rbd3) **Minca E.**, Modelling and optimization of a reversible mechatronics line served by manipulator mounted on mobile robot, *THE ANNALS OF "DUNĂREA DE JOS" UNIVERSITY OF GALATI* FASCICLE III, **2012**, VOL. 35, NO. 2, ISSN 1221-454X ELECTROTECHNICS, ELECTRONICS, AUTOMATIC CONTROL, INFORMATICS
- Rbd4) **Minca E.**, General approach for modelling and time cycle optimization of an assembly/disassembly mechatronics line served by mobile robot with manipulator, *THE ANNALS OF "DUNĂREA DE JOS" UNIVERSITY OF GALATI* FASCICLE III, **2012**, VOL. 35, NO. 3, ISSN 1221-454X ELECTROTECHNICS, ELECTRONICS, AUTOMATIC CONTROL, INFORMATICS
- Rbd5) **Minca E.**, Dragomir O, Dragomir F, Istudor I, Lucaci G., "Fuzzy Petri Networks Used for Prognosis in Optimal Analysis of Manufacturing Systems", Scientific Bulletin of Electrical Engineering Faculty, Vol. 9, nr. 4 (9), **2009**, Romania, ISSN 1843-6188 (CNCSIS Tip B+), (<http://journals.indexcopernicus.com>)
- Rbd6) Istudor I., **Minca E.**, Stefan V., "Prevision and Warning Systems Using Mobile Technology Web Based", Scientific Bulletin of Electrical Engineering Faculty, Vol. 9, nr. 4 (9), **2009**, Romania, ISSN 1843-6188 (CNCSIS Tip B+)
- Rbd7) **E. Mincă**, O. Dragomir, F. Dragomir, I. Istudor, "Advanced methods for optimal intelligent control of manufacturing systems maintenance", Scientific Bulletin of Electrical Engineering Faculty - UVT, Vol.9, nr.1, ISSN 1843-6188, 2, **2009**, Romania (CNCSIS Tip B+), (<http://journals.indexcopernicus.com>)
- Rbd8) Dragomir F., Dragomir O., **Minca E.**, "A fuzzy logic control approach of a motor drive with microcontroller PIC", Scientific Bulletin of Electrical Engineering Faculty, Vol. 9, nr. 2 (9), pg.61-65, ISSN 1843-6188, **2009**, Romania (CNCSIS Tip B+), (<http://journals.indexcopernicus.com>)
- Rbd9) Dragomir F., Iliescu S., Dragomir O., **Minca E.**, "PV grid connected system with fuzzy intelligent control", 10th International Conference on Engineering of Modern Electric Systems, Oradea (EMES09), Vol.2, Nr.1, pg.97-101, Journal of Computer Science and Control Systems ISSN1844-6043, Volume: 2; Issue: 1; Start page: 97;



ISSN: 1844-6043, 2009, Oradea (CNCSIS Tip B+),
(<http://journals.indexcopernicus.com>)

Rbd10) Istudor I., **Minca E.**, “Software Object-Oriented Analysis and Design Using UML”, Scientific Bulletin of Electrical Engineering Faculty, Vol. 9, nr. 2 (9), 2008, ISSN 1843-6188, Romania (CNCSIS Tip B+), (<http://journals.indexcopernicus.com>)

Rbd11) F. Dragomir, O. Dragomir, **Minca E.**, “A fuzzy logic control approach of a motor drive with microcontroller PIC”, Scientific Bulletin of Electrical Engineering Faculty, Vol. 9, nr. 2 (9), 2008, ISSN 1843-6188, Romania (CNCSIS Tip B+), (<http://journals.indexcopernicus.com>)

ARTICOLE/STUDII PUBLICATE IN PUBLICATE ÎN VOLUMELE UNOR MANIFESTĂRI ȘTIINȚIFICE INTERNAȚIONALE RECUNOSCUTE (CU ISSN SAU ISBN) DIN ȚARĂ ȘI DIN STRĂINĂTATE (Bdi), IDEXATE BDI

Bdi1) **Eugenia Minca**, A Generalised Approach to the Temporal Optimisation Cycle of an Assembly/Disassembly Mechatronics Line Served by Mobile Robot with Manipulator, Proceedings of the 33rd Chinese Control Conference, July 28-30, 2014, Nanjing, China, pp. pp:3881-3886, ISBN:978-988-15638-4-2, IEEE Catalog number CFP:1441A-CDR. ([link](#))

Bdi2) George Petrea, Adrian Filipescu Jr., **Eugenia Minca** and Adriana Filipescu - Discrete modeling based control of an processing/reprocessing mechatronics line served by an autonomous robotic system, THE 4TH INTERNATIONAL SYMPOSIUM ON ELECTRICAL AND ELECTRONICS ENGINEERING <http://www.aciee.ugal.ro/ISEEE/2013>, Dunărea de Jos” University of GALATI Faculty of Automation, Computer Science, Electrical and Electronics Engineering, 11-13 October, Digital Object Identifier: [10.1109/ISEEE.2013.6674360](https://doi.org/10.1109/ISEEE.2013.6674360), **ISEEE 2013**
<http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=6674360>

Bdi3) Dumitrascu B., Filipescu, A., Petrea, G. ; Filipescu, S. ; Minca, Eugenia ; Voda, Alina Laser-based obstacle avoidance algorithm for four driving/steering wheels autonomous vehicle, 17th International Conference System Theory, Control and Computing (ICSTCC), Date of Conference: 11-13 Oct. 2013, Pages 187-192, ISBN 978-1-4799-2227-7, Digital Object Identifier :[10.1109/ICSTCC.2013.6688958](https://doi.org/10.1109/ICSTCC.2013.6688958), **ICSTCC 2013**
<http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=6688958>

Bdi4) Petrea G., Filipescu, A. ; Filipescu, A. ; Serbencu, A. ; Minca, Eugenia ; Voda, Alina, Hybrid modelling based control of an processing/reprocessing mechatronics line served by an autonomous robotic system, 17th International Conference System Theory, Control and Computing (ICSTCC), Date of Conference: 11-13 Oct. 2013, Pages 410-415, ISBN 978-1-4799-2227-7, , Digital Object Identifier : [10.1109/ICSTCC.2013.6688993](https://doi.org/10.1109/ICSTCC.2013.6688993), **ICSTCC 2013**
<http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=6688993>



- Bdi5) **E. Minca**, A. Filipescu and A. Voda, Hybrid Model Based Control of a Mechatronics Line Served by Mobile Robot with Manipulator, Proceedings of the 2013, IEEE 8th Conference on Industrial Electronics and Applications, ICIEA 2013 , art. no. 6566567 , pp.1296-1301, Conference Location :Melbourne, VIC, Digital Object Identifier :[10.1109/ICIEA.2013.6566567](http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=6566567) , **ICIEA 2013**
<http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=6566567>
- Bdi6) **E. Minca**, A. Filipescu and A. Voda, A Theoretical Approach of the Generalized Hybrid Model Based on the Control of Repetitive Processes, 2013 9th Asian Control Conference (**ASCC**), 23-26 June, Istanbul, 2013 , Pages: 1-6, ISBN 978-1-4673-5767-8, INSPEC Accession Number: 13847803, Digital Object Identifier :[10.1109/ASCC.2013.6606073](http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=6606073), **ASCC 2013**
<http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=6606073>
- Bdi7) **E. Minca**, A. Filipescu and A. Voda, New Approach in Control of Assembly/Disassembly Line Served by Robotic Manipulator Mounted on Mobile Platform, Proceedings of The 2012 IEEE International Conference on Robotics and Biomimetics (ROBIO 2012), 978-1-4673-2126-6/12/\$31.00 © 2012 IEEE, **ROBIO 2012**
- Bdi8) A. Radaschin, A. Voda, **E. Minca**, A. Filipescu, Task Planning Algorithm in Hybrid Assembly/Disassembly Process, 14th IFAC Conference on Information Control Problems in Manufacturing, May 23-25, 2012, Bucharest, ISSN: 1474-6670; ISBN: 978-3-902661-98-2, pp. 571-576; **INCOM 2012**
- Bdi9) Adrian Filipescu, Silviu Filipescu, **Eugenia Minca**, Hybrid System Control of an Assembly/Disassembly Mechatronic Line Using Robotic Manipulator Mounted on Mobile Platform, The 7th IEEE Conference on Industrial Electronics and Applications (ICIEA), 18-20 July, 2012, Singapore, pp. 433-438, IEEE Catalog Number CFP 1220A-CDR, ISBN: 978-1-4577-2117-5; Digital Object Identifier : [10.1109/ICIEA.2012.6360769](http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=6360769), **ICIEA 2012**
<http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=6360769>
- Bdi10) A Voda, A Radaschin, **E Minca**, A Filipescu, Control of automatic robot with guided manipulator integrated into flexible manufacturing system using Hybrid Petri Nets, 16th International System Theory, Control and Computing (ICSTCC), Page(s): 1 - 6 , Conference Location : Sinaia, Romania, Print ISBN: 978-1-4673-4534-7, Date of Current Version : 13 December 2012, Issue Date : 12-14 Oct. 2012; **ICSTCC 2012**
- Bdi11) **E Minca**, V Stefan, A Filipescu, A Serbencu, Two approaches in modeling of assembly/disassembly line with integrated manipulator mounted on mobile platform, 16th International System Theory, Control and Computing (ICSTCC), Page(s): 1 – 6, Conference Location : Sinaia, Romania, Print ISBN: 978-1-4673-4534-7, Date of Current Version : 13 December 2012, Issue Date : 12-14 Oct. 2012; **ICSTCC 2012**
- Bdi12) Dragomir, O.E., Dragomir, F., **Minca, E.**, Forecasting of renewable energy load with radial basis function (RBF) neural networks, ICINCO 2011 –Proceedings of the 8th International Conference on Informatics in Control, Automation and Robotics 2, pp. 409-412, SCOPUS; **ICINCO 2011**
- Bdi13) **Minca E.**, Dragomir O., Dragomir F., Enache A., Temporal Recurrent Modelling Applied to Manufacturing Flexible Lines Served by Collaborative Robots, Pg. 749



- 754 , 8th Asian Control Conference ASCC2011, Proceedings of the 8th Asian Control Conference, **Conference Location** : Kaohsiung, **E-ISBN** : 978-89-956056-4-6, **Print ISBN**: 978-1-61284-487-9, **INSPEC Accession Number**: 12072609, **Date of Current Version** : 20 June 2011, **Issue Date** : 15-18 May 2011, Kaohsiung, Taiwan, China, IEEE Catalog Number: CEP11832-CDR; **ASCC 2011**

http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=5899165

Bdi14) Dumitrascu B., Filipescu A., Radaschin A., Filipescu A. Jr., **MincaE**, Discrete-Time Sliding Mode Control of Wheeled Mobile Robots, Proceedings of the 8th Asian Control Conference, pp. 771 – 776, **Conference Location** : Kaohsiung, **E-ISBN** : 978-89-956056-4-6, **Print ISBN**: 978-1-61284-487-9, **INSPEC Accession Number**: 12072609, **Date of Current Version** : 20 June 2011, **Issue Date** : 15-18 May 2011 pp. 749 – 754, Kaohsiung, Taiwan, China, IEEE Catalog Number: CEP11832-CDR; **ASCC 2011**

http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=5899169

BDis18) **Minca E.**, Dragomir O., Dragomir F., Radaschin, Assembly-Disassembly Flexible Lines and Collaborative Robots Considered as Hierarchical Systems in Temporal Recurrent Modelling, Pg. 69 - 74 ; **Conference Location** : Taipei, **Print ISBN**: 978-1-61284-698-9, **INSPEC Accession Number**: 12145322, **Digital Object Identifier** : [10.1109/WCICA.2011.5970637](https://doi.org/10.1109/WCICA.2011.5970637), **Date of Current Version** : 01 August 2011, **Issue Date** : 21-25 June 2011, IEEE Catalog Number: CFP11496-DVD, ISBN: 978-1-61284-700-9/11/\$26.00 ©2011 IEEE; **WCICA 2011**

BDis19) Filipescu, A.; Minzu, V.; Dumitrascu, B.; Filipescu, A.; **Minca, E.** Trajectory-tracking and discrete-time sliding-mode control of wheeled mobile robots, Pg. 27-32, 2011 IEEE International Conference on Information and Automation (ICIA), **Conference Location** : Shenzhen, **E-ISBN** : 978-1-4577-0269-3, **Print ISBN**: 978-1-4577-0268-6, **INSPEC Accession Number**: 12116415, **Digital Object Identifier** : [10.1109/ICINFA.2011.5948958](https://doi.org/10.1109/ICINFA.2011.5948958), 11 July 2011, **Issue Date** : 6-8 June 2011; **ICIA 2011**

http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=5948958

BDis20) Dumitrascu, B.; Filipescu, A.; Vasilache, C.; **Minca, E.**; Filipescu, A.; Discrete-time sliding-mode control of four driving/steering wheels mobile platform, Pg. 1076 – 1081, The Proceedings of 19th IEEE Mediterranean Conference on Control & Automation, pp. 1076 – 1081, **Conference Location** : Corfu, **Print ISBN**: 978-1-4577-0124-5, **INSPEC Accession Number**: 12189318, **Digital Object Identifier** : [10.1109/MED.2011.5983167](https://doi.org/10.1109/MED.2011.5983167), **Date of Current Version** : 11 August 2011, **Issue Date** : 20-23 June 2011 ISBN: 978-1-4577-0124-5, Digital Object Identifier : 10.1109/MED.2011.5983167, 20-23 June 2011, Corfu, Greece; **MED 2011**

http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=5983167

BDis21) Dumitrascu, Bogdan; Filipescu, Adrian; Minzu, Viorel; Voda, Alina; **Minca, Eugenia.**, Discrete-time sliding-mode control of four driving-steering wheels autonomous vehicle, Pg. 3620 - 3625 Proceedings of the 30th Chinese Control Conference (CCC 2011), **Conference Location** : Yantai, **ISSN** : 1934-1768, **E-ISBN** : 978-988-17255-9-2, **Print ISBN**: 978-1-4577-0677-6, **INSPEC Accession Number**: 12300988, **Date of Current Version** : 25 August 2011, **Issue Date** : 22-24 July 2011; **CCC 2011**

http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=6001526

BDis22) A. Besançon-Voda, A. Filipescu, I. Susnea, **E. Minca**, "Control and Obstacle Avoidance of a Mobile Platform Used as Robotic Assistant for Elderly and



- Disabled", The 6th National Conference on "Control Architectures of Robots", May 24-25, 2011, Grenoble, FRANCE, **2011**
- BDis23) A. Radaschin, A. Filipescu, V. Minzu, **E. Minca**, A. Filipescu Jr., Adaptive disassembly sequence control by using mobile robots and system information, Pg. 2-6, The 15th International Conference on System Theory, Control and Computing (ICSTCC2011), **Conference Location** : Sinaia, **Print ISBN**: 978-1-4577-1173-2, **INSPEC Accession Number**: 12402814, **Date of Current Version** : 28 November 2011, **Issue Date** : 14-16 Oct. 2011 14-16 october, 2011, Sinaia; **ICSTCC 2011**
http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=6085732
- BDis24) O. Dragomir, F. Dragomir, **E. Minca**, MLP neural network as load forecasting tool on short- term horizon, Pg. 1265 - 1270 , Mediterranean Conference on Control and Automation- MED 2011, **Conference Location** : Corfu, **Print ISBN**: 978-1-4577-0124-5, **INSPEC Accession Number**: 12178648, **Digital Object Identifier** : [10.1109/MED.2011.5982974](http://dx.doi.org/10.1109/MED.2011.5982974), **Date of Current Version** : 11 August 2011, **Issue Date** : 20-23 June 2011 Corfu, Grecia; **MED 2011**
http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=5982974
- BDis25) Dragomir F, Dragomir OE, Minca E, A fuzzy approach to intelligent control of low voltage electrical networks with distributed power from renewable resources, **Pg.** 606 – 611, 2010 IEEE International Energy Conference and Exhibition (EnergyCon), **Conference Location** : Manama, **Print ISBN**: 978-1-4244-9378-4, **INSPEC Accession Number**: 12007899, **Digital Object Identifier** : [10.1109/ENERGYCON.2010.5771753](http://dx.doi.org/10.1109/ENERGYCON.2010.5771753), **Date of Current Version** : 19 May 2011, **Issue Date** : 18-22 Dec. 2010; **ENERGYCON 2011**
- BDis26) **Minca E.**, Dragomir O., Dragomir F., Improvement of temporal modeling of recurrent detection/diagnosis, The 29th IEEE Chinese Control Conference, Beijing, pg.3804-3809 (CCC2010), **Conference Location** : Beijing, **Print ISBN**: 978-1-4244-6263-6, **INSPEC Accession Number**: 11572358, **Date of Current Version** : 20 September 2010
Issue Date : 29-31 July 2010; **CCC 2010**
<http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=5524311>
- BDis27) **Minca E.**, Dragomir O., Dragomir F., Producer-Consumer Distributed Energy Production Systems modeling with a new Approach of Recurrent Synchronized Fuzzy Petri Nets, Pg. 1668 - 1673 , The 8 th IEEE World Congress on Intelligent Control & Automation, Jinan, (WCICA2010), **Conference Location** : Jinan, **Print ISBN**: 978-1-4244-6712-9, **INSPEC Accession Number**: 11511343, **Digital Object Identifier** : [10.1109/WCICA.2010.5554783](http://dx.doi.org/10.1109/WCICA.2010.5554783), **Date of Current Version** : 23 August 2010, **Issue Date** : 7-9 July 2010; **WCICA 2010**
- BDis28) **Minca E.**, Dragomir O., Dragomir F, Improvement of recurrent fuzzy detection/diagnosis functions modeling. A temporal modeling application for fault states in a manufacturing system, 2010 8th IEEE International Conference on Control and Automation (ICCA), Pg. 1456 – 1461, **Conference Location** : Xiamen, China, **ISSN** : 1948-3449, **E-ISBN** : 978-1-4244-5196-8, **Print ISBN**: 978-1-4244-5195-1, **Digital Object Identifier** : [10.1109/ICCA.2010.5524311](http://dx.doi.org/10.1109/ICCA.2010.5524311), **Date of Current Version** : 26 July 2010
Issue Date : 9-11 June 2010; **ICCA 2010**
- BDis29) Dragomir O., Dragomir F., Guriveau R, **Minca E.**, Medium Term Load Forecasting Using ANFIS Predictor, The 18th IEEE Mediterranean Conference on Control and Automation, Marrakech, pg. 551-556 (MED2010), **Conference Location** : Marrakech, Morocco, **Print ISBN**: 978-1-4244-8091-3, **Digital Object Identifier**



: [10.1109/MED.2010.5547727](https://doi.org/10.1109/MED.2010.5547727), 12 August 2010, **Issue Date** : 23-25 June 2010;
MED 2010

- BDis30) **Minca E.**, Stefan V., Dragomir O., Dragomir F., Application for manufacturing systems served by collaborative robots monitoring, Pg. 138 - 143 , The IEEE International Conference on Automation and Logistics, Hong Kong/Macau, pg.138-143 (ICAL2010), **Conference Location** : Hong Kong and Macau, **E-ISBN** : 978-1-4244-8374-7, **Print ISBN**: 978-1-4244-8375-4, **INSPEC Accession Number**: 11556265, **Digital Object Identifier** : [10.1109/ICAL.2010.5585397](https://doi.org/10.1109/ICAL.2010.5585397), **Date of Current Version** : 23 September 2010 **Issue Date** : 16-20 Aug. 2010; **ICAL 2010**
- BDis31) **Minca E.**, Brezeanu I., Dragomir O., Dragomir F., “Improvement of recurrent fuzzy detection/diagnosis functions modeling. A temporal modeling application for fault states in a manufacturing system”, 8th IEEE International Conference on Control & Automation (ICCA'10), **Conference Location** : Xiamen, China, **ISSN**: 1948-3449
E-ISBN: 978-1-4244-5196-8, **Print ISBN**: 978-1-4244-5195-1, **Digital Object Identifier** : [10.1109/ICCA.2010.5524311](https://doi.org/10.1109/ICCA.2010.5524311), **Date of Current Version**: 26 July 2010, **Issue Date** : 9-11 June 2010 , Xiamen, China, **ICCA 2010**
- BDis32) Stefan V., Stanescu I., Roceanu I., Stefan A., Minca E., Prospective topography of mobile learning solutions, Virtual learning-Virtual Reality. Model and Methodologies Technologies and Software Solution, Romania, **2010**
- BDis33) Dragomir O., Dragomir F., Rafael G, Minca E., Reliability Prediction under Uncertainties using Fuzzy/Possibility Approach, The 14th IEEE International Conference on System Theory and Control, Sinaia, **2010**
- BDis34) Dragomir F., Dragomir O., **Minca E.**, Olariu N., Iliescu S.S., “Control Solution Based on Fuzzy Logic for Low Voltage Electrical Networks with Distributed Power from Renewable Resources”, The 25th European Photovoltaic Solar Energy Conference and Exhibition (25th EU PVSEC) and 5th World Conference on Photovoltaic Energy Conversion (WCPEC-5), Valencia, **2010**
- BDis35) Dragomir O., Dragomir F., Guriveau R., **Minca E.**, Forecasting of Renewable Energy Balance on Medium Term, Large Scale Systems: Theory and Applications, Villeneuve d’Ascq, Franța (**LSS2010**), ISBN 978-2-915913-26-2, France, **2010**
- BDis36) **Minca E.**, Filip F., Zemouri R., Dragomir F., Dragomir O., “*Advanced methods in hierarchical discrete systems modeling*”, The 13th IFAC Symposium on Information Control Problems in Manufacturing, Moscow, June 3 - 5, (INCOM'09), Preprints pg.1650-1655, 2009, Russia; **INCOM 2009**
- BDis37) **Minca E.**, Zemouri R., Dragomir F., Dragomir O., “*Hierarchical systems Monitoring using recurrent synchronized fuzzy Petri Nets*”, European Control Conference, ECC'09, Budapest, Hungary, pg.4775-4779, **ISBN** 978-963-311- 0, 2009, Hungary, (<http://ieeexplore.ieee.org>); **ECC 2009**
- BDis38) Dragomir O., Gouriveau R., Dragomir F., **Minca E.**, “*Review of The Prognosis Problem in Academic And Industrial Area of Interest*”, European Control Conference, ECC'09, Budapest, Hungary, pg.1587-1592, **ISBN** 978-963-311-0, 2009, Hungary, , (<http://ieeexplore.ieee.org>); **ECC 2009**
- BDis39) **Minca E.**, D. Racoceanu, Fl. Dragomir, N. Zerhouni, *Fuzzy approach in discrete events systems recovery*, Preprints of the 4th International Conference on Management and control of Production and Logistics, MCPL 2007, Sept 2007, Sibiu, Romania, (Dumitrache, I, Filip, F.G., Bologna, O. Eds) **ISBN** 978-973-739-481-1, pp. 585-590, 2007, (<http://www.ifac-papersonline.net>); **MCPL 2007**



BDis40) **Minca E.**, Racoceanu D., Zerhouni N., *Approche de la détection par réseau de Petri flou*, **PENTOM 2003**, Congrès International Pluridisciplinaire Performance et Nouvelles Technologies en Maintenance, Valenciennes, 28-30 martie 2003, **ISBN 2-905725-51**, France

BDis41) **Minca E.**, Racoceanu D., Zerhouni N., Brezeanu I., *Approche temporelle floue pour la détection* **QUALITA 2003**, 5ème Congrès International Pluridisciplinaire Qualité et Sécurité de Fonctionnement 18-20 mars 2003, **ISBN 926429984X**, Nancy – France.

ARTICOLE/STUDII PUBLICATE IN PUBLICATE ÎN VOLUMELE UNOR MANIFESTĂRI ȘTIINȚIFICE NATIONALE RECUNOSCUTE (CU ISSN SAU ISBN), IDEXATE BDI (Vni)

Vn1) Filipescu, I. Susnea, V. Minzu, **E. Minca**, A. Filipescu, Jr., Path Following Fuzzy Control and Bubble Rebound Obstacle Avoidance Method of a WMR Mobile Platform, Pg.404-410, **CSCS-18**, 18th INTERNATIONAL CONFERENCE ON CONTROL SYSTEMS AND COMPUTER SCIENCE, May 24-27, 2011 POLITEHNICA University of Bucharest, Proceedings Vol 1, May 24-27, 2011 POLITEHNICA University of Bucharest; CSCS 18

Vn2) **Minca E.**, Dragomir O., Dragomir F., Racoceanu D., Olariu N., “*Fuzzy Petri networks used for prognosis in optimal analysis of manufacturing systems*”, The 17th International Conference on Control Systems and Computer Science (**CSCS17**), pg. 21-26, **ISSN: 2066-4451**, 2009, Romania

Vn3) Dragomir F., Iliescu S., Dragomir O., **E. Minca**, “*Framework for Design of Fuzzy Logic Controllers: Application to Oil Level Control in a Tank*”, The 17th International Conference on Control Systems and Computer Science (**CSCS17**), **ISSN: 2066-4451**, pg. 81-86, 2009, Romania

Vn4) Dragomir F., Dragomir O., **Minca E.**, “*Artificial Intelligence Techniques for Energy Balance Forecasting*”, The 6th Symposium on Process Control, Ploiesti (SPC'09), Petroleum Gas University of Ploiesti Bulletin, Vol.LXI, No.3, pg.301-307, **ISSN: 1224-8495**, 2009, Romania (CNCSIS Tip B)

Vn5) **Minca E.**, Dragomir O., Dragomir F., Stefan V., “*Optimal analysis of fuzzy manufacturing systems*”, The 6th Symposium on Process Control, Ploiesti (SPC'09), Buletinul UP Petroleum Gas University of Ploiesti Bulletin, Vol.LXI, No.3, pg.153-157, **ISSN: 1224-8495**, 2009, Romania (CNCSIS Tip B)

Vn6) V. Stefan, **Minca E.**, O. Dragomir, F. Dragomir, “*Maintenance model for real-time process control*”, International Symposium on Electrical Engineering- ISEE 2005, 17-19 noiembrie 2005, Ed. Bibliotheca Targoviste, pg. 141, **ISBN 973-712-101-5**, Romania

Vn7) Dragomir O., **Minca E.**, Ivan A., Stefan V., “*Artificial intelligence techniques in building control systems optimisation*”, International Symposium on Electrical Engineering- ISEE 2005, 2005, **ISBN 973-712-101-5**, Romania

Vn8) Ivan A. , Ivan M., Dragomir F., **Mincă E.**, Dragomir O., Petrovici V., “*Distributed architecture for interfacing quartz dual mode sensors*”, Proceedings to the 5th

ROMÂNIA
MINISTERUL EDUCAȚIEI ȘI CERCETĂRII ȘTIINȚIFICE
UNIVERSITATEA "VALAHIA" din TARGOVISTE



International Symposium on Electrical Engineering -ISEE 2005, 2005, **ISBN** 973-712-101-5, 2005, Romania.

Data,
19.05.2015

conf.dr.ing. Eugenia MINCĂ
Semnatura,