

LISTA DE LUCRARI PUBLICATE

prof. dr. ing. Grigore Ovidiu

A. LISTA CELOR MAI RELEVANTE 10 PUBLICAȚII

1. (Ris1.) I.V. Bornoiu, **Ov. Grigore**, "Evaluation of Multiple Levels of Psychological Stress Using Only Electrodermal Activity Data", Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique, Vol. 59, Issue: 3, pp. 325-334, Jul-Sept. 2014, ISSN: 0035-4066, WOS:000341801300010
2. (Ris3.) V. Velican, R. Strungaru, **Ov. Grigore**, "Automatic Recognition of Improperly Pronounced Initial 'r' Consonant in Romanian", Advances In Electrical and Computer Engineering, Vol. 12, Issue: 3, 2012, pp. 79-84, ISSN: 1582-7445, DOI:10.4316/AECE.2012.03012, WOS:000308290500012
3. (Ris6.) I. Gavat, **Ov. Grigore**, M. Cotescu, M. Canazei, H. Atz, K. Becker, L. Izso, G. Kempter, H. Plischke, W. Pohl, "Lighting as Support for Enhancing Well-Being, Health and Mental Fitness of an Ageing Population - The FP6 EU Funded ALADIN Project", Ergonomics and Health Aspects of Work with Computers, Book Series: Lecture Notes in Computer Science, Vol. 5624, 2009, pp. 231-240, ISBN:978-3-642-02730-7, WOS:000269123300027
4. (Ris8.) **Ov. Grigore**, "Syntactical Self-Organizing Map", Computational Intelligence: Theory and Applications, Book Series: Lecture Notes in Computer Science, Vol. 1226, 1997, pp.101-109, ISBN:3-540-62868-1, DOI:10.1007/3-540-62868-1_103, WOS:000073946500012
5. (Ris26.) Z. Valsan, I. Gavat, B. Sabac, O. Cula, **Ov. Grigore**, D. Militaru, O. Dumitru, "Statistical and Hybrid Methods for Speech Recognition in Romanian", International Journal of Speech Technology, Sept. 2002, Volume 5, Issue 3, pp 259-268, ISSN 1381-2416, DOI:10.1023/A:1020249008539
6. (Vis2.) I. V. Bornoiu, R. Strungaru, **Ov. Grigore**, "Intelligent System for Emotion Recognition Based on Electrodermal Activity Processing", Proc. 6th European Conference of the International-Federation-for-Medical-and-Biological-Engineering (MBEC), Dubrovnik, Croatia, Sept. 07-11, 2014, Vol. 45, pp. 70-73, ISBN:978-3-319-11127-8, DOI:10.1007/978-3-319-11128-5_18, WOS:000349454200018
7. (Vis3.) I.V. Bornoiu, **Ov. Grigore**, "A Study About Feature Extraction for Stress Detection", Proc. 8th International Symposium on Advanced Topics in Electrical Engineering (ATEE 2013), Bucharest, Romania, May 23-25, 2013, pp. 1-4, ISBN:978-1-4673-5980-1, DOI:10.1109/ATEE.2013.6563421, WOS:000332928500075
8. (Vis4.) M. Popa, **Ov. Grigore**, V. Velican, "Computer Assisted Auditory-Verbal Education", Proc. International Conference on Psychology and the Realities of the Contemporary World (PSIWORLD), Book Series: Procedia Social and Behavioral Sciences, Vol. 78, pp. 95-99, 2013, ISSN: 1877-0428, DOI:10.1016/j.sbspro.2013.04.258, WOS:000324278500019

9. (Vis10.) **Ov. Grigore**, I. Gavata, C. Grigore, M. Cotescu, "Stochastic Methods Used in Adaptive Lighting Control", Proc. International Multi-Conference on Engineering and Technological Innovation (IMETI 2008), Orlando, FL, USA, Jun 29-Jul 02, 2008, pp. 68-73, ISBN:978-1-934272-52-7, WOS:000263863200014
10. (B1.) **Ov. Grigore**, V. Velican, "Auditory-Verbal Recuperation System with Adaptive Simulation and Reinforcement Learning", RO127616-A0; RO127616-B1, 2012, Derwent Primary Accession Number: 2012-P88121

B. LISTA LUCRĂRI

I. TEZA DE DOCTORAT (T)

- T1. **Ov. Grigore**, "*Algoritmi pentru recunoașterea formelor plane. Abordari sintactice*", Universitatea Politehnica din București, 1997.

II. CĂRȚI PUBLICATE (C)

Ca–Cărți/cursuri (manuale) pentru uzul studenților publicate în edituri recunoscute

- Ca1. N. Tomescu, **Ov. Grigore**, Dispozitive și circuite electronice. Electronică Analogică. Aplicații practice, Ed. Printech (cod CNCSIS 54), București, 2000, 131 pag., ISBN 973-652-071-4;
- Ca2. R. Dogaru, **Ov. Grigore**, Sisteme neurale și cu logică fuzzy. Implementări informatice și aplicații, Ed. Printech (cod CNCSIS 54), București, 1999, 127 pag., ISBN 973-9475-51-5

Cb - Cărți de specialitate publicate în edituri recunoscute (autor, coautor, editor).

- Cb1. **Ov. Grigore**, M. Ungureanu, N. Tomescu, Programare în C, Ed. Printech (cod CNCSIS 54), București, 1999, 114 pag., ISBN 973-9475-96-5
- Cb2. **Ov. Grigore**, C. Bigan, Tehnici de programare, Ed. Printech (cod CNCSIS 54), București, 2000, 141 pag., ISBN 973-652-118-4;
- Cb3. I. Gavata, M. Zirra, **Ov. Grigore**, Z. Vâlsan, B. Sabac, O. Cula, A. Pascu, Elemente de sinteza și recunoașterea vorbirii, Ed. Printech (cod CNCSIS 54), București, 2000, 226 pag., ISBN 973-652-129-X
- Cb4. **Ov. Grigore**, C. N. Popescu, Programarea calculatoarelor. Exemple și probleme rezolvate în C, Ed. MatrixRom (cod CNCSIS 39), București, 2003, 167 pag., ISBN 973-685-570-8
- Cb5. **Ov. Grigore**, Polygonal Approximations. Algorithms and Implementations, Ed. MatrixRom (cod CNCSIS 39), București, 2003, 219 pag., ISBN 973-685-530-9
- Cb6. **Ov. Grigore**, V. Velican. B. F. Florea, Inteligență computațională și recunoașterea formelor, Politehnica Press (cod CNCSIS 19), 2013, 250 pag., ISBN: 978-606-515-508-4

III. ALTE MATERIALE PUBLICATE (I,D)

I - Culegeri și îndrumare publicate (separate în edituri cu ISBN și în tipografiile locale/de instituții sau de uz intern).

- II. **Ov. Grigore**, C. Bigan, Programarea structurilor de date, Ed. Agerpress Typo, București, 2001, 142 pag., ISBN 973-85228-03;

IV. ARTICOLE / STUDII IN EXTENSO PUBLICATE (R,V)

Ris - Reviste de specialitate de circulație internațională recunoscute (cotate / indexate ISI Thomson Reuters, sau indexate in alte Baze de Date Internationale - BDI specifice domeniului, care fac un proces de selectie a revistelor pe baza unor criterii de performanta).

- Ris1. I.V. Bornoiu, **Ov. Grigore**, "Evaluation of Multiple Levels of Psychological Stress Using Only Electrodermal Activity Data", Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique, Vol. 59 , Issue: 3, pp. 325-334, Jul-Sept. 2014, ISSN: 0035-4066, WOS:000341801300010, Web of Science Categories:Engineering, Electrical & Electronic
- Ris2. I. V. Bornoiu, **Ov. Grigore**, "Kohonen Neural Network Stress Detection Using Only Electrodermal Activity Features", Advances In Electrical and Computer Engineering, Vol. 14, Issue: 3, 2014, pp. 71-78, ISSN: 1582-7445, DOI:10.4316/AECE.2014.03009, WOS:000340869800009, Web of Science Categories:Computer Science, Artificial Intelligence; Engineering, Electrical & Electronic
- Ris3. V. Velican, R. Strungaru, **Ov. Grigore**, "Automatic Recognition of Improperly Pronounced Initial 'r' Consonant in Romanian", Advances In Electrical and Computer Engineering, Vol. 12, Issue: 3, 2012, pp. 79-84, ISSN: 1582-7445, DOI:10.4316/AECE.2012.03012, WOS:000308290500012, Web of Science Categories:Computer Science, Artificial Intelligence; Engineering, Electrical & Electronic
- Ris4. **Ov. Grigore**, V. Velican, "Self-Organizing Maps For Identifying Impaired Speech", Advances In Electrical and Computer Engineering, Vol. 11, Issue: 3, 2011, pp. 41-48, ISSN: 1582-7445, DOI:10.4316/AECE.2011.03007, WOS:000296186700007, Web of Science Categories:Computer Science, Artificial Intelligence; Engineering, Electrical & Electronic
- Ris5. **Ov. Grigore**, C. Grigore, V. Velican, "Intelligent System for Impaired Speech Evaluation", Recent Advances in Circuits, Systems and Signals, Book Series: International Conference on Circuits Systems Signals, 2010, pp. 365-368, ISBN:978-960-474-226-4, WOS:000290360900078, Web of Science Categories:Engineering, Electrical & Electronic
- Ris6. I. Gavat, **Ov. Grigore**, M. Cotescu, M. Canazei, H. Atz, K. Becker, L. Izso, G. Kempter, H. Plischke, W. Pohl, "Lighting as Support for Enhancing Well-Being, Health and Mental Fitness of an Ageing Population - The FP6 EU Funded ALADIN Project", Ergonomics and Health Aspects of Work with Computers, Book Series: Lecture Notes in Computer Science, Vol. 5624, 2009, pp. 231-240, ISBN:978-3-642-02730-7, WOS:000269123300027, Web of Science Categories:Computer Science, Theory & Methods; Ergonomics
- Ris7. **Ov. Grigore**, Oct. Grigore, "The control of a nonlinear system using neural networks", Computational Intelligence: Theory and Applications, Book Series: Lecture Notes in Computer Science, Vol. 1625, 1999, pp. 667-670, ISBN:3-540-66050-X, DOI:10.1007/3-540-48774-3_72, WOS:000237352100072, Web of Science Categories:Computer Science, Theory & Methods

- Ris8. **Ov. Grigore**, "Syntactical Self-Organizing Map", Computational Intelligence: Theory and Applications, Book Series: Lecture Notes in Computer Science, Vol. 1226, 1997, pp. 101-109, ISBN:3-540-62868-1, DOI:10.1007/3-540-62868-1_103, WOS:000073946500012, Web of Science Categories: Computer Science, Artificial Intelligence; Computer Science, Theory & Methods
- Ris9. L. Grigore, A. Meghea, **Ov. Grigore**, R. Martins, "Thermodynamic Properties of Ternary Aqueous Electrolyte Solutions", Physics and Chemistry of Liquids, vol. 37/4, 1998, pp. 409-428, ISSN: 0031-9104, DOI:10.1080/00319109908031445, WOS:000082690900010, Web of Science Categories: Chemistry, Physical; Physics, Condensed Matter
- Ris10. **Ov. Grigore**, A. Puga, "Object Localization Procedure for Intratumoral Microvessel Density Estimation", Recent Advances in Simulation, Computational Methods and Soft Computing, WSAES Press, 2002, pp. 22-26, ISBN 960-8052-64-5
- Ris11. **Ov. Grigore**, A. Puga. "Image Segmentation for a Breast Cancer Identification System", Advances in Signal Processing, Robotics and Communications, 2001, WSEAS Press, pp. 153-158, ISBN 960-8052-42-4
- Ris12. C. Grigore, AM. Vintila, I. Stoian, **Ov. Grigore**, L. Dawkins, D. Isacoff, I.V. Bruckner, "New Markers of Inflammation in Metabolic Syndrome", Journal of Hypertension, 33, 2015, pp.13.24.
- Ris13. V. Velican, **Ov. Grigore**, "Adaptive Rote-Learning tutoring Algorithm", UPB Scientific Bulletin, Series C: Electrical Engineering and Computer Science, 77(2), and Computer Science , 2015, pp. 173-184, ISSN 2286-3540
- Ris14. I.V. Bornoiu, **Ov. Grigore**, "A new method for inducing human stress and relaxation states", UPB Scientific Bulletin, Series C: Electrical Engineering and Computer Science, 76 (3), 2014, pp. 99-110, ISSN 2286-3540
- Ris15. C Grigore, AM Vintila, **Ov. Grigore**, L. Dawkins, D. Isacoff, I.V. Bruckner, "Cardiovascular Risk Factors for Patients with Untreated Hypertension", Journal of Internal Medicine Society, No.2, 2011, pp. 12-18
- Ris16. A. Hazzam, N. Kohls, A. Plankensteiner, U. Becker, W. Ritter, E. Maier, H. Plischke, S. Sauer, **Ov. Grigore**, W. Pohl, G. Kempter, "Implementing ambient assisting technologies in elder-care: Results of a pilot study", Journal of Science, Technology, Ethics, and Policy 2011, pp. 27-38
- Ris17. **Ov. Grigore**, C. Grigore, V. Velican, "Impaired speech evaluation using Mel-Cepstrum analysis", International Journal of Circuits, Systems and Signal Processing, Volume 5, Issue 1, 2011, Pages 70-77, ISSN: 19984464
- Ris18. **Ov. Grigore**, V. Velican, A. Craciunoiu, "Experimental Results Obtained in Computer Assisted Auditory-Verbal Education", International Journal of Education and Information Technologies, Volume 4, Issue 4, 2010, pp. 206-213, ISSN: 2074-1316
- Ris19. **Ov Grigore**, I Oliveira, N Guimaraes, "EEG Signal Analysis for Silent Visual Reading Classification", International Journal of Circuits, Systems and Signal processing, Volume 3, Issue 3, 2009, pp.119-126, ISSN: 2074-1316
- Ris20. **Ov Grigore**, I Gavut, M Cotescu, "Stochastic algorithms for adaptive lighting control using psycho-physiological features", International Journal of Biology and Biomedical Engineering, Vol. 1, Issue 4, 2007, pp. 68-77, ISSN: 1998-4510

- Ris21. **Ov Grigore**, RC Veltkamp, "On the implementation of polygonal approximation algorithms", Technical Report UU-CS-2003-005, Utrecht University, 2003, 66 pag. DOI:10.1.1.13.4964
- Ris22. Oct. Grigore, **Ov. Grigore**, "The Full-Controller for On Board Directly Platform", Recent Advances in Simulation, Computational Methods and Soft Computing, WSES Press, 2002, pp. 27-33, ISBN 960-8052-64-5
- Ris23. Z. Valsan, I. Gavat, B. Sabac, O. Cula, **Ov. Grigore**, D.Militaru, O. Dumitru, "Statistical and Hybrid Methods for Speech Recognition in Romanian", International Journal of Speech Technology, Sept. 2002, Volume 5, Issue 3, pp 259-268, ISSN 1381-2416, DOI:10.1023/A:1020249008539
- Ris24. **Ov. Grigore**, Oct. Grigore, "Improved air-to-air missile control via predictive techniques", Revue Roumaine Des Sciences Techniques Serie Electrotechnique Et Energetique, Vol.45 No.1, 2000, pp. 127-133, ISSN: 0035-4066
- Ris25. **Ov. Grigore**, A. Florescu, C. Radoi, Oct. Grigore, "Computational intelligence design of a DC-DC duty-cycle compensation controller", Revue Roumaine Des Sciences Techniques Serie Electrotechnique Et Energetique, Vol. 45, No.1, 2000, pp. 103-116, ISSN: 0035-4066
- Ris26. **Ov. Grigore**, Oct. Grigore, "Syntactical clustering using genetic algorithms", Revue Roumaine Des Sciences Techniques Serie Electrotechnique Et Energetique, Vol. 45, No.1, 2000, pp. 117-126, ISSN: 0035-4066
- Ris27. Oct. Grigore, **Ov. Grigore**, "Some considerations on the control robustness of a fighter aircraft", Revue Roumaine Des Sciences Techniques Serie Electrotechnique Et Energetique, Vol. 44, No.3, 1999, pp. 377-384, ISSN: 0035-4066
- Ris28. **Ov. Grigore**, Oct. Grigore, "Robust nonlinear control using neural networks", Revue Roumaine Des Sciences Techniques Serie Electrotechnique Et Energetique, Vol. 40, No.5, 1995, pp. 367-390, ISSN: 0035-4066
- Ris29. **Ov. Grigore**, V. Velican, "Adaptive Stimulation Method Used to Improve the Auditory-Verbal Education Procedure", Recent Advances in Applied & Biomedical Informatics and Computational Engineering in Systems Applications, pp. 245-250, ISBN: 978-1-61804-028-2
- Ris30. **Ov. Grigore**, "Regular grammars inference algorithm", Revue Roumaine des Science Techniques, serie Electrotechnique et Energetique, Ed. Academiei Romane, vol. 42, 1997, pp. 95 – 104, ISSN 0035-4066
- Ris31. A. Florescu, **Ov. Grigore**, "Comparison between Fuzzy and Neuro-Fuzzy Designs of a Compensation Controller in DC Systems", Systemics, cybernetics and informatics; Image acoustic speech and signal processing - part 2, Vol. 13, pt 2, pp. 1-4, ISBN: 9800775536
- Ris32. I. Gavat, **Ov. Grigore**, "Variante fuzzy ale algoritmilor de recunoastere a vorbirii", Caiet al Academia Romana, Comisia de Acustica, nr. 28, 1998, pp. 45-50
- Ris33. A. Florescu, D. Stoichescu, **Ov. Grigore**, D. Vasile, "Design of a Fuzzy Logic Controller for DC-DC Systems", Buletinul științific al U.P.B., Seria C Inginerie Electrică și Știința Calculatoarelor, Vol. 61, No.3-4, 1999, București, pp.225-233, ISSN 1454-234X
- Ris34. **Ov. Grigore**, "An incremental motion tracking controller for on board directly platform", Revue Roumaine des Science Techniques, serie Electrotechnique et Energetique, Ed. Academiei Romane, vol. 44, 3, 2000, pp. 35 – 43, ISSN 0035-4066

Vis - Volumele unor manifestări științifice internaționale recunoscute, organizate în țară și străinătate, indexate ISI Thomson Reuters sau indexate în alte Baze de Date Internaționale - BDI specifice domeniului, care fac un proces de selecție a publicațiilor pe baza unor criterii de performanță

- Vis1. B.F. Florea, **Ov. Grigore**, M. Datcu, "Ant Based Exploration Algorithms - A Brief Survey", Proc. 9th International Symposium on Advanced Topics in Electrical Engineering (ATEE), Bucharest, Romania, 2015, pp. 889-892, ISBN:978-1-4799-7514-3, DOI:10.1109/ATEE.2015.7133927, WOS:000368159800164, Web of Science Categories:Engineering, Electrical & Electronic
- Vis2. I. V. Bornoiu, R. Strungaru, **Ov. Grigore**, "Intelligent System for Emotion Recognition Based on Electrodermal Activity Processing", Proc. 6th European Conference of the International-Federation-for-Medical-and-Biological-Engineering (MBEC), Dubrovnik, Croatia, Sept. 07-11, 2014, Vol. 45, pp. 70-73, ISBN:978-3-319-11127-8, DOI:10.1007/978-3-319-11128-5_18, WOS:000349454200018, Web of Science Categories:Engineering, Biomedical; Medical Informatics; Neurosciences
- Vis3. I.V. Bornoiu, **Ov. Grigore**, "A Study About Feature Extraction for Stress Detection", Proc. 8th International Symposium on Advanced Topics in Electrical Engineering (ATEE 2013), Bucharest, Romania, May 23-25, 2013, pp. 1-4, ISBN:978-1-4673-5980-1, DOI:10.1109/ATEE.2013.6563421, WOS:000332928500075, Web of Science Categories:Engineering, Electrical & Electronic
- Vis4. M. Popa, **Ov. Grigore**, V. Velican, "Computer Assisted Auditory-Verbal Education", Proc. International Conference on Psychology and the Realities of the Contemporary World (PSIWORLD), Book Series: Procedia Social and Behavioral Sciences, Vol. 78, pp. 95-99, 2013, ISSN: 1877-0428, DOI:10.1016/j.sbspro.2013.04.258, WOS:000324278500019, Web of Science Categories:Psychology, Multidisciplinary
- Vis5. B.F. Florea, **Ov. Grigore**, "Reading Detection Based on EEG Signal Analysis", Proc. 7th International Symposium on Advanced Topics in Electrical Engineering (ATEE 2011), May 12-14, 2011, Bucharest, ROMANIA, pp. 1-6, ISBN: 978-1-4577-0507-6, WOS:000310701200068, Web of Science Categories:Engineering, Electrical & Electronic
- Vis6. I. Safta, **Ov. Grigore**, C. Caruntu, "Emotion Detection Using Psycho-Physiological Signal Processing", Proc. 7th International Symposium on Advanced Topics in Electrical Engineering (ATEE 2011), May 12-14, 2011, Bucharest, ROMANIA, pp. 1-4, ISBN: 978-1-4577-0507-6, WOS:000310701200067, Web of Science Categories:Engineering, Electrical & Electronic
- Vis7. V. Velican, **Ov. Grigore**, "Adaptive Stimulation Algorithm used in Computer Assisted Auditory Education", Proc. 7th International Symposium on Advanced Topics in Electrical Engineering (ATEE 2011), May 12-14, 2011, Bucharest, ROMANIA, pp. 1-4, ISBN: 978-1-4577-0507-6, WOS:000310701200055, Web of Science Categories:Engineering, Electrical & Electronic
- Vis8. C. Grigore, **Ov. Grigore**, I. Stoian, A.M. Vintila, L. Dawkins, D. Isacoff, I. Bruckner, "Oxidative Stress and Vascular Inflammation in Post-menopausal Woman with Metabolic Syndrome", Proc. World Medical Conference, 2010, Malta, pp. 178-184, ISBN:978-960-474-224-0, WOS:000290246000030, Web of Science Categories:Medicine, General & Internal; Medicine, Research & Experimental
- Vis9. I. Oliveira, **Ov. Grigore**, N. Guimarães, "Reading Detection based on Electroencephalogram Processing", Proc. WSEAS 13th international conference on

Computers, Book Series: Recent Advances in Computer Engineering, 2009, pp. 612-618, ISBN:978-960-474-099-4, WOS:000276790600095, Web of Science Categories:Computer Science, Theory & Methods; Engineering, Electrical & Electronic

- Vis10. **Ov. Grigore**, I. Gavat, C. Grigore, M. Cotescu, "Stochastic Methods Used in Adaptive Lighting Control", Proc. International Multi-Conference on Engineering and Technological Innovation (IMETI 2008), Orlando, FL, USA, Jun 29-Jul 02, 2008, pp. 68-73, ISBN:978-1-934272-52-7, WOS:000263863200014, Web of Science Categories:Computer Science, Information Systems; Communication; Computer Science
- Vis11. **Ov. Grigore**, I. Gavat, C. Grigore, M. Cotescu, "An Adaptive Lighting System Using the Simulated Annealing Algorithm", Proc. 8th WSEAS International Conference on Simulation, Modelling and Optimization, Book Series: Mathematics and Computers in Science and Engineering, 2008, pp. 142-147, ISBN:978-960-474-007-9, WOS:000262950300022, Web of Science Categories:Engineering, Multidisciplinary; Mathematics, Applied
- Vis12. **Ov. Grigore**, Oct. Grigore, "The diagnose of an actuator system overview", Proc. 7th Seminar on Neural Network Applications in Electrical Engineering (NEUREL 2004), Belgrade, Yugoslavia, Sept. 23-25, 2004, pp. 45-50, ISBN:0-7803-8547-0, DOI:10.1109/NEUREL.2004.1416530, WOS:000227357000009, Web of Science Categories:Computer Science, Artificial Intelligence; Engineering, Electrical & Electronic
- Vis13. **Ov. Grigore**, Oct. Grigore, "A 3D motion controller for a tracking platform", Proc. 5th World Multi-Conference on Systemics, Cybernetics and Informatics (SCI2001)/7th International Conference on Information Systems Analysis and Synthesis (ISAS 2001), Orlando, FL, USA, Jul 22-25, 2001, pp. 434-439, ISBN:980-07-7557-9, WOS:000175939300079, Web of Science Categories:Computer Science, Artificial Intelligence; Computer Science
- Vis14. **Ov. Grigore**, Oct. Grigore, "Reinforcement learning neural network used in a tracking system controller", Proc. 9th IEEE International Workshop on Robot and Human Interactive Communication (RO-MAN 2000), Osaka, Japan, Sept. 27-29, 2000, pp. 69-73, ISBN:0-7803-6273-X, DOI:10.1109/ROMAN.2000.892472, WOS:000166835900013, Web of Science Categories:Computer Science, Cybernetics; Robotics
- Vis15. **Ov. Grigore**, Oct. Grigore, "Reinforcement learning neural network used in control of nonlinear systems", Proc. International Conference on Industrial Technology (IEEE ICIT 2000), Goa, India, Jan. 19-22, 2000, pp. 662-665, ISBN:0-7803-5812-0, DOI:10.1109/ICIT.2000.854247, WOS:000089457000119, Web of Science Categories:Engineering, Industrial; Engineering, Electrical & Electronic
- Vis16. I. Gavat, **Ov. Grigore**, M. Zirra, O. Cula, "Fuzzy variants of hard classification rules for speech pattern recognition in Romanian language", Proc. 1997 Annual Meeting of the North-American-Fuzzy-Information-Processing-Society (NAFIPS 97), Syracuse, NY, USA, Sep. 21-24, 1997, pp. 172-176, ISBN:0-7803-4078-7, DOI:10.1109/NAFIPS.1997.624031, WOS:A1997BJ66E00031, Web of Science Categories:Computer Science, Artificial Intelligence; Computer Science, Cybernetics
- Vis17. **Ov. Grigore**, I. Gavat, M. Zirra, "Vowel recognition in Romanian language", Proc. 1997 International Semiconductor Conference (CAS 97), Sinaia, Romania, Oct. 07-11, 1997, pp. 589-592, ISBN:0-7803-3804-9, DOI:10.1109/SMICND.1997.651330, WOS:000072168800119, Web of Science Categories:Engineering, Electrical & Electronic; Materials Science, Multidisciplinary

- Vis18. **Ov. Grigore**, "The cumulative inference algorithm for regular grammars", Proc. 10th Scandinavian Conference on Image Analysis - Across the Borders: Future Directions in Image Analysis (SCIA 97), Lappeenranta, Finland, Jun. 09-11, 1997, pp. 19-26, ISBN:951-764-145-1, WOS:A1997BJ35A00004, Web of Science Categories:Computer Science, Artificial Intelligence; Computer Science, Theory & Methods
- Vis19. V. Velican, **Ov. Grigore**, C. Grigore, "Pattern recognition based method used in identifying impaired speech", Recent Researches in Applied Informatics - Proceedings of the 2nd International Conference on Applied Informatics and Computing Theory, AICT'11, 2011, pp. 190-194
- Vis20. **Ov. Grigore**, I. Gavati, M. Zirra, "Neural network vowel recognition in Romanian language", Proc. 3rd International Conference on Technical Informatics, CONTI'98, Oct. 29-30, 1998, Timisoara, Romania, pp. 165-172.
- Vis21. BF. Florea, **Ov. Grigore**, M. Datcu, "Pheromone averaging exploration algorithm", Proc. International Conference on Advanced Robotics (ICAR 2015), July 27-31, 2015, Istanbul, Turkey, pp. 617 - 622 , DOI:10.1109/ICAR.2015.7251520
- Vis22. **Ov. Grigore**, I. Gavati, "Speech Processing Applications in Auditory-Verbal Education", Proc. SISOM & ACOUSTICS 2014, May 22-23, 2014, Bucharest, Romania, pp. 280-283
- Vis23. I. Gavati, **Ov. Grigore**, V. Velican, "Impaired speech recognition Case study: Recognition of initial 'r' consonant in rhotacism affected pronunciations", Proc. 6th Conference on Speech Technology and Human-Computer Dialogue (SpeD 2011), May 18-21, 2011, Brasov Romania, pp. 1 - 6, ISBN: 978-1-4577-0440-6, DOI:10.1109/SPED.2011.5940732
- Vis24. C. Grigore, I. Stoian, **Ov. Grigore**, L. Dawkins, D. Isacoff, I. V. Bruckner , "Melatonin Level Modification after Ramipril Treatment for Hypertension", Proc. World Medical Conference, pp. 167-171, ISBN 9781618040367.
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