

PROIECTE

Proiecte de cercetare

- 1 Proiect de cercetare, Ariton Viorel, 'FP7-SSH-2013-1 agreement no. 612870 Collaborative project; Beneficiar: Technical University Dortmund, Germania, Titlul proiectului: Inovarea Sociala – Forta motrice a schimbarii sociale, Buget total: 6.252.282,80 EUR; Durata proiectului: 4 ani, Director (UDG): Prof.dr.ing. Viorel Ariton', Proiect FP7-SSH-2013-1, pp.2014-2018, Editura 61.583,89 lei, 5 pag., 2014

MONOGRAFII ȘTIINȚIFICE ȘI CAPITOLE DE MONOGRAFIE

Carte publicată în străinătate

- 2 Ariton Viorel, Ariton Doinița, 'Neural Network Models for Abduction Problems Solving Book Series', ISSN:0302-9743, pp.52-59, DOI:10.1007/978-3-540-74819-9, Editura Springer Berlin / Heidelberg, 8 pag., 2007
- 3 Ariton Viorel, 'Softcomputing Models in the Fault Diagnosis of Conductive Flow Systems', "Computational Intelligence in Fault Diagnosis", Palade, Vasile; Bocaniala, Cosmin Danut; Jain, Lakhmi C. (Eds.), Series: Advanced Information and Knowledge Processing, Vol.XVIII, pp.231-285, Editura Springer, London, ISBN:1-84628-343-4, 55 pag., 2006
- 4 Ariton Viorel, 'Rechner Netzwerke und Telekommunikation - Unterricht', pp.1-55, Editura TEMPUS JEP 4684-93 DECOR, Darmstadt, Germania, 55 pag., 1994

Carte publicată în edituri recunoscute CNCS (CENAPOSS)

- 5 Postolache Florin, Ariton Viorel, 'Informatică economică: note de curs', pp.1-268, Editura Universitară Danubius, ISBN:978-606-533-319-2, 268 pag., 2014, Link SOCED: http://evidentacercetare.univ-danubius.ro/Surse/Set_008/33a40CombE.pdf, Link extern: http://s3.amazonaws.com/academia.edu.documents/34976237/InformaticaEconomica.pdf?AWSAccessKeyId=AKIAJ56TQJRTWSMTNPEA&Expires=1465456069&Signature=SHz3kvJn4JTZxwrlTfOzQWgpif4%3D&response-content-disposition=inline%3B%20filename%3DInformatica_economica.pdf
- 6 Ariton Viorel, Panfiloiu Gheorghe, Postolache Florin, Răileanu Alina Beatrice, 'Bazele Informaticii (curs ID sem II)', pp.1-100, Editura Universitară Danubius, ISBN:978-606-533-080-1, 100 pag., 2010

7 Ariton Viorel, Panfiloiu Gheorghe, Postolache Florin, Răileanu Alina Beatrice, 'Bazele Informaticii - format ID', pp.1-100, Editura Fundatiei Academice Danubius, ISBN:978-606-533-080-1, 100 pag., 2009

8 Ariton Viorel, Panfiloiu Gheorghe, Postolache Florin, 'Informatică Juridică - format ID', pp.1-100, Editura Fundatiei Academice Danubius, ISBN:978-606-533-127-3, 100 pag., 2009

9 Ariton Viorel, 'Bazele Informaticii - Ediție revizuită', pp.1-290, Editura Fundației Academice „Danubius”, ISBN:973-8409-33-0, 290 pag., 2007

10 Ariton Viorel, 'Sisteme Informatice cu Baze de Date', pp.1-107, Editura Europlus, ISBN:978-973-7845-3-5, 107 pag., 2007

11 Ariton Viorel, 'Comunicații și Comerț Electronic', pp.1-122, Editura Europlus, ISBN:973-7845-45-5, 122 pag., 2006

12 Ariton Viorel, 'Bazele Informaticii', pp.1-283, Editura Fundației Academice „Danubius”, ISBN:973-8409-33-0, 283 pag., 2003

13 Ariton Viorel, 'Fundamente ale Tehnologiei Informației și Comunicațiilor', pp.1-274, Editura Didactică și Pedagogică, ISBN:973-40-2322-1, 274 pag., 2003

14 Ariton Viorel, 'Informatică Juridică', pp.1-227, Editura Fundației Academice „Danubius”, ISBN:973-8409-34-9, 227 pag., 2003

15 Ariton Viorel, 'Lecții practice de utilizare a calculatoarelor', pp.1-90, Editura Fundației Academice „Danubius”, ISBN:973-8409-36-5, 90 pag., 2003

16 Ariton Viorel, 'Bazele Informaticii - note de curs pentru IDD', pp.1-133, Editura Fundației Academice „Danubius”, ISBN:973-8409-32-2, 133 pag., 2003

17 Ariton Viorel, 'Fuzzy-Neural Approaches in Automation and diagnosis', "Neural Networks and Fuzzy Systems - Romanian Reports in Physics", M. A. Popescu, E. Vasile (Eds.), Nr.1, Vol.47, pp.31-37, Editura Academiei Romane, Bucuresti, 7 pag., 1995

Carte publicată în alte edituri (cu ISBN)

18 Popescu F., Andrei V., Ariton Viorel, 'Metode Numerice aplicate în inginerie', pp.1-150, Editura Academica, Galați, ISBN:973-99885-7-3, 150 pag., 2001

19 Ariton Viorel, 'Rețele de calculatoare', pp.1-219, Editura Evrika Galati, ISBN:973-9499-99-6, 219 pag., 1999

20 Ariton Viorel, 'Prelucrarea Distribuții a Datelor', pp.1-210, Editura Evrika, Galati, ISBN:973-8052-22-X, 210 pag., 1999

21 Ariton Viorel, 'Rețele de calculatoare și interconectare', pp.1-100, Editura litografiat, Tipografia Universității "Dunărea de Jos" din Galați,, 100 pag., 1998

22 Andrei V., Popescu F., Ariton Viorel, 'Metode numerice aplicate în inginerie', pp.1-252, Editura Universitatea "Dunărea de Jos" din Galați, 252 pag., 1994

23 Safourcade S., Ariton Viorel, 'Recognition of Diplomas and Teaching Practices in the Romanian Universities', 7th International Conference on European Integration - Realities and Perspectives Danubius University, pp.1-8, 2012, Link SOCED:
http://evidentacercetare.univ-danubius.ro/Surse/Set_008/15lp9Hmj81.pdf

24 Ariton Viorel, Ariton Doinița, 'Creative means and Creative Industries fostered by ICT', The 4th International Conference on European Integration, Realities and Perspectives, 15-16 May 2009, Galati, Romania, Danubius University of Galati, pp.1-5, 2009

25 Ariton Viorel, 'Combined Deep and Shallow Knowledge in a Unified Model for Diagnosis by Abduction', International conference European Integration – realities and perspectives, Galati, pp.1-5, 2007

26 Ariton Viorel, 'A comparative analysis on demand of ICT profiles in EUQuaSIT countries', International conference European Integration – realities and perspectives, 5-6 May, Galati, Romania, pp.24-31, 2006

27 Ariton Viorel, 'Noua Economie și calificarea în Informatică', Simpozionul Jubiliar al Universității "Danubius" din Galați, pp.1-5, 2001

Lucrare științifică prezentată la conferință internațională desfășurată în străinătate și publicată în volum indexat ISI Proceedings

28 Ariton Doinița, Sirbu Carmen Gabriela, Răileanu Alina Beatrice, Nuță Florian Marcel, Ariton Viorel, Nuță Alina Cristina, 'Model for developing programs of study built on standards of preparation and professional training based on competences', 6th International Seminar, Quality Management in Higher Education, Vol.1, pp.1-5, ISBN:978-978-662-566-4, 2010, Link extern: <http://www.isiwebofknowledge.com>
http://www.sgem.org/index_eng.php
http://apps.webofknowledge.com.ux4ll8xu6v.useaccesscontrol.com/full_record.do?produ

29 Postolache Florin, Ariton Viorel, Tureac Cornelia, Filip Alin, 'Loading and Dynamic Allocation Mathematical Method of Complex System Resources', 15th IBIMA Conference Proceeding on Knowledge Management and Innovation: A Business Competitive Edge Perspective, American University in Cairo, Egypt, pp.1420-1430, ISBN:978-0-9821489-4-5, 2010

30 Ariton Viorel, Ariton Doinița, 'Neural Network Models for Abduction Problems Solving', Lecture Notes in Computer Science (LNCS), Vol.4692, ISSN:0302-9743, pp.52-59, DOI:10.1007/11893004, ISBN:978-3-540-74817-5, 2007, Link SOCED: http://evidentacercetare.univ-danubius.ro/Surse/Set_008/02Lbhn1zoC.pdf

31 Ariton Viorel, 'Semi-qualitative Encoding of Manifestations at Faults in Conductive Flow Systems', Lecture Notes in Computer Science (LNCS), Vol.4252, ISSN:0302-9743, pp.569-578, DOI:10.1007/11893004, 2006, Link SOCED: http://evidentacercetare.univ-danubius.ro/Surse/Set_008/nwS1Xd8Tub.pdf, Link extern: https://www.researchgate.net/profile/Viorel_Ariton/publication/221018891_Semi-qualitative_Encoding_of_Manifestations_at_Faults_in_Conductive_Flow_Systems/links/54dc545e0cf2a7769d95c66f.pdf

32 Ariton Viorel, 'Handling Qualitative Aspects of Human Knowledge in Diagnosis', "Knowledge Based Intelligent Information and Engineering Systems", M.G. Negoita, R.J. Howlett, L. C. Jain (Eds), ISSN:0302-9743, pp.382-390, factor de impact:.513, Editura Springer-Verlag, Berlin, 9 pag., 2004

33 Ariton Viorel, 'Deep and shallow knowledge in fault diagnosis', Lecture Notes in Computer Science LNCS 2773, Palade V. Howlett R. J., Lakhmi J. (Eds), ISSN:0302-9743, pp.748-755, factor de impact:.515, Editura Springer-Verlag, Berlin, 8 pag., 2003, Link SOCED: http://evidentacercetare.univ-danubius.ro/Surse/Set_008/V2tEsoUxel.pdf

Lucrare științifică prezentată la conferință internațională desfășurată în străinătate

34 Ariton Doinița, Ariton Viorel, 'Study and contributions to drivers/barriers and the future role of social innovation in Education', FP7 SI-Drive project WP4 Workshop, Dortmund, Germania, pp.1-5, 2015

35 Ariton Viorel, 'Study and contributions to drivers/barriers and the future role of social innovation in Environment/Climate Change', FP7 SI-Drive project WP6 Workshop, Vienna, Austria, pp.1-5, 2015

36 Postolache Florin, Pușcă Corneliu Andy, Ariton Viorel, 'Sakai CLE, An Effective Way to Bring Technology Into the „Classroom”', Proceedings of INTED 2011 - „International Technology, Education and Development Conference, pp.1-22, 2011, Link SOCED: http://evidentacercetare.univ-danubius.ro/Surse/Set_006/uv8zPpr02E.pdf

37 Ariton Viorel, Bumbaru Severin, Postolache Florin, 'Controversial issues on the adult learning and some related aspects of existing learning tools', ICL2010, "13th International Conference on Interactive Computer, Hasselt, Belgium aided Learning" - International Association of Online Engineering (IAOE), pp.1193-1200, 2010

- 38 Ariton Viorel, Ariton Doinița, 'Automated Fault Diagnosis of CFSs as potential PDMS Life Cycle component', InfoDaBlas 2010 joined with AVEVA Meeting, Budapesta, pp.1-5, 2010
-
- 39 Ariton Doinița, Sîrbu Carmen Gabriela, Răileanu Alina Beatrice, Nuță Florian Marcel, Ariton Viorel, Nuță Alina Cristina, 'Model Based On Standards Of Competence Training Standards And Training For Program Study Elaboration', Proceedings al 6th International Seminar on the Quality Management in Higher Education, Vol.1, pp.1-6, ISBN:978-978-662-566-4, 2010
- 40 Ariton Doinița, Ariton Viorel, 'ICT Education Faces New Requirements of ICT Practitioners', 5th International Conference on Interdisciplinarity in Education ICIE'10, New Higher Education Programs & Jointly 4th International Steering Committee Meeting, June 17-19, 2010, Tallinn, Estonia, pp.146-150, ISBN:978-960-89028-9-3, 2010
-
- 41 Postolache Florin, Bumbaru Severin, Ariton Viorel, 'Knowledge acquisition and structuring for diagnosis in complex virtual systems', International Conference Advances In Engineering And Management, pp.1-4, 2010, Link SOCED: http://evidentacercetare.univ-danubius.ro/Surse/Set_008/2dFV1vCOd3.pdf, Link extern: https://www.researchgate.net/profile/Viorel_Ariton/publication/239667970_Humanlike_fault_diagnosis_using_a_neural_network_implementation_of_plausibility_and_relevance/links/54dh32c30cf233119bc5702a.pdf
- 42 Ariton Viorel, Ariton Doinița, 'University and its Role in the Community', Ecole d'ete UNISO 2009, "L'insertion professionnelle des etudiants", 19-21 of July 2009, Amiens, France, Universite de Picardie Jules Verne, pp.1-5, 2009
-
- 43 Ariton Doinița, Bleoju G., Ariton Viorel, 'Success Factors of University Performance: Evaluation Systems, Steps of Trust Building and Recognition', UNISO 2007, Versailles 09,10,11 et 12 juillet 2007, La formation tout au long de la vie et les certifications professionnelles dans l'enseignement supérieur, pp.1-5, 2007
- 44 Petac E., Ariton Viorel, Petac D., Pușcă Corneliu Andy, Tomescu Silvia, 'Questionnaires and outcomes on ICT qualifications in Romanian ICT and non-ICT companies', leonardo da Vinci EUQuaSIT project, meeting in Prague, Czech Republic, 2003
-
- 45 Ariton Doinița, Ariton Viorel, 'The asymmetries of Information Society', "Cambridge Conference on Structural reform and the Transformation of Businesses and Organizations", Homerton College, Cambridge 3rd – 6th Sept., 2003, pp.1-5, 2003

- 46 Ariton Doinița, Ariton Viorel, Moga L., Buhociu Florin, Ioan V., Păun F., Nuță Florian Marcel, Eni C., Nicolau Mihaela, Bărbuță-Mișu Nicoleta, 'The asymmetries of Information Society', Conference on Structural Reform and the Transformation of Organisations and Businesses, 3 – 6 Septembrie 2003, Homerton College, Cambridge, Ashcroft International Business School, pp.1-10, 2003
-
- 47 Ariton Viorel, Baci C., 'Knowledge Elicitation And Case Tool For Fault Diagnosis In Multifunctional Conductive Flow Systems', 5th World Multiconference on Systemics, Cybernetics and Informatics (SCI2002), Electronics, Informatics and Control Systems – Invited Session, Organizer: Marin Bica, Romania, Vol.XXII, pp.1-5, 2002
- 48 Ariton Viorel, 'ICT qualifications and ICT professionals', Informational and Communication Technology Conference of the Black Sea City-Ports from Balkan Region, Istanbul, Izmit – InfoBlas2002, pp.120-128, 2002
-
- 49 Ariton Viorel, 'Nouvelles qualifications professionnelles et directions dans les technologies des informations pour la réalisation d'un enseignement moderne', 6e Biennale de l'éducation et de la formation, organisée par l'ARIEF et l'INRP, Paris 2002, pp.1-5, 2002
- 50 Ariton Viorel, Palade V., 'A Fuzzy-Neuro Approach on Fault Isolation in Conductive Flow Systems', World Multiconference on Systemics, Cybernetics and Informatics SCI2001, July 22-25, 2001, Orlando, Florida, USA, pp.562-567, 2001
-
- 51 Ariton Viorel, Ariton Doinița, 'A General Approach for Diagnostic Problems Solving by Abduction', 4th IFAC Symposium on Fault Detection Supervision and Safety, Budapest, 14-16. June 2000, Vol.2, pp.446-451, Editura Oxford, UK ; New York, ISBN:0-80-043250-6, 6 pag., 2000
- 52 Ariton Viorel, Negoită M., Bumbaru Severin, 'A fuzzy-neuro architecture for modular fault isolation on complex systems in industry', ICONIP'99, Perth, Australia, pp.765-770, 1999, Link SOCED: http://evidentacercetare.univ-danubius.ro/Surse/Set_008/0qd7H6Nt34.pdf
-
- 53 Palade V., Ariton Viorel, Negoită M., 'Genetic algorithm optimization of knowledge extraction from neural networks', ICONIP'99, Perth, Australia, pp.752-758, 1999, Link SOCED: http://evidentacercetare.univ-danubius.ro/Surse/Set_008/OP1v630o75.pdf

54 Ariton Viorel, Palade V., Popescu F., 'Cased-based fault detection - a method for parallel processing', IFAC - Workshop MIM '97, Vienna, pp.485-490, 1997

55 Negoită M., Ariton Viorel, Făgărașanu F., Agapie A., 'The fusion of Fuzzy Logic and Neural Networks - applications in fault diagnosis systems', FSTA- 2nd International Conference on Fuzzy Sets Theory and its Applications, Liptowski Mikulas, The Slovak Rep., pp.37-38, 1994

Lucrare științifică prezentată la conferință internațională desfășurată în țară

56 Bălău Mădălina, Bălău B., Ariton Viorel, 'The impact of e-commerce technologies on the competitiveness SMSs', International Workshop „Performance and risk of SMSs in regional and global context, pp.1-5, 2009

57 Ariton Viorel, Ariton Doinița, 'Numerical-Logical Processing in Neural Networks for the Decision Support', 3rd International Workshop on Soft Computing Applications, SOFA2009, Szeged (Hungary)-Arad (Romania), pp.241-246, ISBN:978-1-4244-5054-1, 2009, Link SOCED: http://evidentacercetare.univ-danubius.ro/Surse/Set_008/izmtKEfr6d.pdf

58 Danilescu Marcel, Ariton Viorel, Danilescu Laura, 'Waste management using a multilevel distributed system and data mining', Conferința internațională “Knowledge Management” București 2008, publicat în revista “Informatica Economică”, Nr.4, Vol.XII, ISSN:1453-1305, pp.69-73, 2008, Link SOCED: http://evidentacercetare.univ-danubius.ro/Surse/Set_007/Yz6o5Tn3hr.pdf

59 Danilescu Marcel, Ariton Viorel, 'Waste E-Administration Using A Multilevel Distributed System And Business Intelligence', Proceedings of 9-th European Conference E-COMM-LINE 2008, pp.1-5, ISBN:973-1704-11-6, 2008

60 Ariton Viorel, Ionescu Romeo Victor, 'Creative Industries Fostered by the Virtual Space on the Internet', “Role of ICT on local regional sustainable development (Euro_Coop_Develop) International Conference”, Galați, pp.1-5, 2007

61 Ariton Viorel, Ariton Doinița, 'Business Intelligence and the Information Society', International Conference “Trends in Information Society Technologies”, Galati, pp.223-229, 2006

- 62 Ariton Viorel, 'Comparison and evaluation of ICT qualifications in Europe', "Workshop on European ICT Qualifications", within the "International Conference on Computers and Communications" ICCC 2004, 27-29 May 2004, Oradea / Baile Felix Spa, Romania, pp.1-5, 2004
-
- 63 Ariton Viorel, Petac E., Petac D., Pușcă Corneliu Andy, Tomescu Silvia, 'Case Studies and Expert Interviews in Romanian Companies', Leonardo da Vinci EUQuaSIT project, meeting in Galati, Romania, 2003
- 64 Ariton Viorel, 'Rapid Prototyping of Diagnosis Applications for Multifunctional Conductive Flow Systems', CONTI 2002 - 5th Intl. Conference on Technical Informatics, 18-19 October, Timișoara, Romania; publicată în Buletinul Științific al Universității „Politehnica” Timișoara, Nr.61, Vol.47, ISSN:1224-600X, pp.83-88, 2002
-
- 65 Ariton Viorel, 'ICT Education in Romania – facts and trends', Conference on Qualification and Training in Information and Communication Technologies (QTICT'02) – international participants, Galati, Romania, pp.67-80, 2002, Link SOCED: http://evidentacercetare.univ-danubius.ro/Surse/Set_008/Rs2mXRvtT6.pdf
- 66 Petac E., Ariton Viorel, Pușcă Corneliu Andy, Tomescu Silvia, 'Statistics of Information and Communications Technology in Romania', Leonardo da Vinci EUQuaSIT project, meeting in Constanța, Romania, 2001
-
- 67 Ariton Viorel, 'Abstraction Levels for the Fault Isolation in Multifunctional Conductive Flow Systems', 9th IFAC/IFORS/IMACS/IFIP/ Symposium on Large Scale Systems: Theory and Applications, București, pp.386-391, 2001
- 68 Ariton Viorel, Bumbaru Severin, 'Fault Diagnosis in Conductive Flow Systems using Productive Neural Networks', 12th International Conference on Control Systems and Computer Science CSCS12, București, pp.125-130, 1999
-
- 69 Ariton Doinița, Ariton Viorel, 'Fuzzy logic applications in enterprise valuation using the flow-cache method', The 4-th Intl. Colloquy - The Risk in Contemporary Economy, pp.145-149, 1997

- 70 Ariton Viorel, Bumbaru Severin, 'Case Based Neuro-Fuzzy Diagnosis Of An Industrial System', Simpozionul International de Informatica CONTI '96, Timisoara, pp.155-160, 1996
-
- 71 Ariton Viorel, Ștefănescu D., 'Modele de flux multinivel utilizate in diagnoza industrială', Simpozion de Informatica, Univ. "Dunarea de Jos" din Galati, 25-27 apr. 1996, pp.1-5, 1996
-
- 72 Ștefănescu D., Bumbaru Severin, Ariton Viorel, 'Hybrid Systems for Assisted Learning', 9-th Symposium on Modelling Simulation and Identification Systems - SIMSIS 9, pp.372-381, 1996
-
- 73 Ariton Viorel, Bumbaru Severin, Mihalcea R.I., 'A fuzzy-neuro approach for computer assisted fault diagnosis of an industrial hydraulic system', 3rd.IFAC Workshop, Intelligent Manufacturing Systems IMS'95, oct.,1995, Bucuresti, pp.427-432, 1995
-
- 74 Ariton Viorel, 'A formal procedure for fuzzy simulation of purposeful systems aiming the fault diagnosis', Al 8-lea Simpozion Național de Modelare, Simulare si Identificare a Sistemelor - SIMSIS 8, oct. 1994, pp.120-125, 1994
-
- 75 Negoită M., Ariton Viorel, 'Fuzzy Neuro Approaches and Applications', "IEEE International Conference on Automation and Industrial Informatics" OPTIM '94, Brașov, Romania, pp.335-340, 1994
-
- 76 Bumbaru Severin, Negoită M., Ariton Viorel, 'Applications of the Development System Fuzzy Control Manager', Conferința Jubiliară a Universității "Dunărea de Jos" din Galați, 1993, pp.223-230, 1993
-
- 77 Andrei V., Ariton Viorel, Popescu F., 'Model hidrodinamic si program pentru determinarea câmpului de viteze și presiuni în jurul carenei unei nave', SIMSIS 7, Galați, pp.535-540, 1992

78 Ceangă E., Ariton Viorel, 'Determinarea gradului de uzura a utilajelor prin metoda analizei spectrului de vibrații', Sesiunea de comunicări a Comisiei de Informatică a C.A.E.R., București, pp.352-357, 1985

79 Ariton Viorel, Icriverzi N., 'Interfața standard RS232 pentru calculatoare de 24 biți', Sesiunea de comunicări tehnico-științifice a tinerilor metalurgiști, Galați, pp.1-5, 1980

ARTICOLE ȘTIINȚIFICE

Articol în revistă cu referenți și colective editoriale internaționale (revistă indexată BDI și/sau B+)

80 Postolache Florin, Ariton Viorel, Tache Florentina Loredana, Năchilă Cătălin, Filip Alin, 'Intelligent Agents in Knowledge Acquisition and Structuring for the Fault Diagnosis of Virtualized Systems', Acta Universitatis Danubius. Oeconomica, Nr.3, Vol.6, ISSN:2065-0175, pp.141-161, factor de impact REPEC:.065, 2010, Link SOCED: http://evidentacercetare.univ-danubius.ro/Surse/Set_002/1ZQHIA0Ba4.pdf, Link extern: <http://journals.univ-danubius.ro/index.php/oeconomica/article/view/706/646>

81 Postolache Florin, Bumbaru Severin, Ariton Viorel, 'Complex systems virtualization in the current's economical context', Euroeconomica, Nr.3, Vol.26, ISSN:1582-8859, pp.29-50, factor de impact REPEC:.07, 2010, Link SOCED: http://evidentacercetare.univ-danubius.ro/Surse/Set_004/ltJ6jr1oHJ.pdf, Link extern: <http://journals.univ-danubius.ro/index.php/euroeconomica/article/view/714/651>

82 Postolache Florin, Ariton Viorel, Tache Florentina Loredana, Năchilă Cătălin, Filip Alin, 'INTELLIGENT AGENTS IN KNOWLEDGE ACQUISITION AND STRUCTURING FOR VIRTUAL SYSTEMS DIAGNOSIS', Acta Universitatis Danubius. Oeconomica, Nr.3, ISSN:2065-0175, pp.140-160, factor de impact REPEC:.065, 2010, Link extern: <http://journals.univ-danubius.ro/index.php/oeconomica/article/view/706>

83 Toma Viorica, Ariton Viorel, 'Aspects of the Intellectual Capital of the Company in the Information Technology Era', Euroeconomica, Nr.2, Vol.23, ISSN:1582-8859, pp.93-99, factor de impact REPEC:.07, 2009, Link SOCED: http://evidentacercetare.univ-danubius.ro/Surse/Set_004/316jglMba2.pdf, Link extern: <http://journals.univ-danubius.ro/index.php/euroeconomica/article/view/259/242>

84 Ariton Viorel, Palade Vasile, Postolache Florin, 'COMBINED DEEP AND SHALLOW KNOWLEDGE IN A UNIFIED MODEL FOR DIAGNOSIS BY ABDUCTION', Euroeconomica, Nr.1, Vol.20, ISSN:1582-8859, pp.33-42, factor de impact REPEC:.07, 2008, Link SOCED: http://evidentacercetare.univ-danubius.ro/Surse/Set_004/C8D68BI4FO.pdf, Link extern: <http://journals.univ-danubius.ro/index.php/euroeconomica/article/view/297/280>

85 Petersen Willi, Ariton Viorel, 'A COMPARATIVE ANALYSIS ON DEMAND OF ICT PROFILES IN EUQUASIT COUNTRIES', Euroeconomica, Nr.2, Vol.19, ISSN:1582-8859, pp.5-16, factor de impact REPEC:.07, 2007, Link SOCED: http://evidentacercetare.univ-danubius.ro/Surse/Set_004/WG5En1v2a9.pdf, Link extern: <http://journals.univ-danubius.ro/index.php/euroeconomica/article/view/304/287>

86 Ariton Viorel, Postolache Florin, 'THE DIAGNOSIS BY ABDUCTION USING HUMAN EXPERT KNOWLEDGE', Acta Universitatis Danubius. Oeconomica, Nr.1, Vol.2, ISSN:2065-0175, pp.161-178, factor de impact REPEC:.065, 2006, Link SOCED: http://evidentacercetare.univ-danubius.ro/Surse/Set_002/THQ545z8uK.pdf, Link extern: <http://journals.univ-danubius.ro/index.php/oeconomica/article/view/36/33>

87 Ariton Viorel, 'QUALIFICATION STRATEGIES IN ICT FOR EUROPE AND ROMANIA', Acta Universitatis Danubius. Oeconomica, Nr.1, Vol.1, ISSN:2065-0175, pp.19-32, factor de impact REPEC:.065, 2005, Link SOCED: http://evidentacercetare.univ-danubius.ro/Surse/Set_002/92TR7WiQky.pdf, Link extern: <http://journals.univ-danubius.ro/index.php/oeconomica/article/view/13/10>

Articol în revistă cotate ISI cu factor de impact

88 Ariton Viorel, 'Handling Qualitative Aspects of Human Knowledge in Diagnosis', Journal of Intelligent Manufacturing, Nr.6, Vol.16, pp.615-634, DOI:10.1007/s10845-005-4366-y, factor de impact:.403, Editura KLUWER ACADEMIC PUBLISHERS, 20 pag., 2005, Link SOCED: http://evidentacercetare.univ-danubius.ro/Surse/Set_008/l84q1gJQQ.pdf

89 Ariton Viorel, Palade V., 'Human-Like Fault Diagnosis Using a Neural Network Implementation of Plausibility and Relevance', Neural Computing and Applications Journal, Nr.2, Vol.14, ISSN:0941-0643, pp.149-165, factor de impact:.403, Editura Springer-Verlag London, UK, 17 pag., 2005, Link SOCED: http://evidentacercetare.univ-danubius.ro/Surse/Set_008/q2F2RtFV4d.pdf, Link extern: <http://www.springerlink.com/index/10.1007/s00521-004-0449-5>

Articol în alte reviste de specialitate din țară

90 Ariton Viorel, Ariton Doinița, 'Strategii de calificare în Informatică pentru «Noua Economie» în România', Analele Universității Danubius din Galați, Vol.I, pp.123-128, ISBN:973-85587-8-6, 2001

91 Ariton Viorel, Bumbaru Severin, Palade V., 'Bond Graphs and the semi-qualitative encoding of the faulty behavior in Conductive Flow Systems', The Annals of "Dunarea de Jos" University of Galați, pp.61-66, 1999

92 Ariton Viorel, Mazilescu V., Palade V., 'Elicitation Aspects On Fault Diagnosis Of Multifunctional Conductive Flow Systems', The Annals of "Dunarea de Jos" University of Galați, pp.55-60, 1999

93 Palade V., Ariton Viorel, Pușcașu G., 'On fuzzy rule acquiring using fuzzy neural networks', *Analele Universității „Dunărea de Jos” din Galați*, Fascicula III, ISSN:1221-454X, pp.116-120, 1998

94 Palade V., Ariton Viorel, Pușcașu G., 'A hierarchical approach for mapping neural networks into fuzzy rules', *The Annals of "Dunarea de Jos" University of Galati*, Fasc. III, pp.1-5, 1997

95 Ariton Viorel, Palade V., Segal C., 'Aspects on Human Approximate Fault Diagnosis Modelling', *The Annals of "Dunarea De Jos" University of Galati* Fascicle III, pp.79-84, 1996

96 Palade V., Ariton Viorel, Segal C., 'Use of Genetic Algorithms for tuning fuzzy models', *The Annals of "Dunarea de Jos" University of Galati*, Fascicle III, pp.63-69, 1996

97 Tudorie C., Ariton Viorel, Mazilescu V., 'Intelligent Diagnosis Finish, The Decision And Conversation In A Hybrid Diagnosis', *The Annals of "Dunarea De Jos" University from Galati*, Fascicle III, pp.85-88, 1996

98 Palade V., Bumbaru Severin, Ariton Viorel, 'Mapping Neural Networks Into Fuzzy Systems', *The Annals of "Dunarea de Jos" University of Galati*, Fascicle III, pp.35-40, 1995

99 Ariton Viorel, Palade V., 'An analysing procedure for industrial diagnosis based on fuzzy means-end models', *Annals of "Dunarea de Jos" Univ.*, Vol.3, pp.56-61, 1994

100 Andrei V., Ariton Viorel, Popescu F., 'Hydrodynamic problem and computer program for determining the fluid velocities and pressures fields around a given hull', *The Annals of "Dunarea de Jos" University from Galati*. Fasc. II, Nr.14, Vol.IX, pp.11-16, 1991