

## Lucrări Publicate în Reviste

### a. Lucrări publicate în reviste indexate ISI

Nr	Titlul lucrării	Autorii lucrării	Denumire revista, an, paginile de început si sfârșit
1.	Distributed Neural Networks – Microcontroller Implementation and Applications	I. Susnea	In press, to appear in Studies in Informatics and Control, Sept, 2012, ISSN: 1220-1760
2.	On Using Passive RFID to Control Robots for Path Following	I. Susnea, G. Vasiliu	Studies in Informatics and Control, in Vol 20, Issue 2, 2011 pp: 157-162, ISSN: 1220-1760 Impact factor: 0.578
3.	Special Cases of Relative Object Qualification: Using the AMONG Operator	Tudorie C.	LNCS -LNAI: Studies in Computational Intelligence 217, ISSN: 1860-949X, ISBN 978-3-642-01884-8, Springer Verlag , pp. 181-191
4.	Virtual Pheromones for Real-Time Control of Autonomous Mobile Robots	I. Susnea, G. Vasiliu, A. Filipescu, A. Radaschin	Studies in Informatics and Control, Volume: 18, Issue: 3 (2009), ISSN: 1220-1766, pp. 233-240
5.	A framework for conceptually modeling the domain knowledge of an instructional system	E. Pecheanu, L. Dumitriu, D. Stefanescu, C. Segal	Lecture Notes in Computer Science Volume 3991, ISSN 0302-9743, 2006, 324 – 330
6.	A Hybrid Feature Selection Algorithm for the QSAR Problem	M. V. Crăciun, A. Cocu, L. Dumitriu, C. Segal	Lecture Notes in Computer Science, Springer Volume 3991, ISSN 0302-9743, 2006, pp. 172 – 178
7.	A Hybrid Feature Selection Algorithm for the QSAR Problem	M. V. Crăciun, A. Cocu, L. Dumitriu, C. Segal	Lecture Notes in Computer Science, Springer Volume 3991, ISSN 0302-9743, 2006, pp. 172 – 178
8.	Content modelling in intelligent instructional environment	Pecheanu E, Dumitriu L, Segal C	Lecture Notes in Artificial Intelligence vol. 2774 Springer- Verlag, Part II, pp 1229-1234, , ISSN 0302-9743 2.,2003
9.	A Study of Aquatic Toxicity Using Artificial Neural Networks	Craciun M., Neagu D., Konig C., Bumbaru S.	Lecture Notes in Artificial Intelligence vol. 2774 Springer- Verlag, Part II, pp 911-918, , ISSN 0302-9743 2.,2003
10.	Adaptive Learning Scenarios in Intelligent Instructional Environment	Pecheanu E., Dumitriu L., Segal. C.	Lecture Notes in Artificial Intelligence vol. 2774 Springer- Verlag, Part II, pp 1223-1228, , ISSN 0302-9743 2.,2003
11.	Domain Knowledge Modelling for Intelligent Instructional Systems	Pecheanu E, Dumitriu L, Segal C,	Lecture Notes in Computer Science no. 3038, Ed. Springer- Verlag, ISSN 0302-9743, pp 497-504, 2004
12.	Professor : e - An IMS standard based adaptive e-learning platform	Segal C., Dumitriu L	Lecture Notes In Computer Science Volume: 3038 Pages: 560-566 Published: 2004
13.	Multiclass classifier from a combination of local experts: Toward distributed computation for real-problem classifiers	Konig C, Gini G, Craciun M, Benfenati A.	International Journal of Pattern Recognition and Artificial Intelligence volume: 18 issue: 5 pages: 801-817 published: aug 2004
14.	Combining unsupervised and supervised artificial neural networks to predict aquatic toxicity	Gini G, Craciun M, Konig C	Journal of Chemical information and Computer Sciences volume: 44 issue: 6 pages: 1897-1902 published: nov-dec 2004

## b. Lucrări publicate în reviste indexate BDI

Nr	Titlul lucrării	Autorii lucrării	Denumire revista, an, paginile de început si sfârșit
1.	On Defining and Following Robot Paths in an RFID Augmented Environment,	Ioan Susnea, G Vasiliu	System Theory, Control, and Computing (ICSTCC), 2011 15th International Conference on, 14-16 Oct. 2011, Sinaia Romania, pp. 1-5, ISBN: 978-1-4577-1173-2
2.	An ADCSP-based non-monotonic framework for medical diagnosis	S. Costache	The Annals of "Dunarea de Jos" University of Galati, Fascicle III, 2010, Vol.33 No.2, pp. 101-112 [PROQUEST-CSA] [EBSCO][DOAJ] , ISSN:1221-454X
3.	Debate software tools used as pedagogical resources	L. Beldiman, V. Ifrim, N. Jascanu, V. Jascanu	Proc of 6th Int. Scientific Conf. eLearning and Software for Education, 2010 Bucharest, RO, pp. 55-62, ISI-Web of Science+ Conference Proceedings, ISSN 2066-026X
4.	Special Cases of Relative Object Qualification: Using the AMONG Operator	C. Tudorie, D. Ștefănescu	Lecture Notes in Artificial IntelligenceSubseries of Lecture Notes in ComputerScience: Studies in Computational Intelligence 217/2009, Ed. Springer, Berlin, pp 181-191, [DBLP], ISBN: 978-3-642-01884-8
5.	Toward Emotional E-Commerce: TheCustomer Agent	N. Jascanu, V. Jascanu, S. Bumbaru	I. Lovrek, R. J. Howlett, and L. C. Jain, Eds. Lecture Notes In Artificial Intelligence, vol.5177/2009. Springer-Verlag, Berlin, pp. 202-209], [DBLP], ISBN: 978-3-530-85562-0, 2009
6.	Ranking Patents for Better SearchCapabilities	M. Vlase, D. Munteanu	The Annals of "Dunarea de Jos" University of Galati, Fascicle III, 2009, Vol.32 No.2, pp. 29- 32[PROQUEST-CSA][EBSCO][DOAJ] , ISSN:1221-454X
7.	Learning the Structure of BayesianNetworks From Small Amount of Data	A. Cocu, M. V. Crăciun, B. Cocu	The Annals of "Dunarea de Jos" University of Galati, Fascicle III, 2009, Vol.32 No.2, pp. 12- 16[PROQUEST-CSA][EBSCO][DOAJ] , ISSN:1221-454X
8.	On Modeling Instructional Content inComputer Assisted Learning	E. Pecheanu, D. Stefanescu, A. Istrate	The Annals of "Dunarea de Jos" University of Galati, Fascicle III, 2009, Vol.32 No.2, pp. 21- 24 [DOAJ] , ISSN:1221-454X
9.	Intelligent Interfaces for DatabaseFuzzy Querying	C. Tudorie	The Annals of "Dunarea de Jos" University of Galati, Fascicle III, 2009, Vol.32 No.2, pp. 33- 37[PROQUEST-SA][EBSCO][DOAJ] ISSN:1221-454X
10.	Major Approaches to Medical Diagnosis and their Drawbacks	S. Munteanu- Costache	The Annals of "Dunarea de Jos" University of Galati, Fascicle III, 2009, Vol.32 No.2, pp. 5- 11 [DOAJ] , ISSN:1221-454X
11.	Selection of the diagnostic hypotheses through fuzzy decision in a medical diagnosis system	I. Șușnea,A. Filipescu, A. Filipescu, G. Coman	Petroleum-Gas University of Ploiesti Bulletin, Tehnical Series, Vol LXI, no.3/2009, pp. 117- 126 [Ulrich's][EBSCO][DOAJ] , ISSN:1224-6832
12.	Virtual Pheromones to Control MobileRobots . A Neural Network Approach	I. Șușnea,A. Filipescu, A. Șerbencu, A. Radaschin	Proceedings of the IEEE InternationalConference on Automation and Logistics, China, t 2009, pp. 1962-1967[ISI-Web of Science+ Conf.Proceedings], ISBN: 978-1-4244-4795-4/09
13.	Virtual Pheromones and Neural Networks based Wheeled Mobile Robot Control	I. Șușnea, A. Filipescu, V. Minzu, G. Vasiliu	Proc. of the 13 Int. Conf. Systems WSEAS CSCC Published by WSEAS Press, Rodos, Greece, 2009, pp.511-516[ISI-Web of Science+ Conf. Proceedings], ISSN: 1790-2769
14.	B-spline reduced order models of the multidimensional fields	I. Lixandru,V. Marinescu, M. V. Craciun, et al.	WSEAS Int. Conf. on Mathematical Methods, Ccomputational Techniques and lintelligent Systems, , 2009, Spain, pp. 224-228[ISI-Web of Science+ Conf.Proc.], ISBN: 978-960-474-094-9

15.	Path Following Problem for PatrolBot Solved with Fuzzy Control	A. Şerbencu, D Cernega, A. E.Şerbencu, I. Şuşnea	Proc. of the IEEE International Conference on Automation and Logistics, Shenyang, China August 2009, pp 2005-2010 [ISI-Web of Science+ Conf.Proceedings], ISBN: 978-1-4244-4795-4/09
16.	A Hybrid Approach for DataPreprocessing in the QSAR Problem	A. Cocu, L. Dumitriu, M. Craciun, C. Segal	I. Lovrek, R. J. Howlett, and L. C. Jain, Eds. Lecture Notes in Computer Science (LNCS- LNAI), vol. 5177, Ed. Springer, Berlin, pp. 565-572, [DBLP], ISBN: 978-3-530-85562-0, 2008
17.	Pre-Processing Aspects for ComplexityReduction of the QSAR Problem	L. Dumitriu, C. Segal, M.V. Craciun, A. Cocu	4th International IEEE Conference "Intelligent Systems" (IS), Bulgaria, pp 17-12 17-16, [ISI- Web of Science+ Conference Proceedings], ISBN: 978-1-4244-1740-7, 2008
18.	Pre-processing Techniques for theQSAR Problem	L. Dumitriu, M.V. Craciun, A. Cocu, C. Segal	New Trends in Multimedia and Network Information Systems, pp 107-114, Ed. IOS Press [Scopus], ISBN: 978-1-58603-904-2, ISSN: 0922-6389, 2008
19.	Development of Multi-output Neural Networks for Data Integration - A Case Study	P.R. Trundle, D. Neagu, M. Craciun, Q. Chaudhry	Innovations in Hybrid Intelligent Systems. Advances in Soft Computing, Vol. 44 , pp. 80-87 , [DBLP], ISBN: 978-3-540-74971-4, ISBN:978-3-540-74971-4, 2008
20.	Algorithm for Modeling the Thermo- Mechanical Field Dynamics, Based on B-Spline Functions, with Application to Machining System	I. Lixandru, AL. Epureanu, G. Frumuşanu, M.V. Crăciun	The Annals of "Dunărea de Jos" University of Galaţi, Tehnologies in Machine Building . Reconfigurable Manufacturing Systems. Thematic Series , pp. 43-48, [CSA Engineering Research Database], ISSN:1221-4566, 2008
21.	Emotionally based multi-agent e-commerce platform	N. Jascanu	International Conference on Autonomous Agents. International Foundation for Autonomous Agents and Multiagent Systems, Richland, SC, pp 1738-1739, [DBLP] , 2008
22.	Learning Bayesian Dependence Model for Student Modelling	A. Cocu	The Annals of "Dunarea de Jos" University of Galati, Fascicle III, 2008, Vol.31 No.2, pp. 26- 30, ISSN: 1221-454X, 2008
23.	Selection of the diagnostic hypotheses through fuzzy decision in a medical diagnosis system	S. Munteanu	The Annals of "Dunarea de Jos" University of Galati, Fascicle III, 2008, Vol.31 No.2, pp. 5-9, ISSN: 1221-454X, 2008
24.	Reccomendation Process in SR1 Web Document Recommender System	D. Munteanu	The Annals of "Dunarea de Jos" University of Galati, Fascicle III, Vol 31, No 2, pp. 23-26, ISSN: 1221-454X, 2008
25.	Web User Profile Using XUL And Information Retrieval Techniques	D. Munteanu	The Annals of "Dunarea de Jos" University of Galati, Fascicle III, Vol 31, No 2, pp. 19-22, ISSN: 1221-454X
26.	Knowledge-based diagnostic system with probabilistic approach	Cocu A.	The Annals of "Dunarea de Jos" University of Galati, Fascicle III , 2007, ISSN: 1221- 454X
27.	Solving the generalized minimum spanning tree problem with simulated annealing	P. Pop, C. Sabo, C. Pop Sitar, M. V. Căciun	Creative Mathematics and Informatics, Department of Mathematics and Computer Science, North University of Baia Mare, vol 16, pp. 42-53, B+, ISSN: 1843 - 441X, 2007
28.	A Quick Survey Of Text Categorization	D. Munteanu	The Annals of "Dunarea de Jos" University ofGalati, Fascicle III , 2007, pp. 35-42 , ISSN: 1221-454X, 2007
29.	Vector Space Model For Document Representation In Information Retrieval	D. Munteanu	The Annals of "Dunarea de Jos" University ofGalati, Fascicle III , 2007, pp. 43-46, ISSN: 1221-454X, 2007
30.	A new approach to e-commerce multi- agent systems	N. Jascanu, V. Jascanu, F. Nicolau	The Annals of "Dunarea de Jos" University ofGalati, Fascicle III , 1221-454X, 2007

31.	Automatic modeling of the linguistic values for database fuzzy querying	C. Tudorie, L. Frangu, D. Stefanescu	The Annals of "Dunarea de Jos" University of Galati, Fascicle III, pp. 11-17, 1221-454X, 2007
32.	A Hybrid Approach to Dynamic CourseGeneration on the WWW	Stefanescu D. Pecheanu, E., Dumitriu L.	The Annals of "Dunarea de Jos" of Galati, Fascicle III, pp. 60-64, 2000, ISSN 1221-454 X
33.	An Extended Structural Model for Intelligent Instructional Systems	Pecheanu E., Stefanescu D., Istrate A.	The Romanian Symposium on ComputerScience –in Scientific Annals of the "A.I. Cuza" University of Iasi, Tome XV, pp. 167- 177, ISSN 1224-2268
34.	Building and Using Ontologies in Intelligent Instructional Systems	Pecheanu E., Stefanescu D., Istrate A.	The Romanian Symposium on ComputerScience – in Scientific Annals of the "A.I. Cuza" University of Iasi, Tome XV, pp. 178–190, ISSN 1224-2268
35.	Architecture of a Computer Based Instructional System	Pecheanu E., Stefanescu D., Dumitriu L., Istrate, A.,	The Annals of « Dunarea de Jos" University of Galati, Fascicle III, 2000, pag 60-64, ISSN 1221-454 X.
36.	A survey of text clustering techniques used for web mining	Munteanu S. , Bumbaru S.	Analele Universitatii "Dunarea de Jos" Galați, III/2005, pp. 54-59
37.	An analogy between possibilistic abduction to fuzzy pattern matching	Segal C., Dumitriu L.	Buletinul Stiintific al Universitatii Politehnica din Timisoara, Vol. 49(63) :4, 2000, pp 117- 122, ISSN 1224-600
38.	An Interactive Fuzzy Operator Used To Interpret Connectionist Knowledge	Neagu C.-D., Bumbaru S.	Journal of Control Engineering and Applied Informatics, 2001, vol. 3/3, pp. 53-59, ISSN 1454-865
39.	Applying DiaMed Hybrid Algorithm to the Diagnosis of Dynamic Systems	S. Munteanu, Ioan Dumitrache	The Scientific Bulletin of PolitehnicaUniversity, Bucharest ISSN 1454-2358, 37-46, 2006
40.	Case Study for Imperfect Knowledge Representation in Intelligent Tutoring Systems	Cocu A.	Buletinul Stiintific al Universitatii Politehnica din Timisoara, 2004, vol. 4, pp. 161-164, ISSN 1224-600X (CNCSIS B)
41.	Classification process in a text document recommender system	D. Munteanu, S. Bumbaru	Analele Universitatii "Dunarea de Jos" GalaTi, III/2005, pp. 60-65
42.	Descriptive mining for the QSAR problem	L. Dumitriu, M.Craciun, et al.	Analele Universitatii "Dunarea de Jos" Galați, III/2005, pp. 18-22
43.	Finding and using global implications for the association rule problem	Dumitriu L., Stefanescu D., Pecheanu E	Frontiers in Artificial intelligence andApplications series, IOS Press, Vol. 82, 2002, pp. 537-541, ISSN : 0922-6389 (IEEE Xplore)
44.	Finding Association Rules from Relational databases via SQL Queries	L. Dumitriu, E.Pecheanu, A. Istrate, C. Segal	Control Engineering and Applied Informatics, 2000 Vol. 2 :1, pp. 59-64, ISSN 1454-8658
45.	Finding Exceptions For Association Rules Via SQL Queries	L. Dumitriu	The Annals of « Dunarea de Jos" University of Galati, III/ 2000, , ISSN 1221-454 X pp. 65-69
46.	Fuzzy Queries in Romanian Language - An Intelligent Interface	Tudorie C., Neacșu C., Manolache I.	Analele Universitatii "Dunarea de Jos" Galați, III/2005, pp. 45-53
47.	How are the Attribute Linguistic Domains Involved in Database FuzzyQuery Evaluation ?	Tudorie C., Dumitriu L.	Buletinul Stiintific al Universitatii Politehnica din Timisoara, Vol. 49(63) :4, 2004, pp 135- 138, ISSN 1224-600X
48.	Hypertext maintenance: An actual issue of hypertext quality	C. Novac	The Annals of « Dunarea de Jos" University of Galati, III/2000, ISSN 1221-454 X pag.80-83
49.	Incremental Mining of Quantitative Association Rules	Dumitriu L.	Buletinul Stiintific al Universitatii Politehnica din Timisoara, 2004 Vol. 49(63) :4, 2004, pp 135-138, ISSN 1224-600X

50.	Interactive mining and knowledge reuse for the closed-itemset incremental-mining problem	Dumitriu L	Newsletter of the ACM Special Interest Group on Knowledge Discovery and Data Mining, ed. U. Fayyad, Vol 3 :2(DBLP)
51.	Knowledge Representation Modelling Approach for Intelligent Instructional Environments	Pecheanu E., Dumitriu L., Segal C.	Buletinul Stiintific al Universitatii Politehnica din Timisoara, 2004 Vol. 49(63) :4, pp 187- 192, ISSN 1224-600X
52.	Mapping quantitative attributes for the association rule problem”, Conferinta internationala	Dumitriu L.	Buletinul Stiintific al Universitatii Politehnica din Timisoara, Vol. 49(63) :4, 2002, pp. 117- 122, ISSN 1224-600X
53.	Model discovery and validation for the QSAR problem using association rule mining	L. Dumitriu, C.Segal, M. Craciun, A. Cocu, and L. P. Georgescu	Enformatika, Volume 11, <a href="http://www.doaj.org/doaj?func=subject&amp;cpid=114">http://www.doaj.org/doaj?func=subject&amp;cpid=114</a> ISSN 1305-5313,2006 pp. 24-26
54.	Model discovery and validation for the QSAR problem using association rule mining	L. Dumitriu, C.Segal, M. Craciun, A. Cocu, and L. P. Georgescu	Enformatika, Volume 11, <a href="http://www.doaj.org/doaj?func=subject&amp;cpid=114">http://www.doaj.org/doaj?func=subject&amp;cpid=114</a> ISSN 1305-5313,2006 pp. 24-26
55.	On the aplicability of the state-of-the-art Fault diagnosis methodologies to simple and complex systems	C.D.Bocaniala, J.S da Costa, S. Bumbaru	Analele Universitatii “Dunarea de Jos” Galaïi, III/2005, pp. 33-38
56.	Pedagogical knowledge model based on conceptual graphs and ontology	D. Stefanescu, E. Pecheanu, A. Cocu	The Annals of “Dunarea de Jos” University of Galati, Fascicle III, pp. 11-17, ISSN 1221- 454X
57.	Tentative Prediction for the QSAR Problem using Asociation Rule Mining	L. Dumitriu, C. Segal, M.V. Craciun, A. Cocu, et al.	Scientific Bulletin of « Politehnica » University of Timisoara, vol. 2, 2006 ISSN 1224-600 pp. 189-194
58.	The Intelligence of a Hybrid System : DiaMed	S. Munteanu, I. Dumitrache	Control Engineering and Applied Informatics ISSN 1454-8658, 2006, 18-23
59.	The selection of diagnostic hypotheses through fuzzy decision in the DiaMed hybrid system	Sabina Munteanu	Fuzzy Systems and Artificial Intelligence ISSN 1016-2127, 2006
60.	Uncertainty management using bayesian networks in student knowledge diagnosis	A.Cocu, D. Stefanescu	The Annals of “Dunarea de Jos” University of Galati, Fascicle II, pp. 29-32, ISSN 1221-454X, 2005
61.	Linguistic Values on Attribute Subdomains in Vague Database Querying	Tudorie C.	WSEAS Transactions on Systems, Issue 2, Vol. 3, April 2004, ISSN 1109-2777, pp.646- 650. [INSPEC]
62.	Vague criteria in relational database queries	Tudorie C.	The Annals of “Dunarea de Jos” University of Galati 2004, ISSN 1221-454X.