

LIST OF WORKS

Dr. Ioan DZITAC, Professor

Date: 2017-11-24

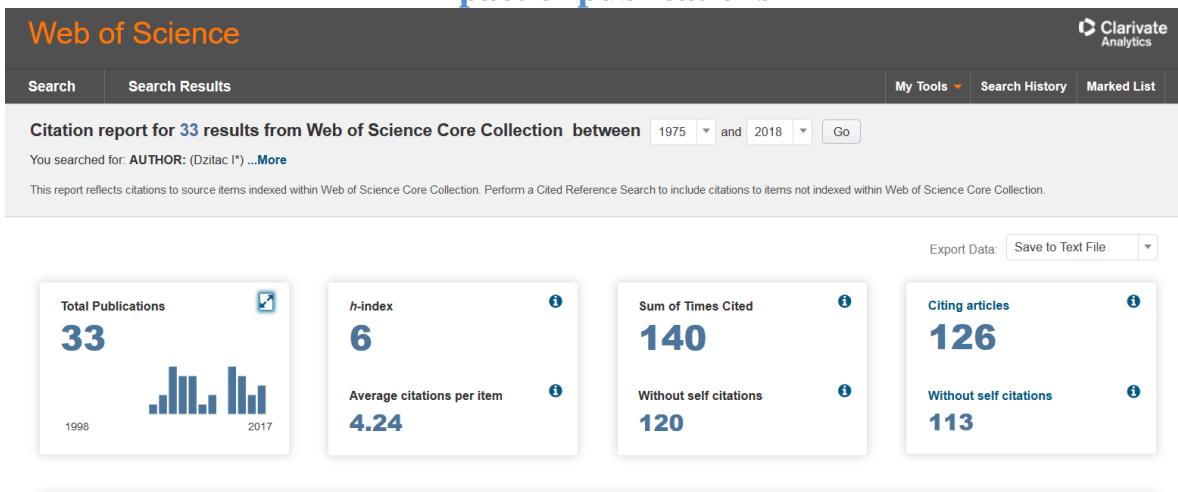
IEEE Senior Member



Find out how to make the most of your membership.



Impact of publications



PhD Thesis

- Ioan Dzitac, *Parallel and Distributed Methods for Some Operator Equations Resolution*, Babes-Bolyai University, Cluj Napoca, Romania, 2002.

Books/Support for courses/Volumes/Materials for students

Books

- Ioan Dzitac , *Parallel and Distributed Methods for Algebraic Systems Resolution*, CCC Publications, Agora University Publishing House, ISBN (10) 973-87960-8-3 ; ISBN (13)978-973-87960-8-9, 150 p., 2006.
- Ioan Dzitac , Grigor Moldovan, *Sisteme distribuite: Modele informaticice* ,Ed. Univ. Agora, 2006, ISBN (10) 973-87960-9-1 ; ISBN (13)978-973-87960-9-6, 146 p.

3. Grigor Moldovan, Ioan Dzitac , *Sisteme distribuite: Modele matematice*, Ed. Univ. Agora, 2006, ISBN (10) 973-88205-0-2 ; ISBN (13)978-973-88205-0-0, 170 p.
4. Ioan Dzitac , *Calcul paralel* , Ed. Univ. din Oradea, ISBN 973-049-5, , 397 p, 2001.
5. Ioan Dzitac, Gabriela Turcuş, Adela Tripe, Adrian Cătaş, *Metoda Monte Carlo - Hazard si determinism*, Ed. Univ. din Oradea, ISBN 973-8193-07-9 (2000), 198 p.

Chapters in books

1. Felea I., Dzitac S., Popentiu F., Dzitac I., Models of availability maximization applied to "k-outof-n" structures for power systems, Chapter in book: Reliability, Risk and Safety: Theory and Applications - Bris, Guedes Soares & Martorell (eds), Taylor & Francis Group, London, CRC Press 2009, Print ISBN: 978-0-415-55509-8, eBook ISBN: 978-0-203-85975-9, pp. 607-614. (ISI Proceedings Paper, WOS:000281188500083).
<http://www.crcnetbase.com/doi/abs/10.1201/9780203859759.ch83>
2. Dzitac S., Felea I., Dzitac I., Vesselenyi T., Neuro-Fuzzy Modeling of Event Prediction using Time Intervals as Independent Variables, Chapter in Zadeh L. A. et all, From Natural Language to Soft Computing: New Paradigms in Artificial Intelligence, ISBN 978-973-27-1678-6, Ed. House of Romanian Academy, pp. 84-99, 2008. [PDF](#)
3. Dzitac I., Dzitac S., Valeanu E., Solving higher than three degrees algebraic equations using parallel and distributed computation methods, Chapter in D. Breaz, N. Breaz, D. Wainberg, Proc. of ICTAMI 2007, ISBN 978-973-1890-01-2., Aeternitas Publ. House, Alba Iulia, pp. 83-92, 2008.
4. Dzitac S. , Vesselenyi T. , Dzitac I. , Valeanu E. , (2007), Electrical Power Station Reliability Modelling Procedure using The Monte Carlo Method, Chapter in IFAC PapersOnLine, ISBN 978-3-902661-31-9, 4:625-700, 2007. DOI: [10.3182/20070927-4-RO-3905.00115](https://doi.org/10.3182/20070927-4-RO-3905.00115)
5. Dzitac I., Dzitac S., Valeanu E., Web Distributed Computing for Landscape Architecture, Chapter in Eleftheriadis, N., Styliadis, A., Paliokas, I. (eds), Proceedings of the LANT07, ISBN 978-960-363-027-2., International Conference Landscape Architecture and New Technologies, 25-26 May 2007, Drama, Greece, pp. 25-36, 2007.
6. Lupse V., Dzitac I., Dzitac S. , Valeanu E. , (2007), A Project of Commercial Module of an ERP System for SME, Chapter in Informatics in Knowledge Society, Proc. of The Eighth International Conference on Informatics in Economy IE 2007 - May 17-18, ISBN 978-973-594-921-1, pp. 441-446, 2007.
7. Dzitac I., Dzitac S., Oros H., (2004), Some parallel implementation of Random Filtered Asynchronous Iterative Method, Chapter in Proc. of the International Conference of Computers and Communications, ICCC 2004, Baile Felix - Oradea, Ed. Univ. din Oradea, ISBN 973-613-542 - X, pp. 139-146, 2004. [PDF](#)
8. Dzitac I., Dzitac S., Oros H., Some applications of the Perov's fixed point theorem, Chapter in Proc. of the CAIM 2003, vol. 2, Ed. Univ. din Oradea, ISBN 973-613-330-3 (gen.), ISBN 973-613-332 - X, pp. 120-129, 2003.
9. Dzitac I., Dzitac S., Valeanu M., A Parallel Algorithm for the Real Roots Isolation of the Polynomial Equation, Chapter in Proc. of The 11th Conference on Applied and Industrial Mathematics (CAIM 2003), ISBN 973-613-330-3, Edit. Univ. din Oradea, vol. I, pp. 97-99, 2003.
10. Dzitac I., Moldovan G., Oros H., A Parallel Procedure for the Exhaustive Numerical Resolution of the Polynomial Equations, Chapter in Proc. of The 11th Conference on

- Applied and Industrial Mathematics (CAIM 2003), Oradea, Edit. Univ. din Oradea, ISBN 973-613-330-3 (gen.), ISBN 973-613-331-1, pp. 94-96, 2003.
11. Dzitac I., (2002), A Survey of Taxonomy of the Parallel Computers, Chapter in Proceedings of The 27th Annual Congress of the American Romanian Academy of Arts and Sciences (ARA), Polytechnic International Press, Montreal, Canada, ISBN 2-553-01024-9, pp. 672-673, 2002.

Proceedings

1. Heeseok Lee, Yong Shi, Jongwon Lee, Felisa Cordova, Ioan Dzitac, Gang Kou, Jaiping Li, Promoting Business Analytics and Quantitative Management of Technology: Preface for ITQM 2016, Procedia Computer Science, Volume 91, Pages 1-8, 2016. <http://dx.doi.org/10.1016/j.procs.2016.07.103>
2. L. A. Zadeh, D. Tufis, F.G. Filip, I. Dzitac (eds.), *From Natural Language to Soft Computing: New Paradigms in Artificial Intelligence*, Editing House of Romanian Academy, ISBN: 978-973-27-1678-6, 2008, 268 p.; [Full text PDF](#), [Appendix](#).
3. I. Dzitac, T. Maghiar, C. Popescu (eds.), *Proceedings of International Conference on Computers and Communications (ICCC 2004)*, 27-29 May, 2004, Baile Felix- Oradea, Ed. Univ. din Oradea, ISBN 973-613-542 - X (2004), 434 p.
4. T. Maghiar, A. Georgescu, M. Balaj, I. Dzitac, I. Mang (eds.), *Proceedings of the 11th Conference on applied and industrial mathematics (CAIM 2003)*, Vol. 1, Ed. Univ. din Oradea, ISBN 973-613-330-3 (gen.), ISBN 973-613-331-1(2003), 248 p.
5. T. Maghiar, A. Georgescu, M. Balaj, I. Dzitac, I. Mang (eds.), *Proceedings of the 11th Conference on Applied and industrial Mathematics (CAIM 2003)*, Vol. 2, Ed.Univ. din Oradea, ISBN 973-613-330-3 (gen.), ISBN 973-613-332 - X (2003), 180 p.

Books/Support for courses

1. Ioan Dzitac , *Inteligenta artificială*, Ed. Univ. Aurel Vlaicu, Arad, 2008, ISBN 978-973-752-292-4, 182 p.
2. Ioan Dzitac, *Matematică economică* , Ed. Univ. Agora, ISBN 973-86723-2-5 (2005), 292 p.
3. I. Dzitac , I. Mang, G. Sadoveanu, *Didactica informaticii*, Ed. Univ. din Oradea, ISBN 973-049-5 (2003), 526 p.
4. I. Dzitac , B. Bede, S. Dzitac, A. Madar,G. I. Oros, *Analiză matematică: Calcul diferențial*, Ed. Univ. din Oradea, ISBN 973-613-050-9 (2001), 207 p.
5. I. Dzitac , L. Seremi, S. Dzitac, A. Cătaș, G. I. Oros, *Matematici speciale- Elemente de algebră, Geometrie analitică, Probabilități*, Ed. Univ. din Oradea, ISBN 973-613-044-4 (2001), 247 p.
6. I. Dzitac, A. Bica, A. Madar, I. Stoica, *Matematici speciale-Functii complexe, Ecuatii diferențiale*, Ed. Univ. din Oradea, ISBN 973-8083-33-8 (2000), 41 p.
7. Ioan Dzitac , Adrian Madar, *Analiza matematica -Calcul integral* Ed. Univ. din Oradea, ISBN 973-8083-03-6 (2000), 174 p.

Materials for students

1. Dan Bența, Ioan Dzitac, *Baze de date în economie. Lucrări practice de laborator*, Ed. Universității Agora, ISBN 978-973-1807-50-8 (2013), 111 p.

2. G. Oros, A. Cătaș, G.I. Oros, I. Dzițac, S. Dzițac, *Functii complexe - Culegere de probleme*, Ed. Univ. din Oradea, ISBN 973-613-396-6 (2003), 236 p.
3. Ioan Dzitac, Eugen Laslo, *Programarea paralela utilizând PVM*, Ed. Univ. din Oradea, ISBN 973-613-409-1 (2003), 144 p.
4. Ioan Dzitac, Marcel Pantea, Simona Dzitac, *Ghid metodic - Algebra de liceu- clasa IX-a*, Ed. Univ. din Oradea, ISBN973-8193-01 - X (2000), 178 p.
5. Ioan Dzitac, Moise Mistor, *1500 exerciții și probleme pentru clasele I-IV*, ISBN 973-95555-3-5, Editura Convex, Oradea, 1992

Papers indexed/abstracted in ISI Web of Science (JCR2016)

Articles/ResearcherID Number: A-6169-2010

1. Dzitac I., Filip F.G., Manolescu M.J., Fuzzy Logic Is Not Fuzzy: World-renowned Computer Scientist Lotfi A. Zadeh, International Journal of Computers Communications & Control, ISSN 1841-9836, 12(6), 748-782, DEC 2017. (Article WOS:..., IF = 1.374)
2. Dzitac I., Manolescu M.J., Contributions of Florin Gheorghe Filip in Information Science and Technology, International Journal of Computers Communications & Control, ISSN 1841-9836, 12(4), 449-460, AUG, 2017. (Article WOS:000405065900001 , IF = 1.374). DOI: <http://dx.doi.org/10.15837/ijccc.2017.4.2960>
3. Butaci C., Dzitac S., Dzitac I., Bologa G., PRUDENT DECISIONS TO ESTIMATE THE RISK OF LOSS IN INSURANCE, Technological and Economic Development of Economy, ISSN: 2029-4913, 23(2), 428-440, DOI: 10.3846/20294913.2017.1285365, 2017 (Article WOS:000396823900010, IF = 2.628). <http://www.tandfonline.com/doi/abs/10.3846/20294913.2017.1285365>
4. Nadaban S., Dzitac I., Some Properties and Applications of FuzzyQuasi-Pseudo-Metric Spaces, Informatica, ISSN: 0868-4952, Vol.27, No.1, pp. 141–15, 2016, (Article WOS:000373315100007, IF=1.056). <http://www.mii.lt/informatica/pdf/INFO1081.pdf>
5. Stanojevic B., Dzitac I., Dzitac S., On the ratio of fuzzy numbers exact membership function computation and applications to decision making, Technological and Economic Development of Economy, ISSN: 2029-4913, Vol.21, No.5, pp. 815-832, 2015 (Article WOS:000361984500009, IF = 2.628). <http://dx.doi.org/10.3846/20294913.2015.1093563>
6. Dzitac I., The Fuzzification of Classical Structures: A General View, International Journal of Computers Communications & Control, ISSN 1841-9836, Vol. 10, No.6, pp. 775-793, 2015 (Article WOS:000364346600002, IF= 1.374). DOI: <http://dx.doi.org/10.15837/ijccc.2015.6.2069>
7. Dzitac I., Impact of Membrane Computing and P Systems in ISI WoS. Celebrating the 65th Birthday of Gheorghe Păun, International Journal of Computers Communications & Control, ISSN 1841-9836, Vol.10, No.5, pp. 617-626, October, 2015 (Article WOS:000358340900001, F= 1.374). DOI: <http://dx.doi.org/10.15837/ijccc.2015.5.2024>
8. Nadaban S., Dzitac I., Atomic Decompositions of Fuzzy Normed Linear Spaces for Wavelet Applications, Informatica, ISSN: 0868-4952, Vol.25, No.4, pp. 643-662, 2014 (Article WOS:000347513200007, IF=1.056). <http://dx.doi.org/10.15388/Informatica.2014.33>
9. Felea I., Dzitac S., Vesselenyi T., Dzitac I., Decision Support Model for Production Disturbance Estimation, International Journal of Information Technology & Decision

Making, World Scientific Publishing Company, Vol.13, No.3, pp. 623-647, 2014
(Article WOS:000336411100009, IF=1,183).

<http://www.worldscientific.com/doi/abs/10.1142/S0219622014500576>

10. Albu R.D., Dzitac I., Popentiu-Vladicescu F., Naghiu I.M., Input Projection Algorithms Influence in Prediction and Optimization of QoS Accuracy, International Journal of Computers Communications & Control, ISSN 1841-9836, Vol.9, No.2, pp. 132-139, 2014 (Article WOS:000332352800001, F= 1.374). DOI:
<http://dx.doi.org/10.15837/ijccc.2014.2.1013>
11. Brasoveanu A.M.P., Dzitac I., The Role of Visual Rhetoric in Semantic Multimedia: Strategies for Decision Making in Times of Crisis, International Journal of Computers Communications & Control, ISSN 1841-9836, Vol.7, No.4, pp.605-615, 2012 (Article WOS:000308334500002, F= 1.374). DOI:
<http://dx.doi.org/10.15837/ijccc.2012.4.1361>
12. Filip F.G., Dzitac I., Editorial Challenge: From a Quarterly to a Bimonthly Journal, International Journal of Computers Communications & Control, Vol.7, No.5, pp. 796-797, 2012 (Editorial Material WOS:000310664900001, IF= 1.374). DOI:
<http://dx.doi.org/10.15837/ijccc.2012.5.1074>
13. Dzitac I., Vesselenyi T., Tarca R. C., Identification of ERD using Fuzzy Inference Systems for Brain-Computer Interface, International Journal of Computers Communications & Control, Special Issue on Fuzzy Sets and Systems, Vol.6, No.3, pp. 403-417, 2011 (Article WOS:000294513700003, F= 1.374). DOI:
<http://dx.doi.org/10.15837/ijccc.2011.3>
14. Filip F.G., Dzitac I., Acad. Solomon Marcus at 85 Years (A Selective Bio-bibliography), International Journal of Computers Communications & Control, Vol.5, No.2, pp. 144-147, 2010 (Biographical-Item WOS:000275741400001, F= 1.374). DOI:
<http://dx.doi.org/10.15837/ijccc.2010.2>
15. Andonie R., Dzitac I. (2010), How to Write a Good Paper in Computer Science and How Will It Be Measured by ISI Web of Knowledge, International Journal of Computers Communications & Control, ISSN 1841-9836, Vol.5, No.4, pp. 432-446, 2010 (Article WOS:000282600700002, IF= 1.374). DOI:
<http://dx.doi.org/10.15837/ijccc.2010.4>
16. Negulescu S. C., Dzitac I., Lascu A. E., Synthetic Genes for Artificial Ants. Diversity in Ant Colony Optimization Algorithms, International Journal of Computers Communications & Control, ISSN 1841-9836, Vol.5, No.2, pp. 216-223, 2010 (Article WOS:000275741400008, IF=0,627). DOI:
<http://dx.doi.org/10.15837/ijccc.2010.2>
17. Secui D. C., Dzitac S. , Bendea G.V., Dzitac I., An ACO Algorithm for Optimal Capacitor Banks Placement in Power Distribution Networks, Studies in Informatics and Control, ISSN 1220-1766, Vol.18, No.4, pp. 305-314, 2009 (Article WOS:000272759700002, IF=0,723). http://sic.ici.ro/?page_id=423
18. Dzitac I., Barbat B.E., Artificial Intelligence + Distributed Systems = Agents, International Journal of Computers Communications & Control, ISSN 1841-9836, Vol.4, No.1, pp. 17-26, 2009 (Article WOS:000262821700002, IF= 1.374). DOI:
<http://dx.doi.org/10.15837/ijccc.2009.1>
19. Vesselenyi T., Dzitac I. , Dzitac S., Vaida V., Surface Roughness Image Analysis using Quasi-Fractal Characteristics and Fuzzy Clustering Methods, International Journal of Computers Communications & Control, ISSN 1841-9836, Vol.3, No.3, pp. 304-316, 2008 (Article WOS:000257275300008, IF= 1.374). DOI:
<http://dx.doi.org/10.15837/ijccc.2008.3>

20. Dzitac I. (2008), ICCCC 2008 & EWNLC 2008 Celebrates Bardeen's Centenary and Welcomes Professor Zadeh, International Journal of Computers Communications & Control, ISSN 1841-9836, Vol.3, No.S, pp. 16-25, 2008 (Editorial Material WOS:000257497600001, IF= 1.374). DOI: <http://dx.doi.org/10.15837/ijccc.2008.5>
21. Lupse V., Dzitac I., Dzitac S., Manolescu A., Manolescu M.-J., CRM Kernel-based Integrated Information System for a SME: An Object-oriented Design, International Journal of Computers Communications & Control, ISSN 1841-9836, Vol.3, No.S, pp. 375-380, 2008 (Article WOS:000257497600059, IF= 1.374). DOI: <http://dx.doi.org/10.15837/ijccc.2008.5>
22. Dzitac S., Felea I., Dzitac I., Vesselenyi T., An Application of Neuro-Fuzzy Modelling to Prediction of some Incidence in an Electrical Energy Distribution Center, International Journal of Computers Communications & Control, ISSN 1841-9836, Vol.3, No.S, pp. 287-292, 2008 (Article WOS:000257497600043, IF= 1.374). DOI: <http://dx.doi.org/10.15837/ijccc.2008.5>
23. Vesselenyi T., Dzitac S., Dzitac I., Manolescu M.-J., Fuzzy and Neural Controllers for a Pneumatic Actuator, International Journal of Computers Communications & Control, ISSN 1841-9836, Vol.2, No.4, pp. 375-387, 2007 (Article WOS:000255333100007, IF= 1.374). DOI: <http://dx.doi.org/10.15837/ijccc.2007.4>
24. Dzitac I., Manolescu M.-J., Oros H., Valeanu E., 60 Years from Birth of Academician F.G. Filip, International Journal of Computers Communications & Control, Vol.2, No.3, pp. 209-216, 2007, ISSN 1841-9836, 2007 (Biographical-Item WOS:000255333000001, IF= 1.374). DOI: <http://dx.doi.org/10.15837/ijccc.2007.3>
25. Pop B., Dzitac I., (2006), On a Fuzzy Approach to Solving Multiple Criteria Fractional Programming Problem, International Journal of Computers Communications & Control, ISSN 1841-9836, Vol.1, No. S, pp. 381-385, 2006, (Article WOS:000203014800064, IF= 1.374). DOI: <http://dx.doi.org/10.15837/ijccc.2006.5>

I.S.I. Proceedings Papers, ResearcherID Number: A-6169-2010

1. Sorin Nădăban, Simona Dzitac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, Pages 823-831, 2016. <http://dx.doi.org/10.1016/j.procs.2016.07.088>
2. Benta D., Bologa G., Dzitac S., Dzitac I. (2015), University Level Learning and Teaching via E-Learning Platforms, 3rd International Conference on Information Technology and Quantitative Management, ITQM 2015 - Rio de Janeiro, Procedia Computer Science, Volume 55C, 2015, Pages 1366-1373 (Proceedings Paper WOS:000360101400156). <doi:10.1016/j.procs.2015.07.123>
3. Nadaban S., Dzitac I., Special Types of Fuzzy Relations, 2nd International Conference on Information Technology and Quantitative Management, ITQM 2014, Procedia Computer Science, Vol.31C, pp. 552-557, 2014 (Proceedings Paper WOS:000360713800063). <http://dx.doi.org/10.1016/j.procs.2014.05.301>
4. Benta D., Bologa G., Dzitac I., E-learning Platforms in Higher Education. Case Study, 2nd International Conference on Information Technology and Quantitative Management, ITQM 2014, Procedia Computer Science, Volume 31C, 2014, pp. 1170-1176, 2014 (Proceedings Paper WOS:000360713800135). <doi:10.1016/j.procs.2014.05.373>

5. Vesselenyi T., Dzitac I., Dzitac S., Hora C., Porumb C., Preliminary Issues On Brain - Machine Contextual Communication Structure Development, SOFA 2009, IEEE Proceedings, ISBN 978-1-4244- 5054-1, pp. 35-40, 2009. (Proceedings Paper WOS:000275159600007). DOI: [10.1109/SOFA.2009.5254882](https://doi.org/10.1109/SOFA.2009.5254882)
 6. Hora C., Vesselenyi T., Dzitac S. , Dzitac I., Hora H., Wear Simulation through Cellular Automata Method, 2009 IEEE Proceedings, ISBN 978-1-4244-5054-1, pp. 41-46, 2009. (Proceedings Paper WOS:000275159600008).
- DOI: [10.1109/SOFA.2009.5254879](https://doi.org/10.1109/SOFA.2009.5254879)
7. Dzitac I. , Moisil I., Advanced AI Techniques for Web Mining, Proc. of MAMECTIS '08, ISSN 1790-2769, pp. 343-346, 2008 (Proceedings Paper WOS:000262507100062).
<http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.325.5536&rep=rep1&type=pdf>

Papers indexed in International Databases

1. Dzitac S., Vesselenyi T., Dzitac I., Pârv M., A Fuzzy Algorithm for Reliability. Simulation of an Electric Station, ROMAI J., Vol.5, No.2, pp. 49-58, 2009.
2. Vesselenyi T., Dzitac S. ,Dzitac I., Vesselenyi I. , An Experimental Setup for a Brain-Computer Interface, Annals of the Oradea University. Fascicle of Management and Technological Engineering, Vol. 8 (XVIII), pp. 888-891, 2009.
3. Dzitac I., A letter from the associate editor in chief, International Journal of Computers, Communications and Control, vol.3, No.3, pp. 220-220, 2008 (Letter, Scopus).
4. Dzitac S., Goia H.,Dzitac I., Carlan M., Optimization of the Number of Executans in Maintenance Works, ROMAI J., ISSN 841-5512, Vol. 3, pp. 125-140, , 2007 (MathSciNet MR2670875 90B25).
5. Pop B., Dzitac I., (2007), Mixed Variables Fuzzy Programming Algorithm, Studies in Informatics and Control, ISSN 1220-1766, Vol.17, No.2, pp. 185-190, 2007.
6. Dzitac S. , Vesselenyi T. , Dzitac I. , Valeanu E. , (2007), Electrical Power Station Reliability Modelling Procedure using The Monte Carlo Method, IFAC PapersOnLine, ISBN 978-3-902661-31-9, 4:625-700, 2007. DOI: [10.3182/20070927-4-RO-3905.00115](https://doi.org/10.3182/20070927-4-RO-3905.00115)
7. Pop B., Dzitac I. , Fuzzy Control Rules in Convex Optimization, Studies in Informatics and Control, ISSN 1220-1766., Vol16, No.4 pp. 363-366, 2006.
8. Pop B. , Dzitac I. , (2006), On Choosing Proper Linguistic Description for Fractional Functions in Fuzzy Optimization, Acta Univ. Apulensis, Math. and Informatics, ISSN 1582-5329, No. 12, pp. 63-72, 2006.
9. Dzitac I., Dzitac S., Valeanu E., Synchronous and Asynchronous Parallelization of Some Classical Methods For Systems Resolution, Studii si Cercetari Stiintice, Ser. Mat. Univ. Bacau, ISSN 1224-2519, No. 16 (Suppl.): pp. 409-422, 2006 (MathSciNet MR2318969 65H10 65Y05 68W10).
10. Dzitac I., Pop B., (2006), On Triangular Fuzzy Numbers Arithmetic Approximations in Linear Optimization, Bull. Transilv. Univ. Brasov Ser. B, ISSN 1223-964X, Vol. 48, pp. 15-20, 2006.

11. Dzitac S., Vesselenyi T., Dzitac I., A MATLAB program based finite element method for computing and simulation Lorentz power of magnetic field, ROMAI J. Vol.2, no. 2, 55-62, 2006 (MathSciNet MR2648042 78-04).
12. Veres M., Dzitac I., Hora C., Dzitac S. , Experimental results on simulation models of hydro-energetic equipments dynamic behaviour, ROMAI J., ISSN 841-5512, Vol.1, No.2, pp.183-190, 2005.
13. Lupse V., Dzitac I., (2005), Survey of the ERP Systems for Small and Medium Entreprises, An. Univ. din Oradea, Fasc. Electrotehnica, St. Calculatoarelor si sistemelor, ISSN 1223-2106, pp. 68-75, 2005.
14. Veres M., Dzitac I., Hora C., On Simulation Models of the Dynamic Behaviour of the Hydro Energetic Equipments, ROMAI J., ISSN 841-5512, Vol. I, No. 1, pp. 205-208, 2005.
15. Lupse V., Dzitac I., (A design based of object programming of a module of integrated ERP systems of small and medium enterprises, Acta Univ. Apulensis, Math. and Informatics, ISSN 1582-5329, Nr. 10, pp. 275-282, 2005.
16. Dzitac I., Dzitac S., Oros H., Some parallel procedures for computing the eigenvalues of a real symmetric matrix, Acta Univ. Apulensis Math. Inform., ISSN 1582-5329, No. 6, pp. 111-116, 2003 (MathSciNet MR2060693 65F15).
17. Dzitac I., A Serial Program for Simulation of RFAIM Method, Bul. Stiint. , Univ. Pitesti, Ser. Mat. Inf., ISSN 1453-116x, Nr. 9, pp. 119-128, 2003 .
18. Dzitac I., Dzitac S. , Oros H. , (2003), Some Parallel Procedures For Nonlinear System Resolution, Bul. Stiint. , Univ. Pitesti, Ser. Mat. Inf., Nr. 9, pp. 129-138, 2003, ISSN 1453-116x.
19. Dzitac I. , Dzitac S. , Oros H. , (2003), Some parallel procedures for computing the eigenvalues of a real symmetric matrix, Acta Univ. Apulensis, Math. and Informatics, ISSN 1582-5329, Nr. 6, pp. 111-116, 2003.
20. Dzitac I., Dzitac S. , Oros H. , (2002), Some Asynchronous Iterative Procedures For Fixed Point System Resolution, Carpathian Journal of Mathematics/Bul. St. Univ. Baia Mare, Seria B, Mat. Inf., ISSN 1584-2851, Vol. XVIII, Nr. 2, pp. 205-210, 2002.
21. Dzitac I. , (2001), A binary graph for the parallel architecture, The PAMM's periodical Bull. for Appl. & Computer Mathematics, BAM - 1906/2001 (XCVI - C), Budapest, pp. 151-164, 2001, ISSN 0133-3526.
22. Dzitac I. , (2001), Parallel Solving a System of Nonlinear Equations, The PAMM's periodical Bull. for Appl. & Computer Mathematics, BAM - 1905/2001 (XCVI - C), Budapest, pp. 141-150, 2001, ISSN 0133-3526.
23. Dzitac I., Random-filtered asynchronous iterative method, Bul. Stiint. Univ. Baia Mare Ser. B Fasc. Mat.-Inform., Vol.16, no. 1, 17-24, 2000 (MathSciNet MR1832120 65J15 65H10).
24. Dzitac I., "Parallel" and "concurrent" in informatics vocabulary, An. Univ. Oradea Fasc. Mat., Vol.6 , pp. 30-34, (1997/98)(MathSciNet MR1729867 68Q10).

PROJECTS

1. National Projects

1. "C.E.R.C. DE. APTITUDI.N.I. - CrEaRea, Corelarea si DEzvoltarea APTITUDInilor Necessare pentru trecerea la viață activă", Contract nr. POSDRU/161/2.1/G/137526, perioada 2014-2015 ([Responsabil partener 1 din consorțiul](#)).
2. Cod CNCSIS 2586/ PN- II- RI-PRECISI/2014-8-6907/Resurse umane/[Premierea rezultatelor cercetării/2014 \(zona rosie, valoare totală premiu: 4000 lei\)](#).

3. "Pregătiți pentru a inova, pregătiți pentru a răspunde mai bine nevoilor locale. Calitate și diversitatea universităților din România", Proiect UEFISCDI + EUA-IEP, Contract nr. POS-DRU/114/1.2/S/123120, perioada 2013-2014 ([Responsabil partener Universitatea Agora](#)).
4. "Studiu național de monitorizare a inserției pe piața muncii a absolvenților din Învățământul superior", Proiect UEFISCDI, POSDRU 2007-2013, UAV nr. 754/29.04.2011 ([Member](#))
5. "Adaptarea personalului din sectorul energetic la noile tehnologii și condiții de muncă", POS DRU finantat din Fondul Social European, Contract: nr. POSDRU/40/3.2./G/9043/01.04.2009; Obiectul contractului: ; Valoarea contractului: 1.627.900,00 lei; Perioada: 01.04.2009-01.04.2010. Director: Popper Laurentiu, (12.465.320 RON) ([Member](#)).
6. "Dezvoltarea abilităților antreprenoriale ale personalului din sectorul energetic", POS DRU finantat din Fondul Social European, Contract: nr. POSDRU/9/3.1./S/7/25 sept. 2008; ; Valoarea contractului: 12.176.500 lei, Durata contractului: 1 noiembrie 2008 - 31 octombrie 2011. Director: Popper Laurentiu (1.661.345 RON) ([Member](#)).
7. "From Natural Language to Soft Computing: New Paradigms in Artificial Intelligence", CNCSIS: PN II 2007-2013, PN II- Idei/Workshop exploratoriu: , May 15-17, 2008, Felix Spa, Romania - PO-01-Ed1-R0-F37./08.05.2008, cod CNCSIS 47, contract nr.8/2008, Director Dan Tufiș, Acord colaborare implementare Nr.300/ 25.03.2008 (**Responsabil implementare proiect și execuție bugetară, Valoare contract (câștigat prin competiție): 30.000 RON**): [Raport final \(Tufis\)](#); [Acord Univ. Agora \(Dziac\) - ICIA \(Tufis\)](#); Carte publicată cu L.A.Zadeh, D. Tufiș și F.G. Filip: [Copertă, Full text, Anexă; Abstracts of ICCCC2008; Proceedings of ICCCC2008](#).
8. "Cercetari multidisciplinare privind modelul teoretic și experimental al unei electrocentrale ecologice bazate pe energia valurilor marine", Proiect CEEEX, Modulul 1, ANCS: Contract nr. 103/03.10.2005, Director: Ion Corbu, Director sub-proiect: Badea Gabriela, 2005-2008 ([Member](#)).
9. Cod CNCSIS Nr.250: PN II 2007-2013, PN II/ Resurse umane/[Premierea rezultatelor cercetării articole trimestrul I, 2009 \(valoare totală premiu: 500 lei\)](#).
Cod CNCSIS Nr.231: PN II 2007-2013, PN II/ Resurse umane/[Premierea rezultatelor cercetării/Octombrie 2008 \(valoare totală premiu: 2000 lei\)](#).
10. Cod CNCSIS Nr.88: PN II 2007-2013, PN II/ Resurse umane/[Premierea rezultatelor cercetării/Septembrie 2008 \(valoare totală premiu: 2000 lei\)](#).
11. Cod CNCSIS Nr.90: PN II 2007-2013, PN II/ Resurse umane/[Premierea rezultatelor cercetării/Septembrie 2008 \(valoare totală premiu: 2000 lei\)](#).
12. ANCS: Contract no. 75 /10.05.2006 ICCCC 2006 ([cofinanțare obținută prin competiție: 4000 lei](#)).
13. Contract no.20L /9.04.2008/ ANCS-IJCCC ([subvenție obținută prin competiție: 12000 lei](#)).
14. Contract 50L/2007 ANCS-IJCCC (subvenție obținută prin competiție: 9000 lei).
15. Contract no. 48L /06.09.2006 ANCS-IJCCC ([subvenție obținută prin competiție: 10000 lei](#)).

2. International Projects

1. "TAMARO", Proiect UE transfrontalier Ungaria- Romania, TAMARO, HURO/0801, perioada 01.01.2010-31.12.2010, <http://www.tamaro.hu> Director: Nagy Mariana, Valoare: (74.056 EUR) ([Member](#)).
2. "Personalized e-Learning with Re-usable Functionality", Contract No.7/UE & Greece Project: EPEAEK II/ Archimedes 2.2.17, Director: Athanasios Styliadis, Durata: 05.01.2004- 31.08.2007 ([Member](#)).
3. "GLOBE- Romania", Grant/Int. Research Project/ 01.IX.2006, with Corvinus University of Budapest, (**Director de subproiect în consorțiu, Buget proiect (câștigat prin competiție): 11.250 EUR**): [Argumentare](#); [Rezumat](#); [Scrisoare de la Univ. Corvinus](#); [Raport final \(v.pag.71\)](#).
4. "Virtual Reality Laboratories", Int. Contract UE & Greece Project: CofT / Contr. No. 4/VRlab, Director: Athanasios Styliadis,). Durata: 05.01.2004- 31.12.2005 ([Member](#)).
5. "The effect of tram and traffic induced vibrations in the Oradea urban conditions on the occurrence and development Sf. Mihail church on the Magheru Avenue", Int. contract no. 737/18.11.2004, Universitatea din Oradea and Budapest University of Technology, Director Mircea Veres. Durata: 05.01.2004- 31.12.2005 ([Member](#)).

Date: 2017-11-24

Signature:

Prof. Ioan Dzitac

