Listă de lucrări

1. Monografii

1. **Dumitrescu S.** "*Fundamentele dezvoltarii aplicatiilor WEB cu PHP*", Univ. Transilvania din Brasov, 2009
2. **Dumitrescu, S.,** „ Structuri Vizuale si Limbaje Formale", Editura Univ. Transilvania din Braşov, 2007, ISBN: 973 – 635 – 221 – 8 (140pg.).
3. Danciu, D. **Dumitrescu, S,** „ Programare Java". Univ. Transilvania din Braşov, 2002,
4. **Dumitrescu, S.** „ *Curs pentru Invaţământul la Distanţă - Programare Java*"- Univ. Transilvania din Braşov, 2002-2003.
5. **Dumitrescu, S.** „*Programare Java*", Curs Postuniversitar, Univ. Transilvania din Brasov, 2001-2002.

2. Articole/studii publicate în reviste de specialitate de circulaţie internaţională recunoscute sau în reviste din ţară recunoscute de către **CNCSIS**

1. **S. Dumitrescu** – *About Normal Forms for Hyperedge Replacement Grammars*, New Aspects of Computers, Proceedings of the 12th WSEAS International Conference on Computers, jul 23-25, Heraklion, Greece, 2008, ISSN 1790-5109, ISBN 978-960-6766-85-5, pp. 208-211 **(ISI Web of Knowledge)**
2. **S. Dumitrescu** – *Hyperedge Replacement Languages and Pushdown Automata*, Recent Advances in Mathematical and Computational Methods in Science and Engineering, Proceedings of the 10th WSEAS International Conference on Mathematical and Computational Methods in Science and Engineering, nov 7-9, Bucharest, Romania, 2008, ISSN 1790-2769, ISBN 978-960-474-019-2, pp. 487-490 **(ISI Web of Knowledge)**
3. L. Sangeorzan, M. Popescu, E. Helerea, C. Aldea, **S. Dumitrescu,** W. Schwarz, M.Popescu – *Aspects Regarding the Quality of Education Processes Based on WEB 2.0 Technologies*, New Aspects of Applied Informatics and Communications, Proceedings of the 8th WSEAS International Conference on Applied Informatics and Communications, aug 20-22, Rhodos, Greece, 2008, ISSN 1790-5109, ISBN 978-960-6766-94-7, pp. 499-505 **(ISI Web of Knowledge)**
4. **S. Dumitrescu** – *Several aspects of context freeness for hyperedge replacement grammars*, WSEAS Transactions on Computers, 2008, vol. 7, Issue 10, ISSN 1109-2750, pp. 1594-1604. **(indexata in BDI: The ACM Digital Library)**
5. **S. Dumitrescu** – *Aspects of context freeness for hyperedge replacement grammars,* Foundation of Computing and Decision Sciences, 2005, vol 30, part 2, ISSN 0867-6356, pp. 91-102. **(indexata in BDI: British Library Direct)**
6. **S. Dumitrescu**, Bogdana Pop - *Characterizations of freeness for hyperedge replacement grammars*, Bull. Transilv. Univ. Brasov Ser. B, 45(2003), ISSN 1223-964x, pp. 29-36. **(indexată în BDI: Zbl pre05018643, MR2109099)**
7. Bogdana Pop, **S. Dumitrescu** - *Fuzzy control rules in linear fractional programming problems*, Bull. Transilv. Univ. Brasov Ser. B, 44(2002), ISSN 1223-964x, pp. 27-30 **(indexată în BDI: MR2050176)**

8. **S. Dumitrescu**, V. Monescu – *Collage and Patterns Generated by Hyperedge Replacement*, Bull. Transilv. Univ. Brasov Ser. B, 14(49) (2007), ISSN 1223-964x, pp. 73-78.
9. V. Monescu, **S. Dumitrescu** – *Some Improved Recursion on Arnoldi's Method*, Bull. Transilv. Univ. Brasov Ser. B, 14(49) (2007), ISSN 1223-964x, pp. 79-82.
10. **S. Dumitrescu**, Bogdana Pop - *Hyperedge replacement grammars*, Bul.St. Univ. din Pitesti, Ser. Mat. si Informatica, Nr. 8(2002), ISSN 1453 – 116x, pp. 69-75.
11. **S. Dumitrescu** – *L-systems*, Bull. Transilv. Univ. Brasov Ser. B, 8(43) (2001), ISSN 1223-964x, pp. 35-42

3 Articole/studii publicate în volumele unor manifestări ştiinţifice internaţionale recunoscute din ţară şi din străinătate

1. Bogdana Pop, **S. Dumitrescu** - *Fuzzy Control Rules to Solving Linear Fractional Transportation Problems*, Proceeding of REC 8 – 2005 (A 8-a Conferinta Internationala: Riscul in Economia Contemporana), Galati, Romania, Ed. Economica Bucuresti, ISBN 973-709-194-9 (2005), pp. 544-548.
2. **S. Dumitrescu**, Bogdana Pop - *Fractals and L-Systems,* Proceeding of REC 8 – 2005 (A 8-a Conferinta Internationala: Riscul in Economia Contemporana), Galati, Romania, Ed. Economica Bucuresti, ISBN 973-709-194-9 (2005), pp. 549-552.
3. Bogdana Pop, **S. Dumitrescu** - *A method of solving multiple objective linear fractional programming problems,* 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 (2003) pp. 90 – 93.
4. Monescu V., **Dumitrescu S.**, Pop Bogdana - *On a sparse matrix memorizing method*, ROMAI Journal, vol. 2, nr. 1, 2006, ISSN 841-5512, pp. 149-152.
5. Pop Bogdana, **Dumitrescu S.**, Monescu V. - *Solving Method for Multiple Objective Fuzzy Constraints Mixed Variables Optimization*, ROMAI Journal, vol. 2, nr. 1, 2006, ISSN 841-5512, pp. 189-192.
6. **S. Dumitrescu**, Bogdana Pop - *Generarea de imagini*, Bul. Stiintific al Univ. Crestine "Dimitrie Cantemir", 7(2006), Ed. InfoMarket, Brasov, ISSN 1841-298X (2006), pp. 130-134.
7. Bogdana Pop, **S. Dumitrescu** - *Fully fuzzyfied linear fractional programming problem – a trapezoidal numbers approach*, ROMAI Journal, Vol. I (2005), No. 2, ISSN 841-5512, pp. 143-148.

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Semnătura