

## LIST OF PUBLICATIONS

### Books

1. V. Mitrana: *The Challenge of Algorithms*. Agni Publishing House, Bucharest, 1995, 160 pages (in Romanian).
2. V. Mitrana: *Bioinformatics*. L&S Infomat Publishing House, Bucharest, 1998, 196 pages (in Romanian).
3. V. Mitrana: *New Developments in Formal Language Theory Inspired from Biology*, The Publishing House of the University of Bucharest, 2001, 215 pages.

### Chapters in Collective Books

4. C. Martín-Vide, V. Mitrana: *Networks of Evolutionary Processors: Results and Perspectives* chapter in *Molecular Computational Models: Unconventional Approaches*, Idea Group Publishing, Hershey, 2004, 41 pagini.

### Edited Books

5. C. Martín-Vide, V. Mitrana: *Where Do Mathematics, Computer Science, Linguistics and Biology Meet*, Kluwer Academic, Dordrecht, 2000, 448 pages.
6. C. Martín-Vide, V. Mitrana: *Grammars and Automata for String Processing. From Mathematics and Computer Science to Biology and Back*, Taylor and Francis, London, 2003, 422 pages.
7. C. Martín-Vide, V. Mitrana, G. Păun: *Formal Languages and Applications*, Springer Verlag, Berlin, 2003, 624 pages.

### Special Issues (Invited/guest editor)

8. V. Mitrana, Special Issue on the 1st International PhD School on Formal Languages and Applications, *GRAMMARS* vol. 7 (2004).

## Papers in Refereed Journals

1. A. Atanasiu, V. Mitrana: The modular grammars. *International Journal of Computer Mathematics*, 30(1989), 17–35.
2. V. Mitrana: Grammar-gsm pairs. *Annals of the University of Bucharest, Series Mathematics - Informatics*, 3(1990-1991), 64–71.
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