

## **LISTA DE LUCRĂRI**

### **Teza de doctorat**

**Crișan G.C.** – Metode euristice Ant în Inteligența Artificială, Facultatea de Informatică, Universitatea „Alexandru Ioan Cuza” din Iași, 2007

### **Cărți și capitole de cărți**

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2. **Crișan G.C.** – Concurrent computing for financial systems, în: Popescu C.V., **Crișan G.C.** (Eds) – Statistics and Applications. A Computational Perspective. Lambert Academic Publishing, 2015
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4. **Crișan G.C.**, Nechita E., Pătruț B., Furdu I. – Tehnologia informației pentru economiști, Ed. EduSoft, Bacău, 2005
5. **Crișan G.C.**, Nechita E. – Simularea evenimentelor aleatoare, Ed. EduSoft, Bacău, 2005
6. Nechita E., **Crișan G.C.** – PC pentru toți: aplicații, Ed. Polirom, Iași, 2003

### **Cursuri**

1. **Crișan G.C.** – Algoritmi paraleli și distribuiți, Ed. Alma Mater, Bacău, 2014
2. **Crișan G.C.** – Logica computațională, Ed. Alma Mater, Bacău, 2011
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4. Nechita E., **Crișan G.C.** – Bazele informaticii, Universitatea din Bacău, 2005
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7. Nechita E., **Crișan G.C.**, Furdu I.M. – Programare în C/C++. Teaching aids, Universitatea din Bacău, 2004
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## Lucrări publicate

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2. **Crișan G.C.**, Nechita, E., Palade, V. - Emergency management using geographic information systems: application to the first Romanian traveling salesman problem instance, Knowledge and Information Systems, 2016, doi: 10.1007/s10115-016-0938-8, 1-21
3. **Crișan G.C.**, Nechita, E., Palade, V. - Ant-Based System Analysis on the Traveling Salesman Problem Under Real-World Settings, In: Hatzilygeroudis, I. et al (Eds.) Combinations of Intelligent Methods and Applications: Proceedings of the 4th International Workshop, CIMA 2014, Limassol, Cyprus, November 2014 (at ICTAI 2014), 2016, Springer International Publishing, 39-59
4. Pinte C.M., Ludwig S.A., **Crișan G.C.** - Adaptability of a Discrete PSO Algorithm applied to the Traveling Salesman Problem with Fuzzy Data, Proc. of IEEE Congress on Fuzzy Systems (FUZZ-IEEE-2015), Istanbul, 2015 DOI: 10.1109/FUZZ-IEEE.2015.7337839
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8. Czibula G, **Crișan G.C.**, Pinte C.M., Czibula I.G. - Soft Computing approaches on the Bandwidth Problem, Informatica, 24, 2, 169-180, 2013
9. **Crișan G.C.**- On robustness of Ant Colony Optimization, Scientific Studies and Research Series Mathematics and Informatics, 23, 1, 23-28, 2013
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