Lista de lucrări

Lista celor mai relevante lucrări (publicații):

1. **Képes T**, Gaskó N, Lung RI, Suciu MA. Influence Maximization and Extremal Optimization. InHybrid Artificial Intelligent Systems: 14th International Conference, HAIS 2019, León, Spain, September 4–6, 2019, Proceedings 14 2019 (pp. 416-427). Springer International Publishing.
2. Gaskó N, Suciu MA, **Képes T**, Lung RI. Shapley value and extremal optimization for the network influence maximization problem. In2019 21st International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC) 2019 Sep 4 (pp. 182-189). IEEE.
3. **Képes TZ**. The critical node detection problem in hypergraphs using weighted node degree centrality. PeerJ computer science. 2023 May 3;9:e1351.

Teză doctorat (în curs de desfășurare)

Titlu în engleză: Computational Intelligence Models for Influence Problems
Titlu în română: Modele de inteligență computațională pentru rezolvarea problemelor de influență
Conducător: prof. dr. Horia F. Pop

Alte publicații:

1. Gaskó N, **Képes T**, Suciu MA, Lung RI. Considerations about using the Shapley Value for Influence Maximization in the case of the Weighted Cascade Model. In2020 IEEE 18th World Symposium on Applied Machine Intelligence and Informatics (SAMI) 2020 Jan 23 (pp. 257-262).
2. Suciu MA, Gaskó N, **Képes T**, Lung RI. A simple genetic algorithm for the critical node detection problem. InInternational Conference on Hybrid Artificial Intelligence Systems 2021 Sep 15 (pp. 124-133). Cham: Springer International Publishing
3. Gaskó N, **Képes T**, Suciu M, Lung RI. Critical node detection for maximization of connected components: an extremal optimization approach. InInternational Workshop on Soft Computing Models in Industrial and Environmental Applications 2021 Sep 22 (pp. 502-511). Cham: Springer International Publishing.
4. Gaskó N, Suciu M, Lung RI, **Képes T**. An evolutionary approach for critical node detection in hypergraphs. A case study of an inflation economic network. InInternational Conference on Intelligent Systems Design and Applications 2021 Dec 13 (pp. 1110-1117). Cham: Springer International Publishing.
5. **Képes T**, Gaskó N, Vekov G. The Combined Critical Node and Edge Detection Problem. An Evolutionary Approach. InInternational Conference on Parallel Problem Solving from Nature 2022 Aug 14 (pp. 324-338). Cham: Springer International Publishing
6. Gaskó N, **Képes T**, Suciu M, Lung RI. An Extremal Optimization Approach to the Pairwise Connectivity Critical Node Detection Problem. InInternational Workshop on Soft

Computing Models in Industrial and Environmental Applications 2022 Sep 5 (pp. 109-118). Cham: Springer Nature Switzerland
7. Gaskó N, **Képes T**, Lung RI, Suciu M. Identification of influential nodes with Shapley Influence Maximization Extremal Optimization algorithm. Applied Soft Computing. 2023 Oct 1;146:110653
8. Gaskó N, Suciu MA, Ioana Lung R, **Képes T**. A Pseudo-Deterministic Noisy Extremal Optimization algorithm for the pairwise connectivity Critical Node Detection Problem. Logic Journal of the IGPL. 2024 May 20:jzae056