Библиографија – Марко Ђукановић

Радови са Web of Science у посљедњих 5 година

1. Zec,T., **Djukanovic,M.** & Matic, D. (2023). The signed (total) Roman domination prblem on some classes of planar graphs -- convex polytopes, Discrete Mathematics, Algorithms and Applications (accepted, to appear, IF: **1.2**)

2. **Djukanovic,M.**, Kartelj, A. & Blum, C. (2023). Self-Adaptive Cmsa for Solving the Multidimensional Multi-Way Number Partitioning Problem. Expert Systems with Applications, 232: 120762 (IF: **8.5**)

3. Kartelj, A. & **Djukanovic, M.** (2023). RILS-ROLS: Robust Symbolic Regression via Iterated Local Search and Ordinary Least Squares. Journal of Big Data 10 (71), 1-28 (IF: **10.1**)

4. Kapunac, S., Kartelj, A., & Djukanovic, M. (2023). Variable Neighborhood Search for Weighted Total Domination Problem and Its Application in Social Network Information Spreading. Applied Soft Computing 110387 (IF: **8.7**)

5. **Djukanovic, M.**, Kartelj A., Matić D., Grbić M., Blum C., & Raidl, G. R. (2022). Graph search and variable neighborhood search for finding constrained longest common subsequences in artificial and real gene sequences. Applied Soft Computing, 122, 108844 (IF: **6.725**)

6.Nikolic, B., **Djukanovic, M.** & Matic, D. (2022). New mixed-integer linear programming model for solving the multidimensional multi-way number partitioning problem. Comp. Appl. Math. 41, 119 (IF: **2.239**)

7. Nikolic, B., Kartelj, A., **Djukanovic, M.**, Grbic, M., Blum, C. & Raidl G. (2021) Solving the Longest Common Subsequence Problem Concerning Non-Uniform Distributions of Letters in Input Strings. Mathematics, 9(13):1515. (IF: **2.258**)

8. Blum, C., **Djukanovic, M.**, Santini, A., Jiang, H., Li, C. M., Manyà, F., & Raidl, G. R. (2021). Solving longest common subsequence problems via a transformation to the maximum clique problem. Computers & Operations Research, 125, 105089. (IF: **4.008**)

9. **Djukanovic, M.**, Berger, C., Raidl, G. R., & Blum, C. (2021). An A* search algorithm for the constrained longest common subsequence problem. Information Processing Letters, 166, 106041. (IF: **0.959**)

10. **Djukanovic, M.**, Raidl, G. R., & Blum, C. (2020). Anytime algorithms for the longest common palindromic subsequence problem. Computers & Operations Research, 114, 104827. (IF: **4.008**)

11. **Djukanovic, M.**, Raidl, G. R., & Blum, C. (2020). Finding Longest Common Subsequences: New anytime A* search results. Applied Soft Computing, 95, 106499. (IF: **6.725**)

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1. Predojević M., **Đukanović M.**, Grbić M., Dragan M. (2021). Can greedy-like heuristics be useful for solving the Weighted Orthogonal Art Gallery Problem under regular grid discretization?. International Journal of Electrical Engineering and Computing 5 (2): 77–85

Радови у националним часописима (друга и трећа категорија) и зборницима и монографијама у посљедњих пет година

1. Predojević , M., Kartelj, A., & **Djukanović , M.** (2023). Variable neighborhood search for solving the k-domination problem. In Proceedings of the Companion Conference on Genetic and Evolutionary Computation (pp. 239-242), Lisbon, Portugal.

2. **Djukanović , M.**, Kartelj, A. (2023). Integrating Top-level Constraints into a Symbolic Regression Search Algorithm. In 2023 Second Serbian International Conference on Applied Artifi cial Intelligence (SICAAI), Kragujevac, Serbia.

3. **Djukanovic, M.**, Matic, D., Blum, C., & Kartelj, A. (2022). Application of A* to the Generalized Constrained Longest Common Subsequence Problem with Many Pattern Strings. In International Conference on Pattern Recognition and Artificial Intelligence (pp. 53-64). Springer, Cham.

4. Jaguzović , M., Grbić , M., **Đukanović , M.**, and Matić . D. (2022) Identifi cation of protein complexes by overlapping community detection algorithms: A comparative study. In Proceedings of 21st International Symposium INFOTEH-JAHORINA (INFOTEH). pp. 1-6, doi:10.1109/INFOTEH53737.2022.9751314.

5. Zec, T., Kartelj, A., **Djukanović , M.**, Grbić , M., and Matić , D. (2021). Statistical analysis of correlation between weather parameters and new COVID-19 cases: a case study of Bosnia and Herzegovina. In Proceedings of 15th International Conference on INnovations in Intelligent SysTems and Applications (INISTA). pp. 1-6

6. Crnogorac,V., Grbić , M., **Đukanović , M.**, and Matić , D. (2021). Clustering of European countries and territories based on cumulative relative number of COVID 19 patients in 2020. In Proceedings of 20th International Symposium INFOTEH-JAHORINA (INFOTEH). pp. 1-6, doi: 10.1109/INFOTEH51037.2021.9400670.

7. **Djukanovic, M.**, Berger, C., Raidl, G.R., Blum, C. (2020). On Solving a Generalized Constrained Longest Common Subsequence Problem . In Optimization and Applications. OPTIMA 2020. Lecture Notes in Computer Science(), vol 12422.Springer, Cham.

8. Horn, M., **Djukanovic, M.**, Blum, C., Raidl, G.R. (2020). On the Use of Decision Diagrams for Finding Repetition-Free Longest Common Subsequences . In Optimization and Applications. OPTIMA 2020. Lecture Notes in Computer Science(), vol 12422. Springer, Cham.

9. **Djukanovic, M.**, Raidl, G.R., Blum, C. (2020). A Heuristic Approach for Solving the Longest Common Square Subsequence Problem. In Computer Aided Systems Theory – EUROCAST 2019. EUROCAST 2019. Lecture Notes in Computer Science(), vol 12013. Springer, Cham.

10. **Djukanovic, M.**, Raidl, G.R., Blum, C. (2019). A Beam Search for the Longest Common Subsequence Problem Guided by a Novel Approximate Expected Length Calculation . In Machine Learning, Optimization, and Data Science. LOD 2019. Lecture Notes in Computer Science(), vol 11943. Springer, Cham.

11. **Djukanovic, M.**, Raidl, G.R., Blum, C. (2018). Exact and Heuristic Approaches for the Longest Common Palindromic Subsequence Problem . In Learning and Intelligent Optimization. LION 12 2018. Lecture Notes in Computer Science(), vol 11353. Springer, Cham.