



## Projekta Izp-2020/2-0311 rezultāti

### Nestriktās matemātiskās morfoloģijas attīstība attēlu apstrādes metožu pilnveidošanai

*Oriģināli zinātniskie raksti, kas publicēti zinātniskos žurnālos, rakstu krājumos vai konferenču rakstu krājumos, kuri ir indeksēti datu bāzēs Web of Science Core Collection, SCOPUS vai ERIH PLUS*

1. Krastins, M.; Uljane, I.; Sostak, A. Application of Graded Fuzzy Preconcept Lattices in Risk Analysis. - 13th International Joint Conference on Computational Intelligence (IJCCI) / 13th International Conference on Evolutionary Computation Theory and Applications (ECTA), Electr Network, Oct 25-27, 2021; Scitepress: SETUBAL, 2021; pp 177-184.  
<https://doi.org/10.5220/0010656500003063>
2. Šostak, A.; Krastiņš, M.; Uljane, I. Graded concept lattices in fuzzy rough set theory. - 16th International Conference on Concept Lattices and Their Applications, CLA 2022, Palacky University Olomouc: Vol. 3308, pp 19-33.
3. Šostak, A.; Krastiņš, M.; Uljane, I. Graded concept lattices in fuzzy rough set theory. In 16th International Conference on Concept Lattices and Their Applications, CLA 2022, CEUR-WS: Vol. 3308, pp 19-33.
4. Šostak, A.; Uljane, I. Fuzzy Relations: The Fundament for Fuzzy Rough Approximation, Fuzzy Concept Analysis and Fuzzy Mathematical Morphology. - Studies in Computational Intelligence, Springer Science and Business Media Deutschland GmbH: 2023; Vol. 1040, pp 25-35.
5. Sostak, A.; Uljane, I.; Krastins, M. Gradation of Fuzzy Preconcept Lattices. – Axioms, 2021, 10 (1), 18, <https://doi.org/10.3390/axioms10010041>
6. Sostak, A.; Uljane, I. On Two Categories of Many-Level Fuzzy Morphological Spaces. - Computational Intelligence and Mathematics for Tackling Complex Problems, 2, 2022, pp.207-217. [https://doi.org/10.1007/978-3-030-88817-6\\_24](https://doi.org/10.1007/978-3-030-88817-6_24)
7. Sostak, A.; Uljane, I.; Eklund, P. Aggregation Operators in Fuzzy Relational Mathematical Morphology: Erosion and Dilation. - Studies in Computational Intelligence, 959, 2022, pp. 57-71.

