



## Projekta Izp-2018/2-0338 rezultāti

### Uz nestriktās loģikas balstītas risku novērtēšanas tehnoloģiju izveide, lietojot agregācijas uz attiecību pamata

*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. Šostak, A.; Uljane, I. Some remarks on topological structures in the context of fuzzy relational mathematical morphology. - 11th Conference of the European Society for Fuzzy Logic and Technology, EUSFLAT 2019, 2020; Novak, V., Marik, V., Stepnicka, M., Navara, M., Hurtik, P., Eds.; Atlantis Press: pp 776-783.
2. Šostak, A.; Elkins, A.; Uljane, I. Many-level fuzzy rough approximation spaces induced by many-level fuzzy preorders and the related ditopological structures. - 11th Conference of the European Society for Fuzzy Logic and Technology, EUSFLAT 2019, 2020, Atlantis Press: pp 281-288.
3. Krastiņš, M. Fuzzy approach based money laundering risk assessment. - 11th Conference of the European Society for Fuzzy Logic and Technology, EUSFLAT 2019, 2020, Atlantis Press: pp 610-613.
4. Krastiņš, M. On Aggregation of Risk Levels Using T-Conorms. - 16th International Conference on Modeling Decisions for Artificial Intelligence, MDAI 2019; Springer Verlag: 2019; Vol. 11676 LNAI, pp 105-112.
5. Grigorenko, O.; Miñana, J. J.; Šostak, A.; Valero, O. On t-conorm based fuzzy (pseudo)metrics. – Axioms, 2020, 9 (9), <https://doi.org/10.3390/AXIOMS9030078>
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7. T. Öner, A. Šostak. Some remarks on fuzzy sb-metric spaces. - Mathematics, 8 (12), art. no. 2123, 2020, pp. 1-19. <https://doi.org/10.3390/math8122123>
8. S. Asmuss, P. Orlovs. Fuzzy metric approach to aggregation of risk levels. - Studies in Computational Intelligence, V. 819, 2020, pp. 175-181. [https://doi.org/10.1007/978-3-030-16024-1\\_22](https://doi.org/10.1007/978-3-030-16024-1_22)



9. R. Lama, S. Asmuss, Optimization under fuzzy max-t-norm relation constraints. - Studies in Computational Intelligence, V. 819, 2020, pp. 131-137. [https://doi.org/10.1007/978-3-030-16024-1\\_17](https://doi.org/10.1007/978-3-030-16024-1_17)
10. A. Šostak, I. Uljane, P. Eklund, Fuzzy relational mathematical morphology: Erosion and dilation. - Communication in Computer and Information Science, V. 1239 CCIS, 2020, pp. 712-725. [https://doi.org/10.1007/978-3-030-50153-2\\_52](https://doi.org/10.1007/978-3-030-50153-2_52)
11. A. Šostak, I. Uljane, A. Elkins, On the measure of fuzzy rough approximation for L-fuzzy sets. - Studies in Computational Intelligence, V. 819, 2020, pp. 183-190. [https://doi.org/10.1007/978-3-030-16024-1\\_23](https://doi.org/10.1007/978-3-030-16024-1_23)

