

ПЪЛЕН СПИСЪК ОТ СТАТИИ

16 декември 2020 г.

1. Stefan Gerdjikov, José Ramon González de Mendivil, Conditions for the existence of maximal factorizations, *Fuzzy Sets and Systems*, vol. 397, pp. 186 – 196, 2020, ISSN: 0165-0114, doi:10.1016/j.fss.2019.07.006
2. Stefan Gerdjikov, Stoyan Mihov, Klaus U. Schulz, Space-Efficient Bimachine Construction Based on the Equalizer Accumulation Principle, *Theoretical Computer Science*, vol. 790, pp. 80 – 95, 2019, doi:10.1016/j.tcs.2019.04.027
3. Stefan Gerdjikov, Generalised Twinning Property, 23rd International Conference on Implementation and Applications of Automata, pp. 173 – 185, 2018, ISBN: 978-3-319-94811-9, doi:10.1007/978-3-319-94812-6_15
4. Stefan Gerdjikov, A General Class of Monoids Supporting Canonisation and Minimisation of (Sub)sequential Transducers, *Proceedings of the 12th International Conference on Language and Automata Theory and Applications, LATA 2018*, pp. 143 – 155, 2018, ISBN:978-3-319-77312-4, doi:10.1007/978-3-319-77313-1_11.
5. Stefan Gerdjikov, Stoyan Mihov, Klaus U. Schulz, A Simple Method for Building Bimachines from Functional Finite-State Transducers, *Proceedings of the 22nd International Conference Implementation and Application of Automata, CIAA 2017*, pp. 113 – 125, 2017, ISBN:978-3-319-60133-5, doi:10.1007/978-3-319-60134-2_10
6. Stefan Gerdjikov, Stoyan Mihov, Over which Monoids is the Transducer Determinization Procedure Applicable?, In *Proceedings of Language and Automata Theory and Applications, 11th International Conference LATA 2017 Umeå, Sweden, March 6-9*, pp. 380 –392, 2017, ISBN: 978-3-319-53732-0, doi:10.1007/978-3-319-53733-7_28
7. Sebastian Wandelt, Dong Deng, Stefan Gerdjikov, Shashwat Mishra, Petar Mitankin, Manish Patil, Enrico Siragusa, Alexander Tiskin, Wei Wang, Jiaying Wang, State-of-the-art in string similarity search and join, *ACM SIGMOD Record*, vol. 43, 1, pp. 64 – 76, 2014, ISSN: 0163-5808, doi:10.1145/2627692.2627706
8. Petar Mitankin, Stefan Gerdjikov, Stoyan Mihov, An approach to unsupervised historical text normalization, *Proceedings of the First International Conference on Digital Access to Textual Cultural Heritage*, pp. 29 – 34, 2014, ISBN:978-1-4503-2588-2, doi:10.1145/2595188.2595191
9. Andrey Sariev, Vladislav Nenchev, Stefan Gerdjikov, Petar Mitankin, Hristo Ganchev, Stoyan Mihov, Tinko Tinchev, Flexible Noisy Text Correction, *Proceedings of 11th IAPR International Workshop On Document Analysis Systems*, pp. 31 – 35, 2014, ISBN: 978-1-4799-3243-6, doi:10.1109/DAS.2014.12

10. Stefan Gerdjikov, Asymptotically Fastest Sorting Algorithm For Almost Sorted Arrays, Annual of Sofia University "St. Kliment Ohridski" Faculty of Mathematics and Informatics, vol. 101, pp. 43 – 50, 2013
11. Stefan Gerdjikov, Stoyan Mihov, Vladislav Nenchev, Extraction of spelling variations from language structure for noisy text correction, In Proceedings of ICDAR 2013, pp. 324 – 328, 2013, ISBN: 978-0-7695-4999-6, doi:10.1109/ICDAR.2013.72
12. Stefan Gerdjikov, Petar Mitankin, Vladislav Nenchev, Realization of common statistical methods in computational linguistics with functional automata, In Proceedings of Recent Advances in Natural Language Processing (RANLP) 2013, pp. 294 – 301, 2013, ISSN:1313-8502
13. Stefan Gerdjikov, Stoyan Mihov, Petar Mitankin, Klaus U. Schulz, Wallbreaker - overcoming the wall-effect in similarity search, In Proceedings of the 2013 Joint EDBT/ICDT Workshops, pp. 366 – 369, ISBN: 978-1-4503-1599-9, doi: 10.1145/2457317.2457385
14. Séamus Lawless, Cormac Hampson, Petar Mitankin, Stefan Gerdjikov, Normalisation in historical text collections, In Proceedings of Digital Humanities 2013, pp. 507 – 509, 2013
15. Stefan Gerdjikov, Some algebraic properties of alignments of words, Comptes rendus de l'Academie bulgare des Sciences, vol. 65, pp. 1311 – 1319, 2012
16. Stefan Gerdjikov, Alexander Wolff, Decomposing simple polygon into pseudo-triangle and convex polygons, Computational Geometry Theory and Applications, vol. 41, 1-2, pp. 21 – 30, ISSN: 0925-7721, 2008

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1. Stefan Gerdjikov, A General Class of Monoids Supporting Canonisation and Minimisation of (Sub)sequential Transducers, Proceedings of the 12th International Conference on Language and Automata Theory and Applications, LATA 2018, pp. 143 – 155, 2018, ISBN:978-3-319-77312-4, doi:10.1007978-3-319-77313-1_11.
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5. Stefan Gerdjikov, Alexander Wolff, Decomposing simple polygon into pseudo-triangle and convex polygons, Computational Geometry Theory and Applications, vol. 41, 1-2, pp. 21 – 30, ISSN: 0925-7721, 2008
6. Статия: Stefan Gerdjikov, José Ramon González de Mendivil, Conditions for the existence of maximal factorizations, Fuzzy Sets and Systems, vol. 397, pp. 186 – 196, 2020, ISSN: 0165-0114, doi:10.1016j.fss.2019.07.006
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