

List of Publications

Name: Ing. Josef Rukavička

Date: 22.02.2021

Web of Science:

- Rukavicka, Josef: *Upper Bound for Palindromic and Factor Complexity of Rich Words*, RAIRO-Theor. Inf. Appl., 55 (2021) 1.
- Rukavicka, Josef: *Upper bound for the number of closed and privileged words*, Information Processing Letters, Volume 156, 2020.
- Rukavicka, Josef: *Bijections in de Bruijn Graphs*, Ars Combinatoria, Volume CXLIII, January, 2019, pp. 215-226.
- Rukavicka, Josef: *On the Number of Rich Words*, In: Charlier É., Leroy J., Rigo M. (eds) Developments in Language Theory. DLT 2017. Lecture Notes in Computer Science, vol 10396. Springer, Cham.
- Rukavicka, Josef: *A note on divisors of multinomial coefficients*, Archiv der Mathematik, Volume 104, Issue 6, Page 531-537, Published 2015.
- Rukavicka, Josef: *Dickson's Method for Generating Pythagorean Triples Revisited*, European Journal of Pure and Applied Mathematics, Volume 6, Issue 3, Page 363-364, Published 2013.
- Rukavicka, Josef: *On generalized Dyck paths*, Electronic Journal of Combinatorics, Volume 18, Issue 1, Published 2011.

Other Peer Reviewed Publications:

- Rukavicka, Josef: *Palindromic Length of Words with Many Periodic Palindromes*, In: Jirásková G., Pighizzini G. (eds) Descriptive Complexity of Formal Systems. DCFS 2020. Lecture Notes in Computer Science, vol 12442. Springer, Cham.
- Rukavicka, Josef: *Transition Property for α -Power Free Languages with $\alpha \geq 2$ and $k \geq 3$ Letters*, In: Jonoska N., Savchuk D. (eds) Developments in Language Theory. DLT 2020. Lecture Notes in Computer Science, vol 12086. Springer, Cham.
- Rukavicka, Josef: *Rich Words Containing Two Given Factors*, In: Mercaş R., Reidenbach D. (eds) Combinatorics on Words. WORDS 2019. Lecture Notes in Computer Science, vol 11682. Springer, Cham.
- Rukavicka, Josef: *Rejection of Laplace's Demon*, The American Mathematical Monthly, 121(6), p. 498, Published 2014.

Submitted:

- Rukavicka, Josef: *Dissecting Power of a Finite Intersection of Deterministic Context Free Languages*, 2020, <https://arxiv.org/abs/2006.15160>.
- Rukavicka, Josef: *A Unique Extension of Rich Words*, 2019, <https://arxiv.org/abs/1910.00826>.