

Publication lista 2020 – Zoltán Lóránt Nagy

Published papers

- 1) A. GÁCS, T. HÉGER, Z. L. NAGY AND D. PÁLVÖLGYI, Permutations, hyperplanes and polynomials over finite fields, *Finite Fields Appl.*, **16**, (2010) 301-314.
- 2) Z. L. NAGY, A Multipartite Version of the Turán Problem - Density Conditions and Eigenvalues, *Electronic J. Combinatorics*, **18(1)**, P46, (2011) 15pp.
- 3) P. CSIKVÁRI, Z. L. NAGY, The Density Turán problem, *Combinatorics, Probability and Computing*, **21(4)**, (2012) 531-553.
- 4) Z. KIRÁLY, Z. L. NAGY, D. PÁLVÖLGYI, M. VISONTAI On families of weakly cross-intersecting set-pairs, *Fundamenta Informaticae* **117**, (2012) 189-198.
- 5) Z. L. NAGY, L. ÖZKAHYA, B. PATKÓS, M. VIZER, On the ratio of maximum and minimum degree in maximal intersecting families, *Discrete Mathematics* **313(2)**, (2013) 207-211.
- 6) A. GRZESIK, M. MIKALACKI, Z. L. NAGY, A. NAOR, B. PATKÓS, F. SKERMAN, Avoider-Enforcer star games, *Proc. of European Conference on Combinatorics, Graph Theory and Applications - Eurocomb 2013*, Pisa, Italy, pp. 375-379.
- 7) GY. KÁROLYI, Z. L. NAGY, A simple proof of the Zeilberger—Bressoud q-Dyson theorem, *Proceedings of the AMS* **142**, (2014) 3007-3011.
- 8) Z. L. NAGY, Permutations over cyclic groups, *European J. Combinatorics*, **41**, (2014) 68-78.
- 9) Y. KIM, M. KUMBHAT, Z.L. NAGY, B. PATKÓS, A. POKROVSKIY, M. VIZER, Identifying codes and searching with balls in graphs, *Discrete Applied Mathematics*, **193**, (2015) 39-47.
- 10) A. GRZESIK, M. MIKALACKI, Z. L. NAGY, A. NAOR, B. PATKÓS, F. SKERMAN, Avoider-Enforcer star games, *Discrete Mathematics Theoretical Computer Science* **171(1)**, (2015) 145-160.
- 11) GY. KÁROLYI, Z. L. NAGY, F. PETROV, V. VOLKOV, A new approach to constant term identities and Selberg-type integrals, *Advances in Mathematics*, **277**, (2015) 252-282.
- 12) Z. L. NAGY, B. PATKÓS, On the number of maximal intersecting k -uniform families and further applications of Tuza's set pair method, *Electronic J. Combinatorics*. **22(1)** P1.83 (2015) 10pp

- 13) Z. L. NAGY, Density version of the Ramsey problem and the directed Ramsey problem, *Australasian J. Combinatorics* **66** (2016) 240-255
- 14) Z. L. NAGY, On the number of k -dominating independent sets, *J. Graph Theory*, **84(4)**, (2017) 566-580.
- 15) T. HÉGER, Z. L. NAGY, Dominating sets in projective planes, *J. Combinatorial Designs*, **25(7)**, (2017) 293-309.
- 16) Z. L. BLÁZSIK, Z. L. NAGY, Partition dimension of projective planes, *European J. Combinatorics*, **65**, (2017) 37-44.
- 17) Z. L. NAGY, Generalizing Erdős, Moon and Moser's result ? The number of k -dominating independent sets, *Electronic Notes in Discrete Mathematics*, **61**, (2017) 909-915.
- 18) Z. L. NAGY, Saturating sets in projective planes and hypergraph covers, *Discrete Mathematics*, **341**, (2018) 1078-1083.
- 19) Z. L. NAGY, Coupon-Coloring and total domination in Hamiltonian planar triangulations, *Graphs and Combinatorics* **34(6)**, (2018) 1385-1394.
- 20) J. BARÁT, Z. L. NAGY, Transversals in generalized Latin squares, *Ars Mathematica Contemporanea* **16(1)**, (2019) 39-47.
- 21) Z. L. NAGY, Supersaturation of C_4 : from Zarankiewicz towards Erdős-Simonovits-Sidorenko, *European J. Combinatorics* **75**, (2019) 19-31.
- 22) Z. L. BLÁZSIK, Z. L. NAGY, Spreading linear triple systems and expander triple systems, *Acta Mathematicae Universitatis Comenianae*, **88(3)**, (2019) 977-984.

Manuscripts

- 23) G. DAMÁSDI, L. MARTÍNEZ-SANDOVAL, D. T. NAGY Z. L. NAGY, Triangle areas determined by arrangements of planar lines, arXiv preprint, (2019)
- 24) A. GRZESIK, O. JANZER, Z. L. NAGY, The Turán number of blow-ups of trees, arXiv preprint, (2019)
- 25) Z. L. BLÁZSIK, Z. L. NAGY, Spreading linear triple systems and expander triple systems, arXiv preprint, (2019)