

## LIST OF PUBLICATIONS

Ervin Győri

### Books, book chapters

1. E. Győri, A. Hubenko, Graph Theory, University Lecture Notes, 1999 (in Hungarian)
2. E. Győri, Combinatorics ( in *Contests in Higher Mathematics*, ed. Gábor J. Székely, Springer, 1996)
3. E. Győri E, G.O.H.Katona, L.Lovász, More sets, graphs and numbers.: a salute to Vera Ss and Andrs Hajnal, Bolyai Society Mathematical Studies 15(2006), Springer Verlag - Bolyai Mathematical Society, 405 p.
4. E. Győri, G.O.H.Katona, L.Lovász, G.Sági, Horizons of Combinatorics, Bolyai Society Mathematical Studies 17(2008) Springer Verlag - Bolyai Mathematical Society, 280 p.

### Research papers

1. E. Győri, Végtelen matroidok összehasonlítása (Comparison of infinite matroids). Mat. Lapok, 26(1975) 311-318 (in Hungarian).
2. E. Győri, On the structures induced by bipartite graphs and infinite matroids, Discrete Math. 22(1978) 257-261.
3. E. Győri, E. C. Milner, A theorem of the transversal theory for matroids of finite character, Discrete Math. 23(1978) 235-240.
4. E. Győri, On division of graphs to connected subgraphs, Combinatorics, Proc. 5th Hungarian Combinatorial Coll., Keszthely, 1976, 485- 494.
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6. E. Győri, A. V. Kostochka, On a problem of G. O. H. Katona and T. Tarján, Acta Math. Acad. Sci. Hung. 34(1979) 321-327.
7. E. Győri, Strongly connected digraphs with few cycles, Algebraic Methods in Graph Theory, Proc. Coll. Math. Soc. János Bolyai, Szeged, 1978, 251-265.
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12. E. Győri, partitions of  $n$ -connected graphs, Graphs and Other Combinatorial Topics, Proc. 3rd Czechoslovak Symp. on Graph Theory, Prague, 1982, 80-85.
13. E. Győri, Oracle technique in lower estimation of complexity, Algebra, Combinatorics and Logic in Computer Science, Proc. Coll. Math. Soc. János Bolyai, Győr (Hungary), 1983, 433-441.
14. E. Győri, A minimax theorem on intervals, J. Combinatorial Th. B, 37(1984) 1-9.

15. E. Győri, Covering simply connected regions by rectangles, *Combinatorica* 5(1985) 53-55.
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17. E. Győri, B. Rothschild, A. Rucinski, Every graph is contained in a sparsest possible balanced graph, *Math. Proc. Cambr. Phil. Soc.*, 98(1985) 397- 401.
18. N. Alon, E. Győri, The number of small semispaces of a finite set of points in the plane, *J. Combinatorial Th., A*, 41(1986) 154-157.
19. E. Győri, A short proof of the rectilinear art gallery theorem, *SIAM J. on Algebraic and Discrete Methods*, 7(1986) 452-454.
20. E. Győri, Zs. Tuza, Decomposition of graphs into complete subgraphs of given order, *Studia Sci. Math. Hung.* 22(1987) 315-320.
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22. E. Győri, On the proof of Winklers's four-thirds conjecture, *Congressus Numerantium*, 61(1988) 259-262.
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52. E. Győri, C. Palmer, A new type of edge-derived vertex coloring, *Discrete Math* 309(2009) 6344-6352.
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56. A. Apostolico, P.L. Erdos, E. Győri, Z. Liptak, C. Pizzi, Efficient Algorithms for the Periodic Subgraphs Mining Problem, submitted to *Journal of Discrete Algorithms*
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63. E. Gyóri, G.Y. Katona, N. Lemons, Paths in Hypergraphs, manuscript
64. E. Gyóri, S. Kensell, On the intersection of longest paths, manuscript