

Lista publikacji

1. M.Woźniak, *Istnienie i jednoznaczność słabego rozwiązania zlinearyzowanego równania konwekcji*, Mat. Symp. Nauk. nt. Zast. Mat., Niedów 1977, 94–100.
2. M.Capiński, B.Szafirski i M.Woźniak, *Equivalence of two definitions of statistical solutions of heat equation*, Zeszyty Naukowe UJ, Prace Mat. **21** (1979), 71–79.
3. M.Woźniak, *The Navier-Stokes type equations*, Universitatis Jagellonicae Acta Mathematica, Fasciculus XXV (1985), 31–46.
4. A.P.Wojda i M.Woźniak, *Packing and extremal digraphs*, Ars Combinatoria **20 B** (1985), 71-73.
5. A.P.Wojda and M.Woźniak *Hamiltonian properties of balanced bipartite digraphs*, Graphs, Hypergraphs and Matroids III, M.Borowiecki i Z.Skupień (Eds), Zielona Góra 1989, 179–186.
6. A.P.Wojda and M.Woźniak *Stability, total vertices and hamiltonian cycles*, Ars Combinatoria **32** (1991), 345-350.
7. A.P.Wojda and M.Woźniak *Orientations of hamiltonian cycles in bipartite digraphs*, Colloq. Math. Soc. J. Bolyai **60** (1991), 719–726.
8. M.Woźniak, *A note on embedding graphs without small cycles*, Colloq. Math. Soc. J. Bolyai **60** (1991), 727-732.
9. M.Woźniak *Maximal nonhamiltonian graphs, stability and total vertices*, Demonstratio Mathematica **25-3** (1992), 447-456.

10. M.Woźniak, *Embedding of graphs in the complements of their squares*, Fourth Czechoslovakian Symp. on Combinatorics, Graphs and Complexity, J.Nesetril i M.Fiedler (Eds), Elsevier Science Publishers B.V.,1992, 345-349.
11. M.Woźniak, *Minimal order of a bipartite graph with exactly q quadrilaterals*, Discrete Math. **121** (1993), 229-233.
12. M.Woźniak and A.P.Wojda, *Triple placement of graphs*, Graphs and Combinatorics **9** (1993), 85-91.
13. M.Woźniak, *Embedding graphs of small size*, Discrete Applied Math. **51** (1994), 233-241.
14. M.Woźniak, *A note on careful packing of a graph*, Disscutiones Mathematicae, Graph Theory Series **15** (1995), 43-50.
15. M.Woźniak, *On the Erdős-Sós conjecture*, J. Graph Theory **21** (2) (1996), 229-234.
16. M.Woźniak, *Packing three trees*, Discrete Math. **150** (1996), 393-402.
17. M.Mahéo, J-F.Saclé and M.Woźniak, *Edge-disjoit placement of three trees*, Europ. J. Combinatorics **17** (1996), 543-563.
18. J-F.Saclé and M.Woźniak, *A note on packing of three forests*, Discrete Math. **164** (1997), 265-274.
19. J-F.Saclé and M.Woźniak, *A note on graphs which contain each tree of given size*, Discrete Math. **165-166** (1997), 599-605.
20. M.Woźniak, *Packing of Graphs*, Dissertationes Mathematicae **362** (1997), pp.78.
21. J-F.Saclé and M.Woźniak, *The Erdős-Sós conjecture for graphs without C_4* , J. Combin. Theory, Series **B 70** (2) (1997), 367-372.
22. M.Woźniak, *A note on uniquely embeddable graphs*, Discussiones Mathematicae-Graph Theory, **18** (1998), 15-21.

23. C.Bazgan, A.Harkat-Benhamdine, H.Li and M.Woźniak, *On the vertex-distinguishing proper edge-colorings of graphs*, J. Combin. Theory, Series B **75** (1999), 288–301.
24. M.Woźniak, *On cyclically embeddable graphs*, Discussiones Mathematicae-Graph Theory **19** (2) (1999), 241–248.
25. H.Kheddouci, J-F.Saclé and M.Woźniak, *Packing two copies of a tree into its fourth power*, Discrete Math. **213** (2000), 169–178.
26. C.Bazgan, H.Li and M.Woźniak, *On the Loebel-Komlós-Sós conjecture*, J. Graph Theory, **34** (2000), 269–276.
27. M.Woźniak, *Note on compact packing of a graph*, Discrete Math. **233** (2001), 205–210.
28. C.Bazgan, A.Harkat-Benhamdine, H.Li and M.Woźniak, *A note on the vertex-distinguishing proper colorings of graphs with large minimum degree*. Discrete Math. **236** (2001), 37–42.
29. H.Kheddouci, S.Marshall, J-F.Saclé and M.Woźniak, *On the packing of three graphs*, Discrete Math. **236** (2001), 197–225.
30. C.Bazgan, A.Harkat-Benhamdine, H.Li and M.Woźniak, *Partitioning vertices of 1-tough graphs into paths*, Theoretical Computer Science **263** (1-2) (2001), 255–261.
31. E.Flandrin, H.Li, A.Marczyk i M.Woźniak, *A note on a new condition implying pancyclism*, Discussiones Mathematicae-Graph Theory **21** (2001), 137–143.
32. M.Woźniak, *On cyclically embeddable $(n, n - 1)$ graphs*, Discrete Math. **251** (2002), 173–179.
33. M.Horňák and M.Woźniak, *Decomposition of complete bipartite even graphs into closed trails*, Czechoslovak Math. Journal **53** (1) (2003), 127–134.
34. A.Görlich, M.Pilśniak i M.Woźniak, *On cyclically embeddable (n, n) -graphs*, Discussiones Mathematicae-Graph Theory **23** (1) (2003), 85–104.

35. A.Marczyk i M.Woźniak, *Cycles in hamiltonian graphs of prescribed maximum degree*, Discrete Math. **266** (2003), 321–326.
36. M. Horňák, i M.Woźniak, *Arbitrarily vertex decomposable trees are of maximum degree at most six*, Opuscula Math. **23** (2003), 49–62.
37. M. Woźniak, *Packing two copies of a tree into planar graph*, Opuscula Math. **23** (2003), 95–97.
38. M.Woźniak, *Packing of graphs — some recent results and trends*, Studies, Math. Series **16** (2003), 115–120.
39. M.Woźniak, *Packing of graphs and permutation — a survey*, Discrete Math. **276** (2004), 379–391.
40. M. Horňák, Š. Pčola i M.Woźniak, *On the achromatic index of K_{q^2+q} for a prime q* , Graphs and Combin., **20** (2) (2004), 191–203.
41. E. Flandrin, H. Li, A. Marczyk i M. Woźniak, *A note on pancyclism of highly connected graphs*, Discrete Math., **286** (1-2) (2004), 57–60.
42. A. Görlich, M. Pilśniak, M. Woźniak i I.A. Ziolo, *A note on embedding graphs without short cycles*, Discrete Math., **286** (1-2) (2004), 75–77.
43. R. Rosiek i M. Woźniak, *A note introducing Cayley graphs and group-coset graphs generated by graph packing*, Opuscula Math. **24** (2) (2004), 203–221.
44. K. Taczuk i M. Woźniak, *A note on vertex-distinguishing index for some cubic graphs*, Opuscula Math. **24** (2) (2004), 223–229.
45. S. Brandt i M. Woźniak, *On cyclic packing of a tree*, Graphs and Combin. **20** (4) (2004), 435–442.
46. A.P. Wojda, M. Woźniak i I.A. Ziolo, *On self-complementary supergraphs of (n, n) graphs*, Discrete Math. **292** (1-3) (2005), 167–185.
47. E. Flandrin, H. Li, A. Marczyk i M. Woźniak, *A note on a generalization of Ore's condition*, Graphs and Combin., **21** (2005), 213–216.

48. J. Bucko, P. Mihók, J-F. Saclé i M. Woźniak, *A note on maximal common subgraphs of the Dirac's family of graphs*, *Discussiones Mathematicae-Graph Theory* **25** (3) (2005), 385–390.
49. S. Cichacz, A. Görlich, A. Marczyk, J. Przybyło i M. Woźniak, *Arbitrarily vertex decomposable caterpillars with four or five leaves*, *Discussiones Mathematicae-Graph Theory*, **26** (2) (2006), 291–305.
50. E. Flandrin, H. Li, A. Marczyk, I. Schiermeyer i M. Woźniak, *Chvátal-Erdős condition and pancyclism*, *Discussiones Mathematicae-Graph Theory*, **26** (2) (2006), 335–342.
51. A. Görlich, M. Pilśniak, M. Woźniak, *A note on a packing problem in transitive tournaments*, *Graphs and Combin.* **22** (2006), 233–239.
52. K. Edwards, M. Horňák i M. Woźniak, *On the neighbour-distinguishing index of a graph*, *Graphs and Combin.* **22** (2006), 341–350.
53. A. Görlich, R. Kalinowski, M. Meszka, M. Pilśniak i M. Woźniak, *A note on decompositions of transitive tournaments II*, *Australasian Journal of Combinatorics* **37** (2007), 57–66.
54. E. Flandrin, H. Li, A. Marczyk i M. Woźniak, *A generalization of Dirac's theorem on cycles through k vertices in k -connected graphs*, *Discrete Math.* **307** (7-8) (2007), 878–884.
55. A. Görlich, R. Kalinowski, M. Meszka, M. Pilśniak i M. Woźniak, *A note on decompositions of transitive tournaments*, *Discrete Math.* **307** (7-8) (2007), 896–904.
56. I. Schiermeyer and M. Woźniak, *New sufficient conditions for hamiltonian and pancyclic graphs*, *Discussiones Mathematicae-Graph Theory* **27** (1) (2007), 29–38.
57. M. Pilśniak and M. Woźniak, *A note on packing of two copies of a hypergraph*, *Discussiones Mathematicae-Graph Theory* **27** (1) (2007), 45–49.
58. A. Görlich, M. Pilśniak, M. Woźniak i I.A. Ziolo, *Fixed-point-free embeddings of digraphs with small size*, *Discrete Math.* **307** (11-12) (2007), 1332–1340.

59. E. Flandrin, H. Li, A. Marczyk i M. Woźniak, *A Chvátal-Erdős type condition for pancyclability*, Discrete Math. **307** (11-12) (2007), 1463–1466.
60. M. Horňák, Zs. Tuza and M. Woźniak, *On-line arbitrarily vertex decomposable trees*, Discrete Applied Math. **155** (11) (2007), 1420–1429.
61. A.P. Wojda, Mariusz Woźniak and I.A. Zioło, *On self-complementary cyclic packing of forests*, Electronic J. Combin. **14** (2007), # 62.
62. E. Győri, M. Horňák, C. Palmer and M. Woźniak, *General neighbour-distinguishing index of a graph*, Discrete Math. **308** (5-6) (2008), 827–831.
63. M. Horňák and M. Woźniak, *On arbitrarily vertex decomposable trees*, Discrete Math. **308** (7) (2008), 1268–1281.
64. S. Cichacz, J. Przybyło i M. Woźniak, *Irregular edge-colorings of sums of cycles of even lengths*, Australasian Journal of Combinatorics **40** (2008), 41–56.
65. S. Cichacz, Y. Egawa and M. Woźniak, *Arbitrary decompositions into open and closed trails*, Discrete Math., **309** (6) (2009), 1511–1516.
66. R. Kalinowski, M. Pilśniak, M. Woźniak and I.A. Zioło, *Arbitrarily vertex decomposable suns with few rays*, Discrete Math., **309** (11) (2009), 3726–3732.
67. S. Cichacz, J. Przybyło and M. Woźniak, *Decompositions of pseudo-graphs into closed trails of even sizes*, Discrete Math., **309** (2009), 4903–4908.
68. R. Kalinowski, M. Pilśniak, M. Woźniak, and I.A. Zioło, *On-line arbitrarily vertex decomposable suns*, Discrete Math., **309** (2009), 6328–6336.
69. H. Li and M. Woźniak, *A note on graphs containing all trees of a given size*, Ars Combin., **94** (2010).
70. J. Przybyło and M. Woźniak, *On a 1,2 Conjecture*, Discrete Math. Theoretical Computer Science, **12** (1) (2010), 101–108.

71. O. Baudon, F. Gilbert, M. Woźniak, *Recursively arbitrarily vertex-decomposable suns*, *Opuscula Math.* **31** (4) (2011), 533–547.
72. J. Przybyło and M. Woźniak, *Total weight choosability of graphs*, *Electronic J. Combin.*, **18** (1) (2011), # 112.
73. M. Piłśniak, M. Woźniak, *On packing of two copies of a hypergraph*, *Discrete Math. Theoretical Computer Science*, **13** (3) (2011), 67–74.
74. L. Plachta, J. Przybyło and M. Woźniak, *Seifert graphs and the braid index of classical and singular links*, *Discrete Mathematics* **312** (2012), 2819–2831.
75. M. Horňák, M. Woźniak, *On neighbour-distinguishing colourings from lists*, *Discrete Math. Theoretical Computer Science* **14** (2) (2012), 21–28.
76. O. Baudon, J. Przybyło, M. Woźniak, *On minimal arbitrarily partitionable graphs*, *Information Processing Letters* **112** (17-18) (2012), 697–700.
77. M. Horňák, A. Marczyk, I. Schiermeyer and M. Woźniak, *Dense Arbitrarily Vertex Decomposable Graphs*, *Graphs and Combinatorics* **28** (2012), 807–821.
78. O. Baudon, F. Gilbert, M. Woźniak, *Recursively arbitrarily vertex-decomposable graphs*, *Opuscula Math.* **32** (4) (2012), 689–706.
79. A. Kemnitz, J. Przybyło, I. Schiermeyer and M. Woźniak, *Rainbow Connection in Sparse Graphs*, *Discussiones Mathematicae-Graph Theory*, **33** (2013), 181–192.
80. J. Otfinowska and M. Woźniak, *A note on uniquely embeddable forests*, *Discussiones Mathematicae-Graph Theory*, **33** (2013), 193–201.
81. R. Kalinowski, M. Piłśniak, J. Przybyło, M. Woźniak, *Can Colour-blind Distinguish Colour Palettes?* *Electronic J. Combin.* **20** (2013), # 23.
82. E. Flandrin, A. Marczyk, J. Przybyło, J-F.Saclé i M. Woźniak, *Neighbor Sum Distinguishing Index*, *Graphs and Combinatorics* **29** (2013), 1329–1336.

83. O. Baudon, F. Foucaud, J. Przybyło and M. Woźniak, *On the structure of arbitrarily partitionable graphs with given connectivity*, Discrete Applied Math. **162** (2014), 381–385.
84. O. Baudon, J. Bensmail, J. Przybyło and M. Woźniak, *Partitioning powers of traceable or hamiltonian graphs*, Theoretical Computer Science, **520** (2014), 133–137.
85. R. Kalinowski, M. Pilśniak, J. Przybyło and M. Woźniak, *How to personalize the vertices of a graph?*, European Journal of Combinatorics, **40** (2014), 116–123.
86. M. Horňák, R. Kalinowski, M. Meszka and M. Woźniak, *Minimum Number of Palettes in Edge Colorings*, Graphs and Combinatorics **30** (2014), 619–626.
87. O. Baudon, J. Bensmail, R. Kalinowski, A. Marczyk, J. Przybyło, M. Woźniak, *On the Cartesian product of an arbitrarily partitionable graph and a traceable graph*, Discrete Mathematics and Theoretical Computer Science **16** (1) (2014), 225–232.
88. R. Kalinowski and M. Woźniak, *Edge-distinguishing index of a graph*, Graphs and Combinatorics **30** (6) (2014), 1469–1477.
89. O. Baudon, J. Bensmail, J. Przybyło and M. Woźniak, *On decomposing regular graphs into locally irregular subgraphs*, European Journal of Combinatorics **49** (2015), 90–104.
90. M. Pilśniak and M. Woźniak, *On the Total-Neighbor-Distinguishing Index by Sums*, Graphs and Combinatorics **31** (3) (2015), 771–782.
91. R. Kalinowski, M. Pilśniak, M. Woźniak, *Distinguishing graphs by total colourings*, ARS MATHEMATICA CONTEMPORANEA **11** (2016), 79–89.
92. R. Kalinowski, M. Pilśniak, I. Schiermeyer, M. Woźniak, *Dense Arbitrarily Partitionable Graphs* Discussiones Mathematicae-Graph Theory **36** (2016), 5–22.

93. E. Barne, J. Bensmail, J. Przybyło, M. Woźniak, *On a directed variation of the 1-2-3 and 1-2 Conjectures*, Discrete Applied Math. **217 (2)** (2017), 123–131.
94. J. Przybyło, A. Raspaud, M. Woźniak, *On weight choosabilities of graphs with bounded maximum average degree*, Discrete Applied Math. **217 (3)** (2017), 663–672.
95. E. Flandrin, H. Li, A. Marczyk, J-F. Saclé, M. Woźniak, *A note on neighbor expanded sum distinguishing index*, Discussiones Mathematicae-Graph Theory **37 (1)** (2017), 29–37.
96. O. Baudon, M. Pilśniak, J. Przybyło, M. Senhaji, E. Sopena, M. Woźniak, *Equitable neighbour-sum-distinguishing edge and total colourings*, Discrete Applied Math. **222** (2017), 40–53.
97. O. Baudon, J. Przybyło, M. Senhaji, E. Sidorowicz, E. Sopena, M. Woźniak, *The neighbour-sum-distinguishing edge-colouring game*, Discrete Math. **340 (7)** (2017), 1564–1572.
98. M-A. Tahraoui, E. Duchêne, H. Kheddouci, M. Woźniak, *Labeled embedding of $(n, n-2)$ -graphs in their complements*, Discussiones Mathematicae-Graph Theory, **37** (2017), 1015-1025.
99. R. Kalinowski, M. Pilśniak, M. Woźniak, *A note on breaking small automorphisms in graphs*, Discrete Applied Math. **232** (2017), 221–225.
100. M. Hornák, J. Przybyło, M. Woźniak, *A note on a directed version of the 1-2-3 Conjecture*, Discrete Applied Math. **236** (2018), 472-476.
101. O. Baudon, J. Bensmail, J. Przybyło, M. Woźniak, *On locally irregular decompositions and the 1-2 Conjecture in digraphs*, Discrete Mathematics and Theoretical Computer Science, **20 (2) # 7** (2018), 1-11.
102. O. Baudon, J. Bensmail, T. Davot, H. Hocquard, J. Przybyło, M. Senhaji, E. Sopena, M. Woźniak, *A general decomposition theory for the 1-2-3 Conjecture and locally irregular decompositions*, Discrete Mathematics and Theoretical Computer Science **21 (1) # 2** (2019), 1-14.

103. O. Baudon, H. Hocquard, Antoni Marczyk, M. Piłśniak, J. Przybyło, M. Woźniak, *On a total version of 1-2-3 Conjecture*, *Discussiones Mathematicae-Graph Theory*, **40 (4)** (2020), 1175–1186.
104. W. Imrich, R. Kalinowski, M. Piłśniak, M. Woźniak, *The distinguishing index of connected graphs without pendant edges*, *ARS MATHEMATICA CONTEMPORANEA* **18** (2020), 117126.
105. A. Görlich, M. Woźniak, *A note on packing two copies of a tree into a graph with small maximum degree*, *Discrete Mathematics* **343(10)** (2020):111991.
106. W. Imrich, R. Kalinowski, M. Piłśniak, M. Woźniak, *On asymmetric colourings of claw-free graphs*, *The Electronic J. Combin.* **28 (3)** (2021), #P3.25, 1–14.
107. J. Konarski, M. Woźniak; A. Żak, *A note on packing of uniform hypergraphs*, *Discussiones Mathematicae Graph Theory* **42** (2022), 1383–1388.
108. F. Bock, R. Kalinowski, J. Pardey, M. Piłśniak, D. Rautenbach, M. Woźniak, *Majority edge-colorings of graphs*, *The Electronic Journal of Combinatorics* **30(1)** (2023), P1.42, 1–8.
109. E. Sopena, M. Woźniak, *A note on the neighbour-distinguishing index of digraphs*, *Ars Mathematica Contemporanea* **23(1)** (2023), #P1.07.
110. I. Grzelec, M. Woźniak, *On decomposing multigraphs into locally irregular submultigraphs*, *Applied Mathematics and Computation* **452** (2023), 128049.
111. I. Grzelec, M. Woźniak, *Local irregularity conjecture for 2-multigraphs versus cacti*, *Opuscula Math.* **44 (1)** (2024), 49-65.
112. I. Grzelec, M. Piłśniak, M. Woźniak, *A note on uniquely embeddable 2-factors*, *Applied Mathematics and Computation* **468** (2024), 128505.

Skrypty

1. M.Woźniak, *Dyfuzja informacji w grafach*, Wydawnictwa AGH, skrypt 1475, Kraków, 1996, 62 strony.
2. R.Kalinowski, A.Marczyk i M.Woźniak, *Program wykładu podstawowego z matematyki*, Wydawnictwo Instytutu Matematyki AGH, 71 stron.
3. M.Woźniak, *Wprowadzenie do problemów komunikacji w grafach*, Wydawnictwa AGH (pozycja 1620), Kraków, 1999, 112 stron.

Artykuły o charakterze
dydaktyczno-organizacyjnym
i popularno-naukowym

1. M.Woźniak, R.Kalinowski i A.Marczyk, *Między „Leją” a „Maurinem”*, w: Z.Pawlikowska-Brożek i D.Węglowska (red.), *Materiały VII Konferencji nt. Dydaktyki Matematyki Wyższych Szkół Technicznych* (Kamiana 1993), Kraków, 1994.
2. M.Woźniak, *O nauczaniu matematyki stosownej*, w: S.Białas, A.P.Wojda, Z.Pawlikowska-Brożek i D.Węglowska (red.), *Matematyka w 75-leciu AGH i 25-leciu IM*, Kraków, 1995, 125–134.
3. M.Woźniak, *Przekazywanie informacji w grafach*, w: S.Białas (red.), *Matematyka w naukach technicznych i przyrodniczych*, (V konf., Krynica 4-7 czerwca 2000), Kraków, 2000, 91–95.

Inne

- Guest editor (wspólnie z A.Rycerz i A.P.Wojdą) tomu *Discrete Mathematics* **164** (1997).
- Guest editor (wspólnie z Rafałem Kalinowskim i Moniką Pilśniak, tomu *Discrete Mathematics* **312 (14)** (2012)
- Guest editor (wspólnie z Rafałem Kalinowskim i Moniką Pilśniak, tomu *Discrete Mathematics* **339 (7)** (2016)