

**Maker-breaker graph colouring games** are played by two players, Alice and Bob, who alternately colour vertices of a given graph. The colouring must be feasible in a certain sense. The game ends when no feasible move is possible any more. Alice wins if every vertex is coloured at the end, otherwise Bob wins.

## References

- [1] Akcan, U., E. Akyar, and H. Akyar, *Game chromatic number of  $W_n \cdot P_2$* , J. Sci. Arts **34** (2016), 5–12
- [2] Alagammai, R., and V. Vijayalakshmi, *Game chromatic number of lexicographic product graphs*, AKCE Int. J. Graphs Comb. **12** (2015), 216–220
- [3] Andres, S. D., “Spieltheoretische Kantenfärbungsprobleme auf Wäldern und verwandte Strukturen” (German), *diploma thesis*, University of Cologne, 2003
- [4] Andres, S. D., *The game chromatic index of forests of maximum degree 5*, Electron. Notes Discrete Math. **13** (2003), 5–8
- [5] Andres, S. D., *The positive lightness of digraphs, embeddable in a surface, without 4-cycles*, Electron. Notes Discrete Math. **22** (2005), 119–122
- [6] Andres, S. D., *The game chromatic index of forests of maximum degree  $\Delta \geq 5$* , Discrete Applied Math. **154** (2006), 1317–1323
- [7] Andres, S. D., *Game-perfect graphs with clique number 2*, Electron. Notes Discrete Math. **25** (2006), 13–16
- [8] Andres, S. D., *The incidence game chromatic number*, Electron. Notes Discrete Math. **27** (2006), 1–2
- [9] Andres, S. D., “Digraph coloring games and game-perfectness”, *Ph.D. thesis*, Verlag Dr. Hut, München, 2007
- [10] Andres, S. D., *The incidence game chromatic number*, Discrete Applied Math. **157** (2009), 1980–1987
- [11] Andres, S. D., *Lightness of digraphs in surfaces and directed game chromatic number*, Discrete Math. **309** (2009), 3564–3579
- [12] Andres, S. D., *Asymmetric directed graph coloring games*, Discrete Math. **309** (2009), 5799–5802
- [13] Andres, S. D., *Game-perfect graphs*, Math. Methods Oper. Res. **69** (2009), 235–250
- [14] Andres, S. D., *Directed defective asymmetric graph coloring games*, Discrete Applied Math. **158** (2010), 251–260
- [15] Andres, S. D., *Erratum to: The incidence game chromatic number [Discrete Applied Math. 157 (2009) 1980–1987]*, Discrete Applied Math. **158** (2010), 728

- [16] Andres, S. D., *On characterizing game-perfect graphs by forbidden induced subgraphs*, Contrib. Discrete Math. **7** (2012), 21–34
- [17] Andres, S. D., *Game-perfect digraphs*, Math. Meth. Oper. Res. **76** (2012), 321–341
- [18] Andres, S. D., *On kernels in strongly game-perfect digraphs and a characterisation of weakly game-perfect digraphs*, AKCE Internat. J. Graphs Combin. (in press)
- [19] Andres, S. D., *Equality-perfect graphs and digraphs*, Preprint
- [20] Andres, S. D., C. Charpentier, and W. L. Fong, *Game-perfect directed forests*, Preprint
- [21] Andres, S. D., F. Dross, M. Huggan, F. Mc Inerney, and R. J. Nowakowski, *On the complexity of orthogonal colouring games and the NP-completeness of recognising graphs admitting a strictly matched involution*, Preprint
- [22] Andres, S. D., and R. M. Falcón, *Colouring games based on autotopisms of Latin hyper-rectangles*, Quaestiones Mathematicae (to appear)
- [23] Andres, S. D., and W. Hochstättler, *The game chromatic number and the game colouring number of classes of oriented cactuses*, Information Process. Lett. **111** (2011), 222–226
- [24] Andres, S. D., and W. Hochstättler, *The game colouring number of powers of forests* Discrete Math. Theor. Comput. Sci. **18** (2015), #2
- [25] Andres, S. D., W. Hochstättler, and C. Schallück, *The game chromatic index of wheels*, Discrete Applied Math. **159** (2011), 1660–1665
- [26] Andres, S. D., M. Huggan, F. Mc Inerney, and R. J. Nowakowski, *The orthogonal colouring game*, Preprint
- [27] Andres, S. D., and E. Lock, *Characterising and recognising game-perfect graphs*, Preprint
- [28] Andres, S. D., and A. Theuser, *Note on the game colouring number of powers of graphs*, Discuss. Math. Graph Theory **36** (2016), 31–42
- [29] Bartnicki, T., B. Brešar, J. Grytczuk, M. Kovše, Z. Miechowicz, and I. Peterin, *Game chromatic number of Cartesian product graphs*, Electronic J. Comb. **15** (2008), R72
- [30] Bartnicki, T., and J. Grytczuk, *A note on the game chromatic index of graphs*, Graphs Comb. **24** (2008), 67–70
- [31] Bartnicki, T., J. Grytczuk, and H. A. Kierstead, *The game of arboricity*, Discrete Math. **308** (2008), 1388–1393
- [32] Bartnicki, T., J. Grytczuk, H. A. Kierstead, and X. Zhu, *The map-coloring game*, Am. Math. Mon. **114** (2007), 793–803
- [33] Bartnicki, T., and Z. Miechowicz, *Total game coloring of graphs*, preprint
- [34] Beaulieu, G., K. Burke, and E. Duchêne, *Impartial coloring games*, Theoret. Comput. Sci. **485** (2013), 49–60

- [35] Beveridge, A., T. Bohman, A. Frieze, and O. Pikhurko, *Game chromatic index of graphs with given restrictions on degrees*, Theoret. Comput. Sci. **407** (2008), 242–249
- [36] Bodlaender, H. L., *On the complexity of some coloring games*, Int. J. Found. Comput. Sci. **2**, no.2 (1991), 133–147
- [37] Bodlaender, H. L., and D. Kratsch, *The complexity of coloring games on perfect graphs*, Theoret. Comput. Sci. **106**, no.2 (1992), 309–326
- [38] Bohman, T., A. Frieze, and B. Sudakov, *The game chromatic number of random graphs*, Random Struct. Algorithms **32** (2008), 223–235
- [39] Bokhary, S. A. U. H., T. Iqbal, and U. Ali, *Game chromatic number of Cartesian and corona product graphs*, J. Algebra Comb. Discrete Struct. Appl. **5** (2018), 129–136
- [40] Bokhary, S. A. U. H., and M. Shahzad Akhtar, *Game chromatic number of some convex polytope graphs*, Util. Math. **104** (2017), 15–22
- [41] Borowiecki, M., and E. Sidorowicz, *Generalized game colouring of graphs*, Discrete Math. **307** (2007), 1225–1231
- [42] Borowiecki, M., E. Sidorowicz, and Zs. Tuza, *Game list colouring of graphs*, Electronic J. Comb. **14** (2007), R26
- [43] Boudon, O., J. Przybyło, M. Senhaji, E. Sidorowicz, É. Sopena, and M. Woźniak, *The neighbour-sum-distinguishing edge-colouring game*, Discrete Math. **340** (2017), 1564–1572
- [44] Cai, L., and X. Zhu, *Game chromatic index of  $k$ -degenerate graphs*, J. Graph Theory **36** (2001), 144–155
- [45] Chan, W. H., and P. C. B. Lam, *Trees of minimum order with game chromatic index equal*, Congr. Numer. **219** (2014), 151–160
- [46] Chan, W. H., and G. Nong, *The game chromatic index of some trees of maximum degree 4*, Discrete Applied Math. **170** (2014), 1–6
- [47] Chan, W. H., W. C. Shiu, P. K. Sun, and X. Zhu, *The strong game colouring number of directed graphs*, Discrete Math. **313** (2013), 1070–1077
- [48] Chang, H., “Game colourings of graphs”, *PhD thesis*, National Sun Yat-Sen University, 2007
- [49] Chang, H., and X. Zhu, *The  $d$ -relaxed game chromatic index of  $k$ -degenerate graphs*, Australas. J. Comb. **36** (2006), 73–82
- [50] Chang, H., and X. Zhu, *Colouring games on outerplanar graphs and trees*, Discrete Math. **309** (2009), 3185–3196
- [51] Charoenpanitseri, W., and S. Wasukree, *The game chromatic number of some join graphs*, East-West J. Math. **17** (2015), 14–22

- [52] Charpentier, C., *The coloring game on planar graphs with large girth, by a result on sparse cactuses*, Discrete Math. **340** (2017), 1069–1073
- [53] Charpentier, C., S. Dantas, C. M. H. de Figueiredo, A. Furtado, and S. Gravier, *On Nordhaus-Gaddum type inequalities for the game chromatic and game coloring numbers*, Discrete Math. **342** (2019), 1318–1324
- [54] Charpentier, C., B. Effantin, and G. Paris, *On the game coloring index of  $F^+$ -decomposable graphs*, Discrete Appl. Math. **236** (2018), 73–83
- [55] Charpentier, C., M. Montassier, and A. Raspaud, *Minmax degree of graphs (Extended abstract)*, Electronic Notes Discrete Math. **38** (2011), 251–257
- [56] Charpentier, C., and É. Sopena, *Incidence coloring game and arboricity of graphs*, in: T. Lecroq and L. Mouchard (Eds.): IWOCA 2013, LNCS 8288 (2013), 106–114
- [57] Charpentier, C., and É. Sopena, *The incidence game chromatic number of  $(a, d)$ -decomposable graphs*, J. Discrete Algorithms **31** (2015), 14–25
- [58] Chen, G., R. H. Schelp, and W. E. Shreve, *A new game chromatic number*, Europ. J. Comb. **18** (1997), 1–9
- [59] Chou, C.-Y., W. Wang, and X. Zhu, *Relaxed game chromatic number of graphs*, Discrete Math. **262** (2003), 89–98
- [60] Dinski, T., and X. Zhu, *A bound for the game chromatic number of graphs*, Discrete Math. **196** (1999), 109–115
- [61] Dunn, C. L., “Extensions of a simple competitive graph coloring algorithm”, *dissertation*, Arizona State University, 2002
- [62] Dunn, C., *The relaxed game chromatic index of  $k$ -degenerate graphs*, Discrete Math. **307** (2007), 1767–1775
- [63] Dunn, C., *Complete multipartite graphs and the relaxed coloring game*, Order **29** (2012), 507–512
- [64] Dunn, C., and H. A. Kierstead, *A simple competitive graph coloring algorithm II*, J. Comb. Theory **B 90**, no.1 (2004), 93–106
- [65] Dunn, C., and H. A. Kierstead, *A simple competitive graph coloring algorithm III*, J. Comb. Theory **B 92** (2004), 137–150
- [66] Dunn, C., and H. A. Kierstead, *The relaxed game chromatic number of outerplanar graphs*, J. Graph Theory **46** (2004), 69–78
- [67] Dunn, C., V. Larsen, K. Lindke, T. Retter, and D. Toci, *The game chromatic number of trees and forests*, Discrete Math. Theor. Comput. Sci. **17** (2015), 31–48
- [68] Dunn, C., D. Morawski, and J. F. Nordstrom, *The relaxed edge-coloring game and  $k$ -degenerate graphs*, Order **32** (2015), 347–361

- [69] Dunn, C., J. F. Nordstrom, C. Naymie, E. Pitney, W. Sehorn, and C. Suer, *Clique-relaxed graph coloring*, *Involve* **4** (2011), 127–138
- [70] Dvořák, Z., *On forbidden subdivision characterization of graph classes*, *Europ. J. Comb.* **29** (2008), 1321–1332
- [71] Erdős, P., U. Faigle, W. Hochstättler, and W. Kern, *Note on the game chromatic index of trees*, *Theoret. Comput. Sci.* **313** (2004), 371–376
- [72] Esperet, L., and X. Zhu, *Game colouring the square of graphs*, *Discrete Math.* **309** (2009), 4514–4521
- [73] Faigle, U., W. Kern, H. Kierstead, and W. T. Trotter, *On the game chromatic number of some classes of graphs*, *Ars Combin.* **35** (1993), 143–150
- [74] Falcón, R. M., S. D. Andres, *Autotopism stabilized colouring games on rook’s graphs*, Preprint
- [75] Feng, J., and W. Wang, *Game coloring number of flowers*, *J. Liaoning Univ. Nat. Sci.* **29**, 209–214
- [76] Fong, W. L., W. H. Chan, and G. Nong, *The game chromatic index of some trees with maximum degree four and adjacent degree-four vertices*, *J. Comb. Optim.* **36** (2018), 1–12
- [77] Frieze, A., S. Haber, and M. Lavrov, *On the game chromatic number of sparse random graphs*, *SIAM J. Discrete Math.* **27** (2013), 768–790
- [78] Gao, H., and Z. Xie, *Edge game coloring and the edge game chromatic number* (Chinese), *Math. Econ.* **23** (2006), 211–214
- [79] Gardner, M., *Mathematical games*, *Scientific American* (April, 1981), 23
- [80] Grzesik, A., *Indicated coloring of graphs*, *Discrete Math.* **312** (2012), 3467–3472
- [81] Guan, D. J., and X. Zhu, *Game chromatic number of outerplanar graphs*, *J. Graph Theory* **30**, no.1 (1999), 67–70
- [82] Harary, F., and Zs. Tuza, *Two graph-colouring games*, *Bull. Aust. Math. Soc.* **48**, no.1 (1993), 141–149
- [83] Havet, F., and X. Zhu, *The game Grundy number of graphs*, *J. Comb. Optim.* **25** (2013), 752–765
- [84] He, W., X. Hou, K.-W. Lih, J. Shao, W. Wang, and X. Zhu, *Edge-partitions of planar graphs and their game coloring numbers*, *J. Graph Theory* **41**, no.4 (2002), 307–317
- [85] He, W., J. Wu, and X. Zhu, *Relaxed game chromatic number of trees and outerplanar graphs*, *Discrete Math.* **281** (2004), 209–219
- [86] Junosza-Szaniawski, K., and Ł. Rożej, *Game chromatic number of graphs with locally bounded number of cycles*, *Inform. Process. Lett.* **110** (2010), 757–760

- [87] Keusch, R., *A new upper bound on the game chromatic index of graphs*, Electron. J. Combin. **25** (2018), Paper 2.33, 18pp.
- [88] Keusch, R., and A. Steger, *The game chromatic number of dense random graphs* Electron. J. Comb. **21** (2014), P4.47
- [89] Khachatryan, A., “Extensions and variations of the two-person game on graphs”, *Ph.D. thesis*, University of Bielefeld, 2011
- [90] Kierstead, H. A., *A simple competitive graph coloring algorithm*, J. Comb. Theory **B 78** (2000), 57–68
- [91] Kierstead, H. A., *Asymmetric graph coloring games*, J. Graph Theory **48** (2005), 169–185
- [92] Kierstead, H. A., *Weak acyclic coloring and asymmetric coloring games*, Discrete Math. **306** (2006), 673–677
- [93] Kierstead, H. A., and A. V. Kostochka, *Efficient graph packing via game colouring*, Combin. Probab. Comput. **18** (2009), 765–774
- [94] Kierstead, H. A., and W. T. Trotter, *Planar graph coloring with an uncooperative partner*, J. Graph Theory **18**, no.6 (1994), 569–584
- [95] Kierstead, H. A., and W. T. Trotter, *Competitive colorings of oriented graphs*, Electronic J. Comb. **8**, no.2 (2001), R12
- [96] Kierstead, H. A., and Zs. Tuza, *Marking games and the oriented game chromatic number of partial  $k$ -trees*, Graphs Comb. **19**, no.1 (2003), 121–129
- [97] Kierstead, H. A., C.-Y. Yang, D. Yang, and X. Zhu, *Adapted game colouring of graphs*, Europ. J. Comb. **33** (2012), 435–445
- [98] Kierstead, H. A., and D. Yang, *Orderings on graphs and game coloring number*, Order **20** (2003), 255–264
- [99] Kierstead, H. A., and D. Yang, *Very asymmetric marking games*, Order **22**, no.2 (2005), 93–107
- [100] Kim, J. Y., *The incidence game chromatic number of paths and subgraphs of wheels*, Discrete Applied Math. **159** (2011), 683–694
- [101] Krawczyk, T., and B. Walczak, *Asymmetric coloring games on incomparability graphs* Electron. Notes Discrete Math. **49** (2015), 803–811
- [102] Lam, P. C. B., W. C. Shiu, and B. Xu, *Edge game-coloring of graphs*, Graph Theory Notes N.Y. **37** (1999), 17–19
- [103] Lason, M., *The coloring game on matroids*, Discrete Math. **340** (2017), 796–799
- [104] Lin, W., and X. Zhu, *Circular game chromatic number of graphs*, Discrete Math. **309** (2009), 4495–4501

- [105] Liu, X., and Y. Li, *The game chromatic numbers of Mycielski graphs* (Chinese. English summary), J. Xuzhou Norm. Univ., Nat. Sci. **18**, no.2 (2000), 24–26
- [106] Liu, X., and Y. Li, *Game coloring and chromatic number of graphs* (Chinese. English summary), J. Xuzhou Norm. Univ., Nat. Sci. **19**, no.3 (2001), 12–15
- [107] Liu, X. K., J. Xu, and Y. Li, *Game coloring and chromatic number of graphs* (Chinese), J. Central China Normal Univ., Natur. Sci. **53** (2001), 390–393
- [108] Marte, K., “Der spieltheoretische Listenfärbungsindex von Bäumen” (German), *bachelor’s thesis*, Fernuniversität Hagen, 2006
- [109] Montassier, M., P. Ossona de Mendez, and A. Raspaud, *Decomposing a graph into forests*, J. Combin. Theory **B 102** (2012), 38–52
- [110] Montassier, M., A. Pêcher, A. Raspaud, D. B. West, and X. Zhu, *Decomposition of sparse graphs, with application to game coloring number*, Discrete Math. **310** (2010), 1520–1523
- [111] Nakprasit, K. M., and K. Nakprasit, *The game coloring number of planar graphs with a specific girth*, Graphs Combin. **34** (2018), 349–354
- [112] Nešetřil, J., and E. Sopena, *On the oriented game chromatic number*, Electronic J. Comb. **8**, no.2 (2001), R14
- [113] Patel, P. K., *Game coloring number of planar graphs*, Int. J. Enhanced Res. Sci. Technology Engineering **2** (2013), 179–183
- [114] Raspaud, A., and J. Wu, *Game chromatic number of toroidal grids*, Information Process. Lett. **109** (2009), 1183–1186
- [115] Rödl, V., and R. Thomas, *Arrangeability and clique subdivisions*, Algorithms Comb. **14** (1997), 236–239
- [116] Sekiguchi, Y., *The game coloring number of planar graphs with given girth*, Discrete Math. **330** (2014), 11–16
- [117] Shen, B. Y., *Trees with more simple structure and the relaxed game chromatic number 3*, J. Baoji Univ. Arts Sci. Math. Colloq. Chin. Univ. **3 B** (2006), 181–183
- [118] Sia, C., *The game chromatic number of some families of Cartesian product graphs*, AKCE Int. J. Graphs Comb. **6** (2009), 315–327.
- [119] Sidorowicz, E., *Marking games*, Electron. Notes Discrete Math. **24** (2006), 211–214
- [120] Sidorowicz, E., *The game chromatic number and the game colouring number of cactuses*, Information Process. Lett. **102** (2007), 147–151
- [121] Sidorowicz, E., *Colouring game and generalized colouring game on graphs with cut-vertices*, Discuss. Math. Graph Theory **30** (2010), 499–533
- [122] Sidorowicz, E., *On the relaxed colouring game and the unilateral colouring game*, Graphs Combin. **30** (2014), 1013–1036

- [123] Sidorowicz, E., *The relaxed game chromatic number of graphs with cut-vertices*, Graphs Combin. **31** (2015), 2381–2400
- [124] Silverman, D., “Your move”, McGraw-Hill, 1971
- [125] Tuza, Z., and X. Zhu, “Colouring games”. *Topics in chromatic graph theory*, 304–326, Encyclopedia Math. Appl. 156, Cambridge Univ. Press, Cambridge, 2015
- [126] Wang, W.-F., *Edge-partitions of graphs of nonnegative characteristic and their game coloring numbers*, Discrete Math. **306**, no.2 (2006), 262–270
- [127] Wu, J.-J., “Game chromatic number of Halin graphs”, *master’s thesis*, National Sun Yat-sen University, 2001
- [128] Wu, J., “Graph marking game and colouring game”, *Ph.D. thesis*, National Sun Yat-Sen University, 2005
- [129] Wu, J., and A. Raspaud, *Game chromatic number of toroidal grids*, Electron. Notes Discrete Math. **34** (2009), 381–385
- [130] Wu, J., and X. Zhu, *Relaxed game chromatic number of outer planar graphs*, Ars Combin. **81** (2006), 359–367
- [131] Wu, J., and X. Zhu, *Lower bounds for the game colouring number of partial  $k$ -trees and planar graphs*, Discrete Math. **308** (2008), 2637–2642
- [132] Wu, J., and X. Zhu, *The 6-relaxed game chromatic number of outerplanar graphs*, Discrete Math. **308** (2008), 5974–5980
- [133] Yang, C.-Y., “Colouring, circular list colouring and adapted game colouring of graphs”, *Ph.D. thesis*, National Sun Yat-Sen University, 2010
- [134] Yang, D., “Extension of the game coloring number and some results on the choosability of complete multipartite graphs”, *Ph.D. thesis*, Arizona State University, 2003
- [135] Yang, D., *The complete game coloring number of the line graph of a forest*, J. Fuzhou Univ., Nat. Sci. **33** (2005), 135–138
- [136] Yang, D., *Relaxed very asymmetric coloring games*, Discrete Math. **309** (2009), 1043–1050
- [137] Yang, D., *Activation strategy for relaxed asymmetric coloring games*, Discrete Math. **309** (2009), 3323–3335
- [138] Yang, D., *Coloring games on squares of graphs*, Discrete Math. **312** (2012), 1400–1406
- [139] Yang, D., and H. A. Kierstead, *Asymmetric marking games on line graphs*, Discrete Math. **308** (2008) 1751–1755
- [140] Yang, D., and X. Zhu, *Activation strategy for asymmetric marking games*, Europ. J. Comb. **29** (2008), 1123–1132
- [141] Yang, D., and X. Zhu, *Game colouring directed graphs*, Electronic J. Comb. **17** (2010), R11



- [142] Zacharopoulos, P., “Asymmetric game perfect graphs and the circular coloring game of weighted graphs”, *Ph.D. thesis*, University of Bielefeld, 2011
- [143] Zhang, W., and X. Zhu, *The game Grundy indices of graphs*, *J. Comb. Optim.* **30** (2015), 596–611
- [144] Zhu, X., *The game coloring number of planar graphs*, *J. Comb. Theory B* **75** (1999), 245–258
- [145] Zhu, X., *The game coloring number of pseudo partial  $k$ -trees*, *Discrete Math.* **215** (2000), 245–262
- [146] Zhu, X., *Refined activation strategy for the marking game*, *J. Comb. Theory B* **98** (2008), 1–18
- [147] Zhu, X., *Game coloring the Cartesian product of graphs*, *J. Graph Theory* **59** (2008), 261–278

This list is certainly not complete and may contain errors. Any helpful remarks to improve this list are welcome.

(Last updated: April 11, 2019)

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## Chronological list

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