

Publications

by **Stephan Dominique Andres**

Articles in Refereed Journals

- [1] Andres SD, Fong WL, Line game-perfect graphs. *Discrete Math. Theor. Comput. Sci.* 26:2 (2024) #12, 41pp.
- [2] Andres SD, Strong and weak perfect digraph theorems for perfect, α -perfect and strictly perfect digraphs. *Discuss. Math. Graph Theory* 43 (2023) 909–930.
- [3] Andres SD, Dross F, Huggan MA, Mc Inerney F, Nowakowski RJ, The complexity of two colouring games. *Algorithmica* 85 (2023) 1067–1090.
- [4] Andres SD, Charpentier C, Fong WL, Game-perfect semiorientations of forests. *Discuss. Math. Graph Theory* 42 (2022) 501–534.
- [5] Andres SD, Greedy versus recursive greedy: uncorrelated heuristics for the binary paint shop problem. *Discrete Applied Math.* 303 (2021) 4–7.
- [6] Andres SD, Equality perfect graphs and digraphs. *Contributions to Discrete Math.* 15 (2020) 159–178.
- [7] Andres SD, On kernels in strongly game-perfect digraphs and a characterisation of weakly game-perfect digraphs. *AKCE Internat. J. Graphs Combin.* 17 (2020) 539–549.
- [8] Andres SD, Bergold H, Hochstättler W, Wiehe J, A semi-strong perfect digraph theorem. *AKCE Internat. J. Graphs Combin.* 17 (2020) 992–994.
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- [11] Andres SD, Lock E, Characterising and recognising game-perfect graphs. *Discrete Math. Theor. Comput. Sci.* 21:1 (2019) #6, 39pp.
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- [18] Andres SD, On characterizing game-perfect graphs by forbidden induced subgraphs. *Contributions to Discrete Math.* 7 (2012) 21–34.
- [19] Andres SD, On multiperiodic infinite recursions and their finite core. *J. Integer Sequences* 14 (2011) Art. 11.2.7, 9pp.
- [20] Andres SD, Hochstättler W, Some heuristics for the binary paint shop problem and their expected number of colour changes. *J. Discrete Algorithms* 9 (2011) 203–211.
- [21] Andres SD, Hochstättler W, The game chromatic number and the game colouring number of classes of oriented cactuses. *Information Process. Lett.* 111 (2011) 222–226.
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Errata

- [31] Correction. *AKCE Internat. J. Graphs Combin.* 22 (2025) 115–116. DOI: 10.1080/09728600.2024.2404329
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Theses

- [41] Andres SD, Colouring concepts on combinatorial structures. Habilitation thesis, FernUniversität in Hagen, submitted 2019, accepted 2021.
- [42] Andres SD, Digraph coloring games and game-perfectness. Ph.D Thesis, Universität zu Köln, Verlag Dr. Hut, 2007.
- [43] Andres SD, Spieltheoretische Kantenfärbungsprobleme auf Wäldern und verwandte Strukturen. Diploma Thesis, Universität zu Köln, 2003.

Miscellanea

- [44] Andres SD, A note on the digraph parameters lightness and weight and their duals heaviness and mass. Seminarberichte Mathematik aus der Fakultät für Mathematik und Informatik der FernUniversität in Hagen 87 (2015) 113–118.
- [45] Andres SD, Börger R: Note on a 1-colouring game on paths and cycles. Seminarberichte Mathematik aus der Fakultät für Mathematik und Informatik der FernUniversität in Hagen 87 (2015) 73–76.

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