

Publication List of Dr. Arthur Hoffmann-Ostenhof

2020:

Arthur Hoffmann-Ostenhof:

The Nash Williams Conjecture and the Dominating Cycle Conjecture.
Electron. J. Comb. 27(1): P1.46 (2020), doi:10.37236/5505

2019:

Arthur Hoffmann-Ostenhof, Cun-Quan Zhang, Zhang Zhang:

Cycle double covers and non-separating cycles. Eur. J. Comb. 81: 276-284 (2019),
doi:10.1016/j.ejc.2019.06.006

Arthur Hoffmann-Ostenhof, Thomas Jatschka:

Snarks with Special Spanning Trees. Graphs and Combinatorics 35(1): 207-219 (2019),
doi:10.1007/s00373-018-1973-x

Herbert Fleischner, Roland Häggkvist, Arthur Hoffmann-Ostenhof:

Cycle double covers via Kotzig graphs. J. Comb. Theory, Ser. B 135: 212-226 (2019),
doi:10.1016/j.jctb.2018.08.005

2018:

Arthur Hoffmann-Ostenhof, Tomás Kaiser, Kenta Ozeki:

Decomposing planar cubic graphs. Journal of Graph Theory 88(4): 631-640 (2018),
doi:10.1016/j.ejc.2015.08.005

Arthur Hoffmann-Ostenhof, Kenta Noguchi, Kenta Ozeki:

On homeomorphically irreducible spanning trees in cubic graphs. Journal of Graph Theory 89(2):
93-100 (2018), doi:10.1002/jgt.22242

2017:

Jonas Hägg und, Arthur Hoffmann-Ostenhof:

Construction of permutation snarks. J. Comb. Theory, Ser. B 122: 55-67 (2017),
doi:10.1016/j.jctb.2016.05.003

Arthur Hoffmann-Ostenhof, Thomas Jatschka:

Special Hist-Snarks. arXiv:1710.05663 (2017).

2016:

Arthur Hoffmann-Ostenhof, Atsuhiro Nakamoto:

A Note on 4-colorings of Quadrangulations. arXiv:1605.04441 (2016).

2013:

Arthur Hoffmann-Ostenhof:

A Note on 5-Cycle Double Covers. Graphs and Combinatorics 29(4): 977-979 (2013),
doi:10.1007/s00373-012-1169-8

2012:

Arthur Hoffmann-Ostenhof:

Even Subdivision-Factors of Cubic Graphs. arXiv:1211.1714v2 (2012)

2011:

Arthur Hoffmann-Ostenhof:

Dissertation "Nowhere-zero flows and structures in cubic graphs (2011).

<http://othes.univie.ac.at/19501/>

2007:

Arthur Hoffmann-Ostenhof:

A counterexample to the bipartizing matching conjecture. *Discrete Mathematics* 307(22): 2723-2733 (2007), doi:10.1016/j.disc.2007.01.019