

Publication List of Dr. Arthur Hoffmann-Ostenhof

2020:

Arthur Hoffmann-Ostenhof:

The Nash Williams Conjecture and the Dominating Cycle Conjecture. *Electronic Journal of Combinatorics*: accepted for publication (2020)

2019:

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

Cycle double covers and non-separating cycles. *Eur. J. Comb.* 81: 276-284 (2019)

Arthur Hoffmann-Ostenhof, Thomas Jatschka:

Snarks with Special Spanning Trees. *Graphs and Combinatorics* 35(1): 207-219 (2019)

Herbert Fleischner, Roland Häggkvist, Arthur Hoffmann-Ostenhof:

Cycle double covers via Kotzig graphs. *J. Comb. Theory, Ser. B* 135: 212-226 (2019)

2018:

Arthur Hoffmann-Ostenhof, Tomás Kaiser, Kenta Ozeki:

Decomposing planar cubic graphs. *Journal of Graph Theory* 88(4): 631-640 (2018)

Arthur Hoffmann-Ostenhof, Kenta Noguchi, Kenta Ozeki:

On homeomorphically irreducible spanning trees in cubic graphs. *Journal of Graph Theory* 89(2): 93-100 (2018)

2017:

Jonas Hägggl und, Arthur Hoffmann-Ostenhof:

Construction of permutation snarks. *J. Comb. Theory, Ser. B* 122: 55-67 (2017)

Arthur Hoffmann-Ostenhof, Thomas Jatschka:

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

2016:

Arthur Hoffmann-Ostenhof, Atsuhiko 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)

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)