Publications

Prof. Dr. Jochen Harant

Theses


Journal Articles


43. A lower bound on the independence number of a graph in terms of degrees (with I. Schiermeyer), *Discussiones Mathematicae Graph Theory* 26(3)(2006)431-437.


52. Hamiltonian cycles through prescribed edges of at least 4-connected maximal planar graphs (with F. Göring), *Discrete Mathematics* 310(2010)1491-1494.

54. Upper bounds on the sum of powers of the degrees of a simple planar graph (with S. Jendrol and T. Madaras), *Journal of Graph Theory* 67(2011)112-123.


62. A Note on Barnette’s Conjecture, *Discussiones Mathematicae Graph Theory* 33(1)(2013)133-137.


66. A note on adjacent vertex distinguishing colorings number of graphs (with M. Axenovich, J. Przybyło, R. Sotak, M. Voigt, and J. Weidlich), submitted to *Discrete Applied Mathematics*.


68. Maximum weighted induced subgraphs (with S. Mohr), accepted in *Discrete Mathematics*.

69. On Longest Cycles in Essentially 4-connected Planar Graphs (with I. Fabrici and S. Jendrol’), submitted to *Discussiones Mathematicae Graph Theory*.