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.


74. Long Cycles and Spanning Subgraphs of Locally Maximal 1-planar Graphs (with I. Fabrici, T. Madaras, S. Mohr, R. Sotak, C. T. Zamfirescu), accepted in *Journal of Graph Theory*.