

Refereed Journal Articles

1. H. van der Holst, *A short proof of the planarity characterization of Colin de Verdière*, Journal of Combinatorial Theory, Series B, 65 (1995) 269-272.
2. H. van der Holst, M. Laurent and A. Schrijver, *On a minor-monotone graph invariant*, Journal of Combinatorial Theory, Series B, 65 (1995) 292-304.
3. H. van der Holst, L. Lovász and A. Schrijver, *On the invariance of Colin de Verdière's graph parameter under clique sums*, Linear Algebra and Its Applications, 226-228 (1995) 509-517.
4. H. van der Holst, *Graphs with Magnetic Schrödinger operators of low corank*, Journal of Combinatorial Theory, Series B, 84 (2002) 311-339.
5. H. van der Holst, *On the 'Largeur d'Arborescence'*, Journal of Graph Theory, 41 (2002) 24-52.
6. H. van der Holst and J.C. de Pina, *Length-Bounded Disjoint Paths in Planar Graphs*, Discrete Applied Mathematics, 120 (2002) 251-261.
7. H. van der Holst, *Graphs whose positive semi-definite matrices have nullity at most two*, Linear Algebra and Its Applications, 375 (2003) 1-11.
8. H. van der Holst, *Some connectivity properties for excluded minors of the graph invariant $\nu(G)$* , European Journal of Combinatorics, 24 (2003) 929-946.
9. H. van der Holst, *Two tree-width-like graph invariants*, Combinatorica, 23 (2003) 633-651.
10. M. Aigner and H. van der Holst, *Interlace Polynomials*, Linear Algebra and Its Applications, 377 (2004) 11-30.
11. W. Barrett, H. van der Holst, and R. Loewy, *Graphs whose minimal rank is two*, Electronic Journal of Linear Algebra, 11 (2004) 258-280.
12. W. Barrett, H. van der Holst, and R. Loewy, *Graphs whose minimal rank is two: The finite fields case*, Electronic Journal of Linear Algebra, 14 (2005) 32-42.
13. H. van der Holst, *Graphs and obstructions in four dimensions*, Journal of Combinatorial Theory, Series B, 96 (2006) 388-404.
14. L. Hogben and H. van der Holst, *Forbidden minors for the class of graphs G with $\xi(G) \leq 2$* , Linear Algebra and Its Applications, 423 (2007) 42-52.
15. H. van der Holst, *Algebraic characterizations of outerplanar and planar graphs*, European Journal of Combinatorics, 28 (2007) 2156-2166.
16. H. van der Holst, *The maximum corank of graphs with a 2-separation*, Linear Algebra and Its Applications, 428 (2008) 1587-1600.
17. AIM Minimum Rank - Special Graphs Work Group, *Zero forcing sets and the minimum rank of graphs*, Linear Algebra and Its Applications, 428 (2008) 1628-1648.
18. H. van der Holst, *Three-connected graphs whose maximum nullity is at most three*, Linear Algebra and Its Applications, 429 (2008) 625-632.
19. H. van der Holst, *A polynomial-time algorithm to find a linkless embedding of a graph*, Journal of Combinatorial Theory, Series B, 99 (2009) 512-530.
20. F. Barioli, S.M. Fallat, H.T. Hall, D. Hershkowitz, L. Hogben, H. van der Holst, B. Shader. *Minimum rank of not necessarily symmetric matrices*, Electronic Journal of Linear Algebra, 18 (2009) 126-145.

21. I.-J. Kim, D.D. Olesky, B.L. Shader, P. van den Driessche, H. van der Holst, K. N. Van der Meulen. *Generating potentially nilpotent full sign patterns*, Electronic Journal of Linear Algebra, 18 (2009) 162-175.
22. H. van der Holst. *On the maximum positive semi-definite corank and the cycle matroid of graphs*, Electronic Journal of Linear Algebra, 18 (2009) 192-201.
23. H. van der Holst and R. Pendavingh, *On a graph property generalizing planarity and flatness*, Combinatorica, accepted.
24. H. van der Holst. *The Strong Arnol'd Hypothesis and the connectivity of graphs*, submitted.

Contributions to Books

25. H. van der Holst, *On the graph parameters of Colin de Verdière. Ten years LNMB*, 37-44, CWI Tract, 122, **Math. Centrum, Centrum Wisk. Inform., Amsterdam**, 1997.
26. H. van der Holst, L. Lovász and A. Schrijver, *The Colin de Verdière Graph Parameter*, Graph Theory and Combinatorial Biology, Bolyai Society Mathematical Studies, 7 (1999) 29-85.