

Hendricus van der Holst

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

590
citations

933447

10
h-index

752698

20
g-index

35
all docs

35
docs citations

35
times ranked

210
citing authors

#	ARTICLE	IF	CITATIONS
1	Zero forcing parameters and minimum rank problems. <i>Linear Algebra and Its Applications</i> , 2010, 433, 401-411.	0.9	117
2	Parameters Related to Tree-Width, Zero Forcing, and Maximum Nullity of a Graph. <i>Journal of Graph Theory</i> , 2013, 72, 146-177.	0.9	76
3	Graphs whose minimal rank is two. <i>Electronic Journal of Linear Algebra</i> , 0, 11, .	0.6	64
4	Graphs whose positive semi-definite matrices have nullity at most two. <i>Linear Algebra and Its Applications</i> , 2003, 375, 1-11.	0.9	41
5	Interlace polynomials. <i>Linear Algebra and Its Applications</i> , 2004, 377, 11-30.	0.9	41
6	On the minimum rank of not necessarily symmetric matrices: A preliminary study. <i>Electronic Journal of Linear Algebra</i> , 0, 18, .	0.6	34
7	Forbidden minors for the class of graphs G with $\text{rank}(G) \leq 2$. <i>Linear Algebra and Its Applications</i> , 2008, 429, 625-632.	0.9	26
8	Graphs whose minimal rank is two: The finite fields case. <i>Electronic Journal of Linear Algebra</i> , 0, 14, .	0.6	18
9	Generating potentially nilpotent full sign patterns. <i>Electronic Journal of Linear Algebra</i> , 0, 18, .	0.6	18
10	Three-connected graphs whose maximum nullity is at most three. <i>Linear Algebra and Its Applications</i> , 2008, 429, 625-632.	0.9	17
11	On the graph complement conjecture for minimum rank. <i>Linear Algebra and Its Applications</i> , 2012, 436, 4373-4391.	0.9	17
12	The maximum corank of graphs with a 2-separation. <i>Linear Algebra and Its Applications</i> , 2008, 428, 1587-1600.	0.9	16
13	Sign patterns with minimum rank 2 and upper bounds on minimum ranks. <i>Linear and Multilinear Algebra</i> , 2013, 61, 895-908.	1.0	13
14	On the invariance of Colin de Verdière's graph parameter under clique sums. <i>Linear Algebra and Its Applications</i> , 1995, 226-228, 509-517.	0.9	12
15	Graphs with Magnetic Schrödinger Operators of Low Corank. <i>Journal of Combinatorial Theory Series B</i> , 2002, 84, 311-339.	1.0	12
16	On the maximum positive semi-definite nullity and the cycle matroid of graphs. <i>Electronic Journal of Linear Algebra</i> , 0, 18, .	0.6	12
17	The inertia set of a signed graph. <i>Linear Algebra and Its Applications</i> , 2013, 439, 1506-1529.	0.9	11
18	Two Tree-Width-Like Graph Invariants. <i>Combinatorica</i> , 2003, 23, 633-651.	1.2	6

#	ARTICLE	IF	CITATIONS
19	On the "largeur d'arborescence". Journal of Graph Theory, 2002, 41, 24-52.	0.9	5
20	Algebraic characterizations of outerplanar and planar graphs. European Journal of Combinatorics, 2007, 28, 2156-2166.	0.8	5
21	On a graph property generalizing planarity and flatness. Combinatorica, 2009, 29, 337-361.	1.2	5
22	A polynomial-time algorithm to find a linkless embedding of a graph. Journal of Combinatorial Theory Series B, 2009, 99, 512-530.	1.0	5
23	The inertia set of the join of graphs. Linear Algebra and Its Applications, 2011, 434, 2197-2203.	0.9	5
24	Minimum ranks of sign patterns via sign vectors and duality. Electronic Journal of Linear Algebra, 0, 30, .	0.6	4
25	Some connectivity properties for excluded minors of the graph invariant $\hat{\nu}_{1/2}(G)$. European Journal of Combinatorics, 2003, 24, 929-946.	0.8	3
26	On the inertia set of a signed graph with loops. Linear Algebra and Its Applications, 2015, 471, 169-183.	0.9	2
27	Two-connected signed graphs with maximum nullity at most two. Linear Algebra and Its Applications, 2021, 611, 82-93.	0.9	2
28	On the inertia set of a signed tree with loops. Linear Algebra and Its Applications, 2016, 510, 361-372.	0.9	1
29	Signed graphs with stable maximum nullity at most two. Linear Algebra and Its Applications, 2021, 620, 124-146.	0.9	1
30	On the Strong Arnol'd Hypothesis and the connectivity of graphs. Electronic Journal of Linear Algebra, 0, 20, .	0.6	1
31	The inverse inertia problem for the complements of partial k -trees. Linear Algebra and Its Applications, 2013, 439, 2167-2175.	0.9	0
32	The minimum rank of a sign pattern matrix with a 1-separation. Linear Algebra and Its Applications, 2014, 448, 205-216.	0.9	0
33	The inertia sets of graphs with a 2-separation. Linear Algebra and Its Applications, 2014, 463, 95-114.	0.9	0
34	Signed graphs whose signed Colin de Verdière parameter is two. Journal of Combinatorial Theory Series B, 2016, 116, 440-455.	1.0	0
35	Extremal Union-Closed Set Families. Graphs and Combinatorics, 2019, 35, 1495-1502.	0.4	0