

# Johan Thapper

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

239  
citations

1478280

6  
h-index

1125617

13  
g-index

21  
all docs

21  
docs citations

21  
times ranked

66  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tractability conditions for numeric CSPs. Theoretical Computer Science, 2018, 715, 21-34.	0.5	0
2	The Limits of SDP Relaxations for General-Valued CSPs. ACM Transactions on Computation Theory, 2018, 10, 1-22.	0.4	4
3	The limits of SDP relaxations for general-valued CSPs. , 2017, , .		4
4	The Power of Sherali-Adams Relaxations for General-Valued CSPs. SIAM Journal on Computing, 2017, 46, 1241-1279.	0.8	15
5	Constraint satisfaction and semilinear expansions of addition over the rationals and the reals. Journal of Computer and System Sciences, 2016, 82, 912-928.	0.9	4
6	Tropical Dominating Sets in Vertex-Coloured Graphs. Lecture Notes in Computer Science, 2016, , 17-27.	1.0	3
7	The Complexity of Finite-Valued CSPs. Journal of the ACM, 2016, 63, 1-33.	1.8	38
8	Necessary Conditions for Tractability of Valued CSPs. SIAM Journal on Discrete Mathematics, 2015, 29, 2361-2384.	0.4	7
9	The Power of Linear Programming for General-Valued CSPs. SIAM Journal on Computing, 2015, 44, 1-36.	0.8	52
10	Sherali-Adams Relaxations for Valued CSPs. Lecture Notes in Computer Science, 2015, , 1058-1069.	1.0	5
11	Affine Consistency and the Complexity of Semilinear Constraints. Lecture Notes in Computer Science, 2014, , 420-431.	1.0	1
12	The complexity of finite-valued CSPs. , 2013, , .		26
13	Constraint satisfaction tractability from semi-lattice operations on infinite sets. ACM Transactions on Computational Logic, 2013, 14, 1-19.	0.7	6
14	The Power of Linear Programming for Valued CSPs. , 2012, , .		39
15	Approximating integer programs with positive right-hand sides. Information Processing Letters, 2010, 110, 351-355.	0.4	0
16	Properties of an Approximability-related Parameter on Circular Complete Graphs. Electronic Notes in Discrete Mathematics, 2009, 35, 115-120.	0.4	1
17	Approximability Distance in the Space of H-Colourability Problems. Lecture Notes in Computer Science, 2009, , 92-104.	1.0	2
18	Approximability of the Maximum Solution Problem for Certain Families of Algebras. Lecture Notes in Computer Science, 2009, , 215-226.	1.0	2

#	ARTICLE	IF	CITATIONS
19	The Maximum Solution Problem on Graphs. Lecture Notes in Computer Science, 2007, , 228-239.	1.0	9
20	Algorithms for the Maximum Hamming Distance Problem. Lecture Notes in Computer Science, 2005, , 128-141.	1.0	2