

Vesa Halava

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8920459/publications.pdf>

Version: 2024-02-01

30
papers

230
citations

1040056

9
h-index

996975

15
g-index

32
all docs

32
docs citations

32
times ranked

55
citing authors

#	ARTICLE	IF	CITATIONS
1	UNDECIDABILITY BOUNDS FOR INTEGER MATRICES USING CLAUS INSTANCES. International Journal of Foundations of Computer Science, 2007, 18, 931-948.	1.1	34
2	Positivity of second order linear recurrent sequences. Discrete Applied Mathematics, 2006, 154, 447-451.	0.9	27
3	Mortality in Matrix Semigroups. American Mathematical Monthly, 2001, 108, 649-653.	0.3	20
4	Mortality in Matrix Semigroups. American Mathematical Monthly, 2001, 108, 649.	0.3	19
5	Undecidability in Integer Weighted Finite Automata. Fundamenta Informaticae, 1999, 38, 189-200.	0.4	18
6	MATRIX EQUATIONS AND HILBERT'S TENTH PROBLEM. International Journal of Algebra and Computation, 2008, 18, 1231-1241.	0.5	16
7	Square-free partial words. Information Processing Letters, 2008, 108, 290-292.	0.6	15
8	Periods and Binary Words. Journal of Combinatorial Theory - Series A, 2000, 89, 298-303.	0.8	13
9	GENERALIZED POST CORRESPONDENCE PROBLEM FOR MARKED MORPHISMS. International Journal of Algebra and Computation, 2000, 10, 757-772.	0.5	12
10	Undecidability of infinite post correspondence problem for instances of Size 9. RAIRO - Theoretical Informatics and Applications, 2006, 40, 551-557.	0.5	10
11	Decidability of the binary infinite Post Correspondence Problem. Discrete Applied Mathematics, 2003, 130, 521-526.	0.9	6
12	REDUCTION TREE OF THE BINARY GENERALIZED POST CORRESPONDENCE PROBLEM. International Journal of Foundations of Computer Science, 2011, 22, 473-490.	1.1	6
13	Improved matrix pair undecidability results. Acta Informatica, 2007, 44, 191-205.	0.5	5
14	Post Correspondence Problem for short words. Information Processing Letters, 2008, 108, 115-118.	0.6	5
15	On Markov's Undecidability Theorem for Integer Matrices. Semigroup Forum, 2007, 75, 173-180.	0.6	4
16	Decision Problems for Probabilistic Finite Automata on Bounded Languages. Fundamenta Informaticae, 2013, 123, 1-14.	0.4	4
17	On a geometric problem of zigzags. Information Processing Letters, 1997, 62, 1-4.	0.6	3
18	Defect theorems with compatibility relations. Semigroup Forum, 2008, 76, 1-24.	0.6	3

#	ARTICLE	IF	CITATIONS
19	New proof for the undecidability of the circular PCP. Acta Informatica, 2013, 50, 331-341.	0.5	3
20	Word problem for deterministic and reversible semi-Thue systems. Semigroup Forum, 2014, 88, 468-478.	0.6	2
21	Small Semi-Thue System Universal with Respect to the Termination Problem. Fundamenta Informaticae, 2017, 154, 177-184.	0.4	2
22	Equality sets of prefix morphisms and regular star languages. Information Processing Letters, 2005, 94, 151-154.	0.6	1
23	The Structure of Infinite Solutions of Marked and Binary Post Correspondence Problems. Theory of Computing Systems, 2007, 40, 43-54.	1.1	1
24	A New Proof for Undecidability of the Bi-Infinite Post Correspondence Problem. Fundamenta Informaticae, 2017, 154, 167-176.	0.4	1
25	Perface. Fundamenta Informaticae, 2018, 162, i-i.	0.4	0
26	On Shuffling a Word with its Letter-to-Letter Substitution. Fundamenta Informaticae, 2020, 175, 201-206.	0.4	0
27	Integer Weighted Automata on Infinite Words. Lecture Notes in Computer Science, 2021, , 167-179.	1.3	0
28	A new proof for the decidability of DOL ultimate periodicity. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 63, 147-151.	0.8	0
29	On the Steps of Emil Post: from Normal Systems to the Correspondence Decision Problem. Acta Cybernetica, 2020, 24, 613-623.	0.6	0
30	On Shuffling a Word with its Letter-to-Letter Substitution. , 2020, , .		0