

Juha Honkala

List of Publications by Year in descending order

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68
all docs

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docs citations

68
times ranked

40
citing authors

#	ARTICLE	IF	CITATIONS
1	Quasi-universal k -regular sequences. Theoretical Computer Science, 2021, 891, 84-84.	0.5	3
2	A characterization of free pairs of upper triangular free monoid morphisms. Information and Computation, 2019, 267, 110-115.	0.5	0
3	A new bound for the DOL language equivalence problem. Acta Informatica, 2018, 55, 81-88.	0.5	0
4	Equality sets of binary DOL sequences. Theoretical Computer Science, 2018, 740, 63-67.	0.5	0
5	Discrete Watson-Crick dynamical systems. Theoretical Computer Science, 2017, 701, 125-131.	0.5	3
6	Rational series with high image complexity. RAIRO - Theoretical Informatics and Applications, 2017, 51, 1-6.	0.5	1
7	DOL Sequences and their Equality Sets. Fundamenta Informaticae, 2017, 154, 201-206.	0.3	1
8	Language-theoretic problems in certain matrix monoids. Theoretical Computer Science, 2015, 601, 21-28.	0.5	0
9	Products of matrices and recursively enumerable sets. Journal of Computer and System Sciences, 2015, 81, 468-472.	0.9	3
10	A Kraft-McMillan inequality for free semigroups of upper-triangular matrices. Information and Computation, 2014, 239, 216-221.	0.5	0
11	Remarks concerning the freeness problem over morphism and matrix semigroups. Theoretical Computer Science, 2014, 557, 115-119.	0.5	2
12	The freeness problem over matrix semigroups and bounded languages. Information and Computation, 2014, 237, 243-256.	0.5	12
13	The sequence equivalence problem for primitive DOL systems. Journal of Computer and System Sciences, 2013, 79, 101-110.	0.9	0
14	EQUALITY SETS OF MORPHIC WORD SEQUENCES. International Journal of Foundations of Computer Science, 2012, 23, 1749-1766.	0.8	3
15	A Characterization of Regular Languages as Equality Sets of HDTOL Sequences. Fundamenta Informaticae, 2012, 116, 123-128.	0.3	1
16	Marked DOL systems and the $\langle \text{si1.gif} \rangle$ display="inline" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.e.	0.5	0
17	The Sequence Equivalence Problem for Marked DTOL Systems. Fundamenta Informaticae, 2011, 110, 175-182.	0.3	0
18	A characterization of rational DOL power series. Acta Informatica, 2011, 48, 19-24.	0.5	0

#	ARTICLE	IF	CITATIONS
19	NUMBER SYSTEMS AND THE INJECTIVITY PROBLEM FOR MATRIX REPRESENTATIONS OF FREE MONOIDS. International Journal of Algebra and Computation, 2009, 19, 229-233.	0.4	2
20	The equality problem for infinite words generated by primitive morphisms. Information and Computation, 2009, 207, 900-907.	0.5	2
21	On the simplification of infinite morphic words. Theoretical Computer Science, 2009, 410, 997-1000.	0.5	13
22	Lindenmayer Systems. Monographs in Theoretical Computer Science, 2009, , 291-311.	0.6	1
23	Sparse and slender subsets of monoids. Semigroup Forum, 2008, 76, 51-57.	0.3	0
24	Cancellation and periodicity properties of iterated morphisms. Theoretical Computer Science, 2008, 391, 61-64.	0.5	5
25	THE DOL $\bar{\equiv}$ -EQUIVALENCE PROBLEM. International Journal of Foundations of Computer Science, 2007, 18, 181-194.	0.8	5
26	A new bound for the DOL sequence equivalence problem. Acta Informatica, 2006, 43, 419-429.	0.5	5
27	THE BASE PROBLEM FOR DOL PARIKH SETS. International Journal of Foundations of Computer Science, 2006, 17, 465-473.	0.8	1
28	An $\langle \text{mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x$	0.9	5
29	The class of HDOL sequences is closed with respect to rational functions. Information Processing Letters, 2005, 94, 155-158.	0.4	2
30	The language equivalence problem for HDOL systems having DOL growths. Theoretical Computer Science, 2005, 330, 123-133.	0.5	2
31	The equivalence problem for languages defined by transductions on DOL languages. International Journal of Computer Mathematics, 2005, 82, 911-918.	1.0	0
32	Bounds for the DOL language equivalence problem. Information and Computation, 2004, 190, 70-80.	0.5	1
33	Decidability questions related to abstract numeration systems. Discrete Mathematics, 2004, 285, 329-333.	0.4	7
34	On infinite HDOL words having sparse letters. International Journal of Computer Mathematics, 2004, 81, 133-139.	1.0	0
35	The Equivalence Problem of Polynomially Bounded DOL Systems $\hat{=}$ a Bound Depending Only on the Size of the Alphabet. Theory of Computing Systems, 2003, 36, 89-103.	0.7	10
36	On images of DOL and DTOL power series. Theoretical Computer Science, 2003, 290, 1869-1882.	0.5	2

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37	Decidability results for Watsonâ€“Crick DOL systems with nonregular triggers. Theoretical Computer Science, 2003, 302, 481-488.	0.5	2
38	On the Images of $\hat{\alpha}$ -Rational Sequences Counting Multiplicities. International Journal of Algebra and Computation, 2003, 13, 303-321.	0.4	6
39	A bound for the $\hat{\alpha}$ -equivalence problem of polynomial DOL systems. RAIRO - Theoretical Informatics and Applications, 2003, 37, 149-157.	0.5	1
40	On DOL Power Series over Various Semirings. Topics in Computer Mathematics, 2003, , 263-273.	0.0	2
41	REMARKS CONCERNING THE DOL $\hat{\alpha}$ -EQUIVALENCE PROBLEM. International Journal of Foundations of Computer Science, 2002, 13, 769-777.	0.8	4
42	The Equivalence Problem for DFOL Languages and Power Series. Journal of Computer and System Sciences, 2002, 65, 377-392.	0.9	4
43	On infinite words generated by polynomial DOL systems. Discrete Applied Mathematics, 2002, 116, 297-305.	0.5	1
44	The equality problem for Parikh simple algebraic power series. Information Processing Letters, 2002, 84, 57-60.	0.4	0
45	Easy cases of the DOL sequence equivalence problem. Discrete Applied Mathematics, 2001, 113, 285-290.	0.5	1
46	On Parikh slender context-free languages. Theoretical Computer Science, 2001, 255, 667-677.	0.5	7
47	Watsonâ€“Crick DOL systems with regular triggers. Theoretical Computer Science, 2001, 259, 689-698.	0.5	20
48	ON SPARSE OL LANGUAGES OVER THE BINARY ALPHABET. , 2001, , 181-188.		0
49	A short solution for the HDTOL sequence equivalence problem. Theoretical Computer Science, 2000, 244, 267-270.	0.5	28
50	On DOL power series. Theoretical Computer Science, 2000, 244, 117-134.	0.5	6
51	On slender OL languages over the binary alphabet. Acta Informatica, 2000, 36, 805-815.	0.5	0
52	RESULTS CONCERNING THINNESS OF DOL LANGUAGES. International Journal of Algebra and Computation, 2000, 10, 209-216.	0.4	1
53	On n-algebraic power series having polynomial growths $¹$. Communications in Algebra, 2000, 28, 3253-3264.	0.3	0
54	The Equivalence Problem of DOL and DFOL Power Series. Fundamenta Informaticae, 1999, 38, 201-208.	0.3	3

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55	On Sequences Defined by DOL Power Series. RAIRO - Theoretical Informatics and Applications, 1999, 33, 125-132.	0.5	5
56	A Power Series Approach to Bounded Languages. , 1999, , 135-144.		1
57	Decision problems concerning thinness and slenderness of formal languages. Acta Informatica, 1998, 35, 625-636.	0.5	18
58	On the Decidability of Some Equivalence Problems for L Algebraic Series. International Journal of Algebra and Computation, 1997, 07, 339-351.	0.4	8
59	Decision Problems Concerning a Power Series Generalization of DTOL Systems. Fundamenta Informaticae, 1997, 32, 341-348.	0.3	2
60	A decision method for Parikh slenderness of context-free languages. Discrete Applied Mathematics, 1997, 73, 1-4.	0.5	9
61	On Lindenmayerian algebraic power series. Theoretical Computer Science, 1997, 183, 113-142.	0.5	6
62	On Lindenmayerian algebraic sequences. Theoretical Computer Science, 1997, 183, 143-154.	0.5	3
63	Decision problems concerning algebraic series with noncommuting variables. Lecture Notes in Computer Science, 1997, , 281-290.	1.0	2
64	ON A POWER SERIES GENERALIZATION OF ETOL LANGUAGES. Fundamenta Informaticae, 1996, 25, 257-270.	0.3	4
65	On Parikh Slender Languages and Power Series. Journal of Computer and System Sciences, 1996, 52, 185-190.	0.9	15
66	On morphically generated formal power series. RAIRO - Theoretical Informatics and Applications, 1995, 29, 105-127.	0.5	10
67	It is decidable whether or not a permutation-free morphism is an l code. International Journal of Computer Mathematics, 1987, 22, 1-11.	1.0	6
68	A decision method for the recognizability of sets defined by number systems. RAIRO - Theoretical Informatics and Applications, 1986, 20, 395-403.	0.5	36