Juha Honkala

List of Publications by Year
in descending order

		1039406	996533
68	303	9	15
papers	citations	h-index	g-index

68	68	68	40
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A decision method for the recognizability of sets defined by number systems. RAIRO - Theoretical Informatics and Applications, 1986, 20, 395-403.	0.5	36
2	A short solution for the HDT0L sequence equivalence problem. Theoretical Computer Science, 2000, 244, 267-270.	0.5	28
3	Watsonâ€“Crick D0L systems with regular triggers. Theoretical Computer Science, 2001, 259, 689-698.	0.5	20
4	Decision problems concerning thinness and slenderness of formal languages. Acta Informatica, 1998, 35, 625-636.	0.5	18
5	On Parikh Slender Languages and Power Series. Journal of Computer and System Sciences, 1996, 52, 185-190.	0.9	15
6	On the simplification of infinite morphic words. Theoretical Computer Science, 2009, 410, 997-1000.	0.5	13
7	The freeness problem over matrix semigroups and bounded languages. Information and Computation, 2014, 237, 243-256.	0.5	12
8	On morphically generated formal power series. RAIRO - Theoretical Informatics and Applications, 1995, 29, 105-127.	0.5	10
9	The Equivalence Problem of Polynomially Bounded D0L Systemsâ€” a Bound Depending Only on the Size of the Alphabet. Theory of Computing Systems, 2003, 36, 89-103.	0.7	10
10	A decision method for Parikh slenderness of context-free languages. Discrete Applied Mathematics, 1997, 73, 1-4.	0.5	9
11	On the Decidability of Some Equivalence Problems for L Algebraic Series. International Journal of Algebra and Computation, 1997, 07, 339-351.	0.4	8
12	On Parikh slender context-free languages. Theoretical Computer Science, 2001, 255, 667-677.	0.5	7
13	Decidability questions related to abstract numeration systems. Discrete Mathematics, 2004, 285, 329-333.	0.4	7
14	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
15	On Lindenmayerian algebraic power series. Theoretical Computer Science, 1997, 183, 113-142.	0.5	6
16	On D0L power series. Theoretical Computer Science, 2000, 244, 117-134.	0.5	6
17	On the Images of â„•-Rational Sequences Counting Multiplicities. International Journal of Algebra and Computation, 2003, 13, 303-321.	0.4	6
18	On Sequences Defined by D0L Power Series. RAIRO - Theoretical Informatics and Applications, 1999, 33, 125-132.	0.5	5

#	Article	IF	Citations
19	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
20	A new bound for the D0L sequence equivalence problem. Acta Informatica, 2006, 43, 419-429.	0.5	5
21	THE D0L Ï‰-EQUIVALENCE PROBLEM. International Journal of Foundations of Computer Science, 2007, 18, 181-194.	0.8	5
22	Cancellation and periodicity properties of iterated morphisms. Theoretical Computer Science, 2008, 391, 61-64.	0.5	5
23	ON A POWER SERIES GENERALIZATION OF ETOL LANGUAGES. Fundamenta Informaticae, 1996, 25, 257-270.	0.3	4
24	REMARKS CONCERNING THE D0L Ï‰-EQUIVALENCE PROBLEM. International Journal of Foundations of Computer Science, 2002, 13, 769-777.	0.8	4
25	The Equivalence Problem for DF0L Languages and Power Series. Journal of Computer and System Sciences, 2002, 65, 377-392.	0.9	4
26	On Lindenmayerian algebraic sequences. Theoretical Computer Science, 1997, 183, 143-154.	0.5	3
27	The Equivalence Problem of D0L and DF0L Power Series. Fundamenta Informaticae, 1999, 38, 201-208.	0.3	3
28	EQUALITY SETS OF MORPHIC WORD SEQUENCES. International Journal of Foundations of Computer Science, 2012, 23, 1749-1766.	0.8	3
29	Products of matrices and recursively enumerable sets. Journal of Computer and System Sciences, 2015, 81, 468-472.	0.9	3
30	Discrete Watsonâ€“Crick dynamical systems. Theoretical Computer Science, 2017, 701, 125-131.	0.5	3
31	Quasi-universal k-regular sequences. Theoretical Computer Science, 2021, 891, 84-84.	0.5	3
32	Decision Problems Concerning a Power Series Generalization of DTOL Systems. Fundamenta Informaticae, 1997, 32, 341-348.	0.3	2
33	On images of D0L and DT0L power series. Theoretical Computer Science, 2003, 290, 1869-1882.	0.5	2
34	Decidability results for Watsonâ€“Crick D0L systems with nonregular triggers. Theoretical Computer Science, 2003, 302, 481-488.	0.5	2
35	The class of HDT0L sequences is closed with respect to rational functions. Information Processing Letters, 2005, 94, 155-158.	0.4	2
36	The language equivalence problem for HD0L systems having D0L growths. Theoretical Computer Science, 2005, 330, 123-133.	0.5	2

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37	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
38	The equality problem for infinite words generated by primitive morphisms. Information and Computation, 2009, 207, 900-907.	0.5	2
39	Remarks concerning the freeness problem over morphism and matrix semigroups. Theoretical Computer Science, 2014, 557, 115-119.	0.5	2
40	Decision problems concerning algebraic series with noncommuting variables. Lecture Notes in Computer Science, 1997, , 281-290.	1.0	2
41	On D0L Power Series over Various Semirings. Topics in Computer Mathematics, 2003, , 263-273.	0.0	2
42	RESULTS CONCERNING THINNESS OF D0L LANGUAGES. International Journal of Algebra and Computation, 2000, 10, 209-216.	0.4	1
43	Easy cases of the D0L sequence equivalence problem. Discrete Applied Mathematics, 2001, 113, 285-290.	0.5	1
44	On infinite words generated by polynomial D0L systems. Discrete Applied Mathematics, 2002, 116, 297-305.	0.5	1
45	A bound for theï‰-equivalence problem of polynomial D0L systems. RAIRO - Theoretical Informatics and Applications, 2003, 37, 149-157.	0.5	1
46	Bounds for the D0L language equivalence problem. Information and Computation, 2004, 190, 70-80.	0.5	1
47	THE BASE PROBLEM FOR D0L PARIKH SETS. International Journal of Foundations of Computer Science, 2006, 17, 465-473.	0.8	1
48	A Characterization of Regular Languages as Equality Sets of HDT0L Sequences. Fundamenta Informaticae, 2012, 116, 123-128.	0.3	1
49	Rational series with high image complexity. RAIRO - Theoretical Informatics and Applications, 2017, 51, 1-6.	0.5	1
50	D0L Sequences and their Equality Sets. Fundamenta Informaticae, 2017, 154, 201-206.	0.3	1
51	Lindenmayer Systems. Monographs in Theoretical Computer Science, 2009, , 291-311.	0.6	1
52	A Power Series Approach to Bounded Languages. , 1999, , 135-144.		1
53	On slender 0L languages over the binary alphabet. Acta Informatica, 2000, 36, 805-815.	0.5	0
54	On n-algebraic power series having polynomial growths¹1. Communications in Algebra, 2000, 28, 3253-3264.	0.3	0

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55	The equality problem for Parikh simple algebraic power series. Information Processing Letters, 2002, 84, 57-60.	0.4	0
56	On infinite HD0L words having sparse letters. International Journal of Computer Mathematics, 2004, 81, 133-139.	1.0	0
57	The equivalence problem for languages defined by transductions on D0L languages. International Journal of Computer Mathematics, 2005, 82, 911-918.	1.0	0
58	Sparse and slender subsets of monoids. Semigroup Forum, 2008, 76, 51-57.	0.3	0
59	The Sequence Equivalence Problem for Marked DT0L Systems. Fundamenta Informaticae, 2011, 110, 175-182.	0.3	0
60	A characterization of rational D0L power series. Acta Informatica, 2011, 48, 19-24.	0.5	0
61	Marked D0L systems and the <mml:math altimg="si1.gif" 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. Theoretical	0.5	0
62	The sequence equivalence problem for primitive D0L systems. Journal of Computer and System Sciences, 2013, 79, 101-110.	0.9	0
63	A Kraftâ€“McMillan inequality for free semigroups of upper-triangular matrices. Information and Computation, 2014, 239, 216-221.	0.5	0
64	Language-theoretic problems in certain matrix monoids. Theoretical Computer Science, 2015, 601, 21-28.	0.5	0
65	A new bound for the D0L language equivalence problem. Acta Informatica, 2018, 55, 81-88.	0.5	0
66	Equality sets of binary D0L sequences. Theoretical Computer Science, 2018, 740, 63-67.	0.5	0
67	A characterization of free pairs of upper triangular free monoid morphisms. Information and Computation, 2019, 267, 110-115.	0.5	0
68	ON SPARSE 0L LANGUAGES OVER THE BINARY ALPHABET. , 2001, , 181-188.		0