Relationships between nondeterministic and determini

Journal of Computer and System Sciences 4, 177-192 DOI: 10.1016/s0022-0000(70)80006-x

Citation Report

#	Article	IF	CITATIONS
1	Time- and tape-bounded turing acceptors and AFLs. Journal of Computer and System Sciences, 1970, 4, 606-621.	0.9	58
2	Tape- and time-bounded Turing acceptors and AFLs (Extended Abstract). , 1970, , .		2
3	Writing stack acceptors. , 1970, , .		1
4	Characterizations of some tape and time complexity classes of turing machines in terms of multihead and auxiliary stack automata. Journal of Computer and System Sciences, 1971, 5, 88-117.	0.9	56
5	A note on AFLs and bounded erasing. Information and Control, 1971, 19, 18-29.	1.3	10
6	Maze recognizing automata (Extended Abstract). , 1972, , .		0
7	On Languages Accepted in Polynomial Time. SIAM Journal on Computing, 1972, 1, 281-287.	0.8	52
8	Tape bounds for time-bounded turing machines. Journal of Computer and System Sciences, 1972, 6, 116-124.	0.9	41
9	A Note Concerning Nondeterministic Tape Complexities. Journal of the ACM, 1972, 19, 608-612.	1.8	67
10	A hierarchy for nondeterministic time complexity. , 1972, , .		26
11	Writing stack acceptors. Journal of Computer and System Sciences, 1972, 6, 168-204.	0.9	4
12	A note on multihead automata and context-sensitive languages. Acta Informatica, 1973, 2, 249-252.	0.5	26
13	A hierarchy for nondeterministic time complexity. Journal of Computer and System Sciences, 1973, 7, 343-353.	0.9	123
14	Maze recognizing automata and nondeterministic tape complexity. Journal of Computer and System Sciences, 1973, 7, 389-403.	0.9	42
15	Refinements of the nondeterministic time and space hierarchies. , 1973, , .		20
16	Word problems requiring exponential time(Preliminary Report). , 1973, , .		553
17	On tape-bounded complexity classes and multi-head finite automata. , 1973, , .		12
18	On the time and tape complexity of languages I. , 1973, , .		34

ITATION REDO

#	Article	IF	CITATIONS
19	Two way deterministic pushdown automaton languages and some open problems in the theory of computation. , 1974, , .		14
20	Tally languages and complexity classes. Information and Control, 1974, 26, 186-193.	1.3	114
21	Bounded-reversal multihead finite automata languages. Information and Control, 1974, 25, 317-328.	1.3	22
22	Comparing complexity classes. Journal of Computer and System Sciences, 1974, 9, 213-229.	0.9	46
23	A characterization of the power of vector machines. , 1974, , .		28
24	On the power of multiplication in random access machines. , 1974, , .		81
25	On tape-bounded complexity classes and multihead finite automata. Journal of Computer and System Sciences, 1975, 10, 62-76.	0.9	65
26	Some clarifications of the concept of a Garden-of-Eden configuration. Journal of Computer and System Sciences, 1975, 10, 77-82.	0.9	13
27	Splitting a Context-Sensitive Set. Journal of Computer and System Sciences, 1975, 10, 83-87.	0.9	5
28	Space-bounded reducibility among combinatorial problems. Journal of Computer and System Sciences, 1975, 11, 68-85.	0.9	306
29	The tape-complexity of context-independent developmental languages. Journal of Computer and System Sciences, 1975, 11, 203-211.	0.9	14
30	Rudimentary modelling of indeterminate turing calculations. Cybernetics and Systems Analysis, 1975, 9, 212-218.	0.0	1
31	Degree-languages, polynomial time recognition, and the LBA problem. , 1975, , .		3
32	A grammatical characterization of exponential-time languages. , 1975, , .		5
33	A Decision Procedure for the First Order Theory of Real Addition with Order. SIAM Journal on Computing, 1975, 4, 69-76.	0.8	145
34	Relativizations of the \$mathcal{P} = ?mathcal{NP}\$ Question. SIAM Journal on Computing, 1975, 4, 431-442.	0.8	604
35	On time versus space and related problems. , 1975, , .		51
36	On parallelism in turing machines. , 1976, , .		69

# 37	ARTICLE Exponential space complete problems for Petri nets and commutative semigroups (Preliminary Report). , 1976, , .	IF	Citations
38	On the Structure of Feasible Computations. Advances in Computers, 1976, 14, 1-43.	1.2	7
39	Alternation. , 1976, , .		87
40	On deterministic context-free languages, multihead automata, and the power of an auxiliary pushdown store. , 1976, , .		13
41	Remarks on the complexity of nondeterministic counter languages. Theoretical Computer Science, 1976, 1, 269-288.	0.5	50
42	Classes of formal grammars. Journal of Soviet Mathematics, 1976, 6, 189-209.	0.0	1
43	New problems complete for nondeterministic log space. Mathematical Systems Theory, 1976, 10, 1-17.	0.5	113
44	Relativization of questions about log space computability. Mathematical Systems Theory, 1976, 10, 19-32.	0.5	149
45	On the complexity of finite, pushdown, and stack automata. Mathematical Systems Theory, 1976, 10, 33-52.	0.5	11
46	Some open problems in the theory of computation as questions about two-way deterministic pushdown automaton languages. Mathematical Systems Theory, 1976, 10, 211-228.	0.5	32
47	Hierarchies of complete problems. Acta Informatica, 1976, 6, 77-88.	0.5	34
48	Transformational methods and their application to complexity problems. Acta Informatica, 1976, 6, 95-108.	0.5	38
49	Spatial complexity of recognition of context-free languages. Cybernetics and Systems Analysis, 1976, 11, 736-741.	0.0	1
50	Translational lemmas, polynomial time, and (log n)j-space. Theoretical Computer Science, 1976, 1, 215-226.	0.5	30
51	The polynomial-time hierarchy. Theoretical Computer Science, 1976, 3, 1-22.	0.5	974
52	The covering problem for linear context-free grammars. Theoretical Computer Science, 1976, 2, 361-382.	0.5	11
53	A characterization of the power of vector machines. Journal of Computer and System Sciences, 1976, 12, 198-221.	0.9	106
54	On the equivalence, containment, and covering problems for the regular and context-free languages. Journal of Computer and System Sciences, 1976, 12, 222-268.	0.9	113

#	Article	IF	Citations
55	On the relativization of deterministic and nondeterministic complexity classes. Lecture Notes in Computer Science, 1976, , 255-259.	1.0	7
56	Separating tape bounded auxiliary pushdown automata classes. , 1977, , .		6
57	Computations with a restricted number of nondeterministic steps (Extended Abstract). , 1977, , .		26
58	Lower bounds for natural proof systems. , 1977, , .		253
59	On Relating Time and Space to Size and Depth. SIAM Journal on Computing, 1977, 6, 733-744.	0.8	296
60	The Computational Complexity of Provability in Systems of Modal Propositional Logic. SIAM Journal on Computing, 1977, 6, 467-480.	0.8	370
61	Recursive turing machines â€. International Journal of Computer Mathematics, 1977, 6, 3-31.	1.0	7
62	Degree-languages: A new concept of acceptance. Journal of Computer and System Sciences, 1977, 14, 187-209.	0.9	8
63	Techniques for separating space complexity classes. Journal of Computer and System Sciences, 1977, 14, 73-99.	0.9	32
64	Relating refined space complexity classes. Journal of Computer and System Sciences, 1977, 14, 100-129.	0.9	47
65	Complexity of some problems in Petri nets. Theoretical Computer Science, 1977, 4, 277-299.	0.5	213
66	Inclusion complete tally languages and the Hartmanis-Berman conjecture. Mathematical Systems Theory, 1977, 11, 1-8.	0.5	24
67	Size, index, and context-sensitivity of controlled partition grammars. Mathematical Systems Theory, 1977, 11, 47-60.	0.5	0
68	Van wijngaarden grammars and space complexity class EXSPACE. Acta Informatica, 1977, 8, 193-199.	0.5	7
69	Log space machines with multiple oracle tapes. Theoretical Computer Science, 1978, 6, 25-39.	0.5	26
70	The covering and boundedness problems for vector addition systems. Theoretical Computer Science, 1978, 6, 223-231.	0.5	290
71	Stack languages and log n space. Journal of Computer and System Sciences, 1978, 17, 281-299.	0.9	6
72	On inverse deterministic pushdown transductions. Journal of Computer and System Sciences, 1978, 16, 423-444.	0.9	4

# 73	ARTICLE Nondeterminism and boolean operations in pda's. Journal of Computer and System Sciences, 1978, 16, 456-461.	IF 0.9	Citations
74	On the Tape Complexity of Deterministic Context-Free Languages. Journal of the ACM, 1978, 25, 405-414.	1.8	182
75	One-way log-tape reductions. , 1978, , .		50
76	On tape Bounded probabilistic turing machine transducers. , 1978, , .		6
77	On Structure Preserving Reductions. SIAM Journal on Computing, 1978, 7, 119-126.	0.8	14
78	Nondeterminism and the size of two way finite automata. , 1978, , .		119
79	Theoretical and Applied Computer Science: Antagonism or Symbiosis?. American Mathematical Monthly, 1979, 86, 253-260.	0.2	3
80	Hierarchies of recursive computationsâ€. International Journal of Computer Mathematics, 1979, 7, 271-286.	1.0	0
81	Lower bounds on the size of sweeping automata. , 1979, , .		26
82	Time Bounded Random Access Machines with Parallel Processing. Journal of the ACM, 1979, 26, 103-118.	1.8	46
83	Tree-size bounded alternation(Extended Abstract). , 1979, , .		5
84	The pebbling problem is complete in polynomial space. , 1979, , .		7
85	Formal languages: Origins and directions. , 1979, , .		3
86	A simulation result for the auxiliary pushdown automata. Journal of Computer and System Sciences, 1979, 19, 119-132.	0.9	4
87	Random walks, universal traversal sequences, and the complexity of maze problems. , 1979, , .		462
88	Universal games of incomplete information. , 1979, , .		41
89	Complexity of the mover's problem and generalizations. , 1979, , .		475
90	Multiple-person alternation. , 1979, , .		88

#	Article	IF	CITATIONS
91	Length of predicate calculus formulas as a new complexity measure. , 1979, , .		9
92	Observations about the development of theoretical computer science. , 1979, , .		3
93	Deterministic CFL's are accepted simultaneously in polynomial time and log squared space. , 1979, , .		66
94	Unsolvability of the knot problem for surface complexes. Bulletin of the Australian Mathematical Society, 1979, 20, 131-137.	0.3	3
95	On a subclass of pseudopolynomial problems. , 1980, , 414-425.		3
96	Uniform data encodings. Theoretical Computer Science, 1980, 11, 145-165.	0.5	10
97	Lower bounds on the size of sweeping automata. Journal of Computer and System Sciences, 1980, 21, 195-202.	0.9	69
98	Tree-size bounded alternation. Journal of Computer and System Sciences, 1980, 21, 218-235.	0.9	212
99	The Pebbling Problem is Complete in Polynomial Space. SIAM Journal on Computing, 1980, 9, 513-524.	0.8	57
100	Path Systems: Constructions, Solutions and Applications. SIAM Journal on Computing, 1980, 9, 348-374.	0.8	11
101	Efficient algorithms for path system problems and applications to alternating and time-space complexity classes. , 1980, , .		18
102	Hardware complexity and parallel computation. , 1980, , .		52
103	On similarity and duality of computation. , 1980, , .		3
104	Space Lower Bounds for Maze Threadability on Restricted Machines. SIAM Journal on Computing, 1980, 9, 636-652.	0.8	92
105	Observations About the Development of Theoretical Computer Science. IEEE Annals of the History of Computing, 1981, 3, 42-51.	0.2	27
106	Languages Simultaneously Complete for One-Way and Two-Way Log-Tape Automata. SIAM Journal on Computing, 1981, 10, 383-390.	0.8	32
107	Limitations on Separating Nondeterministic Complexity Classes. SIAM Journal on Computing, 1981, 10, 742-745.	0.8	20
108	Space-bounded probabilistic turing machine complexity classes are closed under complement (Preliminary Version). , 1981, , .		11

#	Article	IF	CITATIONS
109	Non deterministic polynomial optimization problems and their approximations. Theoretical Computer Science, 1981, 15, 251-277.	0.5	152
110	(Semi)alternating stack automata. Mathematical Systems Theory, 1981, 15, 211-224.	0.5	10
111	Complexity of algorithms and computations. Journal of Soviet Mathematics, 1981, 15, 140-165.	0.0	5
112	On tape-bounded probabilistic Turing machine acceptors. Theoretical Computer Science, 1981, 16, 75-91.	0.5	16
113	Bounded query machines: On NP and PSPACE. Theoretical Computer Science, 1981, 15, 27-39.	0.5	35
114	Alternation. Journal of the ACM, 1981, 28, 114-133.	1.8	1,162
115	Formal Languages: Origins and Directions. IEEE Annals of the History of Computing, 1981, 3, 14-41.	0.2	18
116	An extension of Savitch's theorem to small space bounds. Information Processing Letters, 1981, 12, 106-108.	0.4	9
117	The prepositional dynamic logic of deterministic, well-structured programs. , 1981, , .		13
118	Relativizing time and space. , 1981, , .		3
119	A complexity theory based on Boolean algebra. , 1981, , .		25
120	Measures of parallelism in alternating computation trees (Extended Abstract). , 1981, , .		4
121	What are the gains of the theory of algorithms. Lecture Notes in Computer Science, 1981, , 100-234.	1.0	19
122	A complexity theory for unbounded fan-in parallelism. , 1982, , .		22
123	Inclusion dependencies and their interaction with functional dependencies. , 1982, , .		59
124	The complexity of propositional linear temporal logics. , 1982, , .		37
125	Relativizing Time, Space, and Time-Space. SIAM Journal on Computing, 1982, 11, 571-581.	0.8	19
126	Symmetric space-bounded computation. Theoretical Computer Science, 1982, 19, 161-187.	0.5	151

ARTICLE IF CITATIONS # On eliminating nondeterminism from turing machines which use less than logarithm worktape space. 127 0.5 20 Theoretical Computer Science, 1982, 21, 237-253. On the computational complexity of satisfiability in propositional logics of programs. Theoretical Computer Science, 1982, 21, 179-212. 129 A note on three-dimensional finite automata. Information Sciences, 1982, 26, 65-85. 4.0 12 The complexity of the word problems for commutative semigroups and polynomial ideals. Advances in 0.5 Mathematics, 1982, 46, 305-329. On the complexity of some problems concerning the use of procedures. I.. Acta Informatica, 1982, 18, 131 0.5 8 299 Space efficient algorithms for some graph theoretical problems. Acta Informatica, 1982, 17, 411. Complexity theory and the operational structure of algebraic programming systems. Acta Informatica, 133 0.5 6 1982, 17, 451. Temporal logic can be more expressive. Information and Control, 1983, 56, 72-99. 1.3 134 502 Parallel computation for well-endowed rings and space-bounded probabilistic machines. Information 135 1.3 123 and Control, 1983, 58, 113-136. Relativized cryptography. IEEE Transactions on Information Theory, 1983, 29, 877-894. 1.5 Safety in grammatical protection systems. International Journal of Computer & Information Sciences, 137 0.2 16 1983, 12, 413-431. Bandwidth constraints on problems complete for polynomial time. Theoretical Computer Science, 138 1983, 26, 25-52. The complexity of monadic recursion schemes: Executability problems, nesting depth, and applications. 139 0.5 3 Theoretical Computer Science, 1983, 27, 3-38. The propositional dynamic logic of deterministic, well-structured programs. Theoretical Computer 140 Science, 1983, 27, 127-165. Complexity of the first-order theory of almost all finite structures. Information and Control, 1983, 141 1.3 44 57, 180-204. Positive Relativizations of Complexity Classes. SIAM Journal on Computing, 1983, 12, 565-579. 142 143 Alternation and the power of nondeterminism., 1983,,. 21 144 Cost Trade-offs in Graph Embeddings, with Applications. Journal of the ACM, 1983, 30, 709-728. 1.8

#	Article	IF	CITATIONS
145	On tape versus core an application of space efficient perfect hash functions to the invariance of space. , 1984, , .		14
146	Characterizations and computational complexity of systolic trellis automata. Theoretical Computer Science, 1984, 29, 123-153.	0.5	64
147	Improved dynamic programming algorithms for bandwidth minimization and the MinCut Linear Arrangement problem. Journal of Algorithms, 1984, 5, 531-546.	0.9	96
148	The NP-completeness column: An ongoing guide. Journal of Algorithms, 1984, 5, 433-447.	0.9	16
149	Consistency in nondeterministic storage. Journal of Computer and System Sciences, 1984, 29, 118-132.	0.9	2
150	Inclusion dependencies and their interaction with functional dependencies. Journal of Computer and System Sciences, 1984, 28, 29-59.	0.9	179
151	Alternation bounded auxiliary pushdown automata. Information and Control, 1984, 62, 93-108.	1.3	14
152	On similarity and duality of computation (I). Information and Control, 1984, 62, 109-128.	1.3	16
153	Characterizations of reduction classes modulo oracle conditions. Mathematical Systems Theory, 1984, 17, 263-277.	0.5	1
154	Constant Depth Reducibility. SIAM Journal on Computing, 1984, 13, 423-439.	0.8	250
155	Quantitative Relativizations of Complexity Classes. SIAM Journal on Computing, 1984, 13, 461-487.	0.8	120
156	The complexity of finding minimum-length generator sequences. Lecture Notes in Computer Science, 1984, , 270-280.	1.0	2
157	Boundedness, empty channel detection and synchronization for communicating finite state machines. , 1985, , 287-298.		1
158	Complete problems for space bounded subclasses of NP. Acta Informatica, 1985, 22, 379-395.	0.5	2
159	Complexity results on the conjugacy problem for monoids. Theoretical Computer Science, 1985, 35, 227-243.	0.5	16
160	The complexity of finding minimum-length generator sequences. Theoretical Computer Science, 1985, 36, 265-289.	0.5	109
161	On bounded query machines. Theoretical Computer Science, 1985, 40, 237-243.	0.5	12
162	A multiprocess network logic with temporal and spatial modalities. Journal of Computer and System Sciences, 1985, 30, 41-53.	0.9	39

#	Article	IF	Citations
163	On efficient deterministic simulation of turing machine computations below logaspace. Mathematical Systems Theory, 1985, 18, 11-18.	0.5	4
164	Bandwidth constrained NP-complete problems. Theoretical Computer Science, 1985, 41, 141-167.	0.5	12
165	On some natural complete operators. Theoretical Computer Science, 1985, 37, 1-30.	0.5	68
166	Pseudorandom number generation and space complexity. Information and Control, 1985, 64, 43-51.	1.3	7
167	Complexity of some problems from the theory of automata. Information and Control, 1985, 66, 163-176.	1.3	53
168	A multiparameter analysis of the boundedness problem for vector addition systems. , 1985, , 361-370.		1
169	White pebbles help. , 1985, , .		7
170	Recurring Dominoes: Making the Highly Undecidable Highly Understandable. North-Holland Mathematics Studies, 1985, 102, 51-71.	0.2	37
171	Are search and decision programs computationally equivalent?. , 1985, , .		30
172	The complexity of propositional linear temporal logics. Journal of the ACM, 1985, 32, 733-749.	1.8	1,072
173	Priority Networks of Communicating Finite State Machines. SIAM Journal on Computing, 1985, 14, 569-584.	0.8	14
174	A complexity theory based on Boolean algebra. Journal of the ACM, 1985, 32, 484-502.	1.8	80
175	The space complexity of the accessibility problem for undirected graphs of log n bounded genus. , 1986, , 484-492.		2
176	p-Projection reducibility and the complexity classes â"' (nonuniform) and Nâ"' (nonuniform). , 1986, , 527-535.		10
177	A multiparameter analysis of the boundedness problem for vector addition systems. Journal of Computer and System Sciences, 1986, 32, 105-135.	0.9	57
178	Domino-tiling games. Journal of Computer and System Sciences, 1986, 32, 374-392.	0.9	63
179	On the power of two-way random generators and the impossibility of deterministic poly-space simulation. Information and Control, 1986, 71, 131-142.	1.3	6
180	Boundedness, empty channel detection, and synchronization for communicating finite automata. Theoretical Computer Science, 1986, 44, 69-105.	0.5	24

#	Article	IF	Citations
181	On two problems related to cancellativity. Semigroup Forum, 1986, 33, 331-356.	0.3	9
182	The polynomial-time hierarchy and sparse oracles. Journal of the ACM, 1986, 33, 603-617.	1.8	82
183	A new pebble game that characterizes parallel complexity classes. , 1986, , .		3
184	On the power one-way communication. , 1986, , .		8
185	Classifying the computational complexity of problems. Journal of Symbolic Logic, 1987, 52, 1-43.	0.4	70
186	The Complexity of Markov Decision Processes. Mathematics of Operations Research, 1987, 12, 441-450.	0.8	858
187	Parallel Computer Models and Combinatorial Algorithms. North-Holland Mathematics Studies, 1987, , 325-364.	0.2	8
188	Towards a theory of relativizations: Positive relativizations. , 1987, , 1-21.		4
189	Logspace Hierarchies, Polynomial Time and the Complexity of Fairness Problems Concerning \$omega \$-Machines. SIAM Journal on Computing, 1987, 16, 779-807.	0.8	9
190	Expected Computation Time for Hamiltonian Path problem. SIAM Journal on Computing, 1987, 16, 486-502.	0.8	108
191	RelativizedNC. Mathematical Systems Theory, 1987, 20, 13-29.	0.5	31
192	Separation with the Ruzzo, Simon, and Tompa relativization implies Dspace(log n) ≠Nspace(log n). Information Processing Letters, 1987, 25, 13-15.	0.4	12
193	Sublogarithmic-space turing machines, nonuniform space complexity, and closure properties. Mathematical Systems Theory, 1988, 21, 1-17.	0.5	17
194	On the finite-valuedness problem for sequential machines. Theoretical Computer Science, 1988, 23, 95-101.	0.5	27
195	Non-Horn clause logic programming without contrapositives. Journal of Automated Reasoning, 1988, 4, 287.	1.1	72
196	Relating the power of cellular arrays to their closure properties. Theoretical Computer Science, 1988, 57, 225-238.	0.5	40
197	The power of nondeterminism in polynomial- size bounded-width branching programs. Theoretical Computer Science, 1988, 62, 319-325.	0.5	2
198	White pebbles help. Journal of Computer and System Sciences, 1988, 36, 108-124.	0.9	5

#	Article	IF	CITATIONS
199	A measure of relativized space which is faithful with respect to depth. Journal of Computer and System Sciences, 1988, 36, 303-312.	0.9	26
200	Relativized alternation and space-bounded computation. Journal of Computer and System Sciences, 1988, 36, 351-378.	0.9	35
201	The problem of space invariance for sequential machines. Information and Computation, 1988, 77, 93-122.	0.5	20
202	On a complexity hierarchy between L and NL. Information Processing Letters, 1988, 29, 177-182.	0.4	9
203	On Sets Truth-Table Reducible to Sparse Sets. SIAM Journal on Computing, 1988, 17, 903-919.	0.8	59
204	Nondeterministic Space is Closed under Complementation. SIAM Journal on Computing, 1988, 17, 935-938.	0.8	533
205	Two applications of complementation via inductive counting. , 1988, , .		14
206	Reachability is harder for directed than for undirected finite graphs. , 1988, , .		5
207	On the power of one-way communication. Journal of the ACM, 1988, 35, 697-726.	1.8	37
208	On the power of white pebbles. , 1988, , .		3
209	Polynomial universal traversing sequences for cycles are constructible. , 1988, , .		21
210			
	Complexity theory of parallel time and hardware. Information and Computation, 1989, 80, 205-226.	0.5	24
211	Complexity theory of parallel time and hardware. Information and Computation, 1989, 80, 205-226. The logarithmic alternation hierarchy collapses: AΣ2L = AÎ2L. Information and Computation, 1989, 80, 269-288.	0.5	24 10
211 212	The logarithmic alternation hierarchy collapses: AΣ2L = AÎ2L. Information and Computation, 1989, 80,		
	The logarithmic alternation hierarchy collapses: AΣ2L = AÎ2L. Information and Computation, 1989, 80, 269-288.	0.5	10
212	The logarithmic alternation hierarchy collapses: AΣ2L = AÎ2L. Information and Computation, 1989, 80, 269-288. A note on the best-case complexity. Information Processing Letters, 1989, 30, 133-138.	0.5 0.4	10 2
212 213	The logarithmic alternation hierarchy collapses: AΣ2L = AÎ2L. Information and Computation, 1989, 80, 269-288. A note on the best-case complexity. Information Processing Letters, 1989, 30, 133-138. Parallel models of computation: an introductory survey. Calcolo, 1989, 26, 209-236. A simple linear expected time algorithm for finding a hamilton path. Discrete Mathematics, 1989, 75,	0.5 0.4 0.6	10 2 0

#	Article	IF	CITATIONS
217	A note on nondeterminism in small, fast parallel computers. IEEE Transactions on Computers, 1989, 38, 766-767.	2.4	2
218	Bounds on Universal Sequences. SIAM Journal on Computing, 1989, 18, 268-277.	0.8	32
219	A New Pebble Game that Characterizes Parallel Complexity Classes. SIAM Journal on Computing, 1989, 18, 533-549.	0.8	31
220	Two Applications of Inductive Counting for Complementation Problems. SIAM Journal on Computing, 1989, 18, 559-578.	0.8	100
221	Improved control strategy for parallel logic programming. , 0, , .		1
222	If deterministic and nondeterministic space complexities are equal for log log n then they are also equal for log n. , 1989, , 251-255.		4
223	Complexity theory and formal languages. , 1988, , 19-36.		2
224	Using inductive counting to simulate nondeterministic computation. , 1990, , 187-194.		4
225	Polynomial size \hat{I} ©-branching programs and their computational power. Information and Computation, 1990, 85, 163-182.	0.5	19
226	Topological invariants of classification problems. Theoretical Computer Science, 1990, 72, 3-26.	0.5	0
227	New developments in structural complexity theory. Theoretical Computer Science, 1990, 71, 79-93.	0.5	15
228	Logic vs. complexity theoretic properties of the graph accessibility problem for directed graphs of bounded degree. Information Processing Letters, 1990, 34, 143-146.	0.4	0
229	If deterministic and nondeterministic space complexities are equal for log log n, then they are also equal for log n. Theoretical Computer Science, 1990, 74, 115-119.	0.5	11
230	Positive relativizations for log space computability. Theoretical Computer Science, 1990, 77, 221-235.	0.5	1
231	The difference between one tape and two tapes: With respect to reversal complexity. Theoretical Computer Science, 1990, 73, 265-278.	0.5	3
232	Procedural languages for database queries and updates. Journal of Computer and System Sciences, 1990, 41, 181-229.	0.9	79
233	Machine Models and Simulations. , 1990, , 1-66.		131
234	Nondeterministic computations in sublogarithmic space and space constructibility. , 1990, , 111-124.		1

#	Article	IF	CITATIONS
235	A Catalog of Complexity Classes. , 1990, , 67-161.		164
236	Deciding ML typability is complete for deterministic exponential time. , 1990, , .		65
237	Reachability is harder for directed than for undirected finite graphs. Journal of Symbolic Logic, 1990, 55, 113-150.	0.4	109
238	Complexity Classes. Annual Review of Computer Science, 1990, 4, 105-117.	0.4	0
239	Time-space tradeoffs for undirected graph traversal. , 0, , .		13
240	Juris Hartmanis: The Beginnings of Computational Complexity. , 1990, , 5-18.		6
241	Nondeterministic Computations in Sublogarithmic Space and Space Constructibility. SIAM Journal on Computing, 1991, 20, 484-498.	0.8	45
242	Reversal Complexity. SIAM Journal on Computing, 1991, 20, 622-638.	0.8	24
243	Decision problems for interacting finite state machines. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 1991, 10, 1576-1579.	1.9	0
244	Space bounded computations: review and new separation results. Theoretical Computer Science, 1991, 80, 289-302.	0.5	32
245	Datalog extensions for database queries and updates. Journal of Computer and System Sciences, 1991, 43, 62-124.	0.9	192
246	Oracle branching programs and Logspace versus P. Information and Computation, 1991, 95, 96-115.	0.5	11
247	On oblivious branching programs of linear length. Information and Computation, 1991, 94, 232-249.	0.5	16
248	The complexity of Grigorchuk groups with application to cryptography. Theoretical Computer Science, 1991, 88, 83-98.	0.5	33
249	Finite-automaton aperiodicity is PSPACE-complete. Theoretical Computer Science, 1991, 88, 99-116.	0.5	51
250	The complexity of problems involving structurally bounded and conservative Petri nets. Information Processing Letters, 1991, 39, 309-315.	0.4	3
251	On the power of white pebbles. Combinatorica, 1991, 11, 157-171.	0.6	5
252	Deterministic algorithms for undirected s-t connectivity using polynomial time and sublinear space , 1991, , .		12

#	Article		IF	CITATIONS
253	What is an inference rule?. Journal of Symbolic Logic, 1992, 57, 1018-1045.		0.4	26
254	Undirected connectivity in O(log/sup 1.5/n) space. , 1992, , .			55
255	Reasoning about systems with many processes. Journal of the ACM, 1992, 39, 675-735.		1.8	328
256	Fixpoint logics, relational machines, and computational complexity. , 0, , .			18
257	RL⊆SC., 1992,,.			26
258	A sublinear space, polynomial time algorithm for directed s-t connectivity. , 0, , .			9
259	Nondeterministic and alternating computations. , 0, , .			1
260	The NP-completeness column: An ongoing guide. Journal of Algorithms, 1992, 13, 502-52	24.	0.9	51
261	A survey of space complexity. Theoretical Computer Science, 1992, 101, 99-132.		0.5	18
262	Some remarks on two-dimensional finite automata. Information Sciences, 1992, 63, 183	-189.	4.0	4
263	Expected parallel time and sequential space complexity of graph and digraph problems. A 1992, 7, 597-630.	Algorithmica,	1.0	8
264	Universal traversal sequences for expander graphs. Information Processing Letters, 1993	, 46, 67-69.	0.4	22
265	Finite-model theory - a personal perspective. Theoretical Computer Science, 1993, 116, 3	-31.	0.5	87
266	Recursively indefinite databases. Theoretical Computer Science, 1993, 116, 151-194.		0.5	12
267	Computing the throughput of a network with dedicated lines. Discrete Applied Mathema 271-278.	tics, 1993, 42,	0.5	5
268	Collapsing degrees via strong computation. Journal of Computer and System Sciences, 1	993, 46, 363-380.	0.9	5
269	Logical and schematic characterization of complexity classes. Acta Informatica, 1993, 30	, 61-87.	0.5	12
270	The relative power of logspace and polynomial time reductions. Computational Complexi 231-244.	ity, 1993, 3,	0.2	7

	CITATION R	EPORT	
#	Article	IF	CITATIONS
271	Matching and Vertex Packing: How "hard―are They?. Annals of Discrete Mathematics, 1993, 55, 275-312.	1.4	6
272	Tally Versions of the Savitch and Immerman–Szelepcsényi Theorems for Sublogarithmic Space. SIAM Journal on Computing, 1993, 22, 102-113.	0.8	25
273	Space bounds for graph connectivity problems on node-named JAGs and node-ordered JAGs. , 0, , .		9
274	Time-space trade-offs for undirected st-connectivity on a JAC. , 1993, , .		12
275	Time-space lower bounds for directed s-t connectivity on JAG models. , 0, , .		6
276	Universal Traversal Sequences. American Mathematical Monthly, 1994, 101, 262-265.	0.2	0
277	Logspace and logtime leaf languages. , 0, , .		19
278	Turing Award lecture on computational complexity and the nature of computer science. Communications of the ACM, 1994, 37, 37-43.	3.3	80
279	On the power of bounded concurrency I. Journal of the ACM, 1994, 41, 517-539.	1.8	79
280	The complexity of verification. , 1994, , .		9
281	Computability and complexity of ray tracing. Discrete and Computational Geometry, 1994, 11, 265-288.	0.4	31
282	Random walks on colored graphs. Random Structures and Algorithms, 1994, 5, 285-303.	0.6	5
283	RL \$\$ subseteq \$\$ SC. Computational Complexity, 1994, 4, 1-11.	0.2	47
284	Space-efficient recognition of sparse self-reducible languages. Computational Complexity, 1994, 4, 262-296.	0.2	12
285	The computational complexity of propositional STRIPS planning. Artificial Intelligence, 1994, 69, 165-204.	3.9	509
286	Census techniques collapse space classes. Information Processing Letters, 1994, 51, 79-84.	0.4	1
287	The complexity of connectivity problems on context-free graph languages. Journal of Computer and System Sciences, 1994, 49, 57-82.	0.9	0
288	Context-sensitive transitive closure operators. Annals of Pure and Applied Logic, 1994, 66, 277-301.	0.3	5

	CITATION RE	PORT	
#	Article	IF	CITATIONS
289	Rigid E/spl I.oarr/-unifiability is DEXPTIME-complete. , 0, , .		6
290	Decreasing the bandwidth of a transition matrix. Information Processing Letters, 1995, 53, 315-320.	0.4	3
291	A remark on middle space bounded alternating Turing machines. Information Processing Letters, 1995, 56, 229-232.	0.4	6
292	Separating complexity classes related to bounded alternating ?-branching programs. Mathematical Systems Theory, 1995, 28, 21-39.	0.5	0
293	Reversible simulation of space-bounded computations. Theoretical Computer Science, 1995, 143, 159-165.	0.5	14
294	ON THE SATISFIABILITY PROBLEM FOR LAMPORT'S PROPOSITIONAL TEMPORAL LOGIC OF ACTIONS AND SOME OF ITS EXTENSIONS. Fundamenta Informaticae, 1995, 24, 387-405.	0.3	3
295	RSPACE(S)⊆DSPACE(S/sup 3/2/)., 0,,.		4
296	A nearly optimal time-space lower bound for directed st-connectivity on the NNJAG model. , 1995, , .		7
297	On computational complexity and the nature of computer science. ACM Computing Surveys, 1995, 27, 7-16.	16.1	25
298	On the complexity of modular model checking. , 0, , .		18
299	Introduction to the Theory of Complexity Journal of the Operational Research Society, 1995, 46, 1507.	2.1	47
300	Bounded self-stabilizing Petri nets. Acta Informatica, 1995, 32, 189-207.	0.5	3
301	Lower bounds for the majority communication complexity of various graph accessibility problems. Mathematical Systems Theory, 1996, 29, 649-659.	0.5	0
302	Logspace and Logtime Leaf Languages. Information and Computation, 1996, 129, 21-33.	0.5	17
303	Time-Space Tradeoffs for Undirected Graph Traversal by Graph Automata. Information and Computation, 1996, 130, 101-129.	0.5	8
304	Interval logics and their decision procedures. Theoretical Computer Science, 1996, 166, 1-47.	0.5	22
305	The complexity of searching implicit graphs. Artificial Intelligence, 1996, 86, 171-188.	3.9	15
306	Randomness is Linear in Space. Journal of Computer and System Sciences, 1996, 52, 43-52.	0.9	444

#	ARTICLE Undirecteds-t connectivity in polynomial time and sublinear space. Computational Complexity, 1996, 6,	IF	CITATIONS
307	1-28.	0.2	6
308	Randomization and derandomization in space-bounded computation. , 0, , .		27
309	SL ⊆L4/3. , 1997, , .		15
310	Making games short (extended abstract). , 1997, , .		33
311	The computational complexity of knot and link problems. , 0, , .		1
312	Verification of message sequence charts via template matching. Lecture Notes in Computer Science, 1997, , 652-666.	1.0	12
313	Handbook of Formal Languages. , 1997, , .		110
314	Nondeterministic polynomial time versus nondeterministic logarithmic space: time-space tradeoffs for satisfiability. , 0, , .		17
315	Aspects of Classical Language Theory. , 1997, , 175-251.		32
316	Fixpoint logics, relational machines, and computational complexity. Journal of the ACM, 1997, 44, 30-56.	1.8	32
317	Multihead two-way probabilistic finite automata. Theory of Computing Systems, 1997, 30, 91-109.	0.7	8
318	Knowledge-based programs. Distributed Computing, 1997, 10, 199-225.	0.7	76
319	Bridging across the log(n) Space Frontier. Information and Computation, 1998, 142, 127-158.	0.5	16
320	A communication hierarchy of parallel computations. Theoretical Computer Science, 1998, 198, 99-130.	0.5	5
321	Voronoi-like nondeterministic partition of a lattice by collectives of finite automata. Mathematical and Computer Modelling, 1998, 28, 73-93.	2.0	9
322	A Sublinear Space, Polynomial Time Algorithm for Directed s-t Connectivity. SIAM Journal on Computing, 1998, 27, 1273-1282.	0.8	28
323	Space-Efficient Deterministic Simulation of Probabilistic Automata. SIAM Journal on Computing, 1998, 27, 448-465.	0.8	24
324	Sublogarithmic Bounds on Space and Reversals. SIAM Journal on Computing, 1998, 28, 325-340.	0.8	12

#	Article	IF	Citations
325	A Time-Space Tradeoff for Undirected Graph Traversal by Walking Automata. SIAM Journal on Computing, 1998, 28, 1051-1072.	0.8	8
326	TimeSpace Tradeoffs For Undirected st-Connectivity on a Graph Automata. SIAM Journal on Computing, 1998, 27, 1492-1513.	0.8	2
327	TimeSpace Lower Bounds for Directed st-Connectivity on Graph Automata Models. SIAM Journal on Computing, 1998, 27, 1190-1202.	0.8	3
328	The Second LBA Problem. , 1998, , 37-40.		0
329	The state explosion problem. Lecture Notes in Computer Science, 1998, , 429-528.	1.0	269
330	Introduction to the handbook of recursive mathematics. Studies in Logic and the Foundations of Mathematics, 1998, , vii-xlvi.	0.2	7
332	Chapter 19 Polynomial-time computability in analysis. Studies in Logic and the Foundations of Mathematics, 1998, 139, 1271-1317.	0.2	11
334	Computation Models and Function Algebras. Studies in Logic and the Foundations of Mathematics, 1999, , 589-681.	0.2	22
335	Rewriting of regular expressions and regular path queries. , 1999, , .		78
336	On recycling the randomness of states in space bounded computation. , 1999, , .		58
337	Augmenting branching temporal logics with existential quantification over atomic propositions. Journal of Logic and Computation, 1999, 9, 135-147.	0.5	14
338	COMPUTATIONAL COMPLEXITY OF TERM-EQUIVALENCE. International Journal of Algebra and Computation, 1999, 09, 113-128.	0.4	14
339	Strong bounds on the approximability of two Pspace-hard problems in propositional planning. Annals of Mathematics and Artificial Intelligence, 1999, 26, 133-147.	0.9	2
340	BPHSPACE(S)⊆DSPACE(S3/2). Journal of Computer and System Sciences, 1999, 58, 376-403.	0.9	53
341	A PSpace Algorithm for Graded Modal Logic. Lecture Notes in Computer Science, 1999, , 52-66.	1.0	8
342	Tight Lower Bounds for st-Connectivity on the NNJAG Model. SIAM Journal on Computing, 1999, 28, 2257-2284.	0.8	25
343	The computational complexity of knot and link problems. Journal of the ACM, 1999, 46, 185-211.	1.8	147
344	Time–Space Tradeoffs for Satisfiability. Journal of Computer and System Sciences, 2000, 60, 337-353.	0.9	41

#	Article	IF	Citations
345	A space lower bound for st-connectivity on node-named JAGs. Theoretical Computer Science, 2000, 237, 327-345.	0.5	1
346	A variant of inductive counting. Theoretical Computer Science, 2000, 237, 465-475.	0.5	1
347	Towards efficient universal planning: A randomized approach. Artificial Intelligence, 2000, 117, 1-29.	3.9	11
348	PREDICATE BOUNDEDNESS OF LINEAR MONADIC DATALOG IS IN PSPACE. International Journal of Foundations of Computer Science, 2000, 11, 591-612.	0.8	4
349	RIGID REACHABILITY, THE NON-SYMMETRIC FORM OF RIGID E-UNIFICATION. International Journal of Foundations of Computer Science, 2000, 11, 3-27.	0.8	7
350	Eavesdropping games. Journal of the ACM, 2000, 47, 225-243.	1.8	43
351	An automata-theoretic approach to modular model checking. ACM Transactions on Programming Languages and Systems, 2000, 22, 87-128.	1.7	37
352	An O (log(n) 4/3) space algorithm for (s, t) connectivity in undirected graphs. Journal of the ACM, 2000, 47, 294-311.	1.8	26
353	On the Structure of Logspace Probabilistic Complexity Classes. SIAM Journal on Computing, 2000, 29, 987-1007.	0.8	0
354	Complexity of Some Problems Concerning Varieties and Quasi-Varieties of Algebras. SIAM Journal on Computing, 2000, 30, 359-382.	0.8	25
355	STACS 2000. Lecture Notes in Computer Science, 2000, , .	1.0	1
356	Computational complexity of some problems involving congruences on algebras. , 0, , .		0
357	Approximate pattern matching is expressible in transitive closure logic. , 0, , .		2
358	An automata-theoretic approach to branching-time model checking. Journal of the ACM, 2000, 47, 312-360.	1.8	402
359	Theory of safe replacements for sequential circuits. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2001, 20, 249-265.	1.9	14
360	An Approach to the Obfuscation of Control-Flow of Sequential Computer Programs. Lecture Notes in Computer Science, 2001, , 144-155.	1.0	58
362	On the Power of Las Vegas for One-Way Communication Complexity, OBDDs, and Finite Automata. Information and Computation, 2001, 169, 284-296.	0.5	43
363	An Overview of Tableau Algorithms for Description Logics. Studia Logica, 2001, 69, 5-40.	0.4	253

	CHATION R	LPORT	
#	ARTICLE PSPACE Reasoning for Graded Modal Logics. Journal of Logic and Computation, 2001, 11, 85-106.	IF	Citations
364 365	Complexity and expressive power of logic programming. ACM Computing Surveys, 2001, 33, 374-425.	0.5	44
366	Software Reliability Methods. Texts in Computer Science, 2001, , .	0.5	133
368	PSpace Reasoning with the Description Logic ALCF(D). Logic Journal of the IGPL, 2002, 10, 535-568.	1.3	11
369	Advanced Tense Logic. , 2002, , 43-203.		3
370	On the computational complexity of the verification of modular discrete-event systems. , 0, , .		16
371	Is your model checker on time? On the complexity of model checking for timed modal logics. The Journal of Logic and Algebraic Programming, 2002, 52-53, 7-51.	1.4	28
372	Rewriting of Regular Expressions and Regular Path Queries. Journal of Computer and System Sciences, 2002, 64, 443-465.	0.9	69
373	Decision algorithms for multiplayer noncooperative games of incomplete information. Computers and Mathematics With Applications, 2002, 43, 179-206.	1.4	13
374	Computational complexity of some problems involving congruences on algebras. Theoretical Computer Science, 2002, 270, 591-608.	0.5	2
375	On the complexity of simulating space-bounded quantum computations. Computational Complexity, 2003, 12, 48-84.	0.2	29
376	The complexity of the temporal logic with "until―over general linear time. Journal of Computer and System Sciences, 2003, 66, 393-426.	0.9	35
377	Alternating and empty alternating auxiliary stack automata. Theoretical Computer Science, 2003, 299, 307-326.	0.5	3
378	Space hierarchy theorem revised. Theoretical Computer Science, 2003, 295, 171-187.	0.5	12
379	Approximate pattern matching and transitive closure logics. Theoretical Computer Science, 2003, 299, 387-412.	0.5	3
380	Model checking mobile ambients. Theoretical Computer Science, 2003, 308, 277-331.	0.5	33
381	Mathematical modal logic: A view of its evolution. Journal of Applied Logic, 2003, 1, 309-392.	1.1	84
382	Deciding co-observability is pspace-complete. IEEE Transactions on Automatic Control, 2003, 48, 1995-1999.	3.6	13

ARTICLE IF CITATIONS 2dof controller parametrization for systems with a single i/o delay. IEEE Transactions on Automatic 383 3.6 21 Control, 2003, 48, 1999-2004. On the computational complexity of decidable fragments of first-order linear temporal logics., 0, , . 384 385 The Computational Complexity of Motion Planning. SIAM Review, 2003, 45, 543-557. 4.2 9 Collectives of automata in labyrinths. Discrete Mathematics and Applications, 2003, 13, . 386 0.1 Ab initio reconstruction of metabolic pathways. Bioinformatics, 2003, 19, ii26-ii34. 387 1.8 23 Reasoning on regular path queries. SIGMOD Record, 2003, 32, 83-92. 0.7 390 The complexity of planarity testing. Information and Computation, 2004, 189, 117-134. 0.5 28 On the computational complexity of membrane systems. Theoretical Computer Science, 2004, 320, 14 89-109. 392 On breakable cyclic definitions., 0,,. 4 On Context-Sensitive Grammars. Studies in Fuzziness and Soft Computing, 2004, , 139-161. Logical Characterizations of PSPACE. Lecture Notes in Computer Science, 2004, , 370-384. 394 1.0 1 Complexity: What, Why, and How. Mathematics in Science and Engineering, 2005, , 63-93. 0.1 On determinism versus nondeterminism in P systems. Theoretical Computer Science, 2005, 344, 120-133. 397 0.5 10 PSPACE-completeness of sliding-block puzzles and other problems through the nondeterministic 398 183 constraint logic model of computation. Theoretical Computer Science, 2005, 343, 72-96. On composition and lookahead delegation of <mml:math altimg="si1.gif" overflow="scrol 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" 399 0.5 6 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.el. Theoretical The size-change principle and dependency pairs for termination of term rewriting. Applicable Algebra in Engineering, Communications and Computing, 2005, 16, 229-270. A survey of recent advances in SAT-based formal verification. International Journal on Software 401 1.7 192 Tools for Technology Transfer, 2005, 7, 156-173. Progress in Computational Complexity Theory. Journal of Computer Science and Technology, 2005, 20, 402 735-750.

#	Article	IF	CITATIONS
403	PSPACE-completeness of Modular Supervisory Control Problems*. Discrete Event Dynamic Systems: Theory and Applications, 2005, 15, 145-167.	0.6	15
404	Deciding Global Partial-Order Properties. Formal Methods in System Design, 2005, 26, 7-25.	0.9	3
405	Complexity Theory. Oberwolfach Reports, 2006, 2, 1431-1504.	0.0	0
406	Beyond NP. , 2005, , .		3
407	An O(log n log log n) space algorithm for undirected st-connectivity. , 2005, , .		8
408	The Complexity of Finding Paths in Graphs with Bounded Independence Number. SIAM Journal on Computing, 2005, 34, 1176-1195.	0.8	7
409	Model-Checking Hierarchical Structures. , 0, , .		2
410	A Recursive Greedy Algorithm for Walks in Directed Graphs. , 0, , .		136
411	Model-Based Testing of Reactive Systems. Lecture Notes in Computer Science, 2005, , .	1.0	249
412	Undirected ST-connectivity in log-space. , 2005, , .		163
416	Retiming and Resynthesis: A Complexity Perspective. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2006, 25, 2674-2686.	1.9	30
417	Inductive Time-Space Lower Bounds for Sat and Related Problems. Computational Complexity, 2006, 15, 433-470.	0.2	10
418	Complexity of Regular Language Matching and Other Decidable Cases of the Satisfiability Problem for Constraints Between Regular Open Terms. Theory of Computing Systems, 2006, 39, 137-163.	0.7	7
419	Time-Space Tradeoff in Derandomizing Probabilistic Logspace. Theory of Computing Systems, 2006, 39, 189-208.	0.7	6
420	Pseudorandom walks on regular digraphs and the RL vs. L problem. , 2006, , .		63
421	Mathematical modal logic: A view of its evolution. Handbook of the History of Logic, 2006, 7, 1-98.	0.5	34
423	COMPUTATIONALLY AND ALGEBRAICALLY COMPLEX FINITE ALGEBRA MEMBERSHIP PROBLEMS. International Journal of Algebra and Computation, 2007, 17, 1635-1666.	0.4	5
424	4 Computational modal logic. Studies in Logic and Practical Reasoning, 2007, 3, 181-245.	1.4	34

#	Article	IF	CITATIONS
425	17 Automata-theoretic techniques for temporal reasoning. Studies in Logic and Practical Reasoning, 2007, 3, 971-989.	1.4	11
426	Dynamic logics of the region-based theory of discrete spaces. Journal of Applied Non-Classical Logics, 2007, 17, 39-61.	0.4	8
428	Complexity of finite-variable fragments M of EXPTIME-complete logics. Journal of Applied Non-Classical Logics, 2007, 17, 359-382.	0.4	11
429	Compressing BMC Encodings with QBF. Electronic Notes in Theoretical Computer Science, 2007, 174, 45-56.	0.9	39
430	The computational complexity of scenario-based agent verification and design. Journal of Applied Logic, 2007, 5, 252-276.	1.1	13
431	Logspace Optimization Problems and Their Approximability Properties. Theory of Computing Systems, 2007, 41, 327-350.	0.7	9
432	Polynomial-Space Decidable Membership Problems for Recurrent Systems over Sets of Natural Numbers. Theory of Computing Systems, 2007, 41, 257-289.	0.7	0
433	The Complexity of Tensor Circuit Evaluation. Computational Complexity, 2007, 16, 60-111.	0.2	6
434	The complexity of deciding reachability properties of distributed negotiation schemes. Theoretical Computer Science, 2008, 396, 113-144.	0.5	6
435	Reversal complexity revisited. Theoretical Computer Science, 2008, 401, 191-205.	0.5	9
436	Incremental Branching Programs. Theory of Computing Systems, 2008, 43, 159-184.	0.7	5
437	Soft Linear Logic and Polynomial Complexity Classes. Electronic Notes in Theoretical Computer Science, 2008, 205, 67-87.	0.9	9
438	Automata can show PSpace results for description logics. Information and Computation, 2008, 206, 1045-1056.	0.5	17
440	An \$O(logn loglogn)\$ Space Algorithm for Undirected st-Connectivity. SIAM Journal on Computing, 2008, 38, 449-483.	0.8	4
441	A topological perspective on diagnosis. , 2008, , .		2
442	Constraint Logic: A Uniform Framework for Modeling Computation as Games. , 2008, , .		13
443	Reachability Games and Game Semantics: Comparing Nondeterministic Programs. Proceedings - Symposium on Logic in Computer Science, 2008, , .	0.0	5
444	TESTING THE DESCRIPTIONAL POWER OF SMALL TURING MACHINES ON NONREGULAR LANGUAGE ACCEPTANCE. International Journal of Foundations of Computer Science, 2008, 19, 827-843.	0.8	21

#	Article	IF	CITATIONS
445	A logical account of pspace. ACM SIGPLAN Notices, 2008, 43, 121-131.	0.2	4
446	Undirected connectivity in log-space. Journal of the ACM, 2008, 55, 1-24.	1.8	311
447	A logical account of pspace. , 2008, , .		20
448	Complexity of intuitionistic propositional logic and its fragments. Journal of Applied Non-Classical Logics, 2008, 18, 267-292.	0.4	15
449	Computing with cells: membrane systems – some complexity issues. International Journal of Parallel, Emergent and Distributed Systems, 2008, 23, 347-365.	0.7	0
450	Applying practice to theory. ACM SIGACT News, 2008, 39, 37-52.	0.1	4
451	Algorithms and Complexity Results for Input and Unit Resolution. Journal of Satisfiability, Boolean Modeling and Computation, 2009, 6, 141-164.	1.2	3
453	Sup-interpretations, a semantic method for static analysis of program resources. ACM Transactions on Computational Logic, 2009, 10, 1-31.	0.7	12
454	Detecting palindromes, patterns and borders in regular languages. Information and Computation, 2009, 207, 1096-1118.	0.5	15
455	A Rice-style theorem for parallel automata. Information and Computation, 2009, 207, 1-13.	0.5	0
456	Finding Paths between graph colourings: PSPACE-completeness and superpolynomial distances. Theoretical Computer Science, 2009, 410, 5215-5226.	0.5	118
457	Prognosis of ï‰-Languages for the Diagnosis of *-Languages: A Topological Perspective. Discrete Event Dynamic Systems: Theory and Applications, 2009, 19, 451-470.	0.6	0
458	Parallel Time and Quantifier Prefixes. Computational Complexity, 2009, 18, 527-550.	0.2	0
459	State complexity of unique rational operations. Theoretical Computer Science, 2009, 410, 2431-2441.	0.5	4
460	Efficient model checking for LTL with partial order snapshots. Theoretical Computer Science, 2009, 410, 4180-4189.	0.5	0
461	On the computational complexity of the languages of general symbolic dynamical systems and beta-shifts. Theoretical Computer Science, 2009, 410, 4878-4891.	0.5	1
462	Graph Reachability and Pebble Automata over Infinite Alphabets. , 2009, , .		7
463	Playing games with algorithms: Algorithmic combinatorial game theory. , 2009, , 3-56.		18

#	Article	IF	CITATIONS
465	Computational Complexity in Natural Language. , 2010, , 43-73.		4
467	Space Hierarchy Results for Randomized and other Semantic Models. Computational Complexity, 2010, 19, 423-475.	0.2	4
468	Time and Space Complexity for Splicing Systems. Theory of Computing Systems, 2010, 47, 301-316.	0.7	2
469	On regular temporal logics with past. Acta Informatica, 2010, 47, 251-277.	0.5	9
470	Evaluation of permanents in rings and semirings. Information Processing Letters, 2010, 110, 867-870.	0.4	10
471	On the complexity of deciding avoidability of sets of partial words. Theoretical Computer Science, 2010, 411, 4263-4271.	0.5	6
472	The complexity of temporal logic over the reals. Annals of Pure and Applied Logic, 2010, 161, 1063-1096.	0.3	38
473	Hardware Equivalence and Property Verification. , 0, , 599-674.		0
475	A Space–Time Tradeoff for Permutation Problems. , 2010, , .		8
476	One Pebble Versus Ϊμ · log n Bits. Fundamenta Informaticae, 2010, 104, 55-69.	0.3	0
477	A Modal Logic of Epistemic Games. Games, 2010, 1, 478-526.	0.4	19
478	Pseudorandom Generators for Regular Branching Programs. , 2010, , .		24
479	Safeness for Object Nets. Fundamenta Informaticae, 2010, 101, 29-43.	0.3	11
480	FDNC. ACM Transactions on Computational Logic, 2010, 11, 1-50.	0.7	25
482	Symmetry Coincides with Nondeterminism for Time-Bounded Auxiliary Pushdown Automata. , 2010, , .		0
483	Pseudorandomness for Permutation and Regular Branching Programs. , 2011, , .		23
484	Computability and Complexity Theory. Texts in Computer Science, 2011, , .	0.5	23
485	Liveness of Safe Object Nets. Fundamenta Informaticae, 2011, 112, 73-87.	0.3	10

#	ARTICLE	IF	CITATIONS
486	Random Walks and Rapid Mixing. , 2011, , 563-650.		1
487	On Restricted Bio-Turing Machines. Fundamenta Informaticae, 2011, 110, 309-320.	0.3	0
488	On the computational complexity of behavioral description-based web service composition. Theoretical Computer Science, 2011, 412, 6736-6749.	0.5	9
489	A note on algebras of languages. Theoretical Computer Science, 2011, 412, 6531-6536.	0.5	4
490	Two-way unary automata versus logarithmic space. Information and Computation, 2011, 209, 1016-1025.	0.5	20
491	Collaborative Planning with Confidentiality. Journal of Automated Reasoning, 2011, 46, 389-421.	1.1	17
492	An improved time-space lower bound for tautologies. Journal of Combinatorial Optimization, 2011, 22, 325-338.	0.8	4
493	The Depth of Resolution Proofs. Studia Logica, 2011, 99, 349-364.	0.4	42
494	Recurrence and transience for finite probabilistic tables. Theoretical Computer Science, 2011, 412, 1154-1168.	0.5	1
495	Treewidth governs the complexity of target set selection. Discrete Optimization, 2011, 8, 87-96.	0.6	96
496	On the complexity of reconfiguration problems. Theoretical Computer Science, 2011, 412, 1054-1065.	0.5	182
497	Quasi-interpretations a way to control resources. Theoretical Computer Science, 2011, 412, 2776-2796.	0.5	40
498	Pseudorandom generators for group products. , 2011, , .		21
499	New Models for Population Protocols. Synthesis Lectures on Distributed Computing Theory, 2011, 2, 1-156.	0.1	25
500	An Implicit Characterization of PSPACE. ACM Transactions on Computational Logic, 2012, 13, 1-36.	0.7	7
501	Decidable Elementary Modal Logics. , 2012, , .		3
502	Unambiguous Functions in Logarithmic Space. Fundamenta Informaticae, 2012, 114, 129-147.	0.3	1
503	Rolling Block Mazes are PSPACE-complete. Journal of Information Processing, 2012, 20, 719-722.	0.3	9

#	Article	IF	CITATIONS
504	Space-Efficient Algorithms for Reachability in Surface-Embedded Graphs. , 2012, , .		2
505	P-Âand T-Systems in the Nets-within-Nets-Formalism. Lecture Notes in Computer Science, 2012, , 368-387.	1.0	1
506	Non-deterministic cellular automata and languages. International Journal of General Systems, 2012, 41, 555-568.	1.2	7
507	Reconfiguration of list edge-colorings in a graph. Discrete Applied Mathematics, 2012, 160, 2199-2207.	0.5	47
508	Terminating Population Protocols via Some Minimal Global Knowledge Assumptions. Lecture Notes in Computer Science, 2012, , 77-89.	1.0	5
509	Pseudorandomness. Foundations and Trends in Theoretical Computer Science, 2012, 7, 1-336.	2.0	160
510	Communicative commitments: Model checking and complexity analysis. Knowledge-Based Systems, 2012, 35, 21-34.	4.0	34
511	On the Complexity of Linear Authorization Logics. , 2012, , .		8
512	Algorithms and complexity for periodic real-time scheduling. ACM Transactions on Algorithms, 2012, 9, 1-19.	0.9	5
513	Complexity Issues in Computational Biology. Fundamenta Informaticae, 2012, 118, 385-401.	0.3	5
514	Two-Way Automata Making Choices Only at the Endmarkers. Lecture Notes in Computer Science, 2012, , 264-276.	1.0	5
515	Non-determinism in Gödel's System T. Theory of Computing Systems, 2012, 51, 85-105.	0.7	1
516	Feasibility Analysis of Sporadic Real-Time Multiprocessor Task Systems. Algorithmica, 2012, 63, 763-780.	1.0	25
517	Complexity of independent set reconfigurability problems. Theoretical Computer Science, 2012, 439, 9-15.	0.5	104
518	Model-checking hierarchical structures. Journal of Computer and System Sciences, 2012, 78, 461-490.	0.9	7
519	On the Contribution of Backward Jumps to Instruction Sequence Expressiveness. Theory of Computing Systems, 2012, 50, 706-720.	0.7	0
520	Reducing model checking commitments for agent communication to model checking ARCTL and GCTL*. Autonomous Agents and Multi-Agent Systems, 2013, 27, 375-418.	1.3	35
521	Just a Pebble Game. , 2013, , .		16

	CHATION R	LPORT	
#	Article	IF	CITATIONS
522	On selective unboundedness of VASS. Journal of Computer and System Sciences, 2013, 79, 689-713.	0.9	9
523	The complexity of rerouting shortest paths. Theoretical Computer Science, 2013, 510, 1-12.	0.5	35
524	Graph Reachability and Pebble Automata over Infinite Alphabets. ACM Transactions on Computational Logic, 2013, 14, 1-31.	0.7	3
525	Space-bounded communication complexity. , 2013, , .		4
526	On optimum left-to-right strategies for active context-free games. , 2013, , .		2
527	Complexities of Horn Description Logics. ACM Transactions on Computational Logic, 2013, 14, 1-36.	0.7	27
528	Reachability analysis for role-based administration of attributes. , 2013, , .		10
529	Two-Way Finite Automata: Old and Recent Results. Fundamenta Informaticae, 2013, 126, 225-246.	0.3	14
530	Analysis of Recursively Parallel Programs. ACM Transactions on Programming Languages and Systems, 2013, 35, 1-49.	1.7	15
531	Integer Parameter Synthesis for Timed Automata. Lecture Notes in Computer Science, 2013, , 401-415.	1.0	23
532	Agents that look at one another. Logic Journal of the IGPL, 2013, 21, 438-467.	1.3	12
533	On the Complexity of Package Recommendation Problems. SIAM Journal on Computing, 2013, 42, 1940-1986.	0.8	13
534	UNARY CODED NP-COMPLETE LANGUAGES IN ASPACE(log log n). International Journal of Foundations of Computer Science, 2013, 24, 1167-1182.	0.8	7
535	The complexity of change. , 2013, , 127-160.		57
537	On Computable Numbers, with an Application to the Entscheidungsproblem $\hat{a} \in `` A$ Correction. , 2013, , 13-115.		1
538	Faster Walks in Graphs: A $ ilde{A}$ •(n2) Time-Space Trade-off for Undirected s-t Connectivity. , 2013, , .		2
540	Turing and the development of computational complexity. , 0, , 299-328.		1
541	On the complexity of existence of homing sequences for nondeterministic finite state machines. Programming and Computer Software, 2014, 40, 333-336.	0.5	8

#	Article	IF	CITATIONS
542	Alternating-time temporal dynamic epistemic logic. Journal of Logic and Computation, 2014, 24, 1145-1178.	0.5	5
543	Pseudorandom Generators for Regular Branching Programs. SIAM Journal on Computing, 2014, 43, 973-986.	0.8	14
544	Computational Complexity. Handbook of the History of Logic, 2014, 9, 495-521.	0.5	0
545	DYNAMIC POINT LABELING IS STRONGLY PSPACE-COMPLETE. International Journal of Computational Geometry and Applications, 2014, 24, 373-395.	0.3	5
546	Edit distance for timed automata. , 2014, , .		8
547	Interaction between Record Matching and Data Repairing. Journal of Data and Information Quality, 2014, 4, 1-38.	1.5	27
548	Formulas vs. circuits for small distance connectivity. , 2014, , .		5
549	No proof nets for MLL with units. , 2014, , .		11
550	Improved witnessing and local improvement principles for second-order bounded arithmetic. ACM Transactions on Computational Logic, 2014, 15, 1-35.	0.7	39
551	The analysis and research on computational complexity. , 2014, , .		5
552	Two-way automata making choices only at the endmarkers. Information and Computation, 2014, 239, 71-86.	0.5	5
553	To satisfy impatient Web surfers is hard. Theoretical Computer Science, 2014, 526, 1-17.	0.5	13
554	Approximability of the subset sum reconfiguration problem. Journal of Combinatorial Optimization, 2014, 28, 639-654.	0.8	15
555	Two-Way Automata Versus Logarithmic Space. Theory of Computing Systems, 2014, 55, 421-447.	0.7	18
556	Computational Complexity of Certain Problems Related to Carefully Synchronizing Words for Partial Automata and Directing Words for Nondeterministic Automata. Theory of Computing Systems, 2014, 54, 293-304.	0.7	22
557	A survey on algorithmic approaches for solving tourist trip design problems. Journal of Heuristics, 2014, 20, 291-328.	1.1	230
559	Classifying Problems into Complexity Classes. Advances in Computers, 2014, , 239-292.	1.2	5
560	Perspectives in Computational Complexity. , 2014, , .		3

#	Article	IF	CITATIONS
561	Bounded memory Dolev–Yao adversaries in collaborative systems. Information and Computation, 2014, 238, 233-261.	0.5	19
562	Computable and computational complexity theoretic bases for Herbert Simon's cognitive behavioral economics. Cognitive Systems Research, 2014, 29-30, 40-52.	1.9	6
563	Extending inclusion dependencies with conditions. Theoretical Computer Science, 2014, 515, 64-95.	0.5	32
564	A framework for linear authorization logics. Theoretical Computer Science, 2014, 536, 21-41.	0.5	5
565	A decidable timeout-based extension of linear temporal logic. Journal of Applied Non-Classical Logics, 2014, 24, 262-291.	0.4	0
566	Space-Bounded Church-Turing Thesis and Computational Tractability of Closed Systems. Physical Review Letters, 2015, 115, 098701.	2.9	7
567	Investigations on Automata and Languages Over a Unary Alphabet. International Journal of Foundations of Computer Science, 2015, 26, 827-850.	0.8	4
571	Integer Parameter Synthesis for Real-Time Systems. IEEE Transactions on Software Engineering, 2015, 41, 445-461.	4.3	60
572	Beyond the Central Limit theorem: Asymptotic Expansions and Pseudorandomness for Combinatorial Sums. , 2015, , .		4
573	Petri Automata for Kleene Allegories. , 2015, , .		6
573 574	Petri Automata for Kleene Allegories. , 2015, , . Incomplete Distinguishing Sequences for Finite State Machines. Computer Journal, 2015, 58, 3089-3113.	1.5	6 14
		1.5 0.7	
574	Incomplete Distinguishing Sequences for Finite State Machines. Computer Journal, 2015, 58, 3089-3113. Two-Way Automata Characterizations of L/poly Versus NL. Theory of Computing Systems, 2015, 56,		14
574 575	Incomplete Distinguishing Sequences for Finite State Machines. Computer Journal, 2015, 58, 3089-3113. Two-Way Automata Characterizations of L/poly Versus NL. Theory of Computing Systems, 2015, 56, 662-685. Complexities of Some Problems Related to Synchronizing, Non-Synchronizing and Monotonic	0.7	14 14
574 575 576	Incomplete Distinguishing Sequences for Finite State Machines. Computer Journal, 2015, 58, 3089-3113. Two-Way Automata Characterizations of L/poly Versus NL. Theory of Computing Systems, 2015, 56, 662-685. Complexities of Some Problems Related to Synchronizing, Non-Synchronizing and Monotonic Automata. International Journal of Foundations of Computer Science, 2015, 26, 99-121. Terminating population protocols via some minimal global knowledge assumptions. Journal of	0.7 0.8	14 14 11
574 575 576 577	Incomplete Distinguishing Sequences for Finite State Machines. Computer Journal, 2015, 58, 3089-3113. Two-Way Automata Characterizations of L/poly Versus NL. Theory of Computing Systems, 2015, 56, 662-685. Complexities of Some Problems Related to Synchronizing, Non-Synchronizing and Monotonic Automata. International Journal of Foundations of Computer Science, 2015, 26, 99-121. Terminating population protocols via some minimal global knowledge assumptions. Journal of Parallel and Distributed Computing, 2015, 81-82, 1-10.	0.7 0.8 2.7	14 14 11 14
574 575 576 577 578	Incomplete Distinguishing Sequences for Finite State Machines. Computer Journal, 2015, 58, 3089-3113. Two-Way Automata Characterizations of L/poly Versus NL. Theory of Computing Systems, 2015, 56, 662-685. Complexities of Some Problems Related to Synchronizing, Non-Synchronizing and Monotonic Automata. International Journal of Foundations of Computer Science, 2015, 26, 99-121. Terminating population protocols via some minimal global knowledge assumptions. Journal of Parallel and Distributed Computing, 2015, 81-82, 1-10. Separation logics and modalities: a survey. Journal of Applied Non-Classical Logics, 2015, 25, 50-99.	0.7 0.8 2.7	14 14 11 14 13

#	Article	IF	CITATIONS
583	\$\$Pmathop{ =}limits^{?}NP\$\$.,2016,,1-122.		5
584	Quantum alternation. Lobachevskii Journal of Mathematics, 2016, 37, 637-649.	0.1	0
585	Near-optimal small-depth lower bounds for small distance connectivity. , 2016, , .		4
586	Simulating branching programs with edit distance and friends: or: a polylog shaved is a lower bound made. , 2016, , .		43
587	Refining complexity analyses in planning by exploiting the exponential time hypothesis. Annals of Mathematics and Artificial Intelligence, 2016, 78, 157-175.	0.9	2
588	The subpower membership problem for semigroups. International Journal of Algebra and Computation, 2016, 26, 1435-1451.	0.4	7
589	Decidability and Complexity for Quiescent Consistency. , 2016, , .		4
590	Model Checking for the Full Hybrid Computation Tree Logic. , 2016, , .		2
591	Temporal logics on strings with prefix relation. Journal of Logic and Computation, 2016, 26, 989-1017.	0.5	2
592	Generalized Pete's Pike is PSPACE-complete. Theoretical Computer Science, 2016, 613, 115-125.	0.5	1
593	Timed Multiset Rewriting and the Verification of Time-Sensitive Distributed Systems. Lecture Notes in Computer Science, 2016, , 228-244.	1.0	7
594	A generalization of Spira's theorem and circuits with small segregators or separators. Information and Computation, 2016, 251, 252-262.	0.5	1
595	Efficient algorithms for membership in boolean hierarchies of regular languages. Theoretical Computer Science, 2016, 646, 86-108.	0.5	5
596	A Theory of Regular Queries. , 2016, , .		8
597	Verifying Chemical Reaction Network Implementations: A Bisimulation Approach. Lecture Notes in Computer Science, 2016, , 114-134.	1.0	3
598	DNA Computing and Molecular Programming. Lecture Notes in Computer Science, 2016, , .	1.0	1
600	Memory-Constrained Algorithms. , 2016, , 1260-1264.		0
601	Deciding Unifiability and Computing Local Unifiers in the Description Logic EL without Top Constructor. Notre Dame Journal of Formal Logic, 2016, 57, .	0.2	1

	CITATION	n Report	
#	Article	IF	CITATIONS
602	Space-Efficient Approximations for Subset Sum. ACM Transactions on Computation Theory, 2016, 8, 1-28.	0.4	2
603	Pull and PushPull are PSPACE-complete. Theoretical Computer Science, 2016, 628, 50-61.	0.5	4
604	Distinguishing Sequences for Distributed Testing: Adaptive Distinguishing Sequences. Computer Journal, 2016, 59, 1186-1206.	1.5	2
605	Complexity of Fixed-Size Bit-Vector Logics. Theory of Computing Systems, 2016, 59, 323-376.	0.7	19
606	The complexity of intersecting finite automata having few final states. Computational Complexity, 2016, 25, 775-814.	0.2	4
607	Regular languages viewed from a graph-theoretic perspective. Information and Computation, 2017, 253, 484-496.	0.5	0
608	CNF and DNF succinct graph encodings. Information and Computation, 2017, 253, 436-447.	0.5	5
609	Push-Pull Block Puzzles are Hard. Lecture Notes in Computer Science, 2017, , 177-195.	1.0	1
610	Complexity Barriers as Independence. Theory and Applications of Computability, 2017, , 143-168.	0.8	0
611	Unary Coded PSPACE-Complete Languages in ASPACE(loglog n). Lecture Notes in Computer Science, 2017, , 141-153.	1.0	1
614	Distinguishing Sequences for Distributed Testing: Preset Distinguishing Sequences. Computer Journal, 2017, 60, 110-125.	1.5	2
615	Initial-state detectability of stochastic discrete-event systems with probabilistic sensor failures. Automatica, 2017, 80, 127-134.	3.0	36
616	Alternating space is closed under complement and other simulations for sublogarithmic space. Information and Computation, 2017, 253, 163-178.	0.5	5
617	Inclusion dependencies and their interaction with functional dependencies in SQL. Journal of Computer and System Sciences, 2017, 85, 104-131.	0.9	12
618	Bounds on Monotone Switching Networks for Directed Connectivity. Journal of the ACM, 2017, 64, 1-48.	1.8	2
619	Decidability of order-based modal logics. Journal of Computer and System Sciences, 2017, 88, 53-74.	0.9	14
620	Verification complexity of a class of observational properties for modular discrete events systems. Automatica, 2017, 83, 199-205.	3.0	23
621	On the complexity of the word problem for automaton semigroups and automaton groups. Advances in Applied Mathematics, 2017, 90, 160-187.	0.4	8

ARTICLE IF CITATIONS # On relationships between complexity classes of Turing machines. Computational Mathematics and 622 0.2 0 Mathematical Physics, 2017, 57, 726-738. Verified Software. Theories, Tools, and Experiments. Lecture Notes in Computer Science, 2017, , . 1.0 624 Partial derivatives on graphs for Kleene allegories., 2017, , . 2 Primitive Sets of Nonnegative Matrices and Synchronizing Automata. SIAM Journal on Matrix Analysis and Applications, 2018, 39, 83-98. Separability by piecewise testable languages is PTime -complete. Theoretical Computer Science, 2018, 711, 626 0.5 1 109-114. Reconfiguration in bounded bandwidth and tree-depth. Journal of Computer and System Sciences, 2018, 93, 1-10. 628 Complexity of Token Swapping and Its Variants. Algorithmica, 2018, 80, 2656-2682. 1.0 13 On the descriptional complexity of stateless deterministic ordered restarting automata. Information and Computation, 2018, 259, 277-302. An <i>O</i> (<i>>n</i> ^µ) Space and Polynomial Time Algorithm for Reachability in Directed 631 0.4 1 Layered Planar Graphs. ACM Transactions on Computation Theory, 2017, 9, 1-11. Diagnosability of repairable faults. Discrete Event Dynamic Systems: Theory and Applications, 2018, 28, 183-213. Computing observers from observation policies in discrete-event systems. Discrete Event Dynamic 633 0 0.6 Systems: Theory and Applications, 2018, 28, 509-537. Concurrent Secrets with Quantified Suspicion., 2018,,. 634 Computational complexity of atomic chemical reaction networks. Natural Computing, 2018, 17, 677-691. 635 1.8 3 Formulas versus Circuits for Small Distance Connectivity. SIAM Journal on Computing, 2018, 47, 0.8 1986-2028. Timed Automata with Parametric Updates., 2018,,. 637 2 Hitting sets with near-optimal error for read-once branching programs. , 2018, , . Simple Optimal Hitting Sets for Small-Success RL., 2018, , . 639 1 On Space Efficiency of Algorithms Working on Structural Decompositions of Graphs. ACM 640 Transactions on Computation Theory, 2017, 9, 1-36.

ARTICLE IF CITATIONS # LARS: A Logic-based framework for Analytic Reasoning over Streams. Artificial Intelligence, 2018, 261, 641 3.9 47 16-70. Subexponentials in non-commutative linear logic. Mathematical Structures in Computer Science, 2019, 642 24 29, 1217-1249. Verifying chemical reaction network implementations: A bisimulation approach. Theoretical Computer 643 0.5 14 Science, 2019, 765, 3-46. Computational Complexity Theory and the Philosophy of Mathematicsâ€. Philosophia Mathematica, 2019, 644 0.1 27, 381-439. Efficient verification of concurrent systems using local-analysis-based approximations and SAT 646 1.4 2 solving. Formal Aspects of Computing, 2019, 31, 375-409. Deciding the Non-emptiness of Attack Trees. Lecture Notes in Computer Science, 2019, , 13-30. 1.0 Supportive Oracles for Parameterized Polynomial-Time Sub-Linear-Space Computations in Relation to L, 648 1.0 2 NL, and P. Lecture Notes in Computer Science, 2019, , 659-673. Model checking and synthesis for branching multi-weighted logics. Journal of Logical and Algebraic 649 0.4 Methods in Programming, 2019, 105, 28-46. 651 Concepts and Problems., 2019, , 11-38. 0 Examples of Upper Bounds and p-Simulations., 2019, , 211-232. Beyond EF via the || ... || Translation., 2019, , 233-260. 653 0 R and R-Like Proof Systems., 2019,, 263-295. 654 Optimality., 2019,, 456-471. 655 0 Frege Systems., 2019,, 39-63. Sequent Calculus. , 2019, , 64-80. 660 0 Quantified Propositional Calculus., 2019, , 81-92. 663 Algebraic and Geometric Proof Systems., 2019, , 115-133. 0 664 Further Proof Systems., 2019, , 134-162.

	CITATION	Report	
#	Article	IF	CITATIONS
665	Basic Example of the Correspondence between Theories and Proof Systems. , 2019, , 165-184.		0
666	The Two Worlds of Bounded Arithmetic. , 2019, , 185-196.		0
667	Up to EF via the ã€^〉 Translation. , 2019, , 197-210.		0
668	LKd+1/2 and Combinatorial Restrictions. , 2019, , 296-305.		0
669	Fd and Logical Restrictions. , 2019, , 306-336.		0
670	Algebraic and Geometric Proof Systems. , 2019, , 337-352.		0
671	Feasible Interpolation: A Framework. , 2019, , 353-383.		0
672	Feasible Interpolation: Applications. , 2019, , 384-410.		0
673	Hard Tautologies. , 2019, , 413-441.		0
674	Model Theory and Lower Bounds. , 2019, , 442-455.		0
675	The Nature of Proof Complexity. , 2019, , 472-480.		0
676	Graphical Models for Security. Lecture Notes in Computer Science, 2019, , .	1.0	0
677	On the transformation capability of feasible mechanisms for programmable matter. Journal of Computer and System Sciences, 2019, 102, 18-39.	0.9	25
678	An Introduction to the Planning Domain Definition Language. Synthesis Lectures on Artificial Intelligence and Machine Learning, 2019, 13, 1-187.	0.6	35
679	Fine-grained Complexity Meets IP = PSPACE. , 2019, , 1-20.		8
680	Querying Attributed DL-Lite Ontologies Using Provenance Semirings. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 2719-2726.	3.6	3
681	Derandomizing Isolation in Space-Bounded Settings. SIAM Journal on Computing, 2019, 48, 979-1021.	0.8	1
682	A Unified Framework for Planning in Adversarial and Cooperative Environments. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 2479-2487.	3.6	26

#	Article	IF	CITATIONS
683	The Complexity of Induced Tree Reconfiguration Problems. IEICE Transactions on Information and Systems, 2019, E102.D, 464-469.	0.4	1
684	Space-Efficient Biconnected Components and Recognition of Outerplanar Graphs. Algorithmica, 2019, 81, 1180-1204.	1.0	3
685	Unary Coded PSPACE-Complete Languages in ASPACE(loglog n). Theory of Computing Systems, 2019, 63, 688-714.	0.7	2
686	Proof Compression and NP Versus PSPACE. Studia Logica, 2019, 107, 53-83.	0.4	3
687	Space-Efficient Algorithms for Longest Increasing Subsequence. Theory of Computing Systems, 2020, 64, 522-541.	0.7	1
688	Critical Observability for Automata and PetriÂNets. IEEE Transactions on Automatic Control, 2020, 65, 341-346.	3.6	7
689	Model checking for hybrid branching-time logics. Journal of Logical and Algebraic Methods in Programming, 2020, 110, 100427.	0.4	3
690	Reconfiguration of satisfying assignments and subset sums: Easy to find, hard to connect. Theoretical Computer Science, 2020, 806, 332-343.	0.5	2
691	Space-Efficient DFS and Applications to Connectivity Problems: Simpler, Leaner, Faster. Algorithmica, 2020, 82, 1033-1056.	1.0	8
692	Integrally Closed Residuated Lattices. Studia Logica, 2020, 108, 1063-1086.	0.4	1
693	Diameter of colorings under Kempe changes. Theoretical Computer Science, 2020, 838, 45-57.	0.5	3
694	Simple Optimal Hitting Sets for Small-Success RL. SIAM Journal on Computing, 2020, 49, 811-820.	0.8	3
695	Knowledge-based programs as succinct policies for partially observable domains. Artificial Intelligence, 2020, 288, 103365.	3.9	5
696	Pseudorandom Pseudo-distributions with Near-Optimal Error for Read-Once Branching Programs. SIAM Journal on Computing, 2020, 49, STOC18-242-STOC18-299.	0.8	4
697	What's decidable about weighted automata?. Information and Computation, 2020, 282, 104651.	0.5	10
699	DEL-based epistemic planning: Decidability and complexity. Artificial Intelligence, 2020, 287, 103304.	3.9	14
700	Complexity of planning for connected agents. Autonomous Agents and Multi-Agent Systems, 2020, 34, 1.	1.3	3
701	Determinizing monitors for HML with recursion. Journal of Logical and Algebraic Methods in Programming, 2020, 111, 100515.	0.4	7

#	Article	IF	CITATIONS
702	\$mathcal k\$-branching uio sequences for partially specified observable non-deterministic fsms. IEEE Transactions on Software Engineering, 2021, 47, 1029-1040.	4.3	8
703	Restricted Chase Termination for Existential Rules: A Hierarchical Approach and Experimentation. Theory and Practice of Logic Programming, 2021, 21, 4-50.	1.1	0
704	A formal methods approach to predicting new features of the eukaryotic vesicle traffic system. Acta Informatica, 2021, 58, 57-93.	0.5	2
705	Runtime Monitors for Markov Decision Processes. Lecture Notes in Computer Science, 2021, , 553-576.	1.0	8
706	On the Computational Complexity of Reaction Systems, Revisited. Lecture Notes in Computer Science, 2021, , 170-185.	1.0	1
707	Approximation in (Poly-) Logarithmic Space. Algorithmica, 2021, 83, 2303-2331.	1.0	1
708	Longest common subsequence in sublinear space. Information Processing Letters, 2021, 168, 106084.	0.4	5
709	The Effects of Adding Reachability Predicates in Quantifier-Free Separation Logic. ACM Transactions on Computational Logic, 2021, 22, 1-56.	0.7	1
710	Regular matching and inclusion on compressed tree patterns with constrained context variables. Information and Computation, 2021, , 104776.	0.5	1
711	Constrained synchronization and commutativity. Theoretical Computer Science, 2021, 890, 147-170.	0.5	8
712	Multi-Agent Belief Base Revision. , 2021, , .		0
713	Temporal Logic of Minkowski Spacetime. Outstanding Contributions To Logic, 2022, , 389-409.	0.2	0
714	Tableau Algorithms for Description Logics. Lecture Notes in Computer Science, 2000, , 1-18.	1.0	33
715	Resolve and Expand. Lecture Notes in Computer Science, 2005, , 59-70.	1.0	143
716	Derandomized Squaring of Graphs. Lecture Notes in Computer Science, 2005, , 436-447.	1.0	52
718	Incremental Branching Programs. Lecture Notes in Computer Science, 2006, , 178-190.	1.0	1
720	On the structure of complexity classes. Lecture Notes in Computer Science, 1974, , 437-445.	1.0	2
721	About the deterministic simulation of nondeterministic (log n)-tape bounded turing machines. Lecture Notes in Computer Science, 1975, , 118-126.	1.0	7

#	Article	IF	CITATIONS
722	Time and tape bounded auxiliary pushdown automata. Lecture Notes in Computer Science, 1977, , 493-503.	1.0	13
724	Symmertric space-bounded computation (extended abstract). Lecture Notes in Computer Science, 1980, , 374-384.	1.0	9
725	On the LBA problem. Lecture Notes in Computer Science, 1981, , 265-280.	1.0	4
726	Two pebbles don't suffice. Lecture Notes in Computer Science, 1981, , 578-589.	1.0	3
727	Communicating finite state machines with priority channels. Lecture Notes in Computer Science, 1984, , 209-221.	1.0	1
728	Parallel computation and the NC hierarchy relativized. Lecture Notes in Computer Science, 1986, , 362-382.	1.0	6
729	Relativized alternation. Lecture Notes in Computer Science, 1986, , 66-76.	1.0	7
730	Recent results on the complexity of problems related to Petri nets. Lecture Notes in Computer Science, 1987, , 45-72.	1.0	6
731	The logarithmic alternation hierarchy collapses: \$\$ASigma _2^mathcal{L} = APi _2^mathcal{L}\$\$. Lecture Notes in Computer Science, 1987, , 531-541.	1.0	26
733	New developments in structural complexity theory. Lecture Notes in Computer Science, 1988, , 271-286.	1.0	5
734	The Complexity of Model Checking Mobile Ambients. Lecture Notes in Computer Science, 2001, , 152-167.	1.0	16
735	Theory and Practice of Time-Space Trade-Offs in Memory Limited Search. Lecture Notes in Computer Science, 2001, , 169-184.	1.0	4
737	Computational Complexity of Propositional Linear Temporal Logics Based on Qualitative Spatial or Temporal Reasoning. Lecture Notes in Computer Science, 2002, , 162-176.	1.0	16
738	The Complexity of Planarity Testing. Lecture Notes in Computer Science, 2000, , 87-98.	1.0	8
740	Space bounded computations : Review and new separation results. Lecture Notes in Computer Science, 1989, , 49-66.	1.0	4
741	Finite-model theory—a personal perspective. Lecture Notes in Computer Science, 1990, , 1-24.	1.0	9
742	Collapsing degrees via strong computation. Lecture Notes in Computer Science, 1991, , 393-404.	1.0	6
743	Upper and lower bounds for certain GRAPH-ACCESSIBILITY-PROBLEMs on bounded alternating ï‰-BRANCHING PROGRAMs. Lecture Notes in Computer Science, 1991, , 337-345.	1.0	4

	C	CITATION REPORT	
#	Article	IF	CITATIONS
744	The complexity of graph connectivity. Lecture Notes in Computer Science, 1992, , 112-132.	1.0	30
745	An automata-theoretic decision procedure for Future Interval Logic. Lecture Notes in Computer Science, 1992, , 51-67.	1.0	10
746	The complexity of N-body simulation. Lecture Notes in Computer Science, 1993, , 162-176.	1.0	9
747	A taxonomy of forgetting automata. Lecture Notes in Computer Science, 1993, , 527-536.	1.0	12
748	Lower bounds for the modular communication complexity of various graph accessibility problems. Lecture Notes in Computer Science, 1995, , 427-435.	1.0	2
749	Augmenting branching temporal logics with existential quantification over atomic propositions. Lecture Notes in Computer Science, 1995, , 325-338.	1.0	13
750	On the complexity of branching modular model checking. Lecture Notes in Computer Science, 1995 408-422.	,, 1.0	22
751	An automata-theoretic approach to linear temporal logic. Lecture Notes in Computer Science, 1996, 238-266.	, , 1.0	320
752	On the complexity of the linear-time μ-calculus for Petri Nets. Lecture Notes in Computer Science, , 102-116.	1997, 1.0	25
754	A Formal Proof of Borodin-Trakhtenbrot's Gap Theorem. Lecture Notes in Computer Science, 20 163-177.	13, , 1.0	2
755	Algebraic Complexity Classes. , 2014, , 51-75.		6
758	Complexity of One-Way Cellular Automata. Lecture Notes in Computer Science, 2015, , 3-18.	1.0	4
759	On Some Decision Problems for Stateless Deterministic Ordered Restarting Automata. Lecture Note in Computer Science, 2015, , 165-176.	rs 1.0	9
760	Reconfiguration of Steiner Trees in an Unweighted Graph. Lecture Notes in Computer Science, 2016 163-175.	,, 1.0	3
762	Parameterized Graph Connectivity and Polynomial-Time Sub-Linear-Space Short Reductions. Lecture Notes in Computer Science, 2017, , 176-191.	1.0	5
765	Automata vs Linear-Programming Discounted-Sum Inclusion. Lecture Notes in Computer Science, 20 99-116.	018, , 1.0	4
766	Two-Way Automata and One-Tape Machines. Lecture Notes in Computer Science, 2018, , 366-378.	1.0	3
768	Regular Language Matching and Other Decidable Cases of the Satisfiability Problem for Constraints between Regular Open Terms. Lecture Notes in Computer Science, 2004, , 596-607.	1.0	17

		CITATION REPORT		
#	Article		IF	CITATIONS
769	Verifying ï‰-Regular Properties of Markov Chains. Lecture Notes in Computer Science	2, 2004, , 189-201.	1.0	13
770	Composability of Infinite-State Activity Automata. Lecture Notes in Computer Science	, 2004, , 377-388.	1.0	12
771	Discriminative Model Checking. Lecture Notes in Computer Science, 2008, , 504-516.		1.0	12
772	Open Implication. Lecture Notes in Computer Science, 2008, , 361-372.		1.0	12
773	Model Checking Knowledge and Linear Time: PSPACE Cases. Lecture Notes in Comput 195-211.	er Science, 2007, ,	1.0	5
774	Linear Time Logics Around PSL: Complexity, Expressiveness, and a Little Bit of Succinct Notes in Computer Science, 2007, , 90-104.	ness. Lecture	1.0	13
775	Finding Paths Between Graph Colourings: PSPACE-Completeness and Superpolynomia Lecture Notes in Computer Science, 2007, , 738-749.	l Distances.	1.0	4
776	Solutions to Real-World Instances of PSPACE-Complete Stacking. Lecture Notes in Col 2007, , 729-740.	mputer Science,	1.0	28
777	Complexity of Planning in Action Formalisms Based on Description Logics. , 2007, , 40	8-422.		5
778	Some Results on the Expressive Power and Complexity of LSCs. , 2008, , 351-366.			13
779	Everything Is PSPACE-Complete in Interaction Systems. Lecture Notes in Computer Sc 216-227.	ience, 2008, ,	1.0	10
780	Finite Automata, Palindromes, Powers, and Patterns. Lecture Notes in Computer Scien	ce, 2008, , 52-63.	1.0	3
781	Matching Trace Patterns with Regular Policies. Lecture Notes in Computer Science, 20	09, , 105-116.	1.0	1
782	Reconfiguration of List Edge-Colorings in a Graph. Lecture Notes in Computer Science	, 2009, , 375-386.	1.0	10
783	Feasibility Analysis of Sporadic Real-Time Multiprocessor Task Systems. Lecture Notes Science, 2010, , 230-241.	in Computer	1.0	5
784	Extended Computation Tree Logic. Lecture Notes in Computer Science, 2010, , 67-81.		1.0	10
785	Two-Way Automata versus Logarithmic Space. Lecture Notes in Computer Science, 20)11, , 359-372.	1.0	10
786	Unification in the Description Logic \$mathcal{EL}\$ without the Top Concept. Lecture Computer Science, 2011, , 70-84.	Notes in	1.0	3

#	Article	IF	CITATIONS
787	The Computational Complexity of Estimating MCMC Convergence Time. Lecture Notes in Computer Science, 2011, , 424-435.	1.0	9
788	A Generalization of Spira's Theorem and Circuits with Small Segregators or Separators. Lecture Notes in Computer Science, 2012, , 264-276.	1.0	2
789	On the Complexity of Rolling Block and Alice Mazes. Lecture Notes in Computer Science, 2012, , 210-222.	1.0	5
790	The Complexity of Intersecting Finite Automata Having Few Final States. Lecture Notes in Computer Science, 2012, , 31-42.	1.0	2
791	Minicomplexity. Lecture Notes in Computer Science, 2012, , 20-42.	1.0	8
793	Type-Based Complexity Analysis for Fork Processes. Lecture Notes in Computer Science, 2013, , 305-320.	1.0	8
794	Quantum Alternation. Lecture Notes in Computer Science, 2013, , 334-346.	1.0	5
796	An \$\$O(n^{epsilon })\$\$ Space and Polynomial Time Algorithm for Reachability in Directed Layered Planar Graphs. Lecture Notes in Computer Science, 2015, , 614-624.	1.0	1
797	It's about time: Real-time logics reviewed. Lecture Notes in Computer Science, 1998, , 439-454.	1.0	56
798	Multihead Two-Way Probabilistic Finite Automata. Theory of Computing Systems, 1997, 30, 91-109.	0.7	1
800	THE INTERFACE BETWEEN LANGUAGE THEORY AND COMPLEXITY THEORY11Preparation of this paper was supported in part by the National Science Foundation under Grant No. MCS79-04012 , 1980, , 287-323.		8
803	On resetting DLBA's. ACM SIGACT News, 1991, 22, 62-63.	0.1	2
804	Distributed XML design. , 2009, , .		11
805	String solving with word equations and transducers: towards a logic for analysing mutation XSS. , 2016, , .		34
806	String solving with word equations and transducers: towards a logic for analysing mutation XSS. ACM SIGPLAN Notices, 2016, 51, 123-136.	0.2	10
807	Computational requirements for nano-machines. , 2017, , .		5
808	Computational Geometry Column 67. ACM SIGACT News, 2018, 49, 77-94.	0.1	7
809	Reconfiguration of Steiner Trees in an Unweighted Graph. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2017, E100.A, 1532-1540.	0.2	4

#	Article	IF	CITATIONS
810	The Complexity of (List) Edge-Coloring Reconfiguration Problem. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2018, E101.A, 232-238.	0.2	1
811	Reasoning About the Transfer of Control. Journal of Artificial Intelligence Research, 0, 37, 437-477.	7.0	10
812	Time and Space Bounds for Planning. Journal of Artificial Intelligence Research, 0, 60, 595-638.	7.0	3
813	Reasoning about data repetitions with counter systems. Logical Methods in Computer Science, 2016, 12,	0.4	12
814	The complexity of linear-time temporal logic over the class of ordinals. Logical Methods in Computer Science, 2010, 6, .	0.4	3
816	Two-Way Finite Automata: Old and Recent Results. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 90, 3-20.	0.8	1
818	Sublinear-Space Approximation Algorithms for Max r-SAT. Lecture Notes in Computer Science, 2021, , 124-136.	1.0	0
819	Multi-agent Conformant Planning withÂDistributed Knowledge. Lecture Notes in Computer Science, 2021, , 128-140.	1.0	2
820	A Space Lower Bound for Acceptance by One-Way Î2-Alternating Machines. RAIRO - Theoretical Informatics and Applications, 2000, 34, 357-372.	0.5	0
822	Atomic Set Constraints with Projection. Lecture Notes in Computer Science, 2002, , 311-325.	1.0	1
823	On Expressive Description Logics with Composition of Roles in Number Restrictions. Lecture Notes in Computer Science, 2002, , 202-215.	1.0	2
824	Emptiness Relations in Property Systems. Lecture Notes in Computer Science, 2002, , 15-34.	1.0	2
825	Introduction to the Complexity of Parallel Algorithms. Applied Optimization, 2002, , 3-25.	0.4	0
826	Games with a Uniqueness Property. Lecture Notes in Computer Science, 2002, , 396-407.	1.0	1
827	Mathematik und Informatik. , 2003, , 1-161.		0
828	Randomized Time-Space Tradeoffs for Directed Graph Connectivity. Lecture Notes in Computer Science, 2003, , 208-216.	1.0	2
830	A Logspace Approximation Scheme for the Shortest Path Problem for Graphs with Bounded Independence Number. Lecture Notes in Computer Science, 2004, , 326-337.	1.0	0
831	Computational Complexity. Studies in Fuzziness and Soft Computing, 2004, , 227-247.	0.6	0

		CITATION REPO	DRT	
#	Article	I	IF	Citations
832	Monotone AC-Tree Automata. Lecture Notes in Computer Science, 2005, , 337-351.	:	1.0	3
834	Some Computational Issues in Membrane Computing. Lecture Notes in Computer Science, 2	2005,,39-51.	1.0	0
835	On Some Transformation Invariants Under Retiming and Resynthesis. Lecture Notes in Com Science, 2005, , 413-428.	outer	1.0	1
837	P Systems: Some Recent Results and Research Problems. Lecture Notes in Computer Science 225-237.	2, 2005, ,	1.0	0
838	On Bounded Symport/Antiport P Systems. Lecture Notes in Computer Science, 2006, , 129-	143.	1.0	3
840	Some Recent Results Concerning Deterministic P Systems. Lecture Notes in Computer Scier 49-54.	ce, 2006, ,	1.0	2
841	On the Complexity of Reconfiguration Problems. Lecture Notes in Computer Science, 2008,	, 28-39.	1.0	4
842	On Nonuniversal Symport/Antiport P Systems. Natural Computing Series, 2009, , 229-272.		2.2	0
844	On the Complexity of Deciding Avoidability of Sets of Partial Words. Lecture Notes in Comp Science, 2009, , 113-124.	ıter .	1.0	4
845	An Improved Time-Space Lower Bound for Tautologies. Lecture Notes in Computer Science, 429-438.	2009,,	1.0	1
848	Playing Savitch and Cooking Games. Lecture Notes in Computer Science, 2010, , 10-21.	:	1.0	0
849	Komplexitästheorie. EXamen Press, 2010, , 105-143.		0.0	0
850	Two-Way Unary Automata versus Logarithmic Space. Lecture Notes in Computer Science, 20)10, , 197-208.	1.0	2
852	Opacity Issues in Games with Imperfect Information. Electronic Proceedings in Theoretical C Science, EPTCS, 0, 54, 87-101.	omputer	0.8	2
853	When Formulas Freeze: Phase Transitions in Computation. , 2011, , 723-818.			0
854	The Grand Unified Theory of Computation. , 2011, , 223-299.			0
855	Interaction and Pseudorandomness. , 2011, , 506-562.			0
856	Memory, Paths, and Games. , 2011, , 300-350.			Ο

#	Article	IF	CITATIONS
857	The Deep Question: P vs. NP. , 2011, , 173-222.		0
859	Needles in a Haystack: the Class NP. , 2011, , 94-126.		0
860	Counting, Sampling, and Statistical Physics. , 2011, , 651-722.		0
861	Insights and Algorithms. , 2011, , 41-93.		0
863	Optimization and Approximation. , 2011, , 351-449.		0
864	Quantum Computation. , 2011, , 819-910.		0
865	Randomized Algorithms. , 2011, , 450-505.		0
866	Who is the Hardest One of All? NP-Completeness. , 2011, , 127-172.		0
867	Unary Coded NP-Complete Languages in ASPACE (log log n). Lecture Notes in Computer Science, 2012, , 166-177.	1.0	1
869	Grid Graphs with Diagonal Edges and the Complexity of Xmas Mazes. Lecture Notes in Computer Science, 2012, , 223-234.	1.0	7
870	Turing Machine-Inspired Computer Science Results. Lecture Notes in Computer Science, 2012, , 276-282.	1.0	0
871	Turing Machines for Dummies. Lecture Notes in Computer Science, 2012, , 14-30.	1.0	1
872	The Complexity of Unary Subset Sum. Lecture Notes in Computer Science, 2012, , 458-469.	1.0	1
873	The Complexity of Bounded Synthesis for Timed Control with Partial Observability. Lecture Notes in Computer Science, 2012, , 204-219.	1.0	0
874	Revealing vs. Concealing: More Simulation Games for Büchi Inclusion. Lecture Notes in Computer Science, 2013, , 347-358.	1.0	5
875	Grenzen des Formalisierens. , 2013, , 173-221.		0
876	Random Walks on Some Basic Classes of Digraphs. Lecture Notes in Computer Science, 2013, , 122-140.	1.0	0
877	Computing with and without Arbitrary Large Numbers. Lecture Notes in Computer Science, 2013, , 181-192.	1.0	1

#	Article	IF	CITATIONS
878	Investigations on Automata and Languages over a Unary Alphabet. Lecture Notes in Computer Science, 2014, , 42-57.	1.0	0
879	Space Complexity of the Directed Reachability Problem over Surface-Embedded Graphs. , 2014, , 37-49.		1
880	On Two Algorithmic Problems about Synchronizing Automata. Lecture Notes in Computer Science, 2014, , 61-67.	1.0	11
881	Syntactical characterization of nondeterministic logspace complexity class. Proceedings of the Institute for System Programming of RAS, 2014, 26, 275-296.	0.1	0
882	On the complexity of (restricted) AlCIr. Publications De L'Institut Mathematique, 2014, 95, 133-147.	0.3	0
883	Theory of computing in computer science education. , 1971, , .		0
884	Time and space bounded complexity classes and bandwidth constrained problems. Lecture Notes in Computer Science, 1981, , 78-93.	1.0	2
885	The complexity of path problems in graphs and path systems of bounded bandwidth. Lecture Notes in Computer Science, 1981, , 293-305.	1.0	2
886	Projection Complete Graph Problems Corresponding to a Branching-Program-Based Characterization of the Complexity Classes NC 1 ,Land NL. , 1987, , 283-292.		0
887	Oracle branching programs and Logspace versus P. Lecture Notes in Computer Science, 1989, , 370-379.	1.0	2
888	Recursively indefinite databases. Lecture Notes in Computer Science, 1990, , 364-378.	1.0	2
889	Some Descriptive-Set-Theoretical Problems in Complexity Theory. Publications of the Research Institute for Mathematical Sciences, 1992, 28, 603-614.	0.4	1
890	Some Observations about Relativization of Space Bounded Computations. , 1993, , 423-434.		4
891	Complete Problems. , 1994, , 91-124.		0
892	My favorite ten complexity theorems of the past decade. Lecture Notes in Computer Science, 1994, , 256-275.	1.0	0
894	Bridging across the log(n) space frontier. Lecture Notes in Computer Science, 1995, , 50-65.	1.0	5
895	A Simple Decision Method for the Linear Time Mu-calculus. Workshops in Computing, 1995, , 190-204.	0.4	7
896	Mathematik und Informatik. , 1995, , 1-161.		Ο

#	ARTICLE The complexity of searching succinctly represented graphs. Lecture Notes in Computer Science, 1995, ,	IF	CITATIONS
898 899	208-219. Lower bounds for the majority communication complexity of various graph accessibility problems.	1.0	1
899	Lecture Notes in Computer Science, 1995, , 299-308.	1.0	1
901	On the structure of log-space probabilistic complexity classes. Lecture Notes in Computer Science, 1995, , 583-596.	1.0	3
903	SIGACT News Complexity Theory Column 10. ACM SIGACT News, 1995, 26, 2-12.	0.1	3
905	Fundamentals of computing (a cheatlist). ACM SIGACT News, 1996, 27, 89.	0.1	0
906	Complexity: A Language-Theoretic Point of View. , 1997, , 1-60.		0
907	Reducibility and Completeness. Chapman & Hall/CRC Applied Algorithms and Data Structures Series, 1998, , .	0.1	1
910	The NC Hierarchy. Texts in Theoretical Computer Science, 1999, , 107-171.	0.5	2
911	Computational Complexity of Cellular Automata: An Overview. , 1999, , 181-197.		4
912	Formal Models and Computability. , 2014, , 1-38.		0
913	Complexity Theory. , 2014, , 1-34.		0
914	Buffered Simulation Games for Büchi Automata. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 151, 286-300.	0.8	3
915	Complexity of Uniform Membership of Context-Free Tree Grammars. Lecture Notes in Computer Science, 2015, , 176-188.	1.0	0
917	Simultaneous Time-Space Upper Bounds for Red-Blue Path Problem in Planar DAGs. Lecture Notes in Computer Science, 2015, , 258-269.	1.0	1
918	PSPACE-Completeness of Bloxorz and of Games with 2-Buttons. Lecture Notes in Computer Science, 2015, , 403-415.	1.0	5
919	Memory-Constrained Algorithms. , 2015, , 1-7.		0
920	Formalizing Termination Proofs under Polynomial Quasi-interpretations. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 191, 33-47.	0.8	0
921	On the Decidability of Elementary Modal Logics. ACM Transactions on Computational Logic, 2015, 17, 1-47.	0.7	1

#	Article	IF	Citations
922	Case Study of Nonsymmetric Ternary Quadratic Operads. , 2016, , 325-352.		0
923	Linear Algebra over Polynomial Rings. , 2016, , 271-298.		Ο
924	The Complexity of (List) Edge-Coloring Reconfiguration Problem. Lecture Notes in Computer Science, 2017, , 347-358.	1.0	1
925	Hardness of Deriving Invertible Sequences from Finite State Machines. Lecture Notes in Computer Science, 2017, , 147-160.	1.0	3
926	Space-Efficient Fragments of Higher-Order Fixpoint Logic. Lecture Notes in Computer Science, 2017, , 26-41.	1.0	3
927	On the Coalgebraic Theory of Kleene Algebra with Tests. Outstanding Contributions To Logic, 2017, , 279-298.	0.2	9
928	More on Minimizing Finite Automata with Errors — Nondeterministic Machines. International Journal of Foundations of Computer Science, 2017, 28, 229-245.	0.8	0
929	Tight space-noise tradeoffs in computing the ergodic measure. Sbornik Mathematics, 2017, 208, 1758-1783.	0.2	1
930	Computational Complexity of Atomic Chemical Reaction Networks. Lecture Notes in Computer Science, 2018, , 212-226.	1.0	1
931	Reasoning About Reversal-Bounded Counter Machines. Outstanding Contributions To Logic, 2018, , 441-479.	0.2	0
932	Ground State Connectivity of Local Hamiltonians. ACM Transactions on Computation Theory, 2018, 10, 1-28.	0.4	5
933	Computational Complexity. , 2018, , 575-600.		3
934	Some Estimated Likelihoods for Computational Complexity. Lecture Notes in Computer Science, 2019, , 9-26.	1.0	3
935	On the Termination Problem for Counter Machines with Incrementing Errors. Lecture Notes in Computer Science, 2019, , 137-148.	1.0	0
936	Diameter of Colorings Under Kempe Changes. Lecture Notes in Computer Science, 2019, , 52-64.	1.0	2
937	Bisimilarity of Diagrams. Lecture Notes in Computer Science, 2020, , 65-81.	1.0	1
938	The Bernays-Schönfinkel-Ramsey Class of Separation Logic with Uninterpreted Predicates. ACM Transactions on Computational Logic, 2020, 21, 1-46.	0.7	3
939	Cons-free Programs and Complexity Classes between LOGSPACE and PTIME. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 320, 65-79.	0.8	1

#	Article	IF	CITATIONS
940	<pre>\$\$oldsymbol{mathcal{ALCQPI}}_{oldsymbol{R}^{mathbf{+}}}\$: Rational Grading in an Expressive Description Logic with Inverse and Transitive Roles and Counting. Lobachevskii Journal of Mathematics, 2020, 41, 1726-1746.</pre>	0.1	0
942	Pseudorandom number generation and space complexity. Lecture Notes in Computer Science, 1983, , 171-176.	1.0	0
943	On four logics of programs and complexity of their satisfiability problems : Extended abstract. Lecture Notes in Computer Science, 1983, , 98-107.	1.0	0
944	On the Model Checking Problem for Some Extension of CTL*. Modelirovanie I Analiz Informacionnyh Sistem, 2020, 27, 428-441.	0.1	1
945	Hard problems that quickly become very easy. Information Processing Letters, 2022, 174, 106213.	0.4	2
946	PSPACE-completeness of Pulling Blocks to Reach a Goal. Journal of Information Processing, 2020, 28, 929-941.	0.3	0
947	Parameterized verification under TSO is PSPACE-complete. , 2020, 4, 1-29.		8
948	ĐŸĐ¾Đ²ĐµĐƊµĐ½Đ,е ĐºĐ¾Đ½ĐµÑ‡Đ½Ñ‹Ñ Đ°Đ²Ñ,Đ¾Đ¼ĐºÑ,Đ¾Đ² Đ² лабĐ,Ñ€Đ,Đ½Ñ,аÑ	Chedayoshev	vskioSbornik, i
949	What is Spatial Complexity?. , 2020, , 3-18.		1
950	The Bounded and Precise Word Problems for Presentations of Groups. Memoirs of the American Mathematical Society, 2020, 264, 0-0.	0.5	0
951	Foundations of Complexity Theory. , 2005, , 53-125.		0
952	Other Public-Key Cryptosystems and Protocols. , 2005, , 361-412.		0
954	A Note on the Fast Computation of Transitive Closure of Graphs and the Multiplication of Integer Matrices. Moscow University Mathematics Bulletin, 2020, 75, 239-245.	0.3	0
955	Forensic Analysis in Access Control. , 2020, , .		1
956	Quasi-Polynomial Algorithms for Submodular Tree Orienteering and Directed Network Design Problems. Mathematics of Operations Research, 0, , .	0.8	1
957	Reachability in parallel programs is polynomial in the number of threads. Journal of Parallel and Distributed Computing, 2022, 162, 1-16.	2.7	1
958	Turing Machines and Computability. Texts in Computer Science, 2021, , 163-205.	0.5	0
959	Derandomization beyond Connectivity: Undirected Laplacian Systems in Nearly Logarithmic Space. SIAM Journal on Computing, 2021, 50, 1892-1922.	0.8	1

ARTICLE IF CITATIONS # Reachability Analysis for Attributes in ABAC With Group Hierarchy. IEEE Transactions on Dependable 960 3.7 7 and Secure Computing, 2023, 20, 841-858. Equivalence classes and conditional hardness in massively parallel computations. Distributed Computing, 2022, 35, 165-183. 962 Reconfiguration Problems on Submodular Functions., 2022,,. 0 On the Model Checking Problem for Some Extension of CTL*. Automatic Control and Computer 0.4 Sciences, 2021, 55, 776-785. On the Satisfiability and Model Checking for one Parameterized Extension of Linear-time Temporal 964 0.1 0 Logic. Modelirovanie I Analiz Informacionnyh Sistem, 2021, 28, 356-371. Complexity Classes in Optimization., 2001, , 278-284. 968 Turing award lecture: On computational complexity and the nature of computer science., 0, , 1993. 0 Complexity of LTL Model-Checking for Safe Object Nets., 0, , . 970 On expander graphs and connectivity in small space., 2007, , 1045-1069. 0 971 Bounded self-stabilizing Petri nets. Acta Informatica, 1995, 32, 189-207. Transformation-based model checking temporal trust in multi-agent systems. Journal of Systems and 973 3.3 6 Software, 2022, 192, 111383. Converting nondeterministic two-way automata into small deterministic linear-time machines. 974 0.5 Information and Computation, 2022, 289, 104938. Nondeterminism and Guarded Commands., 2022, , 169-204. 975 0 $\label{eq:multiagent} Multiagent \ Connected \ Path \ Planning: \ PSPACE-Completeness \ and \ How \ to \ Deal \ With \ It. \ Proceedings \ of the \ AAAI \ Conference \ on \ Artificial \ Intelligence, \ 2018, \ 32, \ .$ 3.6 Conversational recommendation: Theoretical model and complexity analysis. Information Sciences, 978 4.0 1 2022, 614, 325-347. 979 Fully Observable Nondeterministic HTN Planning -- Formalisation and Complexity Results. , 0, 31, 74-84. 980 KomplexitÃ**ë**stheorie. , 2022, , 287-370. 0 Time andÂGödel: Fuzzy Temporal Reasoning inÂPSPACE. Lecture Notes in Computer Science, 2022, , 18-35.

#	Article	IF	CITATIONS
982	Formal Methods forÂNFA Equivalence: QBFs, Witness Extraction, andÂEncoding Verification. Lecture Notes in Computer Science, 2022, , 241-255.	1.0	0
983	On theÂFormalization andÂComputational Complexity ofÂResilience Problems forÂCyber-Physical Systems. Lecture Notes in Computer Science, 2022, , 96-113.	1.0	2
984	Fractal Parallel Computing. , 2022, 2022, .		0
985	Coming Up With Good Excuses: What to do When no Plan Can be Found. , 0, 20, 81-88.		11
986	The Complexity of Verifying Boolean Programs as Differentially Private. , 2022, , .		1
987	Partially Grounded Planning as Quantified Boolean Formula. , 0, 23, 29-36.		9
988	Complexity of planning for connected agents in a partially known environment. Theoretical Computer Science, 2023, 941, 202-220.	0.5	1
989	Computational Complexity of the Word Problem in Modal and Heyting Algebras with a Small Number of Generators. Russian Mathematics, 2022, 66, 33-48.	0.1	0
990	Reconfiguring (non-spanning) arborescences. Theoretical Computer Science, 2022, , .	0.5	1
996	Ordering regular languages and automata: Complexity. Theoretical Computer Science, 2023, 949, 113709.	0.5	2
998	Satisfiability and Model Checking for One Parameterized Extension of Linear Temporal Logic. Automatic Control and Computer Sciences, 2022, 56, 649-660.	0.4	0
999	Complexity ofÂtheÂLambek Calculus andÂlts Extensions. Studies in Computational Intelligence, 2023, , 1-29.	0.7	0
1000	Finding Unchecked Low-Level Calls withÂZero False Positives andÂNegatives inÂEthereum Smart Contracts. Lecture Notes in Computer Science, 2023, , 305-321.	1.0	0
1001	On groups presented by inverse-closed finite confluent length-reducing rewriting systems. Journal of Algebra, 2023, 627, 106-131.	0.4	Ο
1002	Synchronizing words under LTL constraints. Information Processing Letters, 2023, 182, 106392.	0.4	0
1003	The 2CNF Boolean formula satisfiability problem and the linear space hypothesis. Journal of Computer and System Sciences, 2023, 136, 88-112.	0.9	0
1004	Parameterized Complexity ofÂOptimizing List Vertex-Coloring Through Reconfiguration. Lecture Notes in Computer Science, 2023, , 279-290.	1.0	0
1005	Optimal controller synthesis for timed systems. Logical Methods in Computer Science, 0, Volume 19, Issue 1, .	0.4	0

	CHATION	N REPORT		
#	Article	IF	CITATIONS	
1006	Complexity of multi-agent conformant planning with group knowledge. SynthÃ^se, 2023, 201, .	0.6	0	
1007	Approximating Iterated Multiplication of Stochastic Matrices in Small Space. , 2023, , .		2	
1008	Near-Optimal Derandomization of Medium-Width Branching Programs. , 2023, , .		1	
1010	On theÂSimon's Congruence Neighborhood ofÂLanguages. Lecture Notes in Computer Science, 2023, , 168-181.	1.0	0	
1012	Synchronization ofÂParikh Automata. Lecture Notes in Computer Science, 2023, , 113-127.	1.0	0	
1015	Computational Complexity ofÂReversible Reaction Systems. Lecture Notes in Computer Science, 2023, , 40-54.	1.0	1	
1016	Existential Calculi of Relations with Transitive Closure: Complexity and Edge Saturations. , 2023, , .		2	
1017	The Pumping Lemma forÂRegular Languages is Hard. Lecture Notes in Computer Science, 2023, , 128-140.	1.0	1	
1019	A Local-Time Semantics forÂNegotiations. Lecture Notes in Computer Science, 2023, , 105-121.	1.0	1	
1025	Introduction: Prerequisites. Intelligent Systems Reference Library, 2023, , 1-60.	1.0	0	
1030	Streaming andÂQuery OnceÂSpace Complexity ofÂLongest Increasing Subsequence. Lecture Notes in Computer Science, 2024, , 29-60.	1.0	0	
1031	Sensor Selection for Fine-Grained Behavior Verification that Respects Privacy. , 2023, , .		0	
1032	Sensor Selection for Fine-Grained Behavior Verification that Respects Privacy. , 2023, , .		0	
1034	The Shortest Path Reconfiguration Problem Based onÂRelaxation ofÂReconfiguration Rules. Lecture Notes in Computer Science, 2024, , 227-241.	1.0	0	