

CITATION REPORT

List of articles citing

Alternation

DOI: 10.1145/322234.322243
Journal of the ACM, 1981, 28, 114-133.

Source: <https://exaly.com/paper-pdf/15399908/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

| # | Paper | IF | Citations |
|------|--|-----|-----------|
| 1138 | Passes and paths of attribute grammars. 1981 , 49, 125-169 | | 13 |
| 1137 | Parallel random access machines with powerful instruction sets. 1981 , 15, 191-210 | | 6 |
| 1136 | On uniform circuit complexity. <i>Journal of Computer and System Sciences</i> , 1981 , 22, 365-383 | 1 | 307 |
| 1135 | Possible futures, acceptances, refusals, and communicating processes. 1981 , | | 23 |
| 1134 | Parity, circuits, and the polynomial-time hierarchy. 1981 , | | 82 |
| 1133 | Relationships between probabilistic and deterministic tape complexity. <i>Lecture Notes in Computer Science</i> , 1981 , 339-346 | 0.9 | 9 |
| 1132 | Results on the propositional Σ calculus. <i>Lecture Notes in Computer Science</i> , 1982 , 348-359 | 0.9 | 57 |
| 1131 | A complexity theory for unbounded fan-in parallelism. 1982 , | | 21 |
| 1130 | Deadlock avoidance revisited. <i>Journal of the ACM</i> , 1982 , 29, 1023-1048 | 2 | 29 |
| 1129 | A programming language for the inductive sets, and applications. <i>Lecture Notes in Computer Science</i> , 1982 , 313-329 | 0.9 | 4 |
| 1128 | An empirical comparison of backtracking algorithms. 1982 , 4, 309-16 | | 10 |
| 1127 | A note on alternating on-line Turing machines. 1982 , 15, 164-168 | | 9 |
| 1126 | On the computational complexity of satisfiability in propositional logics of programs. <i>Theoretical Computer Science</i> , 1982 , 21, 179-212 | 1.1 | 3 |
| 1125 | Circuit-size lower bounds and non-reducibility to sparse sets. 1982 , 55, 40-56 | | 103 |
| 1124 | Two-dimensional alternating turing machines with only universal states. 1982 , 55, 193-221 | | 27 |
| 1123 | Results on the propositional Σ calculus. <i>Theoretical Computer Science</i> , 1983 , 27, 333-354 | 1.1 | 1259 |
| 1122 | Turing machines with linear alternation, theories of bounded concatenation and the decision problem of first order theories. <i>Theoretical Computer Science</i> , 1983 , 23, 333-337 | 1.1 | 13 |

| | | | |
|------|--|-----|-----|
| 1121 | Bandwidth constraints on problems complete for polynomial time. <i>Theoretical Computer Science</i> , 1983 , 26, 25-52 | 1.1 | 12 |
| 1120 | Two-dimensional alternating turing machines. <i>Theoretical Computer Science</i> , 1983 , 27, 61-83 | 1.1 | 37 |
| 1119 | The NP-completeness column: An ongoing guide. 1983 , 4, 397-411 | | 14 |
| 1118 | The NP-completeness column: An ongoing guide. 1983 , 4, 189-203 | | 28 |
| 1117 | Complexity of the first-order theory of almost all finite structures. 1983 , 57, 180-204 | | 34 |
| 1116 | The classification of problems which have fast parallel algorithms. <i>Lecture Notes in Computer Science</i> , 1983 , 78-93 | 0.9 | 25 |
| 1115 | Cost Trade-offs in Graph Embeddings, with Applications. <i>Journal of the ACM</i> , 1983 , 30, 709-728 | 2 | 61 |
| 1114 | An Efficient General-Purpose Parallel Computer. <i>Journal of the ACM</i> , 1983 , 30, 360-387 | 2 | 27 |
| 1113 | Speedups of deterministic machines by synchronous parallel machines. 1983 , | | 10 |
| 1112 | On determinism versus non-determinism and related problems. 1983 , | | 45 |
| 1111 | Propositional game logic. 1983 , | | 25 |
| 1110 | Reasoning about infinite computation paths. 1983 , | | 148 |
| 1109 | Complexity classes of alternating machines with oracles. 1983 , 573-584 | | 15 |
| 1108 | Symmetric Complementation. <i>Journal of the ACM</i> , 1984 , 31, 401-421 | 2 | 38 |
| 1107 | Alternating Pushdown and Stack Automata. 1984 , 13, 135-155 | | 80 |
| 1106 | Alternation and the computational complexity of logic programs. 1984 , 1, 19-33 | | 41 |
| 1105 | Alternating finite automata on \mathbb{E} words. <i>Theoretical Computer Science</i> , 1984 , 32, 321-330 | 1.1 | 167 |
| 1104 | The complexity of the satisfiability problem for Krom formulas. <i>Theoretical Computer Science</i> , 1984 , 30, 319-341 | 1.1 | 4 |

| | | | |
|------|--|-----|-----|
| 1103 | Complete problems in the first-order predicate calculus. <i>Journal of Computer and System Sciences</i> , 1984 , 29, 8-35 | 1 | 32 |
| 1102 | Space-bounded hierarchies and probabilistic computations. <i>Journal of Computer and System Sciences</i> , 1984 , 28, 216-230 | 1 | 87 |
| 1101 | Alternation bounded auxiliary pushdown automata. 1984 , 62, 93-108 | | 12 |
| 1100 | A programming language for the inductive sets, and applications. 1984 , 63, 118-139 | | 23 |
| 1099 | Parity, circuits, and the polynomial-time hierarchy. 1984 , 17, 13-27 | | 554 |
| 1098 | Towards separating nondeterminism from determinism. 1984 , 17, 29-45 | | 21 |
| 1097 | Simulation of Parallel Random Access Machines by Circuits. 1984 , 13, 409-422 | | 122 |
| 1096 | Toward logic tailored for computational complexity. 1984 , 175-216 | | 120 |
| 1095 | Combinatorial games with exponential space complete decision problems. 1984 , 498-506 | | 6 |
| 1094 | On the power of alternation in finite automata. 1984 , 322-329 | | 2 |
| 1093 | Space complexity of alternating Turing machines. 1985 , 1-7 | | 10 |
| 1092 | Alternating simple multihead finite automata. <i>Theoretical Computer Science</i> , 1985 , 36, 291-308 | 1.1 | 7 |
| 1091 | Alternating tree automata. <i>Theoretical Computer Science</i> , 1985 , 41, 305-318 | 1.1 | 41 |
| 1090 | Alternating on-line turing machines with only universal states and small space bounds. <i>Theoretical Computer Science</i> , 1985 , 41, 331-339 | 1.1 | 7 |
| 1089 | Solitaire automata. <i>Journal of Computer and System Sciences</i> , 1985 , 30, 116-129 | 1 | 5 |
| 1088 | Speedups of deterministic machines by synchronous parallel machines. <i>Journal of Computer and System Sciences</i> , 1985 , 30, 149-161 | 1 | 37 |
| 1087 | On the power of alternation in automata theory. <i>Journal of Computer and System Sciences</i> , 1985 , 31, 28-39 | | 19 |
| 1086 | Relationships between time-leaf-and-space bounded ATMS and reversal-and-space bounded NTMs. 1985 , 16, 20-28 | | |

| | | | |
|------|--|-----|-----|
| 1085 | Alternating multicounter machines with constant number of reversals. 1985 , 21, 7-9 | | 9 |
| 1084 | Alternating automata on infinite objects, determinacy and Rabin's theorem. <i>Lecture Notes in Computer Science</i> , 1985 , 99-107 | 0.9 | 9 |
| 1083 | Universal quantifiers and time complexity of random access machines. 1985 , 18, 171-187 | | 29 |
| 1082 | On the complexity of theories of permutations. <i>Theoretical Computer Science</i> , 1985 , 41, 247-269 | 1.1 | 1 |
| 1081 | Alternation with restrictions on looping. 1985 , 67, 2-11 | | 5 |
| 1080 | A zero-one law for logic with a fixed-point operator. 1985 , 67, 70-90 | | 53 |
| 1079 | A taxonomy of problems with fast parallel algorithms. 1985 , 64, 2-22 | | 428 |
| 1078 | The Logic of Games and its Applications. 1985 , 102, 111-139 | | 35 |
| 1077 | Some complexity bounds for problems concerning finite and 2-dimensional vector addition systems with states. <i>Theoretical Computer Science</i> , 1986 , 46, 107-140 | 1.1 | 26 |
| 1076 | The Complexity of Languages Generated by Attribute Grammars. 1986 , 15, 70-86 | | 12 |
| 1075 | Two characterizations of the logarithmic alternation hierarchy. 1986 , 518-526 | | 6 |
| 1074 | Bounded Arithmetic Formulas and Turing Machines of Constant Alternation. 1986 , 355-377 | | 3 |
| 1073 | Parallel speedup of sequential machines: a defense of parallel computation thesis. 1986 , 18, 54-67 | | 14 |
| 1072 | Systolic arrays: Characterizations and complexity. 1986 , 140-153 | | 3 |
| 1071 | Alternating bottom-up tree recognizers. 1986 , 158-171 | | 2 |
| 1070 | An introduction to parallelism in combinatorial optimization. 1986 , 14, 135-156 | | 25 |
| 1069 | A theory for nondeterminism, parallelism, communication, and concurrency. <i>Theoretical Computer Science</i> , 1986 , 45, 1-61 | 1.1 | 73 |
| 1068 | On nondeterminism in parallel computation. <i>Theoretical Computer Science</i> , 1986 , 47, 111-120 | 1.1 | 3 |

| | | | |
|------|---|-----|-----|
| 1067 | Finite automata and unary languages. <i>Theoretical Computer Science</i> , 1986 , 47, 149-158 | 1.1 | 191 |
| 1066 | Balance of many-valued transductions and equivalence problems. <i>Theoretical Computer Science</i> , 1986 , 47, 247-262 | 1.1 | |
| 1065 | On the construction of parallel computers from various bases of boolean functions. <i>Theoretical Computer Science</i> , 1986 , 43, 43-58 | 1.1 | 70 |
| 1064 | Domino-tiling games. <i>Journal of Computer and System Sciences</i> , 1986 , 32, 374-392 | 1 | 49 |
| 1063 | On the power of two-way random generators and the impossibility of deterministic poly-space simulation. 1986 , 71, 131-142 | | 5 |
| 1062 | Alternation and Etype Turing acceptors. <i>Theoretical Computer Science</i> , 1986 , 43, 107-115 | 1.1 | 8 |
| 1061 | A new pebble game that characterizes parallel complexity classes. 1986 , | | 1 |
| 1060 | Complexity classes in communication complexity theory. 1986 , | | 139 |
| 1059 | On the power one-way communication. 1986 , | | 5 |
| 1058 | Classifying the computational complexity of problems. 1987 , 52, 1-43 | | 47 |
| 1057 | Concurrent dynamic logic. <i>Journal of the ACM</i> , 1987 , 34, 450-479 | 2 | 93 |
| 1056 | On the complexity of containment, equivalence, and reachability for finite and 2-dimensional vector addition systems with states. 1987 , 360-370 | | |
| 1055 | Self-reducibility. 1987 , 136-147 | | 6 |
| 1054 | Parallel Computer Models and Combinatorial Algorithms. 1987 , 325-364 | | 2 |
| 1053 | Alternating automata on infinite trees. <i>Theoretical Computer Science</i> , 1987 , 54, 267-276 | 1.1 | 161 |
| 1052 | Logspace Hierarchies, Polynomial Time and the Complexity of Fairness Problems Concerning Σ -Machines. 1987 , 16, 779-807 | | 8 |
| 1051 | Oracles for Deterministic Versus Alternating Classes. 1987 , 16, 613-627 | | 4 |
| 1050 | Speed-Up of Turing Machines with One Work Tape and a Two-Way Input Tape. 1987 , 16, 195-202 | | 9 |

| | | | |
|------|---|-----|-----|
| 1049 | On One-Way Cellular Arrays. 1987 , 16, 1135-1154 | | 38 |
| 1048 | The Complexity of Reliable Concurrency Control. 1987 , 16, 538-553 | | 2 |
| 1047 | Languages that Capture Complexity Classes. 1987 , 16, 760-778 | | 392 |
| 1046 | Array processing machines: An abstract model. 1987 , 27, 25-43 | | 7 |
| 1045 | Possibilities of various types of alternating automata. 1987 , 22, 714-720 | | |
| 1044 | Σ^1 SPACE(n) is closed under complement. <i>Journal of Computer and System Sciences</i> , 1987 , 35, 145-152 | 1 | 13 |
| 1043 | Communication in concurrent dynamic logic. <i>Journal of Computer and System Sciences</i> , 1987 , 35, 23-58 | 1 | 34 |
| 1042 | Concurrent program schemes and their logics. <i>Theoretical Computer Science</i> , 1987 , 55, 1-45 | 1.1 | 2 |
| 1041 | On reversal bounded alternating Turing machines. <i>Theoretical Computer Science</i> , 1987 , 54, 331-339 | 1.1 | 5 |
| 1040 | Comparison of the power between reversal-bounded ATMs and reversal-bounded NTMs. 1987 , 75, 144-161 | | 6 |
| 1039 | Some observations concerning alternating turing machines using small space. 1987 , 25, 1-9 | | 27 |
| 1038 | Alternating multihead finite automata. <i>Theoretical Computer Science</i> , 1988 , 61, 149-174 | 1.1 | 20 |
| 1037 | Non-Horn clause logic programming without contrapositives. 1988 , 4, 287 | | 56 |
| 1036 | Decompositions of nondeterministic reductions. <i>Theoretical Computer Science</i> , 1988 , 58, 175-181 | 1.1 | 2 |
| 1035 | On the complexity of deciding fair termination of probabilistic concurrent finite-state programs. <i>Theoretical Computer Science</i> , 1988 , 58, 263-324 | 1.1 | 7 |
| 1034 | Subclasses of presburger arithmetic and the polynomial-time hierarchy. <i>Theoretical Computer Science</i> , 1988 , 56, 289-301 | 1.1 | 31 |
| 1033 | Arthur-Merlin games: A randomized proof system, and a hierarchy of complexity classes. <i>Journal of Computer and System Sciences</i> , 1988 , 36, 254-276 | 1 | 310 |
| 1032 | Parallel computation with threshold functions. <i>Journal of Computer and System Sciences</i> , 1988 , 36, 278-302 | | 66 |

| | | | |
|------|---|-----|-----|
| 1031 | Relativized alternation and space-bounded computation. <i>Journal of Computer and System Sciences</i> , 1988 , 36, 351-378 | 1 | 29 |
| 1030 | Probabilistic game automata. <i>Journal of Computer and System Sciences</i> , 1988 , 36, 452-489 | 1 | 18 |
| 1029 | The complexity of optimization problems. <i>Journal of Computer and System Sciences</i> , 1988 , 36, 490-509 | 1 | 252 |
| 1028 | Parallel computing in combinatorial optimization. 1988 , 14, 245-289 | | 14 |
| 1027 | The computational complexity of asymptotic problems I: Partial orders. 1988 , 78, 108-123 | | 13 |
| 1026 | The problem of space invariance for sequential machines. 1988 , 77, 93-122 | | 20 |
| 1025 | Some subclasses of context-free languages in NC1. 1988 , 29, 111-117 | | 25 |
| 1024 | Input-driven languages are in log n depth. 1988 , 26, 247-250 | | 37 |
| 1023 | . 1988 , | | 60 |
| 1022 | A Natural NP-Complete Problem with a Nontrivial Lower Bound. 1988 , 17, 786-809 | | 15 |
| 1021 | Lowness Properties of Sets in the Exponential-Time Hierarchy. 1988 , 17, 504-516 | | 12 |
| 1020 | . 1988 , | | 63 |
| 1019 | On the power of one-way communication. <i>Journal of the ACM</i> , 1988 , 35, 697-726 | 2 | 26 |
| 1018 | The complexity of ordering subgoals. 1988 , | | 9 |
| 1017 | Decidable optimization problems for database logic programs. 1988 , | | 73 |
| 1016 | On some languages in NC. <i>Lecture Notes in Computer Science</i> , 1988 , 64-73 | 0.9 | 2 |
| 1015 | Domino games with an application to the complexity of boolean algebras with bounded quantifier alternations. 1988 , 98-107 | | 2 |
| 1014 | On the power of communication in alternating machines. 1988 , 518-528 | | 7 |

| | | | |
|------|--|-----|-----|
| 1013 | The power of polynomial size Σ -branching programs. 1988 , 81-90 | | 18 |
| 1012 | A survey of two-dimensional automata theory. 1988 , 72-91 | | 9 |
| 1011 | On reversal complexity for alternating Turing machines. 1989 , | | 2 |
| 1010 | On the synthesis of an asynchronous reactive module. <i>Lecture Notes in Computer Science</i> , 1989 , 652-671 | 0.9 | 130 |
| 1009 | Complexity theory of parallel time and hardware. 1989 , 80, 205-226 | | 19 |
| 1008 | The logarithmic alternation hierarchy collapses: $A\bar{A}L = A\bar{A}L$. 1989 , 80, 269-288 | | 9 |
| 1007 | Automata on infinite objects and their applications to logic and programming. 1989 , 83, 41-64 | | 2 |
| 1006 | A grammatical characterization of alternating pushdown automata. <i>Theoretical Computer Science</i> , 1989 , 67, 75-85 | 1.1 | 11 |
| 1005 | Some remarks on the alternating hierarchy and closure under complement for sublogarithmic space. 1989 , 33, 73-78 | | 5 |
| 1004 | Efficient simulations of simple models of parallel computation by time-bounded ATMs and space-bounded TMs. <i>Theoretical Computer Science</i> , 1989 , 68, 19-36 | 1.1 | 5 |
| 1003 | A hierarchy of propositional Horn formulas. <i>Theoretical Computer Science</i> , 1989 , 68, 113-119 | 1.1 | |
| 1002 | Dominoes and the complexity of subclasses of logical theories. 1989 , 43, 1-30 | | 16 |
| 1001 | A leaf-size hierarchy of two-dimensional alternating turing machines. <i>Theoretical Computer Science</i> , 1989 , 67, 99-110 | 1.1 | 1 |
| 1000 | Tradeoffs for language recognition on alternating machines. <i>Theoretical Computer Science</i> , 1989 , 63, 203-221 | 1.1 | 8 |
| 999 | Lower bounds for language recognition on two-dimensional alternating multihead machines. <i>Journal of Computer and System Sciences</i> , 1989 , 38, 431-451 | 1 | 6 |
| 998 | Descriptive characterizations of computational complexity. <i>Journal of Computer and System Sciences</i> , 1989 , 39, 51-83 | 1 | 35 |
| 997 | The strong exponential hierarchy collapses. <i>Journal of Computer and System Sciences</i> , 1989 , 39, 299-322 | 1 | 81 |
| 996 | With probability one, a random oracle separates PSPACE from the polynomial-time hierarchy. <i>Journal of Computer and System Sciences</i> , 1989 , 38, 68-85 | 1 | 50 |

| | | | |
|-----|---|-----|------|
| 995 | Bounded-width polynomial-size branching programs recognize exactly those languages in NC1. <i>Journal of Computer and System Sciences</i> , 1989 , 38, 150-164 | 1 | 327 |
| 994 | The complexity of reasoning about knowledge and time. I. Lower bounds. <i>Journal of Computer and System Sciences</i> , 1989 , 38, 195-237 | 1 | 154 |
| 993 | The Knowledge Complexity of Interactive Proof Systems. 1989 , 18, 186-208 | | 1685 |
| 992 | A New Pebble Game that Characterizes Parallel Complexity Classes. 1989 , 18, 533-549 | | 27 |
| 991 | Two Applications of Inductive Counting for Complementation Problems. 1989 , 18, 559-578 | | 82 |
| 990 | Polynomial Space Counting Problems. 1989 , 18, 1087-1097 | | 37 |
| 989 | . | | |
| 988 | . | | 0 |
| 987 | . | | 10 |
| 986 | . | | 3 |
| 985 | On the emptiness problem of tree automata and completeness of modal logics of programs. 1988 , 384-399 | | |
| 984 | Reversals and alternation. 1989 , 218-228 | | 2 |
| 983 | A combinatorial technique for separating counting complexity classes. <i>Lecture Notes in Computer Science</i> , 1989 , 733-744 | 0.9 | 1 |
| 982 | Deciding equivalence of finite tree automata. 1989 , 480-492 | | 5 |
| 981 | Complexity theory and formal languages. 1988 , 19-36 | | 1 |
| 980 | The complexity of the circularity problem for attribute grammars: a note on a counterexample for a simpler construction. 1989 , 20, 57-59 | | 1 |
| 979 | Bibliography. 1989 , 128, 528-573 | | |
| 978 | On possibilities of one-way synchronized and alternating automata. 1990 , 292-299 | | 1 |

| | | | |
|-----|--|-----|-----|
| 977 | Constructions for alternating finite automata *. 1990 , 35, 117-132 | | 37 |
| 976 | . 1990 , 36, 381-385 | | 57 |
| 975 | Turing machines with access to history. 1990 , 89, 133-143 | | |
| 974 | Polynomial size branching programs and their computational power. 1990 , 85, 163-182 | | 15 |
| 973 | On Laws and decision problems for fragments of second-order logic. 1990 , 87, 302-338 | | 42 |
| 972 | Hypothetical datalog: complexity and expressibility. <i>Theoretical Computer Science</i> , 1990 , 76, 3-51 | 1.1 | 35 |
| 971 | On the complexity of 1-tape ATMs and off-line 1-tape ATMs running in constant reversals. <i>Theoretical Computer Science</i> , 1990 , 76, 323-330 | 1.1 | 1 |
| 970 | The complexity of ranking simple languages. 1990 , 23, 1-19 | | 23 |
| 969 | Satisfiability of formulae with one ? is decidable in exponential time. 1990 , 29, 265-276 | | 2 |
| 968 | Computational structure of GPSP models. 1990 , 13, 521-587 | | 6 |
| 967 | The complexity of graph languages generated by hyperedge replacement. 1990 , 27, 399-421 | | 40 |
| 966 | One-way globally deterministic synchronized alternating finite automata recognize exactly deterministic context-sensitive languages. 1990 , 36, 69-72 | | 3 |
| 965 | On attribute grammars without attribute synthesis. 1990 , 35, 103-109 | | |
| 964 | Positive relativizations for log space computability. <i>Theoretical Computer Science</i> , 1990 , 77, 221-235 | 1.1 | 1 |
| 963 | A uniform method for proving lower bounds on the computational complexity of logical theories. 1990 , 48, 1-79 | | 69 |
| 962 | On uniformity within NC1. <i>Journal of Computer and System Sciences</i> , 1990 , 41, 274-306 | 1 | 301 |
| 961 | Self-reducibility. <i>Journal of Computer and System Sciences</i> , 1990 , 41, 367-388 | 1 | 42 |
| 960 | Prediction-preserving reducibility. <i>Journal of Computer and System Sciences</i> , 1990 , 41, 430-467 | 1 | 87 |

| | | | |
|-----|---|-----|-----|
| 959 | The complexity of short two-person games. 1990 , 29, 21-33 | | 6 |
| 958 | Parallel Algorithms for Shared-Memory Machines. 1990 , 869-941 | | 199 |
| 957 | Machine Models and Simulations. 1990 , 1-66 | | 75 |
| 956 | The Complexity of Finite Functions. 1990 , 757-804 | | 61 |
| 955 | A Catalog of Complexity Classes. 1990 , 67-161 | | 116 |
| 954 | . | | 4 |
| 953 | ML typability is dextime-complete. <i>Lecture Notes in Computer Science</i> , 1990 , 206-220 | 0.9 | 9 |
| 952 | . | | 2 |
| 951 | . | | 5 |
| 950 | . | | 0 |
| 949 | . | | 28 |
| 948 | The maximum weight perfect matching problem for complete weighted graphs is in PC. | | 9 |
| 947 | Basic Parallel Algorithms in Graph Theory. 1990 , 69-91 | | |
| 946 | Hierarchies over the context-free languages. <i>Lecture Notes in Computer Science</i> , 1990 , 214-224 | 0.9 | 3 |
| 945 | Deciding Equivalence of Finite Tree Automata. 1990 , 19, 424-437 | | 113 |
| 944 | Domino Games and Complexity. 1990 , 19, 787-804 | | 12 |
| 943 | Reversal Complexity Classes for Alternating Turing Machines. 1990 , 19, 207-221 | | 3 |
| 942 | Constructive modal logics I. 1990 , 50, 271-301 | | 38 |

| | | | | |
|-----|--|-----|--|-----|
| 941 | The Power of Alternating One-Reversal Counters and Stacks. 1991 , 20, 278-290 | | | 5 |
| 940 | . | | | 17 |
| 939 | . | | | 239 |
| 938 | . | | | 46 |
| 937 | Interactive proof systems and alternating time-space complexity. 1991 , 263-274 | | | 1 |
| 936 | The owner concept for PRAMs. 1991 , 172-183 | | | 8 |
| 935 | On the power of synchronization in parallel computations. 1991 , 32, 155-182 | | | 22 |
| 934 | Global and local views of state fairness. <i>Theoretical Computer Science</i> , 1991 , 80, 77-104 | 1.1 | | 1 |
| 933 | On the computational efficiency of symmetric neural networks. <i>Theoretical Computer Science</i> , 1991 , 80, 337-345 | 1.1 | | 2 |
| 932 | Properties that characterize LOGCFL. <i>Journal of Computer and System Sciences</i> , 1991 , 43, 380-404 | 1 | | 69 |
| 931 | A note on the space complexity of some decision problems for finite automata. 1991 , 40, 25-31 | | | 44 |
| 930 | Classification of the index sets of low[n] and high[n]. 1991 , 6, 285-290 | | | |
| 929 | Iterated stack automata and complexity classes. 1991 , 95, 21-75 | | | 35 |
| 928 | Some classes of languages in NC1. 1991 , 90, 86-106 | | | 3 |
| 927 | Separating the eraser Turing machine classes Le, NLe, co-NLe and Pe. <i>Theoretical Computer Science</i> , 1991 , 86, 267-275 | 1.1 | | 33 |
| 926 | Nonuniform proof systems: a new framework to describe nonuniform and probabilistic complexity classes. <i>Theoretical Computer Science</i> , 1991 , 85, 305-331 | 1.1 | | 13 |
| 925 | A note on real-time one-way alternating multicounter machines. <i>Theoretical Computer Science</i> , 1991 , 88, 287-296 | 1.1 | | 2 |
| 924 | A survey of two-dimensional automata theory. 1991 , 55, 99-121 | | | 46 |

| | | | |
|-----|---|-----|-----|
| 923 | Pseudorandom bits for constant depth circuits. 1991 , 11, 63-70 | | 111 |
| 922 | Arithmetization: A new method in structural complexity theory. 1991 , 1, 41-66 | | 53 |
| 921 | Space-bounded probabilistic game automata. <i>Journal of the ACM</i> , 1991 , 38, 472-494 | 2 | 13 |
| 920 | Complexity classes defined by counting quantifiers. <i>Journal of the ACM</i> , 1991 , 38, 752-773 | 2 | 67 |
| 919 | Efficient Temporal Satisfiability. <i>Journal of Logic and Computation</i> , 1992 , 2, 173-210 | 0.4 | 3 |
| 918 | Iterative tree automata, alternating Turing machines, and uniform Boolean circuits: relationships and characterization. 1992 , | | 1 |
| 917 | Finite state verifiers I. <i>Journal of the ACM</i> , 1992 , 39, 800-828 | 2 | 68 |
| 916 | . | | |
| 915 | . | | 5 |
| 914 | Real-time and the Mu-Calculus (preliminary report). <i>Lecture Notes in Computer Science</i> , 1992 , 176-194 | 0.9 | 6 |
| 913 | . | | 16 |
| 912 | A Calculus for Access Control in Distributed Systems. 1991 , 1-23 | | 6 |
| 911 | An Optimal Parallel Algorithm for Formula Evaluation. 1992 , 21, 755-780 | | 61 |
| 910 | Locally definable acceptance types □The three-valued case. 1992 , 262-271 | | 5 |
| 909 | Quantitative temporal reasoning. 1992 , 4, 331-352 | | 88 |
| 908 | Communication for alternating machines. 1992 , 29, 425-441 | | 5 |
| 907 | The correlation between the complexities of the nonhierarchical and hierarchical versions of graph problems. <i>Journal of Computer and System Sciences</i> , 1992 , 44, 63-93 | 1 | 35 |
| 906 | Trade-offs between communication and space. <i>Journal of Computer and System Sciences</i> , 1992 , 45, 296-315 | | 6 |

| | | | |
|-----|---|-----|-----|
| 905 | Positional simulation of two-way automata: Proof of a conjecture of R. Kannan and generalizations. <i>Journal of Computer and System Sciences</i> , 1992 , 45, 154-179 | 1 | 7 |
| 904 | The NP-completeness column: An ongoing guide. 1992 , 13, 502-524 | | 42 |
| 903 | Upper bounds on recognition of a hierarchy of non-context-free languages. <i>Theoretical Computer Science</i> , 1992 , 98, 289-319 | 1.1 | 6 |
| 902 | Generalizations of Opt P to the polynomial hierarchy. <i>Theoretical Computer Science</i> , 1992 , 97, 183-198 | 1.1 | 24 |
| 901 | Alternating automata, the weak monadic theory of trees and its complexity. <i>Theoretical Computer Science</i> , 1992 , 97, 233-244 | 1.1 | 28 |
| 900 | A survey of space complexity. <i>Theoretical Computer Science</i> , 1992 , 101, 99-132 | 1.1 | 6 |
| 899 | Complexity of logical theories involving coprimality. <i>Theoretical Computer Science</i> , 1992 , 106, 221-241 | 1.1 | 2 |
| 898 | Some properties of space-bounded synchronized alternating Turing machines with universal states only. <i>Theoretical Computer Science</i> , 1992 , 96, 411-419 | 1.1 | 4 |
| 897 | On space-bounded synchronized alternating Turing machines. <i>Theoretical Computer Science</i> , 1992 , 99, 243-264 | 1.1 | 3 |
| 896 | Polynomial-time 1-Turing reductions from #PH to #P. <i>Theoretical Computer Science</i> , 1992 , 100, 205-221 | 1.1 | 49 |
| 895 | Decision problems for propositional linear logic. 1992 , 56, 239-311 | | 138 |
| 894 | The complexity of stochastic games. 1992 , 96, 203-224 | | 280 |
| 893 | A uniform approach to define complexity classes. <i>Theoretical Computer Science</i> , 1992 , 104, 263-283 | 1.1 | 87 |
| 892 | A characterization of exponential-time languages by alternating context-free grammars. <i>Theoretical Computer Science</i> , 1992 , 99, 301-313 | 1.1 | 7 |
| 891 | Intersection and union of regular languages and state complexity. 1992 , 43, 185-190 | | 127 |
| 890 | Computational complexity and constraint logic programming languages. 1992 , 5, 163-189 | | 10 |
| 889 | On the complexity of tree embedding problems. 1992 , 44, 323-328 | | 2 |
| 888 | A relationship between nondeterministic Turing machines and 1-inkdot turing machines with small space. 1992 , 43, 225-227 | | 5 |

| | | | |
|-----|--|-----|-----|
| 887 | A guide to completeness and complexity for modal logics of knowledge and belief. 1992 , 54, 319-379 | | 473 |
| 886 | Partial orders on words, minimal elements of regular languages, and state complexity. <i>Theoretical Computer Science</i> , 1993 , 119, 267-291 | 1.1 | 72 |
| 885 | If not empty, NP \mathbb{P} is topologically large. <i>Theoretical Computer Science</i> , 1993 , 119, 293-310 | 1.1 | 4 |
| 884 | A note on realtime one-way synchronized alternating one-counter automata. <i>Theoretical Computer Science</i> , 1993 , 108, 393-400 | 1.1 | 3 |
| 883 | Interactive proof systems and alternating time-space complexity. <i>Theoretical Computer Science</i> , 1993 , 113, 55-73 | 1.1 | 19 |
| 882 | Probabilistic polynomials, AC0 functions and the polynomial-time hierarchy. <i>Theoretical Computer Science</i> , 1993 , 113, 167-183 | 1.1 | 37 |
| 881 | On the complexity of queries in the logical data model. <i>Theoretical Computer Science</i> , 1993 , 116, 33-57 | 1.1 | 10 |
| 880 | Recursively indefinite databases. <i>Theoretical Computer Science</i> , 1993 , 116, 151-194 | 1.1 | 8 |
| 879 | Unambiguity of circuits. <i>Theoretical Computer Science</i> , 1993 , 107, 77-94 | 1.1 | 15 |
| 878 | Circuit size relative to pseudorandom oracles. <i>Theoretical Computer Science</i> , 1993 , 107, 95-120 | 1.1 | 19 |
| 877 | Complexity analysis of propositional concurrent programs using domino tiling. 1993 , 26, 357-378 | | |
| 876 | Parallel pointer machines. 1993 , 3, 19-30 | | 4 |
| 875 | State-complexity of finite-state devices, state compressibility and incompressibility. 1993 , 26, 237-269 | | 46 |
| 874 | Continuous alternation: The complexity of pursuit in continuous domains. 1993 , 10, 156-181 | | 2 |
| 873 | A note on three-dimensional alternating Turing machines with space smaller than $\log m$. 1993 , 72, 225-249 | | 1 |
| 872 | $\text{SPACE}(o(\log \log n))$ is Regular. 1993 , 22, 136-146 | | 28 |
| 871 | . | | 1 |
| 870 | A calculus for access control in distributed systems. 1993 , 15, 706-734 | | 317 |

| | | | |
|-----|---|-----|-----|
| 869 | . | | |
| 868 | Sublogarithmic Σ_2 -space is not closed under complement and other separation results. 1993 , 27, 349-366 | | 6 |
| 867 | Oracles and quantifiers. 1993 , 189-222 | | 11 |
| 866 | . | | 15 |
| 865 | Equations and regular-like expressions for afa. 1994 , 51, 157-172 | | 1 |
| 864 | An analysis of ML typability. <i>Journal of the ACM</i> , 1994 , 41, 368-398 | 2 | 31 |
| 863 | On the power of bounded concurrency I. <i>Journal of the ACM</i> , 1994 , 41, 517-539 | 2 | 66 |
| 862 | On the power of bounded concurrency II. <i>Journal of the ACM</i> , 1994 , 41, 540-554 | 2 | 12 |
| 861 | . | | 4 |
| 860 | . | | 4 |
| 859 | . | | 5 |
| 858 | . | | 4 |
| 857 | The state complexities of some basic operations on regular languages. <i>Theoretical Computer Science</i> , 1994 , 125, 315-328 | 1.1 | 246 |
| 856 | The complexity of optimizing finite-state transducers. <i>Theoretical Computer Science</i> , 1994 , 129, 323-336 | 1.1 | |
| 855 | On 1-inkdot alternating Turing machines with small space. <i>Theoretical Computer Science</i> , 1994 , 127, 171-179 | | 6 |
| 854 | Deterministic versus nondeterministic space in terms of synchronized alternating machines. <i>Theoretical Computer Science</i> , 1994 , 132, 319-336 | 1.1 | 14 |
| 853 | Function-algebraic characterizations of log and polylog parallel time. 1994 , 4, 175-205 | | 15 |
| 852 | Simulation of three-dimensional one-marker automata by five-way Turing machines. 1994 , 77, 77-99 | | 1 |

| | | | |
|-----|--|-----|-----|
| 851 | Hardness vs randomness. <i>Journal of Computer and System Sciences</i> , 1994 , 49, 149-167 | 1 | 480 |
| 850 | Nondeterminacy and recursion via stacks and games. <i>Theoretical Computer Science</i> , 1994 , 124, 273-295 | 1.1 | 10 |
| 849 | The Othello game on an $n \times n$ board is PSPACE-complete. <i>Theoretical Computer Science</i> , 1994 , 123, 329-340 | 1 | 30 |
| 848 | Speedup of determinism by alternation for multidimensional Turing machines. <i>Theoretical Computer Science</i> , 1994 , 134, 427-453 | 1.1 | |
| 847 | A Uniform Circuit Lower Bound for the Permanent. 1994 , 23, 1026-1049 | | 33 |
| 846 | Complexity-Restricted Advice Functions. 1994 , 23, 261-275 | | 6 |
| 845 | . | | 2 |
| 844 | . | | |
| 843 | . | | 4 |
| 842 | . | | 6 |
| 841 | The complexity of set constraints. 1993 , 1-17 | | 21 |
| 840 | On log-time alternating Turing machines of alternation depth k . <i>Lecture Notes in Computer Science</i> , 1995 , 282-291 | 0.9 | |
| 839 | . | | 10 |
| 838 | Ramified recurrence and computational complexity II: Substitution and poly-space. <i>Lecture Notes in Computer Science</i> , 1995 , 486-500 | 0.9 | 24 |
| 837 | Approximate solutions to problems in PSPACE. 1995 , 26, 4-13 | | 3 |
| 836 | A remark on middle space bounded alternating Turing machines. 1995 , 56, 229-232 | | 6 |
| 835 | On the structural simplicity of machines and languages. 1995 , 15, 379-405 | | 1 |
| 834 | Arguments against the possibility of perfect rationality. 1995 , 5, 373-389 | | 5 |

| | | | |
|-----|--|-----|-----|
| 833 | On the power of 1-tape off-line ATMs running in a bounded number of reversals. 1995 , 28, 329-339 | | |
| 832 | On input read-modes of alternating Turing machines. <i>Theoretical Computer Science</i> , 1995 , 148, 33-55 | 1.1 | 10 |
| 831 | On adaptive DLOGTIME and POLYLOGTIME reductions. <i>Theoretical Computer Science</i> , 1995 , 148, 183-205. | 1.1 | 10 |
| 830 | Nondeterministic, probabilistic and alternating computations on cellular array models. <i>Theoretical Computer Science</i> , 1995 , 143, 23-49 | 1.1 | 2 |
| 829 | The complexity of pursuit on a graph. <i>Theoretical Computer Science</i> , 1995 , 143, 93-112 | 1.1 | 65 |
| 828 | Optimal simulation of two-dimensional alternating finite automata by three-way nondeterministic Turing machines. <i>Theoretical Computer Science</i> , 1995 , 143, 123-135 | 1.1 | |
| 827 | Alternating automata and program verification. <i>Lecture Notes in Computer Science</i> , 1995 , 471-485 | 0.9 | 47 |
| 826 | THE MAXIMUM WEIGHT PERFECT MATCHING PROBLEM FOR COMPLETE WEIGHTED GRAPHS IS IN PC* This research was supported by the Natural Sciences and Engineering Research Council of Canada under grant A3336.. 1995 , 6, 143-166 | | 1 |
| 825 | Using autoreducibility to separate complexity classes. | | 3 |
| 824 | Computation models and function algebras. <i>Lecture Notes in Computer Science</i> , 1995 , 98-130 | 0.9 | 7 |
| 823 | The complexity of probabilistic verification. <i>Journal of the ACM</i> , 1995 , 42, 857-907 | 2 | 372 |
| 822 | A note on genericity and bi-immunity. | | 7 |
| 821 | Asymptotic Conditional Probabilities: The Unary Case. 1996 , 25, 1-51 | | 11 |
| 820 | Linear Time and Memory-Efficient Computation. 1996 , 25, 133-168 | | |
| 819 | Performance prototyping of parallel applications in N-MAP. | | 3 |
| 818 | Relations among parallel and sequential computation models. <i>Lecture Notes in Computer Science</i> , 1996 , 23-32 | 0.9 | 1 |
| 817 | Converting a bi alternating automaton to a usual nondeterministic one. 1996 , 21, 213-228 | | 0 |
| 816 | On balanced versus unbalanced computation trees. 1996 , 29, 411-421 | | 21 |

| | | | |
|-----|--|-----|----|
| 815 | Two-way automata and length-preserving homomorphisms. 1996 , 29, 191-226 | | 8 |
| 814 | Alternating time versus deterministic time: A separation. 1996 , 29, 661-671 | | 1 |
| 813 | The complexity of PDL with interleaving. <i>Theoretical Computer Science</i> , 1996 , 161, 109-122 | 1.1 | 13 |
| 812 | The complexity of searching implicit graphs. 1996 , 86, 171-188 | | 9 |
| 811 | The state complexity of $\text{P} \leq \text{L}$ and its connection with temporal logic. 1996 , 58, 185-188 | | 9 |
| 810 | Characterization and complexity of uniformly nonprimitive labeled 2-structures. <i>Theoretical Computer Science</i> , 1996 , 154, 247-282 | 1.1 | 15 |
| 809 | Separating classes in the exponential-time hierarchy from classes in PH. <i>Theoretical Computer Science</i> , 1996 , 158, 221-231 | 1.1 | 7 |
| 808 | Three-dimensional alternating Turing machines with only universal states. 1996 , 95, 155-190 | | 1 |
| 807 | Complexity results for two-way and multi-pebble automata and their logics. <i>Theoretical Computer Science</i> , 1996 , 169, 161-184 | 1.1 | 34 |
| 806 | Circuit complexity before the dawn of the new millennium. <i>Lecture Notes in Computer Science</i> , 1996 , 1-18 | 0.9 | 12 |
| 805 | Making games short (extended abstract). 1997 , | | 30 |
| 804 | Closure under complementation of logspace complexity classes - A survey -. <i>Lecture Notes in Computer Science</i> , 1997 , 163-175 | 0.9 | |
| 803 | Computational limitations of Stochastic Turing machines and Arthur-Merlin games with small space bounds. <i>Lecture Notes in Computer Science</i> , 1997 , 91-107 | 0.9 | |
| 802 | Tally languages accepted by alternating multitape finite automata. <i>Lecture Notes in Computer Science</i> , 1997 , 422-430 | 0.9 | |
| 801 | Weak alternating automata are not that weak. | | 22 |
| 800 | . | | 94 |
| 799 | Complexity and expressive power of logic programming. | | 27 |
| 798 | Circuit bottom fan-in and computational power. | | |

| | | | | |
|-----|---|-----|---|-----|
| 797 | Handbook of Formal Languages. 1997 , | | | 103 |
| 796 | Nondeterministic polynomial time versus nondeterministic logarithmic space: time-space tradeoffs for satisfiability. | | | 15 |
| 795 | Regular Languages. 1997 , 41-110 | | | 294 |
| 794 | Fixpoint logics, relational machines, and computational complexity. <i>Journal of the ACM</i> , 1997 , 44, 30-56 2 | | | 22 |
| 793 | On the Amount of Nondeterminism and the Power of Verifying. 1997 , 26, 733-750 | | | 33 |
| 792 | Random Debaters and the Hardness of Approximating Stochastic Functions. 1997 , 26, 369-400 | | | 27 |
| 791 | Speeding up inferences using relevance reasoning: a formalism and algorithms. 1997 , 97, 83-136 | | | 19 |
| 790 | Null Inclusion Dependencies in Relational Databases. 1997 , 136, 67-108 | | | 19 |
| 789 | Randomized proofs in arithmetic. 1997 , 87, 3209-3220 | | | |
| 788 | Expressing uniformity via oracles. <i>Theory of Computing Systems</i> , 1997 , 30, 355-366 | 0.6 | 1 | |
| 787 | Intuitionistic deductive databases and the polynomial time hierarchy. 1997 , 33, 1-47 | | | 5 |
| 786 | On parallel hierarchies and Rki. 1997 , 89, 231-273 | | | 1 |
| 785 | Deterministic summation modulo B_n , the semigroup of binary relations on $\{0, 1, \dots, n\}$. <i>Theoretical Computer Science</i> , 1997 , 172, 135-174 | 1.1 | | 3 |
| 784 | Nondeterministic stack register machines. <i>Theoretical Computer Science</i> , 1997 , 178, 37-76 | 1.1 | | 6 |
| 783 | On the power of alternation on reversal-bounded alternating Turing machines with a restriction. <i>Theoretical Computer Science</i> , 1997 , 180, 139-154 | 1.1 | | |
| 782 | On the parallel complexity of loops. <i>Theoretical Computer Science</i> , 1997 , 179, 381-395 | 1.1 | | |
| 781 | Alternation on cellular automata. <i>Theoretical Computer Science</i> , 1997 , 180, 229-241 | 1.1 | | 4 |
| 780 | Gap-languages and log-time complexity classes. <i>Theoretical Computer Science</i> , 1997 , 188, 101-116 | 1.1 | | 14 |

| | | | |
|-----|---|-----|----|
| 779 | On the Equivalence of Recursive and Nonrecursive Datalog Programs. <i>Journal of Computer and System Sciences</i> , 1997 , 54, 61-78 | 1 | 24 |
| 778 | The Complexity of Querying Indefinite Data about Linearly Ordered Domains. <i>Journal of Computer and System Sciences</i> , 1997 , 54, 113-135 | 1 | 59 |
| 777 | Reusing and Modifying Rulebases by Predicate Substitution. <i>Journal of Computer and System Sciences</i> , 1997 , 54, 136-166 | 1 | 2 |
| 776 | Common Knowledge and Update in Finite Environments. 1998 , 140, 115-157 | | 39 |
| 775 | A Canonical Form of Vector Machines. 1998 , 141, 37-65 | | |
| 774 | Reflective Relational Machines. 1998 , 143, 110-136 | | 10 |
| 773 | Positive Versions of Polynomial Time. 1998 , 147, 145-170 | | 2 |
| 772 | Unambiguous computations and locally definable acceptance types. <i>Theoretical Computer Science</i> , 1998 , 194, 137-161 | 1.1 | 12 |
| 771 | A communication hierarchy of parallel computations. <i>Theoretical Computer Science</i> , 1998 , 198, 99-130 | 1.1 | 5 |
| 770 | On determining optimal strategies in pursuit games in the plane. <i>Theoretical Computer Science</i> , 1998 , 197, 203-234 | 1.1 | 2 |
| 769 | Properties of probabilistic pushdown automata. <i>Theoretical Computer Science</i> , 1998 , 207, 117-130 | 1.1 | 10 |
| 768 | Sublogarithmic Bounds on Space and Reversals. 1998 , 28, 325-340 | | 11 |
| 767 | Circuit Bottom Fan-in and Computational Power. 1998 , 27, 341-355 | | 9 |
| 766 | Downward Separation Fails Catastrophically for Limited Nondeterminism Classes. 1998 , 27, 1420-1429 | | 1 |
| 765 | Freedom, weakness, and determinism: from linear-time to branching-time. | | 34 |
| 764 | A characterization of NC by tree recurrence. | | 4 |
| 763 | Optimal simulations between unary automata. <i>Lecture Notes in Computer Science</i> , 1998 , 139-149 | 0.9 | 4 |
| 762 | LISA: A specification language based on WS2S. <i>Lecture Notes in Computer Science</i> , 1998 , 18-34 | 0.9 | 2 |

| | | | |
|-----|---|-----|-----|
| 761 | Parameterized parallel complexity. <i>Lecture Notes in Computer Science</i> , 1998 , 892-896 | 0.9 | 7 |
| 760 | Efficient implementation of regular languages using r-AFA. <i>Lecture Notes in Computer Science</i> , 1998 , 176-184 | 0.9 | 3 |
| 759 | Implementing Reversed Alternating Finite Automaton (r-AFA) Operations. <i>Lecture Notes in Computer Science</i> , 1999 , 69-81 | 0.9 | 1 |
| 758 | Computation Models and Function Algebras. 1999 , 589-681 | | 15 |
| 757 | BACK MATTER. 1999 , 607-629 | | |
| 756 | Workflow, transactions and datalog. 1999 , | | 32 |
| 755 | Hypertree decompositions and tractable queries. 1999 , | | 42 |
| 754 | The Complexity of Optimal Queuing Network Control. 1999 , 24, 293-305 | | 266 |
| 753 | Decidable Fragments of Simultaneous Rigid Reachability. <i>Lecture Notes in Computer Science</i> , 1999 , 250-260 | | 2 |
| 752 | COMPUTATIONAL COMPLEXITY OF TERM-EQUIVALENCE. 1999 , 09, 113-128 | | 13 |
| 751 | Discrete-time control for rectangular hybrid automata. <i>Theoretical Computer Science</i> , 1999 , 221, 369-392 | 1.1 | 70 |
| 750 | Succinctness as a source of complexity in logical formalisms. 1999 , 97, 231-260 | | 30 |
| 749 | A note on two-dimensional probabilistic Turing machines. 1999 , 113, 205-220 | | 2 |
| 748 | Alternation and Bounded Concurrency Are Reverse Equivalent. 1999 , 152, 173-187 | | 1 |
| 747 | Predicate Transformers for Recursive Procedures with Local Variables. 1999 , 11, 616-636 | | 5 |
| 746 | . | | |
| 745 | TimeSpace Tradeoffs for Satisfiability. <i>Journal of Computer and System Sciences</i> , 2000 , 60, 337-353 | 1 | 33 |
| 744 | Symbolic model checking for λ -calculus requires exponential time. <i>Theoretical Computer Science</i> , 2000 , 243, 467-475 | 1.1 | 6 |

| | | | |
|-----|---|-----|-----|
| 743 | Alternating finite automata and star-free languages. <i>Theoretical Computer Science</i> , 2000 , 234, 167-176 | 1.1 | 6 |
| 742 | A complexity analysis of bisimilarity for value-passing processes. <i>Theoretical Computer Science</i> , 2000 , 238, 313-345 | 1.1 | 3 |
| 741 | A characterization of alternating log time by ramified recurrence. <i>Theoretical Computer Science</i> , 2000 , 236, 193-208 | 1.1 | 11 |
| 740 | RIGID REACHABILITY, THE NON-SYMMETRIC FORM OF RIGID E-UNIFICATION. 2000 , 11, 3-27 | | 5 |
| 739 | On separators, segregators and time versus space. | | 0 |
| 738 | An automata-theoretic approach to branching-time model checking. <i>Journal of the ACM</i> , 2000 , 47, 312-360 | | 317 |
| 737 | Algorithms, games, and the internet. 2001 , | | 533 |
| 736 | Optimal Simulations between Unary Automata. 2001 , 30, 1976-1992 | | 64 |
| 735 | Temporal logic query checking. | | 26 |
| 734 | Bibliography. 2001 , 269-273 | | |
| 733 | . 2001 , | | 8 |
| 732 | Note on the Succinctness of Deterministic, Nondeterministic, Probabilistic and Quantum Finite Automata. 2001 , 35, 477-490 | | 22 |
| 731 | Alternation for sublogarithmic space-bounded alternating pushdown automata. <i>Theoretical Computer Science</i> , 2001 , 259, 475-492 | 1.1 | 1 |
| 730 | Hyper-polynomial hierarchies and the polynomial jump. <i>Theoretical Computer Science</i> , 2001 , 262, 241-256. | 1 | |
| 729 | Lower bounds for multiplayer noncooperative games of incomplete information. 2001 , 41, 957-992 | | 66 |
| 728 | Pushdown Processes: Games and Model-Checking. 2001 , 164, 234-263 | | 150 |
| 727 | How Hard Is Computing the Edit Distance?. 2001 , 165, 1-13 | | 30 |
| 726 | CLOSURE PROPERTY OF SPACE-BOUNDED TWO-DIMENSIONAL ALTERNATING TURING MACHINES, PUSHDOWN AUTOMATA, AND COUNTER AUTOMATA. 2001 , 15, 1143-1165 | | 2 |

| | | | |
|-----|--|-----|-----|
| 725 | Security verification of programs with stack inspection. 2001 , | | 7 |
| 724 | Policy algebras for access control. 2001 , | | 13 |
| 723 | Complexity and expressive power of logic programming. 2001 , 33, 374-425 | | 377 |
| 722 | Weak alternating automata are not that weak. 2001 , 2, 408-429 | | 135 |
| 721 | Encyclopedia of Optimization. 2001 , 1929-1931 | | |
| 720 | Focus games for satisfiability and completeness of temporal logic. | | 8 |
| 719 | ON THE COMPLEXITY OF COALITIONAL REASONING. 2002 , 04, 237-254 | | 2 |
| 718 | High-level specification and automatic generation of IP interface monitors. 2002 , | | 15 |
| 717 | Alternating-time temporal logic. <i>Journal of the ACM</i> , 2002 , 49, 672-713 | 2 | 739 |
| 716 | Is your model checker on time? On the complexity of model checking for timed modal logics. 2002 , 52-53, 7-51 | | 20 |
| 715 | Hypertree Decompositions and Tractable Queries. <i>Journal of Computer and System Sciences</i> , 2002 , 64, 579-627 | 1 | 183 |
| 714 | Decision algorithms for multiplayer noncooperative games of incomplete information. 2002 , 43, 179-206 | | 9 |
| 713 | Computing LOGCFL certificates. <i>Theoretical Computer Science</i> , 2002 , 270, 761-777 | 1.1 | 21 |
| 712 | Endgame problems of Sim-like graph Ramsey avoidance games are PSPACE-complete. <i>Theoretical Computer Science</i> , 2002 , 289, 829-843 | 1.1 | 1 |
| 711 | Collecting Statistics over Runtime Executions ¹ ¹ This research was supported in part by NSF(ITR) grant CCR-01-21403, by NSF grant CCR-99-00984-001, by ARO grant DAAD19-01-1-0723, and by ARPA/AF contracts F33615-00-C-1693 and F33615-99-C-3014.. 2002 , 70, 36-54 | | 12 |
| 710 | On the Complexity of Verifying Concurrent Transition Systems. 2002 , 173, 143-161 | | 31 |
| 709 | Cosmological lower bound on the circuit complexity of a small problem in logic. <i>Journal of the ACM</i> , 2002 , 49, 753-784 | 2 | 15 |
| 708 | Note on winning positions on pushdown games with \exists regular conditions. 2003 , 85, 285-291 | | 28 |

| | | | |
|-----|---|-----|-----|
| 707 | Verifying minimum stable circuit values. 2003 , 86, 27-32 | | 1 |
| 706 | Typechecking for XML transformers. <i>Journal of Computer and System Sciences</i> , 2003 , 66, 66-97 | 1 | 85 |
| 705 | Introduction to computability logic. 2003 , 123, 1-99 | | 60 |
| 704 | Decision procedures for inductive Boolean functions based on alternating automata. <i>Theoretical Computer Science</i> , 2003 , 300, 301-329 | 1.1 | |
| 703 | Alternating and empty alternating auxiliary stack automata. <i>Theoretical Computer Science</i> , 2003 , 299, 307-326 | 1.1 | 2 |
| 702 | From bidirectionality to alternation. <i>Theoretical Computer Science</i> , 2003 , 295, 295-321 | 1.1 | 7 |
| 701 | A note on one-pebble two-dimensional Turing machines. 2003 , 12, 360-371 | | |
| 700 | Generating Optimal Monitors for Extended Regular Expressions. 2003 , 89, 226-245 | | 41 |
| 699 | On the computational complexity of decidable fragments of first-order linear temporal logics. | | 8 |
| 698 | Stream processing of XPath queries with predicates. 2003 , | | 107 |
| 697 | Bounded nondeterminism and alternation in parameterized complexity theory. | | 13 |
| 696 | A propositional policy algebra for access control. 2003 , 6, 286-325 | | 81 |
| 695 | XPath queries on streaming data. 2003 , | | 88 |
| 694 | Some Properties of One-Pebble Turing Machines with Sublogarithmic Space. <i>Lecture Notes in Computer Science</i> , 2003 , 635-644 | 0.9 | 1 |
| 693 | On the Complexity of Existential Pebble Games. <i>Lecture Notes in Computer Science</i> , 2003 , 314-329 | 0.9 | 9 |
| 692 | Automatic Structures of Bounded Degree. <i>Lecture Notes in Computer Science</i> , 2003 , 346-360 | 0.9 | 5 |
| 691 | Domain mu-calculus. 2003 , 37, 337-364 | | 3 |
| 690 | Weighted hypertree decompositions and optimal query plans. 2004 , | | 9 |

| | | | |
|-----|--|-----|-----|
| 689 | Finite state machines for strings over infinite alphabets. 2004 , 5, 403-435 | | 162 |
| 688 | A NOTE ON REBOUND TURING MACHINES. 2004 , 15, 791-807 | | 1 |
| 687 | Comparing Semantics of Logics for Multi-Agent Systems. 2004 , 139, 241-280 | | 41 |
| 686 | Generalized acceptance, succinctness and supernondeterministic finite automata. <i>Theoretical Computer Science</i> , 2004 , 313, 159-172 | 1.1 | 1 |
| 685 | Weak Bisimilarity and Regularity of Context-Free Processes is EXPTIME-hard. 2004 , 96, 153-172 | | 1 |
| 684 | A note on one-pebble two-dimensional Turing machines. 2004 , 162, 295-314 | | 2 |
| 683 | Computational inductive definability. 2004 , 126, 139-148 | | |
| 682 | Finite Automata. 2004 , 55-85 | | 1 |
| 681 | Regular Grammars and Languages. 2004 , 87-96 | | |
| 680 | On exponential-time completeness of the circularity problem for attribute grammars. 2004 , 26, 186-190 | | 2 |
| 679 | Complexity: What, Why, and How. 2005 , 63-93 | | |
| 678 | Time in Qualitative Simulation. 2005 , 655-664 | | 1 |
| 677 | Complexity results for prefix grammars. 2005 , 39, 391-401 | | |
| 676 | Alternating automata and temporal logic normal forms. 2005 , 135, 263-285 | | 3 |
| 675 | In defense of PDDL axioms. 2005 , 168, 38-69 | | 35 |
| 674 | Game Over: The Foci Approach to LTL Satisfiability and Model Checking. 2005 , 119, 33-49 | | 1 |
| 673 | Finite graph automata for linear and boundary graph languages. <i>Theoretical Computer Science</i> , 2005 , 332, 199-232 | 1.1 | 8 |
| 672 | On state-alternating context-free grammars. <i>Theoretical Computer Science</i> , 2005 , 337, 183-216 | 1.1 | 9 |

| | | | |
|-----|--|-----|----|
| 671 | Some properties of one-pebble Turing machines with sublogarithmic space. <i>Theoretical Computer Science</i> , 2005 , 341, 138-149 | 1.1 | 3 |
| 670 | Generation problems. <i>Theoretical Computer Science</i> , 2005 , 345, 260-295 | 1.1 | 0 |
| 669 | Computation of equilibria in noncooperative games. 2005 , 50, 823-854 | | 2 |
| 668 | Tableaux for constructive concurrent dynamic logic. 2005 , 135, 1-72 | | 14 |
| 667 | Logical aspects of Cayley-graphs: the group case. 2005 , 131, 263-286 | | 20 |
| 666 | Weak bisimilarity and regularity of context-free processes is EXPTIME-hard. <i>Theoretical Computer Science</i> , 2005 , 330, 553-575 | 1.1 | 3 |
| 665 | Collecting Statistics Over Runtime Executions. 2005 , 27, 253-274 | | 28 |
| 664 | New finite automata corresponding to semiextended regular expressions. 2005 , 36, 54-61 | | |
| 663 | Beyond NP. 2005 , | | 3 |
| 662 | From linear time to branching time. 2005 , 6, 273-294 | | 25 |
| 661 | XSQ. 2005 , 30, 577-623 | | 26 |
| 660 | Parallelizing time with polynomial circuits. 2005 , | | 2 |
| 659 | On the complexity of nonrecursive XQuery and functional query languages on complex values. 2005 , | | 11 |
| 658 | Better time-space lower bounds for SAT and related problems. | | 2 |
| 657 | 2-Exp Time lower bounds for propositional dynamic logics with intersection. 2005 , 70, 1072-1086 | | 23 |
| 656 | Model-checking hierarchical structures. | | 2 |
| 655 | On the decidability of metric temporal logic. | | 54 |
| 654 | Efficient LTL compilation for SAT-based model checking. | | 11 |

| | | | |
|-----|---|-----|----|
| 653 | NP with small advice. | | 4 |
| 652 | Boolean Web-service automata: a parallel model for distributed Web service operations. | | 1 |
| 651 | Word Problems and Membership Problems on Compressed Words. 2006 , 35, 1210-1240 | | 38 |
| 650 | A note on alternating one-pebble Turing machines with sublogarithmic space. 2006 , 98, 174-176 | | |
| 649 | Typing in reflective combinatory logic. 2006 , 141, 243-256 | | 19 |
| 648 | On complexity of verification of interacting agents behavior. 2006 , 141, 336-362 | | 6 |
| 647 | Model checking propositional dynamic logic with all extras. 2006 , 4, 39-49 | | 39 |
| 646 | Modular strategies for recursive game graphs. <i>Theoretical Computer Science</i> , 2006 , 354, 230-249 | 1.1 | 15 |
| 645 | Deciding Boolean Algebra with Presburger Arithmetic. 2006 , 36, 213-239 | | 42 |
| 644 | Some properties of four-dimensional multicounter automata. 2006 , 10, 166-170 | | |
| 643 | A Note on Non-Closure Property of Sublogarithmic Space-Bounded 1-Inkdot Alternating Pushdown Automata with Only Existential (Universal) States. 2006 , 21, 979-983 | | |
| 642 | On the complexity of the two-variable guarded fragment with transitive guards. 2006 , 204, 1663-1703 | | 7 |
| 641 | On the complexity of nonrecursive XQuery and functional query languages on complex values. 2006 , 31, 1215-1256 | | 19 |
| 640 | Antichains: A New Algorithm for Checking Universality of Finite Automata. <i>Lecture Notes in Computer Science</i> , 2006 , 17-30 | 0.9 | 87 |
| 639 | SYMBOLIC IMPLEMENTATION OF ALTERNATING AUTOMATA. 2007 , 18, 727-743 | | 9 |
| 638 | Analysis of modular arithmetic. 2007 , 29, 29 | | 37 |
| 637 | The complexity of query containment in expressive fragments of XPath 2.0. 2007 , | | 14 |
| 636 | 17 Automata-theoretic techniques for temporal reasoning. 2007 , 3, 971-989 | | 7 |

| | | | |
|-----|--|-----|----|
| 635 | Statecharts in the making. 2007 , | | 12 |
| 634 | Time-Space Tradeoffs for Counting NP Solutions Modulo Integers. 2007 , | | 2 |
| 633 | Incrementally-Updatable Stream Processors for XPath Queries based on Merging Automata via Ordered Hash-keys. 2007 , | | 1 |
| 632 | Complexity results on branching-time pushdown model checking. <i>Theoretical Computer Science</i> , 2007 , 379, 286-297 | 1.1 | 12 |
| 631 | State explosion in almost-sure probabilistic reachability. 2007 , 102, 236-241 | | 13 |
| 630 | The computational complexity of scenario-based agent verification and design. 2007 , 5, 252-276 | | 11 |
| 629 | Inverse monoids: Decidability and complexity of algebraic questions. 2007 , 205, 1212-1234 | | 10 |
| 628 | Propositional dynamic logic with recursive programs. 2007 , 73, 51-69 | | 18 |
| 627 | A note on emptiness for alternating finite automata with a one-letter alphabet. 2007 , 104, 164-167 | | 17 |
| 626 | Weighted hypertree decompositions and optimal query plans. <i>Journal of Computer and System Sciences</i> , 2007 , 73, 475-506 | 1 | 11 |
| 625 | Reachability on prefix-recognizable graphs. 2008 , 108, 71-74 | | 2 |
| 624 | Proof Synthesis and Reflection for Linear Arithmetic. 2008 , 41, 33-59 | | 13 |
| 623 | Deductive verification of alternating systems. 2008 , 20, 507-560 | | 4 |
| 622 | Remarks on the recognizability of topological components by three-dimensional automata. 2008 , 13, 368-372 | | |
| 621 | A relationship between Turing machines and finite automata on four-dimensional input tapes. 2008 , 13, 58-60 | | 0 |
| 620 | Characterizing PSPACE with pointers. 2008 , 54, 323-329 | | 7 |
| 619 | A finite set of functions with an EXPTIME-complete composition problem. <i>Theoretical Computer Science</i> , 2008 , 407, 330-341 | 1.1 | 10 |
| 618 | Soft Linear Logic and Polynomial Complexity Classes. 2008 , 205, 67-87 | | 9 |

| | | | |
|-----|--|-----|----|
| 617 | Deterministic Input-Reversal and Input-Revolving Finite Automata. <i>Lecture Notes in Computer Science</i> , 2008 , 113-124 | 0.9 | 1 |
| 616 | Analysis of dynamic policies. 2008 , 206, 185-212 | | 9 |
| 615 | Constraint Logic: A Uniform Framework for Modeling Computation as Games. 2008 , | | 9 |
| 614 | Computational Complexity of Web Service Composition Based on Behavioral Descriptions. 2008 , | | 3 |
| 613 | WIRELESS MOBILE COMPUTING AND ITS LINKS TO DESCRIPTIVE COMPLEXITY. 2008 , 19, 887-913 | | 1 |
| 612 | TESTING THE DESCRIPTIVE POWER OF SMALL TURING MACHINES ON NONREGULAR LANGUAGE ACCEPTANCE. 2008 , 19, 827-843 | | 19 |
| 611 | Bounds on the automata size for Presburger arithmetic. 2008 , 9, 1-34 | | 12 |
| 610 | Algebrization. 2008 , | | 18 |
| 609 | A logical account of pspace. 2008 , 43, 121-131 | | 4 |
| 608 | A logical account of pspace. 2008 , | | 12 |
| 607 | Flat and one-variable clauses. 2008 , 9, 1-45 | | 1 |
| 606 | An optimal tableau for Right Propositional Neighborhood Logic over Trees. 2008 , | | 1 |
| 605 | The Complexity of CaRet + Chop. 2008 , | | 0 |
| 604 | Chapter 12 Temporal Representation and Reasoning. 2008 , 513-550 | | 7 |
| 603 | Sublogarithmic Space-bounded Multi-inkdot Alternating Pushdown Automata with Only Existential (Universal) States. 2009 , | | |
| 602 | Sup-interpretations, a semantic method for static analysis of program resources. 2009 , 10, 1-31 | | 11 |
| 601 | PSPACE bounds for rank-1 modal logics. 2009 , 10, 1-33 | | 30 |
| 600 | On Models of a Nondeterministic Computation. <i>Lecture Notes in Computer Science</i> , 2009 , 334-345 | 0.9 | 6 |

| | | | |
|-----|--|-----|----|
| 599 | The complexity of query containment in expressive fragments of XPath 2.0. <i>Journal of the ACM</i> , 2009 , 56, 1-48 | 2 | 21 |
| 598 | Alternation as a programming paradigm. 2009 , | | 1 |
| 597 | PDL with intersection and converse: satisfiability and infinite-state model checking. 2009 , 74, 279-314 | | 13 |
| 596 | On input-revolving deterministic and nondeterministic finite automata. 2009 , 207, 1140-1155 | | 10 |
| 595 | CaRet With Forgettable Past. 2009 , 231, 343-361 | | 2 |
| 594 | EXPTIME-complete Decision Problems for Modal and Mixed Specifications. 2009 , 242, 19-33 | | 8 |
| 593 | Polyadic Dynamic Logics for HPSG Parsing. 2009 , 18, 159-198 | | |
| 592 | Hardness of equivalence checking for composed finite-state systems. 2009 , 46, 169-191 | | 4 |
| 591 | Optical computing. 2009 , 215, 1417-1430 | | 15 |
| 590 | Branching-Time Model-Checking of Probabilistic Pushdown Automata. 2009 , 239, 73-83 | | 2 |
| 589 | Descriptive and Computational Complexity of Finite Automata. <i>Lecture Notes in Computer Science</i> , 2009 , 23-42 | 0.9 | 9 |
| 588 | Encyclopedia of Complexity and Systems Science. 2009 , 6388-6407 | | 1 |
| 587 | Graded Computation Tree Logic. 2009 , | | 9 |
| 586 | Classes of Szilard Languages in NC^1 . 2009 , | | 3 |
| 585 | Optimizing Schema Languages for XML: Numerical Constraints and Interleaving. 2009 , 38, 2021-2043 | | 20 |
| 584 | A 2EXPTIME Complete Varietal Membership Problem. 2009 , 38, 2443-2467 | | 4 |
| 583 | Information Tracking in Games on Graphs. 2010 , 19, 395-412 | | 15 |
| 582 | Pushdown module checking. 2010 , 36, 65-95 | | 17 |

| | | |
|-----|--|--------|
| 581 | More concise representation of regular languages by automata and regular expressions. 2010 , 208, 385-394 | 24 |
| 580 | Tractable database design and datalog abduction through bounded treewidth. 2010 , 35, 278-298 | 12 |
| 579 | Group announcement logic. 2010 , 8, 62-81 | 52 |
| 578 | Theory of one-tape linear-time Turing machines. <i>Theoretical Computer Science</i> , 2010 , 411, 22-43 | 1.1 34 |
| 577 | Alternating states for dual nondeterminism in imperative programming. <i>Theoretical Computer Science</i> , 2010 , 411, 2317-2330 | 1.1 3 |
| 576 | Fixed point guided abstraction refinement for alternating automata. <i>Theoretical Computer Science</i> , 2010 , 411, 3444-3459 | 1.1 1 |
| 575 | Conformant plans and beyond: Principles and complexity. 2010 , 174, 245-269 | 7 |
| 574 | Modal and mixed specifications: key decision problems and their complexities. 2010 , 20, 75-103 | 5 |
| 573 | ON ALTERNATING PHRASE-STRUCTURE GRAMMARS. 2010 , 21, 1-25 | 1 |
| 572 | COMPRESSED MEMBERSHIP PROBLEMS FOR REGULAR EXPRESSIONS AND HIERARCHICAL AUTOMATA. 2010 , 21, 817-841 | 4 |
| 571 | Undecidability and intractability results concerning datalog programs and their persistency numbers. 2010 , 11, 1-29 | |
| 570 | The power of tree projections. 2010 , | 9 |
| 569 | Alternating Timed Automata over Bounded Time. 2010 , | 5 |
| 568 | Reaching and Distinguishing States of Distributed Systems. 2010 , 39, 3480-3500 | 15 |
| 567 | Static analysis of deadends in SVA constraints. 2010 , | |
| 566 | Counting LTL. 2010 , | 16 |
| 565 | On the Complexity of Szilard Languages of Matrix Grammars. 2011 , | 1 |
| 564 | The Complexity of Quantitative Information Flow Problems. 2011 , | 7 |

563 References. **2011**, 321-347

562 Random Walks and Rapid Mixing. **2011**, 563-650

0

561 On the computational complexity of behavioral description-based web service composition. *Theoretical Computer Science*, **2011**, 412, 6736-6749

1.1 8

560 Coalgebraic semantics of modal logics: An overview. *Theoretical Computer Science*, **2011**, 412, 5070-5094

1.1 25

559 Hardness of preorder checking for basic formalisms. *Theoretical Computer Science*, **2011**, 412, 6795-6808

1.1

558 Descriptive and computational complexity of finite automata: A survey. **2011**, 209, 456-470

88

557 Fixpoint Logics over Hierarchical Structures. *Theory of Computing Systems*, **2011**, 48, 93-131

0.6 3

556 Complexity of Equations over Sets of Natural Numbers. *Theory of Computing Systems*, **2011**, 48, 319-342

0.6 18

555 A logic for reasoning about counterfactual emotions. **2011**, 175, 814-847

33

554 P-hardness of the emptiness problem for visibly pushdown languages. **2011**, 111, 338-341

4

553 Quasi-interpretations a way to control resources. *Theoretical Computer Science*, **2011**, 412, 2776-2796

1.1 33

552 Logic of infons. **2011**, 12, 1-28

19

551 Modular algorithms for heterogeneous modal logics via multi-sorted coalgebra. **2011**, 21, 235-266

13

550 Automatic structures of bounded degree revisited. **2011**, 76, 1352-1380

6

549 Towards nominal computation. **2012**,

19

548 A logical basis for constructive systems. *Journal of Logic and Computation*, **2012**, 22, 605-642

0.4 5

547 An Implicit Characterization of PSPACE. **2012**, 13, 1-36

6

546 Towards nominal computation. **2012**, 47, 401-412

3

| | | | | |
|-----|--|-----|--|----|
| 545 | Deciding the word problem in pure double Boolean algebras. 2012 , 10, 260-273 | | | 3 |
| 544 | LTL over description logic axioms. 2012 , 13, 1-32 | | | 40 |
| 543 | Towards more expressive ontology languages: The query answering problem. 2012 , 193, 87-128 | | | 92 |
| 542 | On the Complexity of Finding Narrow Proofs. 2012 , | | | 5 |
| 541 | An alternating hierarchy for finite automata. <i>Theoretical Computer Science</i> , 2012 , 445, 1-24 | 1.1 | | 13 |
| 540 | Computational Complexity. 2012 , 298-311 | | | 2 |
| 539 | The dag-width of directed graphs. 2012 , 102, 900-923 | | | 40 |
| 538 | Entanglement and the complexity of directed graphs. <i>Theoretical Computer Science</i> , 2012 , 463, 2-25 | 1.1 | | 26 |
| 537 | Two-Way Automata Making Choices Only at the Endmarkers. <i>Lecture Notes in Computer Science</i> , 2012 , 264-276 | 0.9 | | 4 |
| 536 | Computation as an unbounded process. <i>Theoretical Computer Science</i> , 2012 , 429, 202-212 | 1.1 | | 23 |
| 535 | Model-checking hierarchical structures. <i>Journal of Computer and System Sciences</i> , 2012 , 78, 461-490 | 1 | | 6 |
| 534 | A dynamic deontic logic for complex contracts. 2012 , 81, 458-490 | | | 34 |
| 533 | Conjunctive grammars and alternating pushdown automata. 2013 , 50, 175-197 | | | 6 |
| 532 | Behavioural description based web service composition using abstraction and refinement. 2013 , 9, 54 | | | 1 |
| 531 | A survey of timed automata for the development of real-time systems. 2013 , 9, 1-26 | | | 26 |
| 530 | On the Complexity of Free Word Orders. <i>Lecture Notes in Computer Science</i> , 2013 , 209-224 | 0.9 | | 1 |
| 529 | Isomorphism of regular trees and words. 2013 , 224, 71-105 | | | 9 |
| 528 | Alternation-Trading Proofs, Linear Programming, and Lower Bounds. 2013 , 5, 1-49 | | | 3 |

| | | | |
|-----|--|---|----|
| 527 | . 2013 , | | 14 |
| 526 | Limits on the computational power of random strings. 2013 , 222, 80-92 | | 9 |
| 525 | The covering and boundedness problems for branching vector addition systems. <i>Journal of Computer and System Sciences</i> , 2013 , 79, 23-38 | 1 | 20 |
| 524 | Inductive data flow graphs. 2013 , | | 31 |
| 523 | Complexities of Horn Description Logics. 2013 , 14, 1-36 | | 20 |
| 522 | Agents that look at one another. 2013 , 21, 438-467 | | 12 |
| 521 | UNARY CODED NP-COMPLETE LANGUAGES IN ASPACE($\log \log n$). 2013 , 24, 1167-1182 | | 6 |
| 520 | Simultaneous Finite Automata: An Efficient Data-Parallel Model for Regular Expression Matching. 2013 , | | 7 |
| 519 | Inductive data flow graphs. 2013 , 48, 129-142 | | 12 |
| 518 | Bibliography. 2013 , 453-473 | | |
| 517 | On Computable Numbers, with an Application to the Entscheidungsproblem \square Correction. 2013 , 13-115 | | 1 |
| 516 | References. 2014 , 458-479 | | |
| 515 | Turing and the development of computational complexity. 299-328 | | |
| 514 | LINEAR CONJUNCTIVE GRAMMARS AND ONE-TURN SYNCHRONIZED ALTERNATING PUSHDOWN AUTOMATA. 2014 , 25, 781-802 | | 2 |
| 513 | LoCo \square Logic for Configuration Problems. 2014 , 15, 1-25 | | 2 |
| 512 | Efficient and Dynamic Algorithms for Alternating \square Games and Maximal End-Component Decomposition. <i>Journal of the ACM</i> , 2014 , 61, 1-40 | 2 | 28 |
| 511 | Computational Complexity. 2014 , 9, 495-521 | | |
| 510 | Remarks on Four-Dimensional Probabilistic Finite Automata. 2014 , | | |

| | | | | |
|-----|--|-----|--|----|
| 509 | On the Hoare theory of monadic recursion schemes. 2014 , | | | 4 |
| 508 | Two-way automata making choices only at the endmarkers. 2014 , 239, 71-86 | | | 4 |
| 507 | An AC 1-complete model checking problem for intuitionistic logic. 2014 , 23, 637-669 | | | 3 |
| 506 | Visibly rational expressions. 2014 , 51, 25-49 | | | 4 |
| 505 | Lower Bounds Against Weakly-Uniform Threshold Circuits. 2014 , 70, 47-75 | | | |
| 504 | A note on the emptiness problem for alternating finite-memory automata. <i>Theoretical Computer Science</i> , 2014 , 526, 97-107 | 1.1 | | 1 |
| 503 | On some derivation mechanisms and the complexity of their Szilard languages. <i>Theoretical Computer Science</i> , 2014 , 537, 87-96 | 1.1 | | 5 |
| 502 | Algebras for correctness of sequential computations. 2014 , 85, 224-240 | | | 6 |
| 501 | Branching-time model-checking of probabilistic pushdown automata. <i>Journal of Computer and System Sciences</i> , 2014 , 80, 139-156 | 1 | | 4 |
| 500 | The complexity of online manipulation of sequential elections. <i>Journal of Computer and System Sciences</i> , 2014 , 80, 697-710 | 1 | | 12 |
| 499 | SAFE RECURSIVE SET FUNCTIONS. 2015 , 80, 730-762 | | | 5 |
| 498 | Proof Spaces for Unbounded Parallelism. 2015 , 50, 407-420 | | | 7 |
| 497 | Imaging medical imaging. 2015 , | | | |
| 496 | The Model Checking Fingerprints of CTL Operators. 2015 , | | | 2 |
| 495 | The Complexity of Debate Checking. <i>Theory of Computing Systems</i> , 2015 , 57, 36-80 | 0.6 | | 4 |
| 494 | Looking at mean-payoff and total-payoff through windows. 2015 , 242, 25-52 | | | 12 |
| 493 | Uniform strategies, rational relations and jumping automata. 2015 , 242, 80-107 | | | 5 |
| 492 | Synthesis of succinct systems. <i>Journal of Computer and System Sciences</i> , 2015 , 81, 1171-1193 | 1 | | 3 |

| | | | |
|-----|---|-----|----|
| 491 | Trace semantics via determinization. <i>Journal of Computer and System Sciences</i> , 2015 , 81, 859-879 | 1 | 24 |
| 490 | Bounded model checking of strategy ability with perfect recall. 2015 , 222, 182-200 | | 5 |
| 489 | Proof Spaces for Unbounded Parallelism. 2015 , | | 15 |
| 488 | Nonelementary Complexities for Branching VASS, MELL, and Extensions. 2015 , 16, 1-30 | | 11 |
| 487 | Computational Complexity Via Finite Types. 2015 , 16, 1-25 | | 2 |
| 486 | Tokenit: Designing State-Driven Embedded Systems through Tokenized Transitions. 2015 , | | |
| 485 | The complexity of one-agent refinement modal logic. <i>Theoretical Computer Science</i> , 2015 , 603, 58-83 | 1.1 | 6 |
| 484 | Transformation from PLTL to automata via NFGs. 2015 , 29, 406-417 | | 0 |
| 483 | Proving Liveness of Parameterized Programs. 2016 , | | 16 |
| 482 | Quantum alternation. 2016 , 37, 637-649 | | |
| 481 | Two function algebras defining functions in NCK boolean circuits. 2016 , 248, 82-103 | | 2 |
| 480 | Debates with Small Transparent Quantum Verifiers. 2016 , 27, 283-300 | | 4 |
| 479 | Max Euwe's Set-Theoretic Observations on the Game of Chess [Introductory Notes]. 2016 , 12, 21-28 | | 1 |
| 478 | Bounded situation calculus action theories. 2016 , 237, 172-203 | | 8 |
| 477 | A logic of sights. <i>Journal of Logic and Computation</i> , 2016 , exv077 | 0.4 | 1 |
| 476 | From Traces to Proofs: Proving Concurrent Programs Safe. 2016 , | | |
| 475 | New Results on the Minimum Amount of Useful Space. 2016 , 27, 259-281 | | 6 |
| 474 | LR(0) conjunctive grammars and deterministic synchronized alternating pushdown automata. <i>Journal of Computer and System Sciences</i> , 2016 , 82, 1329-1359 | 1 | 6 |

| | | | |
|-----|---|-----|----|
| 473 | Hypersequent rules with restricted contexts for propositional modal logics. <i>Theoretical Computer Science</i> , 2016 , 656, 76-105 | 1.1 | 10 |
| 472 | Deciding Unifiability and Computing Local Unifiers in the Description Logic EL without Top Constructor. 2016 , 57, | | 1 |
| 471 | Grafting hypersequents onto nested sequents. 2016 , 24, 375-423 | | 8 |
| 470 | On the parallel computation thesis. 2016 , 24, 346-374 | | 3 |
| 469 | Description logics of context. <i>Journal of Logic and Computation</i> , 2016 , 26, 817-854 | 0.4 | 7 |
| 468 | Implementing Courcelle's Theorem in a declarative framework for dynamic programming. <i>Journal of Logic and Computation</i> , 2016 , exv089 | 0.4 | |
| 467 | The Hoare Logic of Deterministic and Nondeterministic Monadic Recursion Schemes. 2016 , 17, 1-30 | | 2 |
| 466 | A rewriting framework and logic for activities subject to regulations. 2017 , 27, 332-375 | | 12 |
| 465 | Kleisli, Parikh and Peleg compositions and liftings for multirelations. <i>Journal of Logical and Algebraic Methods in Programming</i> , 2017 , 90, 84-101 | 1 | 2 |
| 464 | Unary Coded PSPACE-Complete Languages in ASPACE(loglog n). <i>Lecture Notes in Computer Science</i> , 2017 , 141-153 | 0.9 | 1 |
| 463 | The complexity of controlling candidate-sequential elections. <i>Theoretical Computer Science</i> , 2017 , 678, 14-21 | 1.1 | 8 |
| 462 | Alternating space is closed under complement and other simulations for sublogarithmic space. 2017 , 253, 163-178 | | 4 |
| 461 | Greedy strategies and larger islands of tractability for conjunctive queries and constraint satisfaction problems. 2017 , 252, 201-220 | | 8 |
| 460 | Deciding parity games in quasipolynomial time. 2017 , | | 54 |
| 459 | Fuzzy alternating Büchi automata over distributive lattices. 2017 , 90, 144-162 | | 4 |
| 458 | Satisfiability of Compositional Separation Logic with Tree Predicates and Data Constraints. <i>Lecture Notes in Computer Science</i> , 2017 , 509-527 | 0.9 | 3 |
| 457 | Attributed Description Logics: Ontologies for Knowledge Graphs. <i>Lecture Notes in Computer Science</i> , 2017 , 418-435 | 0.9 | 1 |
| 456 | The Power of Local Consistency in Conjunctive Queries and Constraint Satisfaction Problems. 2017 , 46, 1111-1145 | | 8 |

| | | | |
|-----|--|-----|----|
| 455 | The complexity of online voter control in sequential elections. 2017 , 31, 1055-1076 | | 8 |
| 454 | Games for Active XML Revisited. <i>Theory of Computing Systems</i> , 2017 , 61, 84-155 | 0.6 | |
| 453 | Intersection type calculi of bounded dimension. 2017 , 52, 653-665 | | |
| 452 | Emptiness of Ordered Multi-Pushdown Automata is 2ETIME-Complete. 2017 , 28, 945-975 | | 4 |
| 451 | Finite Satisfiability of the Two-Variable Guarded Fragment with Transitive Guards and Related Variants. 2018 , 19, 1-34 | | 3 |
| 450 | Complexity of Propositional Logics in Team Semantic. 2018 , 19, 1-14 | | 12 |
| 449 | Quirky Quantifiers: Optimal Models and Complexity of Computation Tree Logic. 2018 , 29, 17-61 | | 1 |
| 448 | Conjunctive query containment over trees using schema information. 2018 , 55, 17-56 | | 2 |
| 447 | On the descriptonal complexity of stateless deterministic ordered restarting automata. 2018 , 259, 277-302 | | 3 |
| 446 | Fuzzy alternating automata over distributive lattices. 2018 , 425, 34-47 | | 3 |
| 445 | The State Complexity of Alternating Automata. 2018 , | | 1 |
| 444 | Iterated Covariant Powerset is not a Monad. 2018 , 341, 261-276 | | 12 |
| 443 | Optical Computing. 2018 , 57-81 | | |
| 442 | Probabilism versus Alternation for Automata. <i>Lecture Notes in Computer Science</i> , 2018 , 113-126 | 0.9 | 1 |
| 441 | Closest Substring Problems for Regular Languages. <i>Lecture Notes in Computer Science</i> , 2018 , 392-403 | 0.9 | |
| 440 | Automata Theory and Model Checking. 2018 , 107-151 | | 12 |
| 439 | Alternating weighted automata over commutative semirings. <i>Theoretical Computer Science</i> , 2018 , 740, 1-27 | 1.1 | 7 |
| 438 | Operations on Boolean and Alternating Finite Automata. <i>Lecture Notes in Computer Science</i> , 2018 , 181-193 | | 2 |

| | | | |
|-----|---|-----|----|
| 437 | A survival guide to presburger arithmetic. 2018 , 5, 67-82 | | 19 |
| 436 | On the Complexity of CCG Parsing. 2018 , 44, 447-482 | | 4 |
| 435 | On the complexity of the quantified bit-vector arithmetic with binary encoding. 2018 , 135, 57-61 | | |
| 434 | Consensus Game Acceptors and Iterated Transductions. 2018 , 29, 165-185 | | 1 |
| 433 | . 2019 , | | 5 |
| 432 | Reasoning about Cognitive Trust in Stochastic Multiagent Systems. 2019 , 20, 1-64 | | 9 |
| 431 | State complexity characterizations of parameterized degree-bounded graph connectivity, sub-linear space computation, and the linear space hypothesis. <i>Theoretical Computer Science</i> , 2019 , 798, 2-22 | 1.1 | 5 |
| 430 | Attacking Diophantus. 2019 , | | 4 |
| 429 | First-Order vs. Second-Order Encodings for (textsc {ltl}_f)-to-Automata Translation. <i>Lecture Notes in Computer Science</i> , 2019 , 684-705 | 0.9 | 6 |
| 428 | Modular quantitative monitoring. 2019 , 3, 1-31 | | 11 |
| 427 | Adventures in monitorability: from branching to linear time and back again. 2019 , 3, 1-29 | | 24 |
| 426 | Query inseparability for ALC ontologies. 2019 , 272, 1-51 | | 3 |
| 425 | Undecidability of Intersection Type Inhabitation at Rank 3 and its Formalization. 2019 , 170, 93-110 | | |
| 424 | An Automata-Theoretic Approach to L-valued Computation Tree Logic Model Checking. 2019 , 28, 309-315 | | |
| 423 | On Online Hate Speech Detection. Effects of Negated Data Construction. 2019 , | | 1 |
| 422 | The model checking fingerprints of CTL operators. 2019 , 56, 487-519 | | 0 |
| 421 | The complexity of synchronizing Markov decision processes. <i>Journal of Computer and System Sciences</i> , 2019 , 100, 96-129 | 1 | 3 |
| 420 | Unary Coded PSPACE-Complete Languages in ASPACE(loglog n). <i>Theory of Computing Systems</i> , 2019 , 63, 688-714 | 0.6 | 1 |

| | | | |
|-----|---|-----|---|
| 419 | Model checking open systems with alternating projection temporal logic. <i>Theoretical Computer Science</i> , 2019 , 774, 65-81 | 1.1 | 1 |
| 418 | Model checking of pushdown systems for projection temporal logic. <i>Theoretical Computer Science</i> , 2019 , 774, 82-94 | 1.1 | 0 |
| 417 | Monadic Datalog, Tree Validity, and Limited Access Containment. 2020 , 21, 1-45 | | 1 |
| 416 | Model checking interval temporal logics with regular expressions. 2020 , 272, 104498 | | 4 |
| 415 | Alternating-time temporal logics with linear past. <i>Theoretical Computer Science</i> , 2020 , 813, 199-217 | 1.1 | 2 |
| 414 | Modal deontic reasoning using specificity: a proof theoretic approach. 2020 , 29, 351 | | 0 |
| 413 | Hardness of Approximation for Langton's Ant on a Twisted Torus. 2020 , 13, 344 | | 1 |
| 412 | Solving a PSPACE-complete problem with cP systems. 2020 , 2, 311-322 | | 4 |
| 411 | Cut elimination and complexity bounds for intuitionistic epistemic logic. <i>Journal of Logic and Computation</i> , 2020 , 30, 281-294 | 0.4 | 1 |
| 410 | On the efficiency of normal form systems for representing Boolean functions. <i>Theoretical Computer Science</i> , 2020 , 813, 341-361 | 1.1 | |
| 409 | Deciding Parity Games in Quasi-polynomial Time. 2020 , STOC17-152-STOC17-188 | | 2 |
| 408 | From QBFs to MALL and Back via Focussing. 2020 , 64, 1221-1245 | | |
| 407 | Lower bounds for the state complexity of probabilistic languages and the language of prime numbers. <i>Journal of Logic and Computation</i> , 2020 , 30, 175-192 | 0.4 | |
| 406 | Complement for two-way alternating automata. 2021 , 58, 463-495 | | 3 |
| 405 | Closest substring problems for regular languages. <i>Theoretical Computer Science</i> , 2021 , 862, 144-154 | 1.1 | |
| 404 | Positive Announcements. 2021 , 109, 639-681 | | 4 |
| 403 | Linear-bounded composition of tree-walking tree transducers: linear size increase and complexity. 2021 , 58, 95-152 | | 0 |
| 402 | Exploiting Forwardness: Satisfiability and Query-Entailment in Forward Guarded Fragment. <i>Lecture Notes in Computer Science</i> , 2021 , 179-193 | 0.9 | |

| | | | |
|-----|---|-----|-----|
| 401 | Alternation in two-way finite automata. <i>Theoretical Computer Science</i> , 2021 , 870, 75-102 | 1.1 | 2 |
| 400 | Finite Model Theory of the Triguarded Fragment and Related Logics. 2021 , | | 1 |
| 399 | Living without Beth and Craig: Definitions and Interpolants in the Guarded and Two-Variable Fragments. 2021 , | | 1 |
| 398 | Symbolic Boolean derivatives for efficiently solving extended regular expression constraints. 2021 , | | 2 |
| 397 | Towards a more efficient approach for the satisfiability of two-variable logic. 2021 , | | |
| 396 | On the Power of Automata Minimization in Reactive Synthesis. <i>Electronic Proceedings in Theoretical Computer Science, EPTCS</i> , 346, 117-134 | | 2 |
| 395 | A Nivat Theorem for Weighted Alternating Automata over Commutative Semirings. <i>Electronic Proceedings in Theoretical Computer Science, EPTCS</i> , 346, 241-257 | | |
| 394 | EXPSpace-Completeness of the Logics $K4 \text{ B5}$ and $S4 \text{ B5}$ and the Logic of Subset Spaces. 2021 , 22, 1-71 | | 1 |
| 393 | Clocked population protocols. <i>Journal of Computer and System Sciences</i> , 2021 , 121, 34-48 | 1 | |
| 392 | Limits on the Provable Consequences of One-way Permutations. <i>Lecture Notes in Computer Science</i> , 1990 , 8-26 | 0.9 | 46 |
| 391 | Decision Procedures for Inductive Boolean Functions Based on Alternating Automata. <i>Lecture Notes in Computer Science</i> , 2000 , 170-185 | 0.9 | 3 |
| 390 | On the Power of Unambiguity in Alternating Machines. <i>Lecture Notes in Computer Science</i> , 2005 , 125-136. | 0.9 | 3 |
| 389 | The Complexity of Model Checking Higher Order Fixpoint Logic. <i>Lecture Notes in Computer Science</i> , 2005 , 640-651 | 0.9 | 2 |
| 388 | Inverse Monoids: Decidability and Complexity of Algebraic Questions. <i>Lecture Notes in Computer Science</i> , 2005 , 664-675 | 0.9 | 3 |
| 387 | Pushdown Module Checking. <i>Lecture Notes in Computer Science</i> , 2005 , 504-518 | 0.9 | 10 |
| 386 | PSL Model Checking and Run-Time Verification Via Testers. <i>Lecture Notes in Computer Science</i> , 2006 , 573-586 | 0.9 | 111 |
| 385 | Finding Shortest Witnesses to the Nonemptiness of Automata on Infinite Words. <i>Lecture Notes in Computer Science</i> , 2006 , 492-508 | 0.9 | 8 |
| 384 | HBAC: A Model for History-Based Access Control and Its Model Checking. <i>Lecture Notes in Computer Science</i> , 2006 , 263-278 | 0.9 | 8 |

| | | | |
|-----|--|-----|----|
| 383 | Algorithms for Omega-Regular Games with Imperfect Information. <i>Lecture Notes in Computer Science</i> , 2006 , 287-302 | 0.9 | 45 |
| 382 | Infinite State Model-Checking of Propositional Dynamic Logics. <i>Lecture Notes in Computer Science</i> , 2006 , 349-364 | 0.9 | 3 |
| 381 | Efficient Algorithms for Alternating Pushdown Systems with an Application to the Computation of Certificate Chains. <i>Lecture Notes in Computer Science</i> , 2006 , 141-153 | 0.9 | 15 |
| 380 | A Characterization of Alternating Log Time by First Order Functional Programs. <i>Lecture Notes in Computer Science</i> , 2006 , 90-104 | 0.9 | 3 |
| 379 | Deterministic Dynamic Monitors for Linear-Time Assertions. <i>Lecture Notes in Computer Science</i> , 2006 , 163-177 | 0.9 | 11 |
| 378 | Alternating multihead finite automata. <i>Lecture Notes in Computer Science</i> , 1981 , 506-520 | 0.9 | 8 |
| 377 | Propositional logics of programs: New directions. <i>Lecture Notes in Computer Science</i> , 1983 , 347-359 | 0.9 | 10 |
| 376 | Alternating tree automata. <i>Lecture Notes in Computer Science</i> , 1983 , 392-404 | 0.9 | 3 |
| 375 | Rudimentary relations and Turing machines with linear alternation. <i>Lecture Notes in Computer Science</i> , 1984 , 131-136 | 0.9 | 1 |
| 374 | A new characterization of BPP. <i>Lecture Notes in Computer Science</i> , 1984 , 179-187 | 0.9 | 2 |
| 373 | From domino tilings to a new model of computation. <i>Lecture Notes in Computer Science</i> , 1985 , 24-33 | 0.9 | 3 |
| 372 | Logspace hierarchies, polynomial time and the complexity of fairness problems concerning Emachines. <i>Lecture Notes in Computer Science</i> , 1986 , 306-320 | 0.9 | 2 |
| 371 | On sparse oracles separating feasible complexity classes. <i>Lecture Notes in Computer Science</i> , 1986 , 321-333 | 0.9 | 11 |
| 370 | Parallel computation with threshold functions. <i>Lecture Notes in Computer Science</i> , 1986 , 272-290 | 0.9 | 9 |
| 369 | Relativized alternation. <i>Lecture Notes in Computer Science</i> , 1986 , 66-76 | 0.9 | 5 |
| 368 | Probabilistic game automata. <i>Lecture Notes in Computer Science</i> , 1986 , 144-162 | 0.9 | 8 |
| 367 | Decompositions of nondeterministic reductions. <i>Lecture Notes in Computer Science</i> , 1986 , 206-214 | 0.9 | 3 |
| 366 | On the complexity of deciding fair termination of probabilistic concurrent finite-state programs. <i>Lecture Notes in Computer Science</i> , 1986 , 334-343 | 0.9 | 2 |

| | | | |
|-----|---|-----|----|
| 365 | Logic programming and parallel complexity. <i>Lecture Notes in Computer Science</i> , 1986 , 1-30 | 0.9 | 3 |
| 364 | The logarithmic alternation hierarchy collapses: $(A\Sigma_2^L = A\Pi_2^L)$. <i>Lecture Notes in Computer Science</i> , 1987 , 531-541 | 0.9 | 4 |
| 363 | On the computing power of one-way cellular arrays. <i>Lecture Notes in Computer Science</i> , 1987 , 550-562 | 0.9 | 3 |
| 362 | On the capabilities of alternating and nondeterministic multitape automata. <i>Lecture Notes in Computer Science</i> , 1987 , 150-154 | 0.9 | 2 |
| 361 | Efficient algorithms on context-free graph languages. <i>Lecture Notes in Computer Science</i> , 1988 , 362-378 | 0.9 | 23 |
| 360 | Supernondeterministic Finite Automata. <i>Lecture Notes in Computer Science</i> , 2002 , 274-288 | 0.9 | 1 |
| 359 | The Two-Variable Guarded Fragment with Transitive Guards Is 2EXPTIME-Hard. <i>Lecture Notes in Computer Science</i> , 2003 , 299-312 | 0.9 | 12 |
| 358 | Model Checking CTL Properties of Pushdown Systems. <i>Lecture Notes in Computer Science</i> , 2000 , 127-138 | 0.9 | 34 |
| 357 | An Automata-Based Recognition Algorithm for Semi-extended Regular Expressions. <i>Lecture Notes in Computer Science</i> , 2000 , 699-708 | 0.9 | 12 |
| 356 | The Control of Synchronous Systems. <i>Lecture Notes in Computer Science</i> , 2000 , 458-473 | 0.9 | 13 |
| 355 | Open Systems in Reactive Environments: Control and Synthesis. <i>Lecture Notes in Computer Science</i> , 2000 , 92-107 | 0.9 | 41 |
| 354 | Extended Temporal Logic Revisited. <i>Lecture Notes in Computer Science</i> , 2001 , 519-535 | 0.9 | 28 |
| 353 | Testing Extended Regular Language Membership Incrementally by Rewriting. <i>Lecture Notes in Computer Science</i> , 2003 , 499-514 | 0.9 | 15 |
| 352 | Complexity Theory Made Easy. <i>Lecture Notes in Computer Science</i> , 2003 , 95-110 | 0.9 | 1 |
| 351 | Alternating the Temporal Picture for Safety. <i>Lecture Notes in Computer Science</i> , 2000 , 429-450 | 0.9 | 5 |
| 350 | CTL+ Is Complete for Double Exponential Time. <i>Lecture Notes in Computer Science</i> , 2003 , 767-775 | 0.9 | 7 |
| 349 | On Lexicographic Termination Ordering with Space Bound Certifications. <i>Lecture Notes in Computer Science</i> , 2001 , 482-493 | 0.9 | 16 |
| 348 | Model Checking Linear Properties of Prefix-Recognizable Systems. <i>Lecture Notes in Computer Science</i> , 2002 , 371-385 | 0.9 | 11 |

| | | | |
|-----|---|-----|----|
| 347 | On Game-Theoretic Models of Networks. <i>Lecture Notes in Computer Science</i> , 2001 , 550-561 | 0.9 | 6 |
| 346 | Two-Way Finite State Transducers with Nested Pebbles. <i>Lecture Notes in Computer Science</i> , 2002 , 234-244. | 0.9 | 1 |
| 345 | Local Model Checking Games for Fixed Point Logic with Chop. <i>Lecture Notes in Computer Science</i> , 2002 , 240-254 | 0.9 | 7 |
| 344 | EXPSpace-Complete Variant of Guarded Fragment with Transitivity. <i>Lecture Notes in Computer Science</i> , 2002 , 608-619 | 0.9 | 6 |
| 343 | Model Checking Fixed Point Logic with Chop. <i>Lecture Notes in Computer Science</i> , 2002 , 250-263 | 0.9 | 10 |
| 342 | View-Based Query Answering and Query Containment over Semistructured Data. <i>Lecture Notes in Computer Science</i> , 2002 , 40-61 | 0.9 | 11 |
| 341 | The State Explosion Problem from Trace to Bisimulation Equivalence. <i>Lecture Notes in Computer Science</i> , 2000 , 192-207 | 0.9 | 22 |
| 340 | Model Checking Games for the Alternation-Free μ -Calculus and Alternating Automata. <i>Lecture Notes in Computer Science</i> , 1999 , 77-91 | 0.9 | 8 |
| 339 | Infinite Relations in Paraconsistent Databases. <i>Lecture Notes in Computer Science</i> , 1999 , 275-287 | 0.9 | 2 |
| 338 | Finite Automata with Generalized Acceptance Criteria. <i>Lecture Notes in Computer Science</i> , 1999 , 605-614. | 0.9 | 1 |
| 337 | Model Checking of Safety Properties. <i>Lecture Notes in Computer Science</i> , 1999 , 172-183 | 0.9 | 61 |
| 336 | The Weakness of Self-Complementation. <i>Lecture Notes in Computer Science</i> , 1999 , 455-466 | 0.9 | 4 |
| 335 | Alternating-time Temporal Logic. <i>Lecture Notes in Computer Science</i> , 1998 , 23-60 | 0.9 | 40 |
| 334 | On the complexity of queries in the logical data model. <i>Lecture Notes in Computer Science</i> , 1983 , 267-280. | 0.9 | 5 |
| 333 | Hypothetical datalog: Complexity and expressibility. <i>Lecture Notes in Computer Science</i> , 1983 , 144-160 | 0.9 | 4 |
| 332 | On the power of cooperative concurrency. <i>Lecture Notes in Computer Science</i> , 1988 , 74-103 | 0.9 | 13 |
| 331 | Non-uniform proof systems: A new framework to describe non-uniform and probabilistic complexity classes. <i>Lecture Notes in Computer Science</i> , 1988 , 193-210 | 0.9 | 8 |
| 330 | Succinct representations of counting problems. <i>Lecture Notes in Computer Science</i> , 1989 , 415-426 | 0.9 | 3 |

| | | | |
|-----|--|-----|-----|
| 329 | A thesis for bounded concurrency. <i>Lecture Notes in Computer Science</i> , 1989 , 35-48 | 0.9 | 5 |
| 328 | On the power of synchronization in parallel computations. <i>Lecture Notes in Computer Science</i> , 1989 , 196-206 | 0.9 | 10 |
| 327 | The complexity of graph problems for succinctly represented graphs. <i>Lecture Notes in Computer Science</i> , 1990 , 277-286 | 0.9 | 15 |
| 326 | On the power of bounded concurrency II: The pushdown automata level. <i>Lecture Notes in Computer Science</i> , 1990 , 1-17 | 0.9 | 4 |
| 325 | The expressibility of nondeterministic auxiliary stack automata and its relation to treesize bounded alternating auxiliary pushdown automata. <i>Lecture Notes in Computer Science</i> , 1990 , 104-114 | 0.9 | 1 |
| 324 | On space-bounded synchronized alternating turing machines. <i>Lecture Notes in Computer Science</i> , 1991 , 248-257 | 0.9 | 2 |
| 323 | Locally definable acceptance types for polynomial time machines. <i>Lecture Notes in Computer Science</i> , 1992 , 199-207 | 0.9 | 13 |
| 322 | Nontraditional applications of automata theory. <i>Lecture Notes in Computer Science</i> , 1994 , 575-597 | 0.9 | 38 |
| 321 | The complexity of propositional modal theories and the complexity of consistency of propositional modal theories. <i>Lecture Notes in Computer Science</i> , 1994 , 69-80 | 0.9 | 5 |
| 320 | An automata-theoretic approach to fair realizability and synthesis. <i>Lecture Notes in Computer Science</i> , 1995 , 267-278 | 0.9 | 31 |
| 319 | Augmenting branching temporal logics with existential quantification over atomic propositions. <i>Lecture Notes in Computer Science</i> , 1995 , 325-338 | 0.9 | 9 |
| 318 | Characterizing parallel time by type 2 recursions with polynomial output length. <i>Lecture Notes in Computer Science</i> , 1995 , 253-268 | 0.9 | 4 |
| 317 | Strong optimal lower bounds for Turing machines that accept nonregular languages. <i>Lecture Notes in Computer Science</i> , 1995 , 309-318 | 0.9 | 9 |
| 316 | An automata-theoretic approach to linear temporal logic. <i>Lecture Notes in Computer Science</i> , 1996 , 238-266 | 0.9 | 237 |
| 315 | Pushdown processes: Games and model checking. <i>Lecture Notes in Computer Science</i> , 1996 , 62-74 | 0.9 | 76 |
| 314 | On homeostatic behavior of dynamic deductive data bases. <i>Lecture Notes in Computer Science</i> , 1996 , 420-432 | 0.9 | 5 |
| 313 | Alternating automata: Unifying truth and validity checking for temporal logics. <i>Lecture Notes in Computer Science</i> , 1997 , 191-206 | 0.9 | 17 |
| 312 | On the complexity of verifying concurrent transition systems. <i>Lecture Notes in Computer Science</i> , 1997 , 258-272 | 0.9 | 12 |

| | | | |
|-----|---|-----|----|
| 311 | Discrete-time control for rectangular hybrid automata. <i>Lecture Notes in Computer Science</i> , 1997 , 582-593. | 0.9 | 21 |
| 310 | Encyclopedia of Complexity and Systems Science. 2009 , 741-755 | | 2 |
| 309 | State Complexity of Regular Languages: Finite versus Infinite. 2000 , 53-73 | | 3 |
| 308 | Computing with Sublogarithmic Space. 1997 , 197-224 | | 2 |
| 307 | 01 Laws for Fragments of Second-Order Logic: An Overview. 1992 , 265-286 | | 6 |
| 306 | Measure One Results in Computational Complexity Theory. 1997 , 285-312 | | 4 |
| 305 | Computational Complexity. 2012 , 2138-2156 | | 1 |
| 304 | The Complexity of Algorithmic Problems on Succinct Instances. 1992 , 351-377 | | 19 |
| 303 | The Dynamic Tree Expression Problem. 1988 , 157-179 | | 2 |
| 302 | Complexity Results on Register Context-Free Grammars and Register Tree Automata. <i>Lecture Notes in Computer Science</i> , 2018 , 415-434 | 0.9 | 7 |
| 301 | Temporally Attributed Description Logics. <i>Lecture Notes in Computer Science</i> , 2019 , 441-474 | 0.9 | 2 |
| 300 | The Cost of Monitoring Alone. <i>Lecture Notes in Computer Science</i> , 2019 , 259-275 | 0.9 | 1 |
| 299 | Looking at Mean-Payoff and Total-Payoff through Windows. <i>Lecture Notes in Computer Science</i> , 2013 , 118-132 | 0.9 | 7 |
| 298 | The Minimum Amount of Useful Space: New Results and New Directions. <i>Lecture Notes in Computer Science</i> , 2014 , 315-326 | 0.9 | 1 |
| 297 | The D-FLAT System for Dynamic Programming on Tree Decompositions. <i>Lecture Notes in Computer Science</i> , 2014 , 558-572 | 0.9 | 5 |
| 296 | On the Complexity of General Game Playing. 2014 , 90-104 | | 1 |
| 295 | Sequent Calculus for Intuitionistic Epistemic Logic IEL. <i>Lecture Notes in Computer Science</i> , 2016 , 187-201. | 0.9 | 5 |
| 294 | Shrinking and Expanding Cellular Automata. <i>Lecture Notes in Computer Science</i> , 2016 , 159-169 | 0.9 | 4 |

| | | | |
|-----|--|-----|----|
| 293 | The Power of Symbolic Automata and Transducers. <i>Lecture Notes in Computer Science</i> , 2017 , 47-67 | 0.9 | 24 |
| 292 | Abstraction Refinement for Emptiness Checking of Alternating Data Automata. <i>Lecture Notes in Computer Science</i> , 2018 , 93-111 | 0.9 | 5 |
| 291 | Complement for Two-Way Alternating Automata. <i>Lecture Notes in Computer Science</i> , 2018 , 132-144 | 0.9 | 2 |
| 290 | Focussing, (mathsf {MALL}) and the Polynomial Hierarchy. <i>Lecture Notes in Computer Science</i> , 2018 , 689-705 | | 1 |
| 289 | Weak Automata for the Linear Time \mathbb{E} Calculus. <i>Lecture Notes in Computer Science</i> , 2005 , 267-281 | 0.9 | 9 |
| 288 | On Complementing Nondeterministic Büchi Automata. <i>Lecture Notes in Computer Science</i> , 2003 , 96-110 | 0.9 | 28 |
| 287 | Equivalence Checking of Non-flat Systems Is EXPTIME-Hard. <i>Lecture Notes in Computer Science</i> , 2003 , 237-250 | 0.9 | 1 |
| 286 | Playing Games with Boxes and Diamonds. <i>Lecture Notes in Computer Science</i> , 2003 , 128-143 | 0.9 | 10 |
| 285 | Model-Checking TRIO Specifications in SPIN. <i>Lecture Notes in Computer Science</i> , 2003 , 542-561 | 0.9 | 11 |
| 284 | Locating Matches of Tree Patterns in Forests. <i>Lecture Notes in Computer Science</i> , 1998 , 134-145 | 0.9 | 41 |
| 283 | On the (High) Undecidability of Distributed Synthesis Problems. <i>Lecture Notes in Computer Science</i> , 2007 , 320-329 | 0.9 | 7 |
| 282 | On the Merits of Temporal Testers. <i>Lecture Notes in Computer Science</i> , 2008 , 172-195 | 0.9 | 35 |
| 281 | Conjunctive Grammars and Alternating Pushdown Automata. <i>Lecture Notes in Computer Science</i> , 2008 , 44-55 | 0.9 | 4 |
| 280 | Verification of Data Paths Using Unbounded Integers: Automata Strike Back. 2006 , 65-80 | | 2 |
| 279 | The Complexity of Conjunctive Query Answering in Expressive Description Logics. <i>Lecture Notes in Computer Science</i> , 2008 , 179-193 | 0.9 | 44 |
| 278 | A Lower Bound on Web Services Composition. <i>Lecture Notes in Computer Science</i> , 2007 , 274-286 | 0.9 | 21 |
| 277 | Complexity Results on Balanced Context-Free Languages. 2007 , 346-360 | | 8 |
| 276 | On the Complexity of Reasoning About Dynamic Policies. <i>Lecture Notes in Computer Science</i> , 2007 , 358-373 | | 2 |

| | | | |
|-----|--|-----|----|
| 275 | Model Checking Temporal Metric Specifications with Trio2Promela. 2007 , 388-395 | | 5 |
| 274 | Optimizing Conjunctive Queries over Trees Using Schema Information. <i>Lecture Notes in Computer Science</i> , 2008 , 132-143 | 0.9 | 30 |
| 273 | Infinite Runs in Weighted Timed Automata with Energy Constraints. <i>Lecture Notes in Computer Science</i> , 2008 , 33-47 | 0.9 | 87 |
| 272 | Emptiness of Multi-pushdown Automata Is 2ETIME-Complete. <i>Lecture Notes in Computer Science</i> , 2008 , 121-133 | 0.9 | 34 |
| 271 | An Infinite Automaton Characterization of Double Exponential Time. <i>Lecture Notes in Computer Science</i> , 2008 , 33-48 | 0.9 | 13 |
| 270 | Run-Time Monitoring of Electronic Contracts. <i>Lecture Notes in Computer Science</i> , 2008 , 397-407 | 0.9 | 21 |
| 269 | Uniform Constraint Satisfaction Problems and Database Theory. <i>Lecture Notes in Computer Science</i> , 2008 , 156-195 | 0.9 | 9 |
| 268 | Coalgebraic Hybrid Logic. <i>Lecture Notes in Computer Science</i> , 2009 , 137-151 | 0.9 | 13 |
| 267 | Keep It Small, Keep It Real: Efficient Run-Time Verification of Web Service Compositions. <i>Lecture Notes in Computer Science</i> , 2009 , 26-40 | 0.9 | 7 |
| 266 | Alternating Weighted Automata. <i>Lecture Notes in Computer Science</i> , 2009 , 3-13 | 0.9 | 16 |
| 265 | FO Model Checking on Nested Pushdown Trees. <i>Lecture Notes in Computer Science</i> , 2009 , 451-463 | 0.9 | 2 |
| 264 | Antichain Algorithms for Finite Automata. <i>Lecture Notes in Computer Science</i> , 2010 , 2-22 | 0.9 | 41 |
| 263 | Towards a Theory of Time-Bounded Verification. <i>Lecture Notes in Computer Science</i> , 2010 , 22-37 | 0.9 | 12 |
| 262 | The Complexity of Model Checking for Intuitionistic Logics and Their Modal Companions. <i>Lecture Notes in Computer Science</i> , 2010 , 146-160 | 0.9 | 4 |
| 261 | Extended Computation Tree Logic. <i>Lecture Notes in Computer Science</i> , 2010 , 67-81 | 0.9 | 7 |
| 260 | Alternating Interval Based Temporal Logics. <i>Lecture Notes in Computer Science</i> , 2010 , 694-709 | 0.9 | 4 |
| 259 | Synthesis of Trigger Properties. <i>Lecture Notes in Computer Science</i> , 2010 , 312-331 | 0.9 | 6 |
| 258 | Linear Conjunctive Grammars and One-Turn Synchronized Alternating Pushdown Automata. <i>Lecture Notes in Computer Science</i> , 2011 , 1-16 | 0.9 | 1 |

| | | | |
|-----|---|-----|----|
| 257 | Revisiting Monte-Carlo Tree Search on a Normal Form Game: NoGo. <i>Lecture Notes in Computer Science</i> , 2011 , 73-82 | 0.9 | 9 |
| 256 | LR(0) Conjunctive Grammars and Deterministic Synchronized Alternating Pushdown Automata. <i>Lecture Notes in Computer Science</i> , 2011 , 345-358 | 0.9 | 8 |
| 255 | The Complexity of Inhabitation with Explicit Intersection. <i>Lecture Notes in Computer Science</i> , 2012 , 256-270 | 0.9 | 3 |
| 254 | Descriptive Complexity of Operations on Alternating and Boolean Automata. <i>Lecture Notes in Computer Science</i> , 2012 , 196-204 | 0.9 | 8 |
| 253 | A Saturation Method for Collapsible Pushdown Systems. <i>Lecture Notes in Computer Science</i> , 2012 , 165-176 | 0.9 | 22 |
| 252 | Regularity Problems for Weak Pushdown Automata and Games. <i>Lecture Notes in Computer Science</i> , 2012 , 764-776 | 0.9 | 3 |
| 251 | OWL 2 Profiles: An Introduction to Lightweight Ontology Languages. <i>Lecture Notes in Computer Science</i> , 2012 , 112-183 | 0.9 | 17 |
| 250 | Analysis of Boolean Programs. <i>Lecture Notes in Computer Science</i> , 2013 , 214-229 | 0.9 | 8 |
| 249 | Type-Based Complexity Analysis for Fork Processes. <i>Lecture Notes in Computer Science</i> , 2013 , 305-320 | 0.9 | 5 |
| 248 | Quantum Alternation. <i>Lecture Notes in Computer Science</i> , 2013 , 334-346 | 0.9 | 5 |
| 247 | Cuts in Regular Expressions. <i>Lecture Notes in Computer Science</i> , 2013 , 70-81 | 0.9 | 6 |
| 246 | Decision Problems for Additive Regular Functions. <i>Lecture Notes in Computer Science</i> , 2013 , 37-48 | 0.9 | 9 |
| 245 | One Alternation Can Be More Powerful Than Randomization in Small and Fast Two-Way Finite Automata. <i>Lecture Notes in Computer Science</i> , 2013 , 40-47 | 0.9 | 2 |
| 244 | Backward Induction Is PTIME-complete. <i>Lecture Notes in Computer Science</i> , 2013 , 352-356 | 0.9 | 1 |
| 243 | Staged Composition Synthesis. <i>Lecture Notes in Computer Science</i> , 2014 , 67-86 | 0.9 | 12 |
| 242 | Decidability and Complexity of Simulation Preorder for Data-Centric Web Services. <i>Lecture Notes in Computer Science</i> , 2014 , 535-542 | 0.9 | 3 |
| 241 | On the Complexity of Intersecting Regular, Context-Free, and Tree Languages. <i>Lecture Notes in Computer Science</i> , 2015 , 414-426 | 0.9 | 2 |
| 240 | How Much Lookahead is Needed to Win Infinite Games?. <i>Lecture Notes in Computer Science</i> , 2015 , 452-463 | 0.9 | 6 |

| | | | |
|-----|---|-----|----|
| 239 | Complexity of Propositional Independence and Inclusion Logic. <i>Lecture Notes in Computer Science</i> , 2015 , 269-280 | 0.9 | 8 |
| 238 | Alternating Demon Space Is Closed Under Complement and Other Simulations for Sublogarithmic Space. <i>Lecture Notes in Computer Science</i> , 2016 , 190-202 | 0.9 | 1 |
| 237 | Constructing Oracles by Lower Bound Techniques for Circuits. 1989 , 30-76 | | 1 |
| 236 | Laws in Logic and Combinatorics. 1989 , 353-383 | | 20 |
| 235 | A Fixed Point Approach to Applicative Multiprogramming. 1982 , 565-623 | | 16 |
| 234 | Dynamic Logic. 2001 , 99-217 | | 15 |
| 233 | Computable Quantifiers and Logics over Finite Structures. 1995 , 313-357 | | 7 |
| 232 | Games, Complexity and Interaction the Role of Games in Computer Science. 2003 , 313-327 | | 1 |
| 231 | Characterizing unambiguous augmented pushdown automata by circuits. 1990 , 399-406 | | 9 |
| 230 | Characterizing the polynomial Hierarchy by alternating auxiliary pushdown automata. 1988 , 118-125 | | 4 |
| 229 | A Leaf-Size Hierarchy of Two-Dimensional Alternating Turing Machines. 1987 , 389-404 | | 1 |
| 228 | Logics of Programs. 1990 , 789-840 | | 51 |
| 227 | Logic Programming and Parallel Complexity. 1988 , 547-585 | | 12 |
| 226 | On the Complexity of Conditional Logics. 1994 , 202-213 | | 21 |
| 225 | Yield-languages recognized by alternating tree recognizers. 1988 , 22, 319-339 | | 5 |
| 224 | Characterizing the polynomial hierarchy by alternating auxiliary pushdown automata. 1989 , 23, 87-99 | | 10 |
| 223 | A hierarchy that does not collapse : alternations in low level space. 1994 , 28, 465-512 | | 14 |
| 222 | Complexity of EOL structural equivalence. 1995 , 29, 471-485 | | 3 |

| | | |
|-----|--|-----|
| 221 | Consensual languages and matching finite-state computations. 2011 , 45, 77-97 | 6 |
| 220 | The Nature of Computation. 2011 , | 142 |
| 219 | On resetting DLBA's. 1991 , 22, 62-63 | 2 |
| 218 | Concurrent Dynamic Algebra. 2015 , 16, 1-38 | 7 |
| 217 | Model checking for symbolic-heap separation logic with inductive predicates. 2016 , | 13 |
| 216 | Computational Complexity of Quantum Satisfiability. <i>Journal of the ACM</i> , 2016 , 63, 1-31 | 2 5 |
| 215 | Taming Multirelations. 2016 , 17, 1-34 | 3 |
| 214 | Intersection type calculi of bounded dimension. 2017 , | 5 |
| 213 | Uniform characterizations of complexity classes. 1999 , 30, 17-27 | 4 |
| 212 | An Epistemic Strategy Logic. 2018 , 19, 1-45 | 7 |
| 211 | On the complexity of flow-sensitive dataflow analyses. 2000 , | 15 |
| 210 | Paths vs. trees in set-based program analysis. 2000 , | 5 |
| 209 | Containment and equivalence for an XPath fragment. 2002 , | 123 |
| 208 | The World of Unary Languages. 2003 , 275-284 | 1 |
| 207 | Intuitionistic implication makes model checking hard. 2012 , 8, | 1 |
| 206 | Model checking coalitional games in shortage resource scenarios. <i>Electronic Proceedings in Theoretical Computer Science, EPTCS</i> , 119, 240-255 | 3 |
| 205 | Using Inhabitation in Bounded Combinatory Logic with Intersection Types for Composition Synthesis. <i>Electronic Proceedings in Theoretical Computer Science, EPTCS</i> , 121, 18-34 | 2 |
| 204 | A multi-paradigm language for reactive synthesis. <i>Electronic Proceedings in Theoretical Computer Science, EPTCS</i> , 202, 73-97 | 9 |

| | | | |
|-----|--|-----|----|
| 203 | On Quantified Propositional Logics and the Exponential Time Hierarchy. <i>Electronic Proceedings in Theoretical Computer Science, EPTCS, 226</i> , 198-212 | | 2 |
| 202 | Quantitative vs. Weighted Automata. <i>Lecture Notes in Computer Science, 2021</i> , 3-18 | 0.9 | 2 |
| 201 | Simplifying Alternating Automata for Emptiness Testing. <i>Lecture Notes in Computer Science, 2021</i> , 243-264 | | |
| 200 | On Model Checking Synchronised Hardware Circuits. <i>Lecture Notes in Computer Science, 2000</i> , 182-198 | 0.9 | 1 |
| 199 | \exists Laws for Fragments of Existential Second-Order Logic: A Survey. <i>Lecture Notes in Computer Science, 2000</i> , 84-98 | 0.9 | 6 |
| 198 | Alternating and Empty Alternating Auxiliary Stack Automata. <i>Lecture Notes in Computer Science, 2000</i> , 415-425 | 0.9 | 1 |
| 197 | Modal Satisfiability Is in Deterministic Linear Space. <i>Lecture Notes in Computer Science, 2000</i> , 332-342 | 0.9 | |
| 196 | The Descriptive Complexity of the Fixed-Points of Bounded Formulas. <i>Lecture Notes in Computer Science, 2000</i> , 172-186 | 0.9 | |
| 195 | On the Power of Input-Synchronized Alternating Finite Automata. <i>Lecture Notes in Computer Science, 2000</i> , 457-466 | 0.9 | 3 |
| 194 | \exists \forall \exists \forall \exists \forall . <i>2000</i> , 12, 83-98 | | 1 |
| 193 | Probabilistic Model Checking: Formalisms and Algorithms for Discrete and Real-time Systems. 2000 , 183-219 | | 2 |
| 192 | A Space Lower Bound for Acceptance by One-Way Σ -Alternating Machines. 2000 , 34, 357-372 | | |
| 191 | From Bidirectionality to Alternation. <i>Lecture Notes in Computer Science, 2001</i> , 598-610 | 0.9 | 2 |
| 190 | Substructural Verification and Computational Feasibility. 2002 , 498-510 | | |
| 189 | SIGACT news complexity theory column 35. 2002 , 33, 32-45 | | 12 |
| 188 | Satisfiability and Completeness of Converse-PDL Replayed. <i>Lecture Notes in Computer Science, 2003</i> , 79-92 | 0.9 | 1 |
| 187 | On Probabilistic Quantified Satisfiability Games. <i>Lecture Notes in Computer Science, 2003</i> , 652-661 | 0.9 | 1 |
| 186 | The Communication Hierarchy of Time and Space Bounded Parallel Machines. 2003 , 37, 159-176 | | |

| | | | |
|-----|--|-----|---|
| 185 | Comparing Semantics of Logics for Multi-Agent Systems. 2004 , 77-116 | | 1 |
| 184 | Computational Complexity. 2004 , 227-247 | | |
| 183 | From Logic to Games. <i>Lecture Notes in Computer Science</i> , 2005 , 79-91 | 0.9 | |
| 182 | Translational Lemmas for Alternating TMs and PRAMs. <i>Lecture Notes in Computer Science</i> , 2005 , 137-148 | 0.9 | 1 |
| 181 | Flat and One-Variable Clauses: Complexity of Verifying Cryptographic Protocols with Single Blind Copying. <i>Lecture Notes in Computer Science</i> , 2005 , 79-94 | 0.9 | 7 |
| 180 | Complexity Results on Branching-Time Pushdown Model Checking. <i>Lecture Notes in Computer Science</i> , 2005 , 65-79 | 0.9 | 3 |
| 179 | Reasoning About Co-Büchi Tree Automata. <i>Lecture Notes in Computer Science</i> , 2005 , 527-542 | 0.9 | |
| 178 | The Complexity of Live Sequence Charts. <i>Lecture Notes in Computer Science</i> , 2005 , 364-378 | 0.9 | 4 |
| 177 | Bibliographical notes. 2006 , 295-301 | | |
| 176 | Symbolic Backwards-Reachability Analysis for Higher-Order Pushdown Systems. <i>Lecture Notes in Computer Science</i> , 2007 , 213-227 | 0.9 | 3 |
| 175 | Role Conjunctions in Expressive Description Logics. <i>Lecture Notes in Computer Science</i> , 2008 , 391-405 | 0.9 | 3 |
| 174 | ASERE: Assuring the Satisfiability of Sequential Extended Regular Expressions. 2008 , 237-251 | | |
| 173 | On the Power of Broadcasting in Mobile Computing. 2008 , 195-209 | | |
| 172 | Traces of term-automatic graphs. 2008 , 42, 615-630 | | |
| 171 | Lower Bounds on Witnesses for Nonemptiness of Universal Co-Büchi Automata. <i>Lecture Notes in Computer Science</i> , 2009 , 182-196 | 0.9 | 1 |
| 170 | Cellular Automata as Models of Parallel Computation. 2009 , 493-511 | | |
| 169 | Factoring and Testing Primes in Small Space. <i>Lecture Notes in Computer Science</i> , 2009 , 291-302 | 0.9 | 1 |
| 168 | An Automata-Based Monitoring Technique for Commitment-Based Multi-Agent Systems. <i>Lecture Notes in Computer Science</i> , 2009 , 172-187 | 0.9 | 1 |

| | | | |
|-----|--|-----|----|
| 167 | Fixpoint Guided Abstraction Refinement for Alternating Automata. <i>Lecture Notes in Computer Science</i> , 2009 , 155-164 | 0.9 | 1 |
| 166 | Bibliography. 2009 , 217-229 | | |
| 165 | Hardness of Preorder Checking for Basic Formalisms. <i>Lecture Notes in Computer Science</i> , 2010 , 119-135 | 0.9 | 1 |
| 164 | Non-closure Properties of λ -Nondeterministic Turing Machines and Alternating Turing Machines with Only Universal States Using Small Space. 2010 , E93-A, 1148-1152 | | 1 |
| 163 | \mathcal{ALC} : A Context Description Logic. <i>Lecture Notes in Computer Science</i> , 2010 , 208-220 | 0.9 | 5 |
| 162 | Playing Savitch and Cooking Games. <i>Lecture Notes in Computer Science</i> , 2010 , 10-21 | 0.9 | |
| 161 | An Automata-Theoretic Approach to Infinite-State Systems. <i>Lecture Notes in Computer Science</i> , 2010 , 202-259 | 0.9 | 10 |
| 160 | Linearzeit-Temporale Logik. 2011 , 131-159 | | |
| 159 | The Complexity of Request-Response Games. <i>Lecture Notes in Computer Science</i> , 2011 , 227-237 | 0.9 | 6 |
| 158 | Sternfreie Sprachen. 2011 , 41-57 | | |
| 157 | Operational Engines. 2011 , 845-932 | | |
| 156 | Efficient Probabilistically Checkable Debates. <i>Lecture Notes in Computer Science</i> , 2011 , 519-529 | 0.9 | 1 |
| 155 | On the Complexity of Szilard Languages of Regulated Grammars. <i>Lecture Notes in Computer Science</i> , 2011 , 77-94 | 0.9 | 1 |
| 154 | The Blow-Up in Translating LTL to Deterministic Automata. <i>Lecture Notes in Computer Science</i> , 2011 , 85-94 | 0.9 | 8 |
| 153 | New results on pushdown module checking with imperfect information. <i>Electronic Proceedings in Theoretical Computer Science</i> , <i>EPTCS</i> , 54, 162-177 | | 3 |
| 152 | When Formulas Freeze: Phase Transitions in Computation. 2011 , 723-818 | | |
| 151 | The Grand Unified Theory of Computation. 2011 , 223-299 | | |
| 150 | Interaction and Pseudorandomness. 2011 , 506-562 | | |

149 Memory, Paths, and Games. **2011**, 300-350

148 The Deep Question: P vs. NP. **2011**, 173-222

147 The Basics. **2011**, 15-40

146 Needles in a Haystack: the Class NP. **2011**, 94-126

145 Counting, Sampling, and Statistical Physics. **2011**, 651-722

144 Insights and Algorithms. **2011**, 41-93

143 Prologue. **2011**, 1-14

142 Optimization and Approximation. **2011**, 351-449

141 Quantum Computation. **2011**, 819-910

140 Randomized Algorithms. **2011**, 450-505

139 Who is the Hardest One of All? NP-Completeness. **2011**, 127-172

138 A Parameterized Halting Problem. *Lecture Notes in Computer Science*, **2012**, 364-397 0.9 1

137 Lower Bounds against Weakly Uniform Circuits. *Lecture Notes in Computer Science*, **2012**, 408-419 0.9 1

136 A type system for PSPACE derived from light linear logic. *Electronic Proceedings in Theoretical Computer Science, EPTCS*, 75, 33-46

135 Unary Coded NP-Complete Languages in ASPACE ($\log \log n$). *Lecture Notes in Computer Science*, **2012**, 166-177 0.9 1

134 Dexter Kozen: An Appreciation. *Lecture Notes in Computer Science*, **2012**, 324-325 0.9

133 An Appreciation of Dexter Kozen. *Lecture Notes in Computer Science*, **2012**, 338-340 0.9

132 The Complexity of One-Agent Refinement Modal Logic. *Lecture Notes in Computer Science*, **2012**, 120-133.9 2

| | | | |
|-----|---|-----|---|
| 131 | Instance Compression for the Polynomial Hierarchy and beyond. <i>Lecture Notes in Computer Science</i> , 2012 , 120-134 | 0.9 | |
| 130 | Removing Nondeterminism in Constant Height Pushdown Automata. <i>Lecture Notes in Computer Science</i> , 2012 , 76-88 | 0.9 | 2 |
| 129 | Concurrent Games on VASS with Inhibition. <i>Lecture Notes in Computer Science</i> , 2012 , 39-52 | 0.9 | 4 |
| 128 | Turing Machines for Dummies. <i>Lecture Notes in Computer Science</i> , 2012 , 14-30 | 0.9 | 0 |
| 127 | Finding Finite Herbrand Models. <i>Lecture Notes in Computer Science</i> , 2012 , 138-152 | 0.9 | |
| 126 | Model Checking for Modal Intuitionistic Dependence Logic. <i>Lecture Notes in Computer Science</i> , 2013 , 231-256 | 0.9 | 3 |
| 125 | On characteristic formulae for Event-Recording Automata. 2013 , 47, 69-96 | | |
| 124 | Searching for Traces of Communication in Szilard Languages of Parallel Communicating Grammar Systems - Complexity Views. <i>Lecture Notes in Computer Science</i> , 2013 , 42-53 | 0.9 | |
| 123 | Factoring and testing primes in small space. 2013 , 47, 241-259 | | |
| 122 | Unary Languages Recognized by Two-Way One-Counter Automata. <i>Lecture Notes in Computer Science</i> , 2014 , 148-161 | 0.9 | |
| 121 | Debates with Small Transparent Quantum Verifiers. <i>Lecture Notes in Computer Science</i> , 2014 , 327-338 | 0.9 | |
| 120 | Time and space bounded complexity classes and bandwidth constrained problems. <i>Lecture Notes in Computer Science</i> , 1981 , 78-93 | 0.9 | |
| 119 | Cost tradeoffs in graph embeddings, with applications. <i>Lecture Notes in Computer Science</i> , 1981 , 41-55 | 0.9 | 2 |
| 118 | . 1984 , | | |
| 117 | Logic programs and alternation. <i>Lecture Notes in Computer Science</i> , 1986 , 99-106 | 0.9 | 0 |
| 116 | On exponential lowness. <i>Lecture Notes in Computer Science</i> , 1986 , 40-49 | 0.9 | |
| 115 | Parallel algorithms and the classification of problems. <i>Lecture Notes in Computer Science</i> , 1987 , 206-226 | 0.9 | |
| 114 | Predicting performance of concurrency control designs. 1987 , | | |

| | | | |
|-----|--|-----|---|
| 113 | Efficient simulations of simple models of parallel computation by time-bounded ATM's and space-bounded TM's. <i>Lecture Notes in Computer Science, 1988, 119-132</i> | 0.9 | |
| 112 | Structured NC. <i>Lecture Notes in Computer Science, 1989, 487-498</i> | 0.9 | |
| 111 | Representation of recursively enumerable languages using alternating finite tree recognizers. <i>Lecture Notes in Computer Science, 1989, 372-383</i> | 0.9 | |
| 110 | Fast parallel algorithms and the complexity of parallelism (basic issues and recent advances). <i>Lecture Notes in Computer Science, 1989, 177-189</i> | 0.9 | |
| 109 | On the complexity of (off-line) 1-tape ATM's running in constant reversals. <i>Lecture Notes in Computer Science, 1990, 92-99</i> | 0.9 | |
| 108 | M. 1990, 67-360 | | |
| 107 | Complexity issues in discrete neurocomputing. <i>Lecture Notes in Computer Science, 1990, 93-108</i> | 0.9 | 2 |
| 106 | Recursively indefinite databases. <i>Lecture Notes in Computer Science, 1990, 364-378</i> | 0.9 | 2 |
| 105 | New results concerning synchronized finite automata. <i>Lecture Notes in Computer Science, 1992, 126-137</i> | 0.9 | |
| 104 | Unambiguous simulations of auxiliary pushdown automata and circuits. <i>Lecture Notes in Computer Science, 1992, 387-400</i> | 0.9 | 4 |
| 103 | Computing on structures. <i>Lecture Notes in Computer Science, 1993, 606-620</i> | 0.9 | |
| 102 | On ranking 1-way finitely ambiguous NL languages and P_1 -complete census functions. 1993, 27, 135-148 | | 1 |
| 101 | How Hard is it to Reason about Propositional Programs?. 1993, 265-284 | | |
| 100 | On the communication complexity of parallel computation. <i>Lecture Notes in Computer Science, 1993, 517-526</i> | 0.9 | |
| 99 | Empty alternation. <i>Lecture Notes in Computer Science, 1994, 494-503</i> | 0.9 | 1 |
| 98 | On adaptive dlogtime and polylogtime reductions. <i>Lecture Notes in Computer Science, 1994, 301-312</i> | 0.9 | 1 |
| 97 | Inductive counting below logspace. <i>Lecture Notes in Computer Science, 1994, 276-285</i> | 0.9 | 4 |
| 96 | On the parallel complexity of solving recurrence equations. <i>Lecture Notes in Computer Science, 1994, 469-477</i> | 0.9 | 1 |

- 95 My favorite ten complexity theorems of the past decade. *Lecture Notes in Computer Science*, **1994**, 256-275
- 94 Bounded tree-width and LOGCFL. *Lecture Notes in Computer Science*, **1994**, 33-44 0.9
- 93 Are parallel machines always faster than sequential machines?. *Lecture Notes in Computer Science*, **1994**, 137-148 0.9
- 92 On some open problems concerning the complexity of cellular arrays. *Lecture Notes in Computer Science*, **1994**, 183-196 0.9
- 91 Parallel machine models: How they are and where are they going. *Lecture Notes in Computer Science*, **1995**, 1-30 0.9
- 90 M. **1995**, 723-950
- 89 Turingmaschinen. **1995**, 5-24
- 88 Maschinenklassen, parallele Berechnungshypothesen, Realisierbarkeit. **1995**, 145-152
- 87 On parallel hierarchies and Rki. *Lecture Notes in Computer Science*, **1995**, 52-76 0.9
- 86 Exponential time analysis of confluent and boundary eNCE graph languages. *Lecture Notes in Computer Science*, **1995**, 180-192 0.9
- 85 Properties of probabilistic pushdown automata. *Lecture Notes in Computer Science*, **1995**, 343-352 0.9
- 84 The complexity of searching succinctly represented graphs. *Lecture Notes in Computer Science*, **1995**, 208-219 0.9 1
- 83 Bisimilarity problems requiring exponential time (Extended abstract). *Lecture Notes in Computer Science*, **1996**, 230-241 0.9
- 82 Bounded fixed-point definability and tabular recognition of languages. *Lecture Notes in Computer Science*, **1996**, 388-402 0.9
- 81 Fundamentals of computing (a cheatlist). **1996**, 27, 89
- 80 Complexity: A Language-Theoretic Point of View. **1997**, 1-60
- 79 Recognition of deductive data base stability. *Lecture Notes in Computer Science*, **1997**, 67-77 0.9
- 78 Computational Power of BSP Computers. *Lecture Notes in Computer Science*, **1998**, 285-293 0.9 1

| | | | |
|----|---|-----|---|
| 77 | Is Your Model Checker on Time?. <i>Lecture Notes in Computer Science</i> , 1999 , 125-136 | 0.9 | 7 |
| 76 | Relations to Other Computation Models. 1999 , 35-78 | | |
| 75 | Computational Complexity of Cellular Automata: An Overview. 1999 , 181-197 | | 3 |
| 74 | Complexity Theory. 2014 , 1-34 | | |
| 73 | Relational Formalisations of Compositions and Liftings of Multirelations. <i>Lecture Notes in Computer Science</i> , 2015 , 84-100 | 0.9 | |
| 72 | Encyclopedia of Complexity and Systems Science. 2015 , 1-26 | | |
| 71 | Recent Advances in Datalog(π). <i>Lecture Notes in Computer Science</i> , 2015 , 193-217 | 0.9 | 1 |
| 70 | Consensus Game Acceptors. <i>Lecture Notes in Computer Science</i> , 2015 , 108-119 | 0.9 | |
| 69 | Universal Disjunctive Concatenation and Star. <i>Lecture Notes in Computer Science</i> , 2015 , 197-208 | 0.9 | |
| 68 | Edit Distance for Pushdown Automata. <i>Lecture Notes in Computer Science</i> , 2015 , 121-133 | 0.9 | 5 |
| 67 | Negotiation Games. <i>Electronic Proceedings in Theoretical Computer Science</i> , <i>EPTCS</i> , 193, 31-42 | | |
| 66 | Model checking for symbolic-heap separation logic with inductive predicates. 2016 , 51, 84-96 | | 4 |
| 65 | Window Parity Games: An Alternative Approach Toward Parity Games with Time Bounds. <i>Electronic Proceedings in Theoretical Computer Science</i> , <i>EPTCS</i> , 226, 135-148 | | 2 |
| 64 | Linear Parsing Expression Grammars. <i>Lecture Notes in Computer Science</i> , 2017 , 275-286 | 0.9 | 1 |
| 63 | On the Complexity of Model Checking for Syntactically Maximal Fragments of the Interval Temporal Logic HS with Regular Expressions. <i>Electronic Proceedings in Theoretical Computer Science</i> , <i>EPTCS</i> , 256, 31-45 | | 4 |
| 62 | On the Complexity of ATL and ATL* Module Checking. <i>Electronic Proceedings in Theoretical Computer Science</i> , <i>EPTCS</i> , 256, 268-282 | | |
| 61 | Complexity Analysis of Tree Share Structure. <i>Lecture Notes in Computer Science</i> , 2018 , 89-108 | 0.9 | |
| 60 | The computational complexity of deciding whether a finite algebra generates a minimal variety. 2018 , 233-256 | | |

| | | | |
|----|---|-----|---|
| 59 | Minimal Useful Size of Counters for (Real-Time) Multicounter Automata. <i>Lecture Notes in Computer Science</i> , 2018 , 105-120 | 0.9 | |
| 58 | EXPSPACE-Complete Variant of Countdown Games, and Simulation on Succinct One-Counter Nets. <i>Lecture Notes in Computer Science</i> , 2018 , 59-74 | 0.9 | |
| 57 | An Oracle Hierarchy for Small One-Way Finite Automata. <i>Lecture Notes in Computer Science</i> , 2019 , 57-69 | 0.9 | |
| 56 | Eventually Safe Languages. <i>Lecture Notes in Computer Science</i> , 2019 , 192-205 | 0.9 | 1 |
| 55 | Alternating Automata Modulo First Order Theories. <i>Lecture Notes in Computer Science</i> , 2019 , 43-63 | 0.9 | |
| 54 | The Relative Edit-Distance Between Two Input-Driven Languages. <i>Lecture Notes in Computer Science</i> , 2019 , 127-139 | 0.9 | 1 |
| 53 | The Complexity of Online Bribery in Sequential Elections (Extended Abstract). <i>Electronic Proceedings in Theoretical Computer Science</i> , <i>EPTCS</i> , 297, 233-251 | | |
| 52 | Pointers in Recursion: Exploring the Tropics. <i>Electronic Proceedings in Theoretical Computer Science</i> , <i>EPTCS</i> , 298, 31-45 | | |
| 51 | Descriptive Complexity of Winning Sets of Regular Languages. <i>Lecture Notes in Computer Science</i> , 2020 , 130-141 | 0.9 | |
| 50 | Decidable Fragments of Calculi Used in CatLog. 2022 , 1-24 | | 1 |
| 49 | On four logics of programs and complexity of their satisfiability problems : Extended abstract. <i>Lecture Notes in Computer Science</i> , 1983 , 98-107 | 0.9 | |
| 48 | Combining Limited Parallelism and Nondeterminism in Alternating Finite Automata. <i>Lecture Notes in Computer Science</i> , 2020 , 91-103 | 0.9 | 1 |
| 47 | Alternating Finite Automata with Limited Universal Branching. <i>Lecture Notes in Computer Science</i> , 2020 , 196-207 | 0.9 | 2 |
| 46 | Theoretical Computer Science: Computational Complexity. 2020 , 51-89 | | |
| 45 | Decidable Synthesis of Programs with Uninterpreted Functions. <i>Lecture Notes in Computer Science</i> , 2020 , 634-657 | 0.9 | 4 |
| 44 | Hierarchies Based on NP. 2005 , 171-259 | | |
| 43 | Other Public-Key Cryptosystems and Protocols. 2005 , 361-412 | | |
| 42 | Bibliography. 555-572 | | |

| | | | |
|----|--|-----|---|
| 41 | Traces of Term-Automatic Graphs. <i>Lecture Notes in Computer Science</i> , 2007 , 489-500 | 0.9 | 1 |
| 40 | Commitment Monitoring in a Multiagent System. <i>Lecture Notes in Computer Science</i> , 2007 , 83-92 | 0.9 | |
| 39 | More Concise Representation of Regular Languages by Automata and Regular Expressions. <i>Lecture Notes in Computer Science</i> , 359-370 | 0.9 | 2 |
| 38 | Recursion Schemata for NC k. <i>Lecture Notes in Computer Science</i> , 2008 , 49-63 | 0.9 | 2 |
| 37 | Consensual Definition of Languages by Regular Sets. <i>Lecture Notes in Computer Science</i> , 2008 , 196-208 | 0.9 | 3 |
| 36 | On Alternating Phrase-Structure Grammars. <i>Lecture Notes in Computer Science</i> , 2008 , 397-408 | 0.9 | |
| 35 | Non deterministic machines and their generalizations. 1984 , 86-97 | | |
| 34 | Combining Partial Specifications using Alternating Interface Automata. <i>Lecture Notes in Computer Science</i> , 2020 , 462-481 | 0.9 | |
| 33 | Predicting performance of concurrency control designs. <i>Performance Evaluation Review</i> , 1987 , 15, 132-142 | | 4 |
| 32 | LTLF Synthesis under Partial Observability: From Theory to Practice. <i>Electronic Proceedings in Theoretical Computer Science, EPTCS</i> , 326, 1-17 | | 2 |
| 31 | Alternation of Restarting Automata. 2020 , | | |
| 30 | A tableau construction for finite linear-time temporal logic. <i>Journal of Logical and Algebraic Methods in Programming</i> , 2021 , 125, 100743 | 1 | 1 |
| 29 | Width Measures of Alternating Finite Automata. <i>Lecture Notes in Computer Science</i> , 2021 , 88-99 | 0.9 | |
| 28 | A nondeterministic Turing machine variant to compute functions. <i>Theoretical Computer Science</i> , 2022 , 902, 54-63 | 1.1 | |
| 27 | Solving string constraints with Regex-dependent functions through transducers with priorities and variables. 2022 , 6, 1-31 | | 3 |
| 26 | Linear-Time Temporal Answer Set Programming. <i>Theory and Practice of Logic Programming</i> , 1-55 | 0.8 | 4 |
| 25 | On the Translation of Automata to Linear Temporal Logic. <i>Lecture Notes in Computer Science</i> , 2022 , 140-160 | | 2 |
| 24 | Modal Logics and Local Quantifiers: A Zoo in the Elementary Hierarchy. <i>Lecture Notes in Computer Science</i> , 2022 , 305-324 | 0.9 | |

| | | | |
|----|---|-----|---|
| 23 | One-Dimensional Fragment Over Words and Trees. <i>Journal of Logic and Computation</i> , | 0.4 | |
| 22 | The complexity of online bribery in sequential elections. <i>Journal of Computer and System Sciences</i> , 2022 , 127, 66-90 | 1 | |
| 21 | Parallel Computing: Complexity Classes. 2001 , 1931-1934 | | |
| 20 | Parallel Computing: Complexity Classes. 2008 , 2900-2903 | | |
| 19 | Expressing Uniformity via Oracles. <i>Theory of Computing Systems</i> , 1997 , 30, 355-366 | 0.6 | |
| 18 | A computation model with automatic functions and relations as primitive operations. <i>Theoretical Computer Science</i> , 2022 , | 1.1 | ○ |
| 17 | Complexity results on register context-free grammars and related formalisms. <i>Theoretical Computer Science</i> , 2022 , | 1.1 | |
| 16 | Subclasses of Ptime Interpreted by Programming Languages. <i>Theory of Computing Systems</i> , | 0.6 | |
| 15 | Alternating Automatic Register Machines. 2022 , 195-211 | | ○ |
| 14 | Fractal Parallel Computing. 2022 , 2022, 1-10 | | ○ |
| 13 | Learning residual alternating automata. 2022 , 104981 | | ○ |
| 12 | Complexity of planning for connected agents in a partially known environment. 2023 , 941, 202-220 | | ○ |
| 11 | Language Equation Solving via Boolean Automata Manipulation. 2022 , | | ○ |
| 10 | Complexity Limitations on One-turn Quantum Refereed Games. | | ○ |
| 9 | Mathematical Tools. 2011 , 911-943 | | ○ |
| 8 | Copyright Page. 2011 , iv-iv | | ○ |
| 7 | Figure Credits. 2011 , xii-xiv | | ○ |
| 6 | Dedication. 2011 , v-v | | ○ |

| | | |
|---|---|---|
| 5 | Preface. 2011 , xv-xvii | 0 |
| 4 | Using the past for resolving the future. 4, | 1 |
| 3 | DimSum: A Decentralized Approach to Multi-language Semantics and Verification. 2023 , 7, 775-805 | 0 |
| 2 | Computational Complexity of Puzzles and Related Topics. 2023 , | 0 |
| 1 | Complexity of the Lambek Calculus and Its Extensions. 2023 , 1-29 | 0 |