

References

- [1] Parosh Aziz Abdulla, Johanna Högberg, and Lisa Kaati. Bisimulation minimization of tree automata. *International Journal of Foundations of Computer Science*, 18(4):699–713, 2007.
- [2] Artiom Alhazov, Yurii Rogozhin, and Sergey Verlan. Minimal cooperation in symport/antiport tissue p systems. *International Journal of Foundations of Computer Science*, 18(1):163–179, 2007.
- [3] Yuichi Asahiro, Eiji Miyano, Hirotaka Ono, and Kouhei Zenmyo. Graph orientation algorithms to minimize the maximum outdegree. *International Journal of Foundations of Computer Science*, 18(2):197–215, 2007.
- [4] Peter R.J. Asveld. Generating all circular shifts by context-free grammars in greibach normal form. *International Journal of Foundations of Computer Science*, 18(6):1139–1149, 2007.
- [5] Adrian Atanasiu. Binary amiable words. *International Journal of Foundations of Computer Science*, 18(2):387–400, 2007.
- [6] Benjamin Aziz and Geoff Hamilton. Modelling and analysis of pki-based systems using process calculi. *International Journal of Foundations of Computer Science*, 18(3):593–618, 2007.
- [7] Sung Eun Bae and Tadao Takaoka. Algorithms for k -disjoint maximum subarrays. *International Journal of Foundations of Computer Science*, 18(2):319–339, 2007.
- [8] Ittai Balaban, Amir Pnueli, and Lenore D. Zuck. Modular ranking abstraction. *International Journal of Foundations of Computer Science*, 18(1):5–44, 2007.
- [9] Sudha Balla, Sanguthevar Rajasekaran, and Ion I. Mandoiu. Efficient algorithms for degenerate primer search. *International Journal of Foundations of Computer Science*, 18(4):899–910, 2007.
- [10] Cédric Bastien, Jurek Czyzowicz, Wojciech Fraczak, and Wojciech Rytter. Reducing simple grammars: Exponential against highly-polynomial

- time in practice. *International Journal of Foundations of Computer Science*, 18(4):715–725, 2007.
- [11] Hanane Becha and Paola Flocchini. Optimal construction of sense of direction in a torus by a mobile agent. *International Journal of Foundations of Computer Science*, 18(3):529–546, 2007.
 - [12] Charita Bhika, Sigrid Ewert, Ryan Schwartz, and Mutahi Waruhiu. Table-driven context-free picture grammars. *International Journal of Foundations of Computer Science*, 18(6):1151–1160, 2007.
 - [13] Roderick Bloem, Alessandro Cimatti, Ingo Pill, and Marco Roveri. Symbolic implementation of alternating automata. *International Journal of Foundations of Computer Science*, 18(4):727–743, 2007.
 - [14] Oliver Boldt and Helmut Jürgensen. Soliton languages are nearly an anti-afi. *International Journal of Foundations of Computer Science*, 18(6):1161–1165, 2007.
 - [15] Henning Bordihn, Markus Holzer, and Martin Kutrib. Hybrid extended finite automata. *International Journal of Foundations of Computer Science*, 18(4):745–760, 2007.
 - [16] Janusz Brzozowski and Helmut Jürgensen. Representation of semiautomata by canonical words and equivalences — part ii: Specification of software modules. *International Journal of Foundations of Computer Science*, 18(5):1065–1087, 2007.
 - [17] Zhenchuan Chai, Zhenfu Cao, and Xiaolei Dong. Efficient id-based multi-receiver threshold decryption. *International Journal of Foundations of Computer Science*, 18(5):987–1004, 2007.
 - [18] Eddie Cheng and László Lipták. Fault resiliency of cayley graphs generated by transpositions. *International Journal of Foundations of Computer Science*, 18(5):1005–1022, 2007.
 - [19] Luděk Cienciala, Lucie Ciencialová, Pierluigi Frisco, and Petr Sosík. On the power of deterministic and sequential communicating p systems. *International Journal of Foundations of Computer Science*, 18(2):415–431, 2007.

- [20] Corinna Cortes, Mehryar Mohri, and Ashish Rastogi. l_p distance and equivalence of probabilistic automata. *International Journal of Foundations of Computer Science*, 18(4):761–779, 2007.
- [21] Miguel Couceiro and Erkkö Lehtonen. On the effect of variable identification on the essential arity of functions on finite sets. *International Journal of Foundations of Computer Science*, 18(5):975–986, 2007.
- [22] Maxime Crochemore, Lucian Ilie, and Emine Seid-Hilmi. The structure of factor oracles. *International Journal of Foundations of Computer Science*, 18(4):781–797, 2007.
- [23] Elena Czeizler, Štěpán Holub, Juhani Karhumäki, and Markku Laine. Intricacies of simple word equations: An example. *International Journal of Foundations of Computer Science*, 18(6):1167–1175, 2007.
- [24] Elena Czeizler and Juhani Karhumäki. On non-periodic solutions of independent systems of word equations over three unknowns. *International Journal of Foundations of Computer Science*, 18(4):873–897, 2007.
- [25] Mark Daley, Michael Domaratzki, and Alexis Morris. Intra-molecular template-guided recombination. *International Journal of Foundations of Computer Science*, 18(6):1177–1186, 2007.
- [26] Werner Damm, Guilherme Pinto, and Stefan Ratschan. Guaranteed termination in the verification of ltl properties of non-linear robust discrete time hybrid systems. *International Journal of Foundations of Computer Science*, 18(1):63–86, 2007.
- [27] Gautam K. Das, Sasthi C. Ghosh, and Subhas C. Nandy. Improved algorithm for minimum cost range assignment problem for linear radio networks. *International Journal of Foundations of Computer Science*, 18(3):619–635, 2007.
- [28] Stéphane Demri and David Nowak. Reasoning about transfinite sequences. *International Journal of Foundations of Computer Science*, 18(1):87–112, 2007.
- [29] Anders Dessmark, Jesper Jansson, Andrzej Lingas, Eva-Marta Lundell, and Mia Persson. On the approximability of maximum and minimum

- edge clique partition problems. *International Journal of Foundations of Computer Science*, 18(2):217–226, 2007.
- [30] Frank Drewes. Links. *International Journal of Foundations of Computer Science*, 18(6):1187–1196, 2007.
- [31] Henning Fernau. Programmed grammars with rule queues. *International Journal of Foundations of Computer Science*, 18(6):1209–1213, 2007.
- [32] Limor Fix, Orna Grumberg, Amnon Heyman, Tamir Heyman, and Assaf Schuster. Verifying very large industrial circuits using 100 processes and beyond. *International Journal of Foundations of Computer Science*, 18(1):45–61, 2007.
- [33] Paola Flocchini, Miao Jun Huang, and Flaminia L. Luccio. Decontaminating chordal rings and tori using mobile agents. *International Journal of Foundations of Computer Science*, 18(3):547–563, 2007.
- [34] Rudolf Freund and Marion Oswald. Partial halting in p systems. *International Journal of Foundations of Computer Science*, 18(6):1215–1225, 2007.
- [35] Akihiro Fujiwara, Satoshi Kamio, and Akiko Takehara. Procedures for computing the maximum with dna. *International Journal of Foundations of Computer Science*, 18(3):475–493, 2007.
- [36] Yan Gao and Hendrik Jan Hoogeboom. p systems with single passenger carriers. *International Journal of Foundations of Computer Science*, 18(6):1227–1235, 2007.
- [37] Ferenc Gécseg. Classes of tree languages determined by classes of monoids. *International Journal of Foundations of Computer Science*, 18(6):1237–1246, 2007.
- [38] Mathieu Giraud, Phillipe Veber, and Dominique Lavenier. Path-equivalent developments in acyclic weighted automata. *International Journal of Foundations of Computer Science*, 18(4):799–811, 2007.
- [39] Jens Glöckler. Forgetting automata and unary languages. *International Journal of Foundations of Computer Science*, 18(4):813–827, 2007.

- [40] Jozef Gruska, Salvatore La Torre, and Mimmo Parente. The firing squad synchronization problem on squares, toruses and rings. *International Journal of Foundations of Computer Science*, 18(3):637–654, 2007.
- [41] Vesa Halava, Tero Harju, and Mika Hirvensalo. Undecidability bounds for integer matrices using claus instances. *International Journal of Foundations of Computer Science*, 18(5):931–948, 2007.
- [42] Brian Herlihy, Peter Schachte, and Harald Søndergaard. Un-kleene boolean equation solving. *International Journal of Foundations of Computer Science*, 18(2):227–250, 2007.
- [43] Juha Honkala. The d0l ω -equivalence problem. *International Journal of Foundations of Computer Science*, 18(1):181–194, 2007.
- [44] Oscar H. Ibarra and Sara Woodworth. Characterizing regular languages by spiking neural p systems. *International Journal of Foundations of Computer Science*, 18(6):1247–1256, 2007.
- [45] Tseren-Onolt Ishdorj, Ion Petre, and Vladimir Rogojin. Computational power of intramolecular gene assembly. *International Journal of Foundations of Computer Science*, 18(5):1123–1136, 2007.
- [46] Yasuaki Ito, Koji Nakano, and Youhei Yamagishi. Efficient hardware algorithms for n choose k counters using the bitonic merger. *International Journal of Foundations of Computer Science*, 18(3):517–528, 2007.
- [47] Jesper Jansson and Zeshan Peng. Online and dynamic recognition of squarefree strings. *International Journal of Foundations of Computer Science*, 18(2):401–414, 2007.
- [48] Tomasz Jurdziński and Friedrich Otto. Shrinking restarting automata. *International Journal of Foundations of Computer Science*, 18(2):361–385, 2007.
- [49] Helmut Jürgensen and Pauline Kraak. Soliton automata based on trees. *International Journal of Foundations of Computer Science*, 18(6):1257–1270, 2007.
- [50] Lila Kari and Kalpana Mahalingam. Involutively bordered words. *International Journal of Foundations of Computer Science*, 18(5):1089–1106, 2007.

- [51] Andreas Klein and Martin Kutrib. Context-free grammars with linked nonterminals. *International Journal of Foundations of Computer Science*, 18(6):1271–1282, 2007.
- [52] Manfred Kudlek. Some remarks on quantum automata. *International Journal of Foundations of Computer Science*, 18(6):1283–1292, 2007.
- [53] Martin Kutrib and Andreas Malcher. When church-rosser becomes context free. *International Journal of Foundations of Computer Science*, 18(6):1293–1302, 2007.
- [54] Tobias Lauer, Thomas Ottmann, and Amitava Datta. Update-efficient data structures for dynamic ip router tables. *International Journal of Foundations of Computer Science*, 18(1):139–161, 2007.
- [55] Tobias Lauer, Thomas Ottmann, and Amitava Datta. Update-efficient data structures for dynamic ip router tables. *International Journal of Foundations of Computer Science*, 18(2):295–317, 2007.
- [56] Joseph Y.-T. Leung, Haibing Li, and Hairong Zhao. Scheduling two-machine flow shops with exact delays. *International Journal of Foundations of Computer Science*, 18(2):341–359, 2007.
- [57] Ming Li. Information distance and its applications. *International Journal of Foundations of Computer Science*, 18(4):669–681, 2007.
- [58] Cho-Chin Lin. A framework for solving sequence problem of multiple input streams. *International Journal of Foundations of Computer Science*, 18(5):1043–1064, 2007.
- [59] Fabrizio Luccio, Linda Pagli, and Nicola Santoro. Network decontamination in presence of local immunity. *International Journal of Foundations of Computer Science*, 18(3):457–474, 2007.
- [60] Enzo Magalini and Giovanni Pighizzini. A pumping condition for ultralinear languages. *International Journal of Foundations of Computer Science*, 18(6):1303–1312, 2007.
- [61] Andreas Malcher and Bettina Sunckel. On metalinear parallel communicating grammar systems. *International Journal of Foundations of Computer Science*, 18(6):1313–1322, 2007.

- [62] Andreas Maletti. Pure and o-substitution. *International Journal of Foundations of Computer Science*, 18(4):829–845, 2007.
- [63] Partha Sarathi Mandal and Krishnendu Mukhopadhyaya. Mobile agent based checkpointing with concurrent initiations. *International Journal of Foundations of Computer Science*, 18(5):1107–1122, 2007.
- [64] Carlos Martín-Vide and Victor Mitrana. Decision problems on path-controlled grammars. *International Journal of Foundations of Computer Science*, 18(6):1323–1332, 2007.
- [65] Hartmut Messerschmidt and Friedrich Otto. Cooperating distributed systems of restarting automata. *International Journal of Foundations of Computer Science*, 18(6):1333–1342, 2007.
- [66] František Mráz, Martin Plátek, and Tomasz Jurdziński. Ambiguity by restarting automata. *International Journal of Foundations of Computer Science*, 18(6):1343–1352, 2007.
- [67] Florent Nicart, Jean-Marc Champarnaud, Tibor Csáki, Tamás Gaál, and André Kempe. Labelling multi-tape automata with constrained symbol classes. *International Journal of Foundations of Computer Science*, 18(4):847–858, 2007.
- [68] Taishin Y. Nishida. Membrane algorithm with brownian subalgorithm and genetic subalgorithm. *International Journal of Foundations of Computer Science*, 18(6):1353–1360, 2007.
- [69] Alexander Okhotin. Notes on dual concatenation. *International Journal of Foundations of Computer Science*, 18(6):1361–1370, 2007.
- [70] Gheorghe Păun, Mario J. Pérez-Jiménez, and Grzegorz Rozenberg. Computing morphisms by spiking neural p systems. *International Journal of Foundations of Computer Science*, 18(6):1371–1382, 2007.
- [71] Gheorghe Păun, Mario J. Pérez-Jiménez, and Arto Salomaa. Spiking neural p systems: An early survey. *International Journal of Foundations of Computer Science*, 18(3):435–455, 2007.
- [72] Chung Keung Poon, Feifeng Zheng, and Yinfeng Xu. On-demand bounded broadcast scheduling with tight deadlines. *International Journal of Foundations of Computer Science*, 18(2):251–262, 2007.

- [73] Francesco Quaglia. Software diversity-based active replication as an approach for enhancing the performance of advanced simulation systems. *International Journal of Foundations of Computer Science*, 18(3):495–515, 2007.
- [74] Bala Ravikumar and Nicolae Santean. On the existence of lookahead delegators for nfa. *International Journal of Foundations of Computer Science*, 18(5):949–973, 2007.
- [75] Klaus Reinhardt. A tree-height hierarchy of context-free languages. *International Journal of Foundations of Computer Science*, 18(6):1383–1394, 2007.
- [76] Arto Salomaa. Comparing subword occurrences in binary d0l sequences. *International Journal of Foundations of Computer Science*, 18(6):1395–1406, 2007.
- [77] Kai Salomaa and Paul Schofield. State complexity of additive weighted finite automata. *International Journal of Foundations of Computer Science*, 18(6):1407–1416, 2007.
- [78] Kai Salomaa and Sheng Yu. On the state complexity of combined operations and their estimation. *International Journal of Foundations of Computer Science*, 18(4):683–698, 2007.
- [79] Sven Schewe and Bernd Finkbeiner. Semi-automatic distributed synthesis. *International Journal of Foundations of Computer Science*, 18(1):113–138, 2007.
- [80] Arseny M. Shur. Rational approximations of polynomial factorial languages. *International Journal of Foundations of Computer Science*, 18(3):655–665, 2007.
- [81] Martin Šimůnek and B. Melichar. Borders and finite automata. *International Journal of Foundations of Computer Science*, 18(4):859–871, 2007.
- [82] Alan J. Soper and Vitaly A. Strusevich. An improved approximation algorithm for the two-machine flow shop scheduling problem with an interstage transporter. *International Journal of Foundations of Computer Science*, 18(3):565–591, 2007.

- [83] Ludwig Staiger. Prefix-free lukasiewicz languages. *International Journal of Foundations of Computer Science*, 18(6):1417–1423, 2007.
- [84] Tadao Takaoka and Stephen Violich. Fusing loopless algorithms for combinatorial generation. *International Journal of Foundations of Computer Science*, 18(2):263–293, 2007.
- [85] Maurice H. Ter Beek, Erzsébet Csuhaj-Varjú, Markus Holzer, and György Vaszil. On competence in cd grammar systems with parallel rewriting. *International Journal of Foundations of Computer Science*, 18(6):1425–1439, 2007.
- [86] Ryuhei Uehara and Yushi Uno. On computing longest paths in small graph classes. *International Journal of Foundations of Computer Science*, 18(5):911–930, 2007.
- [87] Bhuvan Urgaonkar, Arnold L. Rosenberg, and Prashant Shenoy. Application placement on a cluster of servers. *International Journal of Foundations of Computer Science*, 18(5):1023–1041, 2007.
- [88] Sheng Yu and Qing Zhao. Sc-expressions in object-oriented languages. *International Journal of Foundations of Computer Science*, 18(6):1441–1452, 2007.
- [89] Ésik Zoltán and Werner Kuich. Boolean fuzzy sets. *International Journal of Foundations of Computer Science*, 18(6):1197–1207, 2007.