References

[1] F. Abbes, M. Hbaib, and M. Merkhi. β-expansion and transcendence in $f_q((x^{-1}))$-star. *Theor. Comput. Sci.*, 516:71–77, 2014.

[2] Samy Abbes. Branching cells for asymmetric event structures. *Theor. Comput. Sci.*, 546:32–51, 2014.

[3] Parosh Aziz Abdulla, Yu-Fang Chen, Lukáš Holík, and Tomáš Vojnar. Mediating for reduction (on minimizing alternating büchi automata). *Theor. Comput. Sci.*, 552:26–43, 2014.

[4] Lowell Abrams and Dena S. Cowen-Morton. A family of nim-like arrays: The locator theorem. *Theor. Comput. Sci.*, 535:31–37, 2014.

[5] Samson Abramsky. Events in context. *Theor. Comput. Sci.*, 546:7–9, 2014.

[6] Luca Aceto, David de Frutos Escrig, Carlos Gregorio-Rodríguez, and Anna Ingolfsdottir. Axiomatizing weak simulation semantics over bccsp. *Theor. Comput. Sci.*, 537:42–71, 2014.

[7] Jiří Adámek, Stefan Milius, and Jiří Velebil. Base modules for parametrized iterativity. *Theor. Comput. Sci.*, 523:56–85, 2014.

[8] Pedro Adão, Paulo Mateus, and Luca Viganò. Protocol insecurity with a finite number of sessions and a cost-sensitive guessing intruder is np-complete. *Theor. Comput. Sci.*, 538:2–15, 2014.

[9] Yehuda Afek and Eli Gafni. A simple characterization of asynchronous computations. *Theor. Comput. Sci.*, 561, Part B:88–95, 2014.

[10] Arash Ahadi, Amirhossein Mozafari, and Alireza Zarei. Touring a sequence of disjoint polygons: Complexity and extension. *Theor. Comput. Sci.*, 556:45–54, 2014.

[11] Pritom Ahmed, Costas S. Iliopoulos, A.S.M. Sohidull Islam, and M. Sohel Rahman. The swap matching problem revisited. *Theor. Comput. Sci.*, 557:34–49, 2014.

[12] Sivan Albagli-Kim, Leah Epstein, Hadas Shachnai, and Tami Tamir. Packing resizable items with application to video delivery over wireless networks. *Theor. Comput. Sci.*, 553:91–105, 2014.

[13] Artiom Alhazov, Alberto Leporati, Giancarlo Mauri, Antonio E. Porreca, and Claudio Zandron. Space complexity equivalence of p systems with active membranes and turing machines. *Theor. Comput. Sci.*, 529:69–81, 2014.

[14] Mahsa Allahbakhshi. Computing degree and class degree. *Theor. Comput. Sci.*, 535:59–64, 2014.

[15] R. Alléaume, C. Branciard, J. Bouda, T. Debuisschert, M. Dianati, N. Gisin, M. Godfrey, P. Grangier, T. Länger, N. Lütkenhaus, C. Monyk, P. Painchault, M. Peev, A. Poppe, T. Pornin, J. Rarity, R. Renner, G. Ribordy, M. Riguidel, L. Salvail, A. Shields, H. Weinfurter, and A. Zeilinger. Using quantum key distribution for cryptographic purposes: A survey. *Theor. Comput. Sci.*, 560, Part 1:62–81, 2014.

[16] Amihood Amir, Alberto Apostolico, Estrella Eisenberg, Gad M. Landau, Avivit Levy, and Noa Lewenstein. Detecting approximate periodic patterns. *Theor. Comput. Sci.*, 525:60–67, 2014.

[17] Amihood Amir, Alberto Apostolico, Gad M. Landau, Ely Porat, and Oren Sar Shalom. A ptas for the square tiling problem. *Theor. Comput. Sci.*, 562:33–45, 2014.

[18] Amihood Amir, Estrella Eisenberg, Avivit Levy, and Noa Lewenstein. Closest periodic vectors in l_p spaces. *Theor. Comput. Sci.*, 533:26–36, 2014.

[19] Eric Angel, Evripidis Bampis, Gerasimos G. Pollatos, and Vassilis Zissimopoulos. Optimal data placement on networks with a constant number of clients. *Theor. Comput. Sci.*, 540-541:82–88, 2014.

[20] Enrico Angelelli, Cristina Bazgan, M. Grazia Speranza, and Zsolt Tuza. Complexity and approximation for traveling salesman problems with profits. *Theor. Comput. Sci.*, 531:54–65, 2014.

[21] Spyros Angelopoulos, Alejandro López-Ortiz, and Konstantinos Panagiotou. Multi-target ray searching problems. *Theor. Comput. Sci.*, 540-541:2–12, 2014.

[22] Martin Anthony and Joel Ratsaby. Learning bounds via sample width for classifiers on finite metric spaces. *Theor. Comput. Sci.*, 529:2–10, 2014.

[23] Alberto Apostolico, Péter L. Erdős, István Miklós, and Johannes Siemons. Modulated string searching. *Theor. Comput. Sci.*, 525:23–29, 2014.

[24] Carlos Areces, Facundo Carreiro, and Santiago Figueira. Characterization, definability and separation via saturated models. *Theor. Comput. Sci.*, 537:72–86, 2014.

[25] Pierre Arnoux, Masahiro Mizutani, and Tarek Sellami. Random product of substitutions with the same incidence matrix. *Theor. Comput. Sci.*, 543:68–78, 2014.

[26] Yuichi Asahiro, Hiroshi Eto, Takehiro Ito, and Eiji Miyano. Complexity of finding maximum regular induced subgraphs with prescribed degree. *Theor. Comput. Sci.*, 550:21–35, 2014.

[27] Jasine Babu, Manu Basavaraju, L. Sunil Chandran, and Deepak Rajendraprasad. 2-connecting outerplanar graphs without blowing up the pathwidth. *Theor. Comput. Sci.*, 554:119–134, 2014.

[28] Valeriy Balabanov, Hui-Ju Katherine Chiang, and Jie-Hong R. Jiang. Henkin quantifiers and boolean formulae: A certification perspective of dqbf. *Theor. Comput. Sci.*, 523:86–100, 2014.

[29] Kathrin Ballerstein and Dirk Oliver Theis. An algorithm for random signed 3-sat with intervals. *Theor. Comput. Sci.*, 524:1–26, 2014.

[30] A. Ballester-Bolinches, E. Cosme-Llópez, and R. Esteban-Romero. A description based on languages of the final non-deterministic automaton. *Theor. Comput. Sci.*, 536:1–20, 2014.

[31] Sayan Bandyapadhyay, Aritra Banik, Sandip Das, and Hirak Sarkar. Voronoi game on graphs. *Theor. Comput. Sci.*, 562:270–282, 2014.

[32] Jørgen Bang-Jensen and Stéphane Bessy. (arc-)disjoint flows in networks. *Theor. Comput. Sci.*, 526:28–40, 2014.

[33] Jørgen Bang-Jensen, Frédéric Havet, and A. Karolinna Maia. Finding a subdivision of a digraph. *Theor. Comput. Sci.*, 562:283–303, 2014.

[34] Jørgen Bang-Jensen and Anders Yeo. The complexity of multicut and mixed multicut problems in (di)graphs. *Theor. Comput. Sci.*, 520:87–96, 2014.

[35] Roberto Barbuti, Andrea Maggiolo-Schettini, Paolo Milazzo, and Giovanni Pardini. Simulation of spatial p system models. *Theor. Comput. Sci.*, 529:11–45, 2014.

[36] Joshua Baron, Yuval Ishai, and Rafail Ostrovsky. On linear-size pseudorandom generators and hardcore functions. *Theor. Comput. Sci.*, 554:50–63, 2014.

[37] Carl Barton, Costas S. Iliopoulos, Inbok Lee, Laurent Mouchard, Kunsoo Park, and Solon P. Pissis. Extending alignments with k-mismatches and ℓ-gaps. *Theor. Comput. Sci.*, 525:80–88, 2014.

[38] Olivier Baudon, Julien Bensmail, Jakub Przybyło, and Mariusz Woźniak. Partitioning powers of traceable or hamiltonian graphs. *Theor. Comput. Sci.*, 520:133–137, 2014.

[39] Andrej Bauer, Gordon D. Plotkin, and Dana S. Scott. Cartesian closed categories of separable scott domains. *Theor. Comput. Sci.*, 546:17–29, 2014.

[40] Hervé Baumann, Pierre Fraigniaud, Hovhannes A. Harutyunyan, and Rémi de Verclos. The worst case behavior of randomized gossip protocols. *Theor. Comput. Sci.*, 560, Part 2:108–120, 2014.

[41] Lukas Belke, Thomas Kesselheim, Arie M.C.A. Koster, and Berthold Vöcking. Comparative study of approximation algorithms and heuristics for sinr scheduling with power control. *Theor. Comput. Sci.*, 553:64–73, 2014.

[42] Shalev Ben-David and Lev Reyzin. Data stability in clustering: A closer look. *Theor. Comput. Sci.*, 558:51–61, 2014.

[43] Oren Ben-Kiki, Philip Bille, Dany Breslauer, Leszek Gąsieniec, Roberto Grossi, and Oren Weimann. Towards optimal packed string matching. *Theor. Comput. Sci.*, 525:111–129, 2014.

[44] Michael Benedikt, Gabriele Puppis, and Cristian Riveros. The per-character cost of repairing word languages. *Theor. Comput. Sci.*, 539:38–67, 2014.

[45] Charles H. Bennett and Gilles Brassard. Quantum cryptography: Public key distribution and coin tossing. *Theor. Comput. Sci.*, 560, Part 1:7–11, 2014.

[46] Suna Bensch, Frank Drewes, Helmut Jürgensen, and Brink van der Merwe. Graph transformation for incremental natural language analysis. *Theor. Comput. Sci.*, 531:1–25, 2014.

[47] Albert Benveniste, Claude Jard, and Samy Abbes. Application of branching cells to qos aware service orchestrations. *Theor. Comput. Sci.*, 546:52–62, 2014.

[48] Petra Berenbrink, Robert Elsässer, and Thomas Sauerwald. Randomised broadcasting: Memory vs. randomness. *Theor. Comput. Sci.*, 520:27–42, 2014.

[49] Jean-Claude Bermond, Bi Li, Nicolas Nisse, Hervé Rivano, and Min-Li Yu. Data gathering and personalized broadcasting in radio grids with interference. *Theor. Comput. Sci.*, 562:453–475, 2014.

[50] Sergio Bermudo and Henning Fernau. Combinatorics for smaller kernels: The differential of a graph. *Theor. Comput. Sci.*, 562:330–345, 2014.

[51] Marco Bernardo, Rocco De Nicola, and Michele Loreti. Relating strong behavioral equivalences for processes with nondeterminism and probabilities. *Theor. Comput. Sci.*, 546:63–92, 2014.

[52] Jingguo Bi and Qi Cheng. Lower bounds of shortest vector lengths in random ntru lattices. *Theor. Comput. Sci.*, 560, Part 2:121–130, 2014.

[53] Maria Paola Bianchi, Hans-Joachim Böckenhauer, Juraj Hromkovič, Sacha Krug, and Björn Steffen. On the advice complexity of the online

$l(2,1)$-coloring problem on paths and cycles. *Theor. Comput. Sci.*, 554:22–39, 2014.

[54] Maria Paola Bianchi, Carlo Mereghetti, and Beatrice Palano. Size lower bounds for quantum automata. *Theor. Comput. Sci.*, 551:102–115, 2014.

[55] Marta Bílková, Alessandra Palmigiano, and Yde Venema. Proof systems for moss' coalgebraic logic. *Theor. Comput. Sci.*, 549:36–60, 2014.

[56] Philip Bille, Patrick Hagge Cording, and Inge Li Gørtz. Compact q-gram profiling of compressed strings. *Theor. Comput. Sci.*, 550:51–58, 2014.

[57] Davide Bilò, Luciano Gualà, Stefano Leucci, and Guido Proietti. Specializations and generalizations of the stackelberg minimum spanning tree game. *Theor. Comput. Sci.*, 562:643–657, 2014.

[58] Carla Binucci, Walter Didimo, and Maurizio Patrignani. Upward and quasi-upward planarity testing of embedded mixed graphs. *Theor. Comput. Sci.*, 526:75–89, 2014.

[59] Péter Biró, Matthijs Bomhoff, Petr A. Golovach, Walter Kern, and Daniël Paulusma. Solutions for the stable roommates problem with payments. *Theor. Comput. Sci.*, 540-541:53–61, 2014.

[60] Henrik Björklund, Johanna Björklund, and Niklas Zechner. Compression of finite-state automata through failure transitions. *Theor. Comput. Sci.*, 557:87–100, 2014.

[61] F. Blanchet-Sadri, Bob Chen, and Sinziana Munteanu. Recurrence in infinite partial words. *Theor. Comput. Sci.*, 524:41–47, 2014.

[62] F. Blanchet-Sadri, Yang Jiao, John M. Machacek, J.D. Quigley, and Xufan Zhang. Squares in partial words. *Theor. Comput. Sci.*, 530:42–57, 2014.

[63] Guillaume Blin, Paola Bonizzoni, Riccardo Dondi, Romeo Rizzi, and Florian Sikora. Complexity insights of the MINIMUM DUPLICATION problem. *Theor. Comput. Sci.*, 530:66–79, 2014.

[64] Hans-Joachim Böckenhauer, Juraj Hromkovič, Dennis Komm, Sacha Krug, Jasmin Smula, and Andreas Sprock. The string guessing problem as a method to prove lower bounds on the advice complexity. *Theor. Comput. Sci.*, 554:95–108, 2014.

[65] Hans-Joachim Böckenhauer, Dennis Komm, Richard Královič, and Peter Rossmanith. The online knapsack problem: Advice and randomization. *Theor. Comput. Sci.*, 527:61–72, 2014.

[66] Hans L. Bodlaender, Dieter Kratsch, and Sjoerd T. Timmer. Exact algorithms for kayles. *Theor. Comput. Sci.*, 562:165–176, 2014.

[67] Beate Bollig, Marc Gillé, and Tobias Pröger. Implicit computation of maximum bipartite matchings by sublinear functional operations. *Theor. Comput. Sci.*, 560, Part 2:131–146, 2014.

[68] Blai Bonet, Patrik Haslum, Victor Khomenko, Sylvie Thiébaux, and Walter Vogler. Recent advances in unfolding technique. *Theor. Comput. Sci.*, 551:84–101, 2014.

[69] Shaunak D. Bopardikar and Subhash Suri. k-capture in multiagent pursuit evasion, or the lion and the hyenas. *Theor. Comput. Sci.*, 522:13–23, 2014.

[70] Nicolas Boria and Federico Della Croce. Reoptimization in machine scheduling. *Theor. Comput. Sci.*, 540-541:13–26, 2014.

[71] Mieczysław Borowiecki, Ewa Drgas-Burchardt, and Elbieta Sidorowicz. A feedback vertex set of 2-degenerate graphs. *Theor. Comput. Sci.*, 557:50–58, 2014.

[72] Piotr Borowiecki, Dariusz Dereniowski, and Paweł Prałat. Brushing with additional cleaning restrictions. *Theor. Comput. Sci.*, 557:76–86, 2014.

[73] Andrzej M. Borzyszkowski. Computing majority via multiple queries. *Theor. Comput. Sci.*, 539:106–111, 2014.

[74] Florent Bouchy, Alain Finkel, and Pierluigi San Pietro. Dense-choice counter machines revisited. *Theor. Comput. Sci.*, 542:17–31, 2014.

[75] Joan Boyar, Kim S. Larsen, and Abyayananda Maiti. A comparison of performance measures via online search. *Theor. Comput. Sci.*, 532:2–13, 2014.

[76] Laura Bozzelli and Sophie Pinchinat. Verification of gap-order constraint abstractions of counter systems. *Theor. Comput. Sci.*, 523:1–36, 2014.

[77] Vladimir Braverman, Ran Gelles, and Rafail Ostrovsky. How to catch l_2-heavy-hitters on sliding windows. *Theor. Comput. Sci.*, 554:82–94, 2014.

[78] Davide Bresolin, Dario Della Monica, Angelo Montanari, Pietro Sala, and Guido Sciavicco. Interval temporal logics over strongly discrete linear orders: Expressiveness and complexity. *Theor. Comput. Sci.*, 560, Part 3:269–291, 2014.

[79] Sabine Broda, António Machiavelo, Nelma Moreira, and Rogério Reis. A hitchhiker's guide to descriptional complexity through analytic combinatorics. *Theor. Comput. Sci.*, 528:85–100, 2014.

[80] Gerth Stølting Brodal, Alexis C. Kaporis, Apostolos N. Papadopoulos, Spyros Sioutas, Konstantinos Tsakalidis, and Kostas Tsichlas. Dynamic 3-sided planar range queries with expected doubly-logarithmic time. *Theor. Comput. Sci.*, 526:58–74, 2014.

[81] Janusz Brzozowski and Hellis Tamm. Theory of átomata. *Theor. Comput. Sci.*, 539:13–27, 2014.

[82] Tian-Ming Bu, Chen Yuan, and Peng Zhang. Computing on binary strings. *Theor. Comput. Sci.*, 562:122–128, 2014.

[83] Anna Bucalo and Giuseppe Rosolini. Sobriety for equilogical spaces. *Theor. Comput. Sci.*, 546:93–98, 2014.

[84] Mike Burrell, Robin Cockett, and Brian Redmond. Safe recursion revisited i: Categorical semantics for lower complexity. *Theor. Comput. Sci.*, 515:19–45, 2014.

[85] Joakim Byg, Morten Jacobsen, Lasse Jacobsen, Kenneth Yrke Jørgensen, Mikael Harkjær Møller, and Jiří Srba. Tctl-preserving

translations from timed-arc petri nets to networks of timed automata. *Theor. Comput. Sci.*, 537:3–28, 2014.

[86] T. Calamoneri and R. Petreschi. On pairwise compatibility graphs having dilworth number two. *Theor. Comput. Sci.*, 524:34–40, 2014.

[87] Tiziana Calamoneri and Rossella Petreschi. On pairwise compatibility graphs having dilworth number k. *Theor. Comput. Sci.*, 547:82–89, 2014.

[88] Gruia Calinescu. Bounding the payment of approximate truthful mechanisms. *Theor. Comput. Sci.*, 562:419–435, 2014.

[89] Manoel Campêlo, Cristiana Huiban, Rudini M. Sampaio, and Yoshiko Wakabayashi. Hardness and inapproximability of convex recoloring problems. *Theor. Comput. Sci.*, 533:15–25, 2014.

[90] Felix Canavoi, Erich Grädel, and Roman Rabinovich. The discrete strategy improvement algorithm for parity games and complexity measures for directed graphs. *Theor. Comput. Sci.*, 560, Part 3:235–250, 2014.

[91] Domenico Cantone and Cristiano Longo. A decidable two-sorted quantified fragment of set theory with ordered pairs and some undecidable extensions. *Theor. Comput. Sci.*, 560, Part 3:307–325, 2014.

[92] Zhigang Cao, Xujin Chen, and Changjun Wang. Schedules for marketing products with negative externalities. *Theor. Comput. Sci.*, 554:191–206, 2014.

[93] Zhigang Cao and Xiaoguang Yang. The fashion game: Network extension of matching pennies. *Theor. Comput. Sci.*, 540-541:169–181, 2014.

[94] Márcia R. Cappelle, Lucia Penso, and Dieter Rautenbach. Recognizing some complementary products. *Theor. Comput. Sci.*, 521:1–7, 2014.

[95] Simona Caraiman and Vasile I. Manta. Histogram-based segmentation of quantum images. *Theor. Comput. Sci.*, 529:46–60, 2014.

[96] Alexandra Carpentier and Rémi Munos. Minimax number of strata for online stratified sampling: The case of noisy samples. *Theor. Comput. Sci.*, 558:77–106, 2014.

[97] Alda Carvalho, Carlos Pereira dos Santos, Cátia Dias, Francisco Coelho, João Pedro Neto, Richard Nowakowski, and Sandra Vinagre. On lattices from combinatorial game theory modularity and a representation theorem: Finite case. *Theor. Comput. Sci.*, 527:37–49, 2014.

[98] Pavol Černý, Martin Chmelík, Thomas A. Henzinger, and Arjun Radhakrishna. Interface simulation distances. *Theor. Comput. Sci.*, 560, Part 3:348–363, 2014.

[99] David Yu Cheng Chan and David Kirkpatrick. Multi-path algorithms for minimum-colour path problems with applications to approximating barrier resilience. *Theor. Comput. Sci.*, 553:74–90, 2014.

[100] Jian Chang, Jian-Liang Wu, and Yong-Ga A. Total colorings of planar graphs with sparse triangles. *Theor. Comput. Sci.*, 526:120–129, 2014.

[101] Krishnendu Chatterjee, Monika Henzinger, Sebastian Krinninger, Veronika Loitzenbauer, and Michael A. Raskin. Approximating the minimum cycle mean. *Theor. Comput. Sci.*, 547:104–116, 2014.

[102] Swarup Chattopadhyay, C.A. Murthy, and Sankar K. Pal. Fitting truncated geometric distributions in large scale real world networks. *Theor. Comput. Sci.*, 551:22–38, 2014.

[103] Shiri Chechik and David Peleg. Robust fault tolerant uncapacitated facility location. *Theor. Comput. Sci.*, 543:9–23, 2014.

[104] Fei Chen, Kwok-wo Wong, Xiaofeng Liao, and Tao Xiang. Period distribution of generalized discrete arnold cat map. *Theor. Comput. Sci.*, 552:13–25, 2014.

[105] Hung-Hsun Chen, Wen-Guei Hu, De-Jan Lai, and Song-Sun Lin. Nonemptiness problems of wang tiles with three colors. *Theor. Comput. Sci.*, 547:34–45, 2014.

[106] Jianer Chen, Jia-Hao Fan, and Sing-Hoi Sze. Parameterized and approximation algorithms for maximum agreement forest in multifurcating trees. *Theor. Comput. Sci.*, 562:496–512, 2014.

[107] Jie Chen and Hoeteck Wee. Doubly spatial encryption from dbdh. *Theor. Comput. Sci.*, 543:79–89, 2014.

[108] Wenbin Chen, Zhengzhang Chen, Nagiza F. Samatova, Lingxi Peng, Jianxiong Wang, and Maobin Tang. Solving the maximum duo-preservation string mapping problem with linear programming. *Theor. Comput. Sci.*, 530:1–11, 2014.

[109] Xiaofeng Chen, Willy Susilo, Jin Li, Duncan S. Wong, Jianfeng Ma, Shaohua Tang, and Qiang Tang. Efficient algorithms for secure outsourcing of bilinear pairings. *Theor. Comput. Sci.*, 562:112–121, 2014.

[110] Zhi-Zhong Chen, Ying Fan, and Lusheng Wang. Parameterized and approximation algorithms for finding two disjoint matchings. *Theor. Comput. Sci.*, 556:85–93, 2014.

[111] Zhixiang Chen, Bin Fu, Randy Goebel, Guohui Lin, Weitian Tong, Jinhui Xu, Boting Yang, Zhiyu Zhao, and Binhai Zhu. On the approximability of the exemplar adjacency number problem for genomes with gene repetitions. *Theor. Comput. Sci.*, 550:59–65, 2014.

[112] Eddie Cheng, Ke Qiu, and Zhizhang Shen. On the conditional diagnosability of matching composition networks. *Theor. Comput. Sci.*, 557:101–114, 2014.

[113] O. Cheong, R. El Shawi, and J. Gudmundsson. A fast algorithm for data collection along a fixed track. *Theor. Comput. Sci.*, 554:254–262, 2014.

[114] Francisco Chicano, Darrell Whitley, and Enrique Alba. Exact computation of the expectation surfaces for uniform crossover along with bit-flip mutation. *Theor. Comput. Sci.*, 545:76–93, 2014.

[115] Flavio Chierichetti, Ravi Kumar, and Mohammad Mahdian. The complexity of lsh feasibility. *Theor. Comput. Sci.*, 530:89–101, 2014.

[116] Chris Chilton, Bengt Jonsson, and Marta Kwiatkowska. An algebraic theory of interface automata. *Theor. Comput. Sci.*, 549:146–174, 2014.

[117] Miroslav Chlebík and Janka Chlebíková. Connection between conjunctive capacity and structural properties of graphs. *Theor. Comput. Sci.*, 554:109–118, 2014.

[118] Da-Jung Cho, Yo-Sub Han, and Sang-Ki Ko. Decidability of involution hypercodes. *Theor. Comput. Sci.*, 550:90–99, 2014.

[119] Byung-Cheon Choi and Jibok Chung. Two-agent single-machine scheduling problem with just-in-time jobs. *Theor. Comput. Sci.*, 543:37–45, 2014.

[120] Marie G. Christ, Lene M. Favrholdt, and Kim S. Larsen. Online bin covering: Expectations vs. guarantees. *Theor. Comput. Sci.*, 556:71–84, 2014.

[121] Manolis Christodoulakis, Michalis Christou, Maxime Crochemore, and Costas S. Iliopoulos. On the average number of regularities in a word. *Theor. Comput. Sci.*, 525:3–9, 2014.

[122] Ferdinando Cicalese, Gennaro Cordasco, Luisa Gargano, Martin Milanič, and Ugo Vaccaro. Latency-bounded target set selection in social networks. *Theor. Comput. Sci.*, 535:1–15, 2014.

[123] Ferdinando Cicalese, Eduardo Laber, Oren Weimann, and Raphael Yuster. Approximating the maximum consecutive subsums of a sequence. *Theor. Comput. Sci.*, 525:130–137, 2014.

[124] Christian Clausen, Olivier Danvy, and Moe Masuko. A characterization of moessner's sieve. *Theor. Comput. Sci.*, 546:244–256, 2014.

[125] Robin Cockett and Richard Garner. Restriction categories as enriched categories. *Theor. Comput. Sci.*, 523:37–55, 2014.

[126] Asaf Cohen, Shlomi Dolev, and Guy Leshem. Sensor networks: From dependence analysis via matroid bases to online synthesis. *Theor. Comput. Sci.*, 553:2–17, 2014.

[127] Liliana Cojocaru and Erkki Mäkinen. On some derivation mechanisms and the complexity of their szilard languages. *Theor. Comput. Sci.*, 537:87–96, 2014.

[128] Graham Cormode and Hossein Jowhari. A second look at counting triangles in graph streams. *Theor. Comput. Sci.*, 552:44–51, 2014.

[129] Corinna Cortes and Mehryar Mohri. Domain adaptation and sample bias correction theory and algorithm for regression. *Theor. Comput. Sci.*, 519:103–126, 2014.

[130] Christophe Costa Florêncio and Sicco Verwer. Regular inference as vertex coloring. *Theor. Comput. Sci.*, 558:18–34, 2014.

[131] Jean-François Couturier, Romain Letourneur, and Mathieu Liedloff. On the number of minimal dominating sets on some graph classes. *Theor. Comput. Sci.*, 562:634–642, 2014.

[132] Christophe Crespelle and Philippe Gambette. (nearly-)tight bounds on the contiguity and linearity of cographs. *Theor. Comput. Sci.*, 522:1–12, 2014.

[133] M. Crochemore, C.S. Iliopoulos, M. Kubica, J. Radoszewski, W. Rytter, and T. Waleń. Extracting powers and periods in a word from its runs structure. *Theor. Comput. Sci.*, 521:29–41, 2014.

[134] Maxime Crochemore, Alessio Langiu, and Filippo Mignosi. Note on the greedy parsing optimality for dictionary-based text compression. *Theor. Comput. Sci.*, 525:55–59, 2014.

[135] Pierre-Louis Curien, Richard Garner, and Martin Hofmann. Revisiting the categorical interpretation of dependent type theory. *Theor. Comput. Sci.*, 546:99–119, 2014.

[136] Konrad K. Dabrowski, Petr A. Golovach, and Daniel Paulusma. Colouring of graphs with ramsey-type forbidden subgraphs. *Theor. Comput. Sci.*, 522:34–43, 2014.

[137] Flavio D'Alessandro and Benedetto Intrigila. On the commutative equivalence of bounded context-free and regular languages: The code case. *Theor. Comput. Sci.*, 562:304–319, 2014.

[138] Flavio D'Alessandro and Benedetto Intrigila. On the commutative equivalence of semi-linear sets of n^k. *Theor. Comput. Sci.*, 562:476–495, 2014.

[139] Ivan Damgård, Serge Fehr, Louis Salvail, and Christian Schaffner. Secure identification and qkd in the bounded-quantum-storage model. *Theor. Comput. Sci.*, 560, Part 1:12–26, 2014.

[140] Nada Damljanović, Miroslav Ćirić, and Jelena Ignjatović. Bisimulations for weighted automata over an additively idempotent semiring. *Theor. Comput. Sci.*, 534:86–100, 2014.

[141] Gianlorenzo D'Angelo, Mattia D'Emidio, and Daniele Frigioni. A loop-free shortest-path routing algorithm for dynamic networks. *Theor. Comput. Sci.*, 516:1–19, 2014.

[142] Malte Darnstädt, Hans Ulrich Simon, and Balázs Szörényi. Supervised learning and co-training. *Theor. Comput. Sci.*, 519:68–87, 2014.

[143] Atish Das Sarma, Anisur Rahaman Molla, Gopal Pandurangan, and Eli Upfal. Fast distributed pagerank computation. *Theor. Comput. Sci.*, 561, Part B:113–121, 2014.

[144] Seda Davtyan, Kishori M. Konwar, Alexander Russell, and Alexander A. Shvartsman. Dealing with undependable workers in decentralized network supercomputing. *Theor. Comput. Sci.*, 561, Part B:96–112, 2014.

[145] Jacqueline W. Daykin and W.F. Smyth. A bijective variant of the burrows-wheeler transform using v-order. *Theor. Comput. Sci.*, 531:77–89, 2014.

[146] Michel Dekking. On the structure of thue-morse subwords, with an application to dynamical systems. *Theor. Comput. Sci.*, 550:107–112, 2014.

[147] O. Delmas, F. Havet, M. Montassier, and S. Pérennes. Design of fault-tolerant on-board networks with variable switch sizes. *Theor. Comput. Sci.*, 562:75–89, 2014.

[148] Carole Delporte-Gallet, Hugues Fauconnier, Eli Gafni, and Sergio Rajsbaum. Linear space bootstrap communication schemes. *Theor. Comput. Sci.*, 561, Part B:122–133, 2014.

[149] Erik D. Demaine, Martin L. Demaine, Nicholas J.A. Harvey, Ryuhei Uehara, Takeaki Uno, and Yushi Uno. Uno is hard, even for a single player. *Theor. Comput. Sci.*, 521:51–61, 2014.

[150] Marc Demange, Jérôme Monnot, Petrica Pop, and Bernard Ries. On the complexity of the selective graph coloring problem in some special classes of graphs. *Theor. Comput. Sci.*, 540-541:89–102, 2014.

[151] Lunzhi Deng and Jiwen Zeng. Two new identity-based threshold ring signature schemes. *Theor. Comput. Sci.*, 535:38–45, 2014.

[152] Xiaotie Deng, Paul Goldberg, Bo Tang, and Jinshan Zhang. Revenue maximization in a bayesian double auction market. *Theor. Comput. Sci.*, 539:1–12, 2014.

[153] Yuxin Deng, Rob van Glabbeek, Matthew Hennessy, and Carroll Morgan. Real-reward testing for probabilistic processes. *Theor. Comput. Sci.*, 538:16–36, 2014.

[154] Alberto Dennunzio, Enrico Formenti, and Julien Provillard. Three research directions in non-uniform cellular automata. *Theor. Comput. Sci.*, 559:73–90, 2014.

[155] Alberto Dennunzio, Enrico Formenti, and Michael Weiss. Multidimensional cellular automata: Closing property, quasi-expansivity, and (un)decidability issues. *Theor. Comput. Sci.*, 516:40–59, 2014.

[156] Volker Diekert and Martin Leucker. Topology, monitorable properties and runtime verification. *Theor. Comput. Sci.*, 537:29–41, 2014.

[157] Yoann Dieudonné and Andrzej Pelc. Price of asynchrony in mobile agents computing. *Theor. Comput. Sci.*, 524:59–67, 2014.

[158] Aleksandar S. Dimovski. Program verification using symbolic game semantics. *Theor. Comput. Sci.*, 560, Part 3:364–379, 2014.

[159] Yann Disser, Andreas Emil Feldmann, Max Klimm, and Matúš Mihalák. Improving the h_k-bound on the price of stability in undirected shapley network design games. *Theor. Comput. Sci.*, 562:557–564, 2014.

[160] Yann Disser, Subir Kumar Ghosh, Matúš Mihalák, and Peter Widmayer. Mapping a polygon with holes using a compass. *Theor. Comput. Sci.*, 553:106–113, 2014.

[161] Huy Hoang Do, Jesper Jansson, Kunihiko Sadakane, and Wing-Kin Sung. Fast relative lempel-ziv self-index for similar sequences. *Theor. Comput. Sci.*, 532:14–30, 2014.

[162] Benjamin Doerr and Marvin Künnemann. Optimizing linear functions with the $(1+\lambda)$ evolutionary algorithm — different asymptotic runtimes for different instances. *Theor. Comput. Sci.*, 561, Part A:3–23, 2014.

[163] Benjamin Doerr and Carola Winzen. Reducing the arity in unbiased black-box complexity. *Theor. Comput. Sci.*, 545:108–121, 2014.

[164] Martin Dörnfelder, Jiong Guo, Christian Komusiewicz, and Mathias Weller. On the parameterized complexity of consensus clustering. *Theor. Comput. Sci.*, 542:71–82, 2014.

[165] Feodor F. Dragan and Muad Abu-Ata. Collective additive tree spanners of bounded tree-breadth graphs with generalizations and consequences. *Theor. Comput. Sci.*, 547:1–17, 2014.

[166] Klaus Dräger, Marta Kwiatkowska, David Parker, and Hongyang Qu. Local abstraction refinement for probabilistic timed programs. *Theor. Comput. Sci.*, 538:37–53, 2014.

[167] Zhenhua Duan and Cong Tian. A practical decision procedure for propositional projection temporal logic with infinite models. *Theor. Comput. Sci.*, 554:169–190, 2014.

[168] Eric Duchêne and Gabriel Renault. Vertex nim played on graphs. *Theor. Comput. Sci.*, 516:20–27, 2014.

[169] Dyi-Rong Duh, Tzu-Lung Chen, and Yue-Li Wang. $(n-3)$-edge-fault-tolerant weak-pancyclicity of (n,k)-star graphs. *Theor. Comput. Sci.*, 516:28–39, 2014.

[170] Philippe Dumas. Asymptotic expansions for linear homogeneous divide-and-conquer recurrences: Algebraic and analytic approaches collated. *Theor. Comput. Sci.*, 548:25–53, 2014.

[171] J.-P. Duval, T. Lecroq, and A. Lefebvre. Linear computation of unbordered conjugate on unordered alphabet. *Theor. Comput. Sci.*, 522:77–84, 2014.

[172] James A. Edwards and Uzi Vishkin. Parallel algorithms for burrows-wheeler compression and decompression. *Theor. Comput. Sci.*, 525:10–22, 2014.

[173] Lavinia Egidi and Giovanni Manzini. Design and analysis of periodic multiple seeds. *Theor. Comput. Sci.*, 522:62–76, 2014.

[174] Hiromi Ei. Stepped surfaces and rauzy fractals induced from automorphisms on the free group of rank 2. *Theor. Comput. Sci.*, 528:57–78, 2014.

[175] Pavlos Eirinakis, Dimitrios Magos, and Ioannis Mourtos. Blockers and antiblockers of stable matchings. *Theor. Comput. Sci.*, 524:126–133, 2014.

[176] Amr Elmasry, Daniel Dahl Juhl, Jyrki Katajainen, and Srinivasa Rao Satti. Selection from read-only memory with limited workspace. *Theor. Comput. Sci.*, 554:64–73, 2014.

[177] Yotam Elor and Alfred M. Bruckstein. “robot cloud” gradient climbing with point measurements. *Theor. Comput. Sci.*, 547:90–103, 2014.

[178] Bruno Escoffier, Vangelis Th. Paschos, and Emeric Tourniaire. Approximating max sat by moderately exponential and parameterized algorithms. *Theor. Comput. Sci.*, 560, Part 2:147–157, 2014.

[179] Z. Ésik. Axiomatizing weighted synchronization trees and weighted bisimilarity. *Theor. Comput. Sci.*, 534:2–23, 2014.

[180] Marco Faella, Salvatore La Torre, and Aniello Murano. Automata-theoretic decision of timed games. *Theor. Comput. Sci.*, 515:46–63, 2014.

[181] Uli Fahrenberg and Axel Legay. The quantitative linear-time-branching-time spectrum. *Theor. Comput. Sci.*, 538:54–69, 2014.

[182] Chenglin Fan, Jun Luo, Wencheng Wang, and Binhai Zhu. Voronoi diagram with visual restriction. *Theor. Comput. Sci.*, 532:31–39, 2014.

[183] Jing Fan, Xiwen Lu, and Peihai Liu. Integrated scheduling of production and delivery on a single machine with availability constraint. *Theor. Comput. Sci.*, 562:581–589, 2014.

[184] Angelo Fanelli, Dariusz Leniowski, Gianpiero Monaco, and Piotr Sankowski. The ring design game with fair cost allocation. *Theor. Comput. Sci.*, 562:90–100, 2014.

[185] MohammadAmin Fazli, Mohammad Ghodsi, Jafar Habibi, Pooya Jalaly, Vahab Mirrokni, and Sina Sadeghian. On non-progressive spread of influence through social networks. *Theor. Comput. Sci.*, 550:36–50, 2014.

[186] Qilong Feng, Jianxin Wang, and Jianer Chen. Matching and weighted p_2-packing: Algorithms and kernels. *Theor. Comput. Sci.*, 522:85–94, 2014.

[187] Qilong Feng, Jianxin Wang, Chao Xu, Jinyi Yao, and Jianer Chen. Improved parameterized algorithms for minimum link-length rectilinear spanning path problem. *Theor. Comput. Sci.*, 560, Part 2:158–171, 2014.

[188] Cristina G. Fernandes and Rafael C.S. Schouery. Second-price ad auctions with binary bids and markets with good competition. *Theor. Comput. Sci.*, 540-541:103–114, 2014.

[189] Marcelo Fiore. Analytic functors between presheaf categories over groupoids. *Theor. Comput. Sci.*, 546:120–131, 2014.

[190] Fedor V. Fomin, Frédéric Giroire, Alain Jean-Marie, Dorian Mazauric, and Nicolas Nisse. To satisfy impatient web surfers is hard. *Theor. Comput. Sci.*, 526:1–17, 2014.

[191] Enrico Formenti, Trung Van Pham, Thi Ha Duong Phan, and Thi Thu Huong Tran. Fixed-point forms of the parallel symmetric sandpile model. *Theor. Comput. Sci.*, 533:1–14, 2014.

[192] Dimitris Fotakis, Alexis C. Kaporis, Thanasis Lianeas, and Paul G. Spirakis. On the hardness of network design for bottleneck routing games. *Theor. Comput. Sci.*, 521:107–122, 2014.

[193] Dimitris Fotakis and Paraschos Koutris. Online sum-radii clustering. *Theor. Comput. Sci.*, 540-541:27–39, 2014.

[194] Dimitris Fotakis and Paris Siminelakis. On the efficiency of influence-and-exploit strategies for revenue maximization under positive externalities. *Theor. Comput. Sci.*, 539:68–86, 2014.

[195] Aviezri S. Fraenkel and Jamie Simpson. Corrigendum to "the exact number of squares in fibonacci words". *Theor. Comput. Sci.*, 547:122–122, 2014. Originally in Theor. Comput. Sci., Vol. 218, 1999, No. 1, 95-106.

[196] Fabrizio Frati, Joachim Gudmundsson, and Emo Welzl. On the number of upward planar orientations of maximal planar graphs. *Theor. Comput. Sci.*, 544:32–59, 2014.

[197] Christiane Frougny, Pavel Heller, Edita Pelantová, and Milena Svobodová. k-block parallel addition versus 1-block parallel addition in non-standard numeration systems. *Theor. Comput. Sci.*, 543:52–67, 2014.

[198] Hao Fu and Guo-Niu Han. On t-extensions of the hankel determinants of certain automatic sequences. *Theor. Comput. Sci.*, 562:46–56, 2014.

[199] Michael Fuchs, Hsien-Kuei Hwang, and Vytas Zacharovas. An analytic approach to the asymptotic variance of trie statistics and related structures. *Theor. Comput. Sci.*, 527:1–36, 2014.

[200] Ken-etsu Fujita and Aleksy Schubert. Existential type systems between church and curry style (type-free style). *Theor. Comput. Sci.*, 549:17–35, 2014.

[201] Masanobu Furuse and Koichi Yamazaki. A revisit of the scheme for computing treewidth and minimum fill-in. *Theor. Comput. Sci.*, 531:66–76, 2014.

[202] Maximilien Gadouleau and Søren Riis. Memoryless computation: New results, constructions, and extensions. *Theor. Comput. Sci.*, 562:129–145, 2014.

[203] Hongbiao Gao, Yuichi Goto, and Jingde Cheng. A systematic methodology for automated theorem finding. *Theor. Comput. Sci.*, 554:2–21, 2014.

[204] Ziyuan Gao and Frank Stephan. Confident and consistent partial learning of recursive functions. *Theor. Comput. Sci.*, 558:5–17, 2014.

[205] Mikael Gast and Mathias Hauptmann. Approximability of the vertex cover problem in power-law graphs. *Theor. Comput. Sci.*, 516:60–70, 2014.

[206] Mikael Gast, Mathias Hauptmann, and Marek Karpinski. Inapproximability of dominating set on power law graphs. *Theor. Comput. Sci.*, 562:436–452, 2014.

[207] Paul Gastin and Benjamin Monmege. Adding pebbles to weighted automata: Easy specification & efficient evaluation. *Theor. Comput. Sci.*, 534:24–44, 2014.

[208] Alexander Gavruskin, Bakhadyr Khoussainov, Mikhail Kokho, and Jiamou Liu. Dynamic algorithms for monotonic interval scheduling problem. *Theor. Comput. Sci.*, 562:227–242, 2014.

[209] Daniel Genkin, Michael Kaminski, and Liat Peterfreund. A note on the emptiness problem for alternating finite-memory automata. *Theor. Comput. Sci.*, 526:97–107, 2014.

[210] Konstantinos Georgiou, George Karakostas, Jochen Könemann, and Zuzanna Stamirowska. Social exchange networks with distant bargaining. *Theor. Comput. Sci.*, 554:263–274, 2014.

[211] Sébastien Gerchinovitz and Jia Yuan Yu. Adaptive and optimal online linear regression on ℓ^l-balls. *Theor. Comput. Sci.*, 519:4–28, 2014.

[212] Taha Ghasemi and Mohammadreza Razzazi. A ptas for the cardinality constrained covering with unit balls. *Theor. Comput. Sci.*, 527:50–60, 2014.

[213] Yiannis Giannakopoulos and Elias Koutsoupias. Competitive analysis of maintaining frequent items of a stream. *Theor. Comput. Sci.*, 562:23–32, 2014.

[214] Emanuele Giaquinta, Kimmo Fredriksson, Szymon Grabowski, Alexandru I. Tomescu, and Esko Ukkonen. Motif matching using gapped patterns. *Theor. Comput. Sci.*, 548:1–13, 2014.

[215] Sergio Giro. Optimal schedulers vs optimal bases: An approach for efficient exact solving of markov decision processes. *Theor. Comput. Sci.*, 538:70–83, 2014.

[216] Sergio Giro, Pedro R. D'Argenio, and Luis María Ferrer Fioriti. Distributed probabilistic input/output automata: Expressiveness, (un)decidability and algorithms. *Theor. Comput. Sci.*, 538:84–102, 2014.

[217] Isaac Goldstein and Moshe Lewenstein. Quick greedy computation for minimum common string partition. *Theor. Comput. Sci.*, 542:98–107, 2014.

[218] Eric Goles and Pedro Montealegre. Computational complexity of threshold automata networks under different updating schemes. *Theor. Comput. Sci.*, 559:3–19, 2014.

[219] Alexander Golovnev and Konstantin Kutzkov. New exact algorithms for the 2-constraint satisfaction problem. *Theor. Comput. Sci.*, 526:18–27, 2014.

[220] Didem Gözüpek, Mordechai Shalom, Ariella Voloshin, and Shmuel Zaks. On the complexity of constructing minimum changeover cost arborescences. *Theor. Comput. Sci.*, 540-541:40–52, 2014.

[221] Gianluigi Greco and Francesco Scarcello. Tree projections and structural decomposition methods: Minimality and game-theoretic characterization. *Theor. Comput. Sci.*, 522:95–114, 2014.

[222] Andrey Grinshpun, Pakawat Phalitnonkiat, Sasha Rubin, and Andrei Tarfulea. Alternating traps in muller and parity games. *Theor. Comput. Sci.*, 521:73–91, 2014.

[223] Jiong Guo, Danny Hermelin, and Christian Komusiewicz. Local search for string problems: Brute-force is essentially optimal. *Theor. Comput. Sci.*, 525:30–41, 2014.

[224] Ying-Jun Guo and Zhi-Xiong Wen. Automaticity of the hankel determinants of difference sequences of the thue-morse sequence. *Theor. Comput. Sci.*, 552:1–12, 2014.

[225] Julian Gutierrez, Felix Klaedtke, and Martin Lange. The μ-calculus alternation hierarchy collapses over structures with restricted connectivity. *Theor. Comput. Sci.*, 560, Part 3:292–306, 2014.

[226] Magnús M. Halldórsson and Pradipta Mitra. Wireless capacity with arbitrary gain matrix. *Theor. Comput. Sci.*, 553:57–63, 2014.

[227] Xin Han, Yasushi Kawase, and Kazuhisa Makino. Randomized algorithms for online knapsack problems. *Theor. Comput. Sci.*, 562:395–405, 2014.

[228] Xin Han, Yasushi Kawase, Kazuhisa Makino, and He Guo. Online removable knapsack problem under convex function. *Theor. Comput. Sci.*, 540-541:62–69, 2014.

[229] Hiroyuki Hanada, Mineichi Kudo, and Atsuyoshi Nakamura. Average-case linear-time similar substring searching by the q-gram distance. *Theor. Comput. Sci.*, 530:23–41, 2014.

[230] Henri Hansen and Mark Timmer. A comparison of confluence and ample sets in probabilistic and non-probabilistic branching time. *Theor. Comput. Sci.*, 538:103–123, 2014.

[231] Tero Harju and Mike Müller. A note on short palindromes in square-free words. *Theor. Comput. Sci.*, 562:658–659, 2014.

[232] John Haslegrave. Bounds on herman's algorithm. *Theor. Comput. Sci.*, 550:100–106, 2014.

[233] Bryan Dawei He. A simple optimal binary representation of mosaic floorplans and baxter permutations. *Theor. Comput. Sci.*, 532:40–50, 2014.

[234] Pinar Heggernes, Pim van 't Hof, Daniel Meister, and Yngve Villanger. Induced subgraph isomorphism on proper interval and bipartite permutation graphs. *Theor. Comput. Sci.*, 562:252–269, 2014.

[235] Pavol Hell and Aurosish Mishra. h-coloring degree-bounded (acyclic) digraphs. *Theor. Comput. Sci.*, 554:40–49, 2014.

[236] Javier Herranz. Attribute-based signatures from rsa. *Theor. Comput. Sci.*, 527:73–82, 2014.

[237] Stefan Hetzl, Alexander Leitsch, Giselle Reis, and Daniel Weller. Algorithmic introduction of quantified cuts. *Theor. Comput. Sci.*, 549:1–16, 2014.

[238] Clemens Heuberger and Michela Mazzoli. Symmetric digit sets for elliptic curve scalar multiplication without precomputation. *Theor. Comput. Sci.*, 547:18–33, 2014.

[239] Kohei Honda, Nobuko Yoshida, and Martin Berger. An observationally complete program logic for imperative higher-order functions. *Theor. Comput. Sci.*, 517:75–101, 2014.

[240] Zhen-Mu Hong and Jun-Ming Xu. Vulnerability of super edge-connected networks. *Theor. Comput. Sci.*, 520:75–86, 2014.

[241] Juha Honkala. Remarks concerning the freeness problem over morphism and matrix semigroups. *Theor. Comput. Sci.*, 557:115–119, 2014.

[242] Anthony Honorat, Maria Potop-Butucaru, and Sébastien Tixeuil. Gathering fat mobile robots with slim omnidirectional cameras. *Theor. Comput. Sci.*, 557:1–27, 2014.

[243] Jun Hosoda, Juraj Hromkovič, Taisuke Izumi, Hirotaka Ono, Monika Steinová, and Koichi Wada. Corrigendum to "on the approximability and hardness of minimum topic connected overlay and its special instances". *Theor. Comput. Sci.*, 562:660–661, 2014. Originally in Theor. Comput. Sci., Vol. 429, 2012, 144-154.

[244] David Howard. Determining membership with 2 simultaneous queries. *Theor. Comput. Sci.*, 543:112–119, 2014.

[245] Fu-Tao Hu and Moo Young Sohn. The algorithmic complexity of bondage and reinforcement problems in bipartite graphs. *Theor. Comput. Sci.*, 535:46–53, 2014.

[246] Qiong Huang, Guomin Yang, Duncan S. Wong, and Willy Susilo. Ambiguous optimistic fair exchange: Definition and constructions. *Theor. Comput. Sci.*, 562:177–193, 2014.

[247] J.M.E. Hyland. Elements of a theory of algebraic theories. *Theor. Comput. Sci.*, 546:132–144, 2014.

[248] Atalay Mert İleri, M. Oğuzhan Külekci, and Bojian Xu. A simple yet time-optimal and linear-space algorithm for shortest unique substring queries. *Theor. Comput. Sci.*, 562:621–633, 2014.

[249] Lawrence M. Ioannou and Michele Mosca. Public-key cryptography based on bounded quantum reference frames. *Theor. Comput. Sci.*, 560, Part 1:33–45, 2014.

[250] Takehiro Ito, Kazuto Kawamura, Hirotaka Ono, and Xiao Zhou. Reconfiguration of list $l(2,1)$-labelings in a graph. *Theor. Comput. Sci.*, 544:84–97, 2014.

[251] Takehiro Ito, Shin-ichi Nakano, Yoshio Okamoto, Yota Otachi, Ryuhei Uehara, Takeaki Uno, and Yushi Uno. A 4.31-approximation for the geometric unique coverage problem on unit disks. *Theor. Comput. Sci.*, 544:14–31, 2014.

[252] Tomoko Izumi, Keigo Kinpara, Taisuke Izumi, and Koichi Wada. Space-efficient self-stabilizing counting population protocols on mobile sensor networks. *Theor. Comput. Sci.*, 552:99–108, 2014.

[253] Tatiana Jajcayová, Edita Pelantová, and Štěpán Starosta. Palindromic closures using multiple antimorphisms. *Theor. Comput. Sci.*, 533:37–45, 2014.

[254] Thomas Jansen and Christine Zarges. Performance analysis of randomised search heuristics operating with a fixed budget. *Theor. Comput. Sci.*, 545:39–58, 2014.

[255] Shaoquan Jiang. Timed encryption with application to deniable key exchange. *Theor. Comput. Sci.*, 560, Part 2:172–189, 2014.

[256] Maohua Jing, Yixian Yang, Ning Lu, Wenbo Shi, and Changyong Yu. Postfix automata. *Theor. Comput. Sci.*, 562:590–605, 2014.

[257] Ming-Yi Ju, Jeng-Jung Wang, and Shu-Hao Chang. Diameter variability of hypercubes. *Theor. Comput. Sci.*, 542:63–70, 2014.

[258] Thomas Kahl. Weak morphisms of higher dimensional automata. *Theor. Comput. Sci.*, 536:42–61, 2014.

[259] Jan-Philipp W. Kappmeier, Jannik Matuschke, and Britta Peis. Abstract flows over time: A first step towards solving dynamic packing problems. *Theor. Comput. Sci.*, 544:74–83, 2014.

[260] Lila Kari, Stavros Konstantinidis, and Steffen Kopecki. On the maximality of languages with combined types of code properties. *Theor. Comput. Sci.*, 550:79–89, 2014.

[261] T. Karthick. On atomic structure of p_5-free subclasses and maximum weight independent set problem. *Theor. Comput. Sci.*, 516:78–85, 2014.

[262] Orgad Keller, Tsvi Kopelowitz, Shir Landau Feibish, and Moshe Lewenstein. Generalized substring compression. *Theor. Comput. Sci.*, 525:42–54, 2014.

[263] Hee-Chul Kim, Hyeong-Seok Lim, and Jung-Heum Park. An approach to conditional diagnosability analysis under the pmc model and its application to torus networks. *Theor. Comput. Sci.*, 548:98–116, 2014.

[264] Jinil Kim, Peter Eades, Rudolf Fleischer, Seok-Hee Hong, Costas S. Iliopoulos, Kunsoo Park, Simon J. Puglisi, and Takeshi Tokuyama. Order-preserving matching. *Theor. Comput. Sci.*, 525:68–79, 2014.

[265] Sook-Yeon Kim and Jung-Heum Park. Many-to-many two-disjoint path covers in restricted hypercube-like graphs. *Theor. Comput. Sci.*, 531:26–36, 2014.

[266] Yoshiki Kinoshita and John Power. Category theoretic structure of setoids. *Theor. Comput. Sci.*, 546:145–163, 2014.

[267] Shiva Kintali, Nishad Kothari, and Akash Kumar. Approximation algorithms for digraph width parameters. *Theor. Comput. Sci.*, 562:365–376, 2014.

[268] Daniel Kirsten. An algebraic characterization of semirings for which the support of every recognizable series is recognizable. *Theor. Comput. Sci.*, 534:45–52, 2014.

[269] Vladimir Klebanov. Precise quantitative information flow analysis — a symbolic approach. *Theor. Comput. Sci.*, 538:124–139, 2014.

[270] Ton Kloks, Sheung-Hung Poon, Feng-Ren Tsai, and Yue-Li Wang. On the complexity of the black-and-white coloring problem on some classes of perfect graphs. *Theor. Comput. Sci.*, 532:51–63, 2014.

[271] Kojiro Kobayashi. The minimum firing time of the generalized firing squad synchronization problem for squares. *Theor. Comput. Sci.*, 547:46–69, 2014.

[272] Yasuaki Kobayashi, Hirokazu Maruta, Yusuke Nakae, and Hisao Tamaki. A linear edge kernel for two-layer crossing minimization. *Theor. Comput. Sci.*, 554:74–81, 2014.

[273] Yuki Kobayashi, Yuya Higashikawa, Naoki Katoh, and Naoyuki Kamiyama. An inductive construction of minimally rigid body-hinge simple graphs. *Theor. Comput. Sci.*, 556:2–12, 2014.

[274] Kassian Kobert, Jörg Hauser, and Alexandros Stamatakis. Is the protein model assignment problem under linked branch lengths np-hard? *Theor. Comput. Sci.*, 524:48–58, 2014.

[275] Tomasz Kociumaka, Jakub Pachocki, Jakub Radoszewski, Wojciech Rytter, and Tomasz Waleń. Efficient counting of square substrings in a tree. *Theor. Comput. Sci.*, 544:60–73, 2014.

[276] Wouter M. Koolen and Vladimir Vovk. Buy low, sell high. *Theor. Comput. Sci.*, 558:144–158, 2014.

[277] Timo Kötzing. Iterative learning from positive data and counters. *Theor. Comput. Sci.*, 519:155–169, 2014.

[278] Timo Kötzing, Andrew M. Sutton, Frank Neumann, and Una-May O'Reilly. The max problem revisited: The importance of mutation in genetic programming. *Theor. Comput. Sci.*, 545:94–107, 2014.

[279] Łukasz Kowalik and Marcin Mucha. A $9k$ kernel for nonseparating independent set in planar graphs. *Theor. Comput. Sci.*, 516:86–95, 2014.

[280] Chris J. Kuhlman and Henning S. Mortveit. Attractor stability in nonuniform boolean networks. *Theor. Comput. Sci.*, 559:20–33, 2014.

[281] Mrinal Kumar, Sounaka Mishra, N. Safina Devi, and Saket Saurabh. Approximation algorithms for node deletion problems on bipartite graphs with finite forbidden subgraph characterization. *Theor. Comput. Sci.*, 526:90–96, 2014.

[282] Petr Kůrka. Exact real arithmetic for interval number systems. *Theor. Comput. Sci.*, 542:32–43, 2014.

[283] Dietrich Kuske. Isomorphisms of scattered automatic linear orders. *Theor. Comput. Sci.*, 533:46–63, 2014.

[284] Shay Kutten, Gopal Pandurangan, David Peleg, Peter Robinson, and Amitabh Trehan. Sublinear bounds for randomized leader election. *Theor. Comput. Sci.*, 561, Part B:134–143, 2014.

[285] Martin Lange, Etienne Lozes, and Manuel Vargas Guzmán. Model-checking process equivalences. *Theor. Comput. Sci.*, 560, Part 3:326–347, 2014.

[286] Kim G. Larsen, Axel Legay, Louis-Marie Traonouez, and Andrzej Wąsowski. Robust synthesis for real-time systems. *Theor. Comput. Sci.*, 515:96–122, 2014.

[287] Kim G. Larsen and Radu Mardare. Complete proof systems for weighted modal logic. *Theor. Comput. Sci.*, 546:164–175, 2014.

[288] Jörg Lässig and Dirk Sudholt. Analysis of speedups in parallel evolutionary algorithms and $(1 + \lambda)$ eas for combinatorial optimization. *Theor. Comput. Sci.*, 551:66–83, 2014.

[289] Tor Lattimore and Marcus Hutter. General time consistent discounting. *Theor. Comput. Sci.*, 519:140–154, 2014.

[290] Tor Lattimore and Marcus Hutter. Near-optimal pac bounds for discounted mdps. *Theor. Comput. Sci.*, 558:125–143, 2014.

[291] Van Bang Le and Ragnar Nevries. Complexity and algorithms for recognizing polar and monopolar graphs. *Theor. Comput. Sci.*, 528:1–11, 2014.

[292] Van Bang Le and Florian Pfender. Complexity results for rainbow matchings. *Theor. Comput. Sci.*, 524:27–33, 2014.

[293] Karsten Lehmann and Rafael Peñaloza. The complexity of computing the behaviour of lattice automata on infinite trees. *Theor. Comput. Sci.*, 534:53–68, 2014.

[294] Marc Lelarge and Hang Zhou. Sublinear-time algorithms for monomer-dimer systems on bounded degree graphs. *Theor. Comput. Sci.*, 548:68–78, 2014.

[295] Asaf Levin and Aleksander Vainer. Adaptivity in the stochastic blackjack knapsack problem. *Theor. Comput. Sci.*, 516:121–126, 2014.

[296] Asaf Levin and Aleksander Vainer. The benefit of adaptivity in stochastic packing problems with probing. *Theor. Comput. Sci.*, 562:513–523, 2014.

[297] Moshe Lewenstein, J. Ian Munro, Venkatesh Raman, and Sharma V. Thankachan. Less space: Indexing for queries with wildcards. *Theor. Comput. Sci.*, 557:120–127, 2014.

[298] Kenli Li, Chubo Liu, and Keqin Li. An approximation algorithm based on game theory for scheduling simple linear deteriorating jobs. *Theor. Comput. Sci.*, 543:46–51, 2014.

[299] Meng Li, Yota Otachi, and Takeshi Tokuyama. Efficient algorithms for network localization using cores of underlying graphs. *Theor. Comput. Sci.*, 553:18–26, 2014.

[300] Xianyong Li, Xiaofan Yang, Li He, Jing Zhang, and Cui Yu. Conditional diagnosability of optical multi-mesh hypercube networks under the comparison diagnosis model. *Theor. Comput. Sci.*, 531:47–53, 2014.