References

[1] Ittai Abraham, Cyril Gavoille, Dahlia Malkhi, and Udi Wiedr. Strong-diameter decompositions of minor free graphs. *Theory of Computing Systems*, 47(4):837–855, 2010. formerly Mathematical Systems Theory.

[2] Andris Ambainis. Quantum search with variable times. *Theory of Computing Systems*, 47(3):786–807, 2010. formerly Mathematical Systems Theory.

[3] Valentin V. Andreev and Timothy H. McNicholl. Computing interpolating sequences. *Theory of Computing Systems*, 46(2):340–350, 2010. formerly Mathematical Systems Theory.

[4] Tetsuo Asano, Peter Brass, and Shinji Sasahara. Disc covering problem with application to digital halftoning. *Theory of Computing Systems*, 46(2):157–173, 2010. formerly Mathematical Systems Theory.

[5] Maxim A. Babenko. A fast algorithm for the path 2-packing problem. *Theory of Computing Systems*, 46(1):59–79, 2010. formerly Mathematical Systems Theory.

[6] Michael Bauland, Elmar Böhler, Nadia Creignou, Steffen Reith, Henning Schnoor, and Heribert Vollmer. The complexity of problems for quantified constraints. *Theory of Computing Systems*, 47(2):454–490, 2010. formerly Mathematical Systems Theory.

[7] Michael A. Bender, Gerth Stølting Brodal, Rolf Fagerberg, Riko Jacob, and Elias Vicari. Optimal sparse matrix dense vector multiplication in the i/o-model. *Theory of Computing Systems*, 47(4):934–962, 2010. formerly Mathematical Systems Theory.

[8] Jean Berstel, Luc Boasson, Olivier Carton, and Isabelle Fagnot. Sturmian trees. *Theory of Computing Systems*, 46(3):443–478, 2010. formerly Mathematical Systems Theory.

[9] Olaf Beyersdorff. The deduction theorem for strong propositional proof systems. *Theory of Computing Systems*, 47(1):162–178, 2010. formerly Mathematical Systems Theory.

[10] Laurent Bienvenu. Kolmogorov-loveland stochasticity and kolmogorov complexity. *Theory of Computing Systems*, 46(3):598–617, 2010. formerly Mathematical Systems Theory.

[11] Laurent Bienvenu, Andrej Muchnik, Alexander Shen, and Nikolay Vereshchagin. Limit complexities revisited. *Theory of Computing Systems*, 47(3):720–736, 2010. formerly Mathematical Systems Theory.

[12] Vittorio Bilò, Angelo Fanelli, Michele Flammini, Giovanna Melideo, and Luca Moscardelli. Designing fast converging cost sharing methods for multicast transmissions. *Theory of Computing Systems*, 47(2):507–530, 2010. formerly Mathematical Systems Theory.

[13] Andreas Björklund, Thore Husfeldt, Petteri Kaski, and Mikko Kolvisto. Trimmed moebius inversion and graphs of bounded degree. *Theory of Computing Systems*, 47(3):637–654, 2010. formerly Mathematical Systems Theory.

[14] F. Blanchet-Sadri, E. Clader, and O. Simpson. Border correlations of partial words. *Theory of Computing Systems*, 47(1):179–195, 2010. formerly Mathematical Systems Theory.

[15] Hans L. Bodlaender and Thomas C. van Dijk. A cubic kernel for feedback vertex set and loop cutset. *Theory of Computing Systems*, 46(3):566–597, 2010. formerly Mathematical Systems Theory.

[16] Beate Bollig, Niko Range, and Ingo Wegener. Exact obdd bounds for some fundamental functions. *Theory of Computing Systems*, 47(2):593–609, 2010. formerly Mathematical Systems Theory.

[17] Niv Buchbinder, Liane Lewin-Eytan, Joseph (Seffi) Naor, and Ariel Orda. Non-cooperative cost sharing games via subsidies. *Theory of Computing Systems*, 47(1):15–37, 2010. formerly Mathematical Systems Theory.

[18] Harry Buhrman, Lance Fortnow, Michal Koucký, John D. Rogers, and Nikolay Vershchagin. Does the polynomial hierarchy collapse if onto functions are invertible? *Theory of Computing Systems*, 46(1):143–156, 2010. formerly Mathematical Systems Theory.

[19] Harry Buhrman, Benjamin Hescott, Steven Homer, and Leen Torenvliet. Non-uniform reductions. *Theory of Computing Systems*, 47(2):317–341, 2010. formerly Mathematical Systems Theory.

[20] Jin-Yi Cai and Pinyan Lu. On symmetric signatures in holographic algorithms. *Theory of Computing Systems*, 46(3):398–415, 2010. formerly Mathematical Systems Theory.

[21] Alan J. Cain, Graham Oliver, Nik Ruškuc, and Richard M. Thomas. Automatic presentations and semigroup constructions. *Theory of Computing Systems*, 47(2):568–592, 2010. formerly Mathematical Systems Theory.

[22] Saverio Caminiti, Emanuele G. Fusco, and Rossella Petreschi. Bijective linear time coding and decoding for k-trees. *Theory of Computing Systems*, 46(2):284–300, 2010. formerly Mathematical Systems Theory.

[23] Maw-Shang Chang, Chuang-Chieh Lin, and Peter Rossmanith. New fixed-parameter algorithms for the minimum quartet inconsistency problem. *Theory of Computing Systems*, 47(2):342–367, 2010. formerly Mathematical Systems Theory.

[24] Qi Cheng, Sergey P. Tarasov, and Mikhail N. Vyalyi. Efficient algorithms for sparse cyclotomic integer zero testing. *Theory of Computing Systems*, 46(1):120–142, 2010. formerly Mathematical Systems Theory.

[25] Christian Choffrut, Flavio D'Alessandro, and Stefano Varricchio. On bounded rational trace languages. *Theory of Computing Systems*, 46(2):351–369, 2010. formerly Mathematical Systems Theory.

[26] Rezaul Alam Chowdhury and Vijaya Ramachandran. The cache-oblivious gaussian elimination paradigm: Theoretical framework, parallelization and experimental evaluation. *Theory of Computing Systems*, 47(4):878–919, 2010. formerly Mathematical Systems Theory.

[27] Amin Coja-Oghlan, Michael Krivelevich, and Dan Vilenchik. Why almost all k-colorable graphs are easy to color. *Theory of Computing Systems*, 46(3):523–565, 2010. formerly Mathematical Systems Theory.

[28] Bruno Courcelle and Andrew Twigg. Constrained-path labellings on graphs of bounded clique-width. *Theory of Computing Systems*, 47(2):531–567, 2010. formerly Mathematical Systems Theory.

[29] Artur Czumaj and Christian Sohler. Small space representations for metric min-sum k-clustering and their applications. *Theory of Computing Systems*, 46(3):416–442, 2010. formerly Mathematical Systems Theory.

[30] Peter Damaschke. Fixed-parameter enumerability of cluster editing and related problems. *Theory of Computing Systems*, 46(2):261–283, 2010. formerly Mathematical Systems Theory.

[31] Mirela Damian, Robin Flatland, Joseph O'Rourke, and Suneeta Ramaswami. Connecting polygonizations via stretches and twangs. *Theory of Computing Systems*, 47(3):674–695, 2010. formerly Mathematical Systems Theory.

[32] Samir Datta, Raghav Kulkarni, and Sambuddha Roy. Deterministically isolating a perfect matching in bipartite planar graphs. *Theory of Computing Systems*, 47(3):737–757, 2010. formerly Mathematical Systems Theory.

[33] Bilel Derbel, Mohamed Mosbah, and Akka Zemmari. Sublinear fully distributed partition with applications. *Theory of Computing Systems*, 47(2):368–404, 2010. formerly Mathematical Systems Theory.

[34] Jeff Edmonds, Suprakash Datta, and Patrick Dymond. Tcp is competitive with resource augmentation. *Theory of Computing Systems*, 47(1):137–161, 2010. formerly Mathematical Systems Theory.

[35] Matthias Englert, Thomas Franke, and Lars Olbrich. Sensitivity of wardrop equilibria. *Theory of Computing Systems*, 47(1):3–14, 2010. formerly Mathematical Systems Theory.

[36] Leah Epstein, Csanád Imreh, and Asaf Levin. Class constrained bin covering. *Theory of Computing Systems*, 46(2):246–260, 2010. formerly Mathematical Systems Theory.

[37] Thomas Erlebach, Thomas Hagerup, Klaus Jansen, Moritz Minzlaff, and Alexander Wolff. Trimming of graphs, with application to point

labeling. *Theory of Computing Systems*, 47(3):613–636, 2010. formerly Mathematical Systems Theory.

[38] Piotr Faliszewski and Mitsunori Ogihara. On the autoreducibility of functions. *Theory of Computing Systems*, 46(2):222–245, 2010. formerly Mathematical Systems Theory.

[39] Rainer Feldmann, Marios Mavronicolas, and Andreas Pieris. Facets of the fully mixed nash equilibrium conjecture. *Theory of Computing Systems*, 47(1):60–112, 2010. formerly Mathematical Systems Theory.

[40] Michael Fellows, Jörg Flum, Danny Hermelin, Moritz Müller, and Frances Rosamond. w-hierarchies defined by symmetric gates. *Theory of Computing Systems*, 46(2):311–339, 2010. formerly Mathematical Systems Theory.

[41] Diana Fischer, Erich Grädel, and Łukasz Kaiser. Model checking games for the quantitative μ-calculus. *Theory of Computing Systems*, 47(3):696–719, 2010. formerly Mathematical Systems Theory.

[42] Enrico Formenti, Petr Kůrka, and Ondřej Zahradník. A search algorithm for subshift attractors of cellular automata. *Theory of Computing Systems*, 46(3):479–498, 2010. formerly Mathematical Systems Theory.

[43] D. Fotakis, A.C. Kaporis, and P.G. Spirakis. Atomic congestion games: Fast, myopic and concurrent. *Theory of Computing Systems*, 47(1):38–59, 2010. formerly Mathematical Systems Theory.

[44] Dimitris Fotakis. Congestion games with linearly independent paths: Convergence time and price of anarchy. *Theory of Computing Systems*, 47(1):113–136, 2010. formerly Mathematical Systems Theory.

[45] Dimitris Fotakis. Stackelberg strategies for atomic congestion games. *Theory of Computing Systems*, 47(1):218–249, 2010. formerly Mathematical Systems Theory.

[46] Pierre Fraigniaud, Amos Korman, and Emmanuelle Lebhar. Local mst computation with short advice. *Theory of Computing Systems*, 47(4):920–933, 2010. formerly Mathematical Systems Theory.

[47] Martin Gairing, Thomas Lücking, Marios Mavronicolas, and Burkhard Monien. Computing nash equilibria for scheduling on restricted parallel links. *Theory of Computing Systems*, 47(2):405–432, 2010. formerly Mathematical Systems Theory.

[48] Nicola Galesi and Massimo Lauria. On the automatizability of polynomial calculus. *Theory of Computing Systems*, 47(2):491–506, 2010. formerly Mathematical Systems Theory.

[49] Christian Glaßer, Katrin Herr, Christian Reitwießner, Stephen Travers, and Matthias Waldherr. Equivalence problems for circuits over sets of natural numbers. *Theory of Computing Systems*, 46(1):80–103, 2010. formerly Mathematical Systems Theory.

[50] Benjamin Hoffmann, Mikhail Lifshits, Yury Lifshits, and Dirk Nowotka. Maximal intersection queries in randomized input models. *Theory of Computing Systems*, 46(1):104–119, 2010. formerly Mathematical Systems Theory.

[51] Falk Hüffner, Christian Komusiewicz, Hannes Moser, and Rolf Niedermeier. Fixed-parameter algorithms for cluster vertex deletion. *Theory of Computing Systems*, 47(1):196–217, 2010. formerly Mathematical Systems Theory.

[52] Artur Jeż and Alexander Okhotin. Conjunctive grammars over a unary alphabet: Undecidability and unbounded growth. *Theory of Computing Systems*, 46(1):27–58, 2010. formerly Mathematical Systems Theory.

[53] Peter Jonsson and Gustav Nordh. Approximability of clausal constraints. *Theory of Computing Systems*, 46(2):370–395, 2010. formerly Mathematical Systems Theory.

[54] Stasys Jukna. Entropy of operators or why matrix multiplication is hard for depth-two circuits. *Theory of Computing Systems*, 46(2):301–310, 2010. formerly Mathematical Systems Theory.

[55] O. Kharlampovich, I.G. Lvsënok, A.G. Mvasnikov, and N.W.M. Touikan. The solvability problem for quadratic equations over free groups is *np*-complete. *Theory of Computing Systems*, 47(1):250–258, 2010. formerly Mathematical Systems Theory.

[56] Fabian Kuhn and Thomas Moscibroda. Distributed approximation of capacitated dominating sets. *Theory of Computing Systems*, 47(4):811–836, 2010. formerly Mathematical Systems Theory.

[57] Pierre Leone, Sotiris Nikoletseas, and Joseé Rolim. Stochastic models and adaptive algorithms for energy balance in sensor networks. *Theory of Computing Systems*, 47(2):433–453, 2010. formerly Mathematical Systems Theory.

[58] Nutan Limaye, Meena Mahajan, and B.V. Raghavendra Rao. Arithmetizing classes around nc^1 and l. *Theory of Computing Systems*, 46(3):499–522, 2010. formerly Mathematical Systems Theory.

[59] Guolong Lin and Rajmohan Rajaraman. Approximation algorithms for multiprocessor scheduling under uncertainty. *Theory of Computing Systems*, 47(4):856–877, 2010. formerly Mathematical Systems Theory.

[60] Remco Loos and Mitsunori Ogihara. Time and space complexity for splicing systems. *Theory of Computing Systems*, 47(2):301–316, 2010. formerly Mathematical Systems Theory.

[61] Meena Mahajan and Jayalal M.N. Sarma. On the complexity of matrix rank and rigidity. *Theory of Computing Systems*, 46(1):9–26, 2010. formerly Mathematical Systems Theory.

[62] Florin Manea, Maurice Margenstern, Victor Mitrana, and Mario J. Pérez-Jiménez. A new characterization of np, p and $p$space with accepting hybrid networks of evolutionary processors. *Theory of Computing Systems*, 46(2):174–192, 2010. formerly Mathematical Systems Theory.

[63] Philippe Raïpin Parvédy, M. Raynal, and C. Travers. Strongly terminating early-stopping k-set agreement in synchronous systems with general omission failures. *Theory of Computing Systems*, 47(1):259–287, 2010. formerly Mathematical Systems Theory.

[64] Alexander N. Rybalov. Generic complexity of presburger arithmetic. *Theory of Computing Systems*, 46(1):2–8, 2010. formerly Mathematical Systems Theory.

[65] Jacques Sakarovitch and Rodrigo de Souza. Lexicographic decomposition of k-valued transducers. *Theory of Computing Systems*, 47(3):758–785, 2010. formerly Mathematical Systems Theory.

[66] Thomas Thierauf and Fabian Wagner. The isomorphism problem for planar 3-connected graphs is in unambiguous logspace. *Theory of Computing Systems*, 47(3):655–673, 2010. formerly Mathematical Systems Theory.

[67] Jacobo Torán. Reductions to graph isomorphism. *Theory of Computing Systems*, 47(1):288–299, 2010. formerly Mathematical Systems Theory.

[68] Rahul Tripathi. The 1-versus-2 queries problem revisited. *Theory of Computing Systems*, 46(2):193–221, 2010. formerly Mathematical Systems Theory.