

References

- [1] Eric Allender, V. Arvind, and Meena Mahajan. Arithmetic complexity, kleene closure, and formal power series. *Theory of Computing Systems*, 36(4):303–328, 2003. formerly Mathematical Systems Theory.
- [2] Debashis Bera, Madhumangal Pal, and Tapan K. Pal. An efficient algorithm for finding all hinge vertices on trapezoid graphs. *Theory of Computing Systems*, 36(1):17–27, 2003. formerly Mathematical Systems Theory.
- [3] Jean-Claude Bermond, Sébastien Choplin, and Stéphane Pérennes. Hierarchical ring network design. *Theory of Computing Systems*, 36(6):663–682, 2003. formerly Mathematical Systems Theory.
- [4] Alina Beygelzimer and Mitsunori Ogihara. The (non)enumerability of the determinant and the rank. *Theory of Computing Systems*, 36(4):359–374, 2003. formerly Mathematical Systems Theory.
- [5] Guy E. Blelloch, Perry Cheng, and Phillip B. Gibbons. Scalable room synchronizations. *Theory of Computing Systems*, 36(5):397–430, 2003. formerly Mathematical Systems Theory.
- [6] Vincent D. Blondel and Vincent Canterini. Undecidable problems for probabilistic automata of fixed dimension. *Theory of Computing Systems*, 36(3):231–245, 2003. formerly Mathematical Systems Theory.
- [7] Prosenjit Bose, Danny Krizanc, Stefan Langerman, and Pat Morin. Asymmetric communication protocols via hotlink assignments. *Theory of Computing Systems*, 36(6):655–661, 2003. formerly Mathematical Systems Theory.
- [8] Simeon Bozapalidis. Extending stochastic and quantum functions. *Theory of Computing Systems*, 36(2):183–197, 2003. formerly Mathematical Systems Theory.
- [9] Jin-Yi Cai. Essentially every unimodular matrix defines an expander. *Theory of Computing Systems*, 36(2):105–135, 2003. formerly Mathematical Systems Theory.

- [10] Bogdan S. Chlebus, Karol Gołab, and Dariusz R. Kowalski. Broadcasting spanning forests on a multiple-access channel. *Theory of Computing Systems*, 36(6):711–733, 2003. formerly Mathematical Systems Theory.
- [11] Patrizio Cintioli and Riccardo Silvestri. Polynomial time introreducibility. *Theory of Computing Systems*, 36(1):1–15, 2003. formerly Mathematical Systems Theory.
- [12] Anne E. Condon and Alan J. Hu. Automatable verification of sequential consistency. *Theory of Computing Systems*, 36(5):431–460, 2003. formerly Mathematical Systems Theory.
- [13] Stefan Dobrev. Communication-efficient broadcasting in complete networks with dynamic faults. *Theory of Computing Systems*, 36(6):695–709, 2003. formerly Mathematical Systems Theory.
- [14] Robert Elsässer, Thomas Lücking, and Burkhard Monien. On spectral bounds for the k -partitioning of graphs. *Theory of Computing Systems*, 36(5):461–478, 2003. formerly Mathematical Systems Theory.
- [15] Stephen A. Fenner. pp -lowness and a simple definition of $awpp$. *Theory of Computing Systems*, 36(2):199–212, 2003. formerly Mathematical Systems Theory.
- [16] Paola Flocchini and Flaminia L. Luccio. Routing in series parallel networks. *Theory of Computing Systems*, 36(2):137–157, 2003. formerly Mathematical Systems Theory.
- [17] Zoltán Fülöp and Heiko Vogler. Tree series transformations that respect copying. *Theory of Computing Systems*, 36(3):247–293, 2003. formerly Mathematical Systems Theory.
- [18] Emmanuel Godard and Yves Métivier. Deducible and equivalent structural knowledges in distributed algorithms. *Theory of Computing Systems*, 36(6):631–654, 2003. formerly Mathematical Systems Theory.
- [19] Vince Grolmusz and Gábor Tardos. A note on non-deterministic communication complexity with few witnesses. *Theory of Computing Systems*, 36(4):387–391, 2003. formerly Mathematical Systems Theory.

- [20] Juha Honkala. The equivalence problem of polynomially bounded d0l systems — a bound depending only on the size of the alphabet. *Theory of Computing Systems*, 36(1):89–103, 2003. formerly Mathematical Systems Theory.
- [21] Juraj Hromkovič and Martin Sauerhoff. The power of nondeterminism and randomness for oblivious branching programs. *Theory of Computing Systems*, 36(2):159–182, 2003. formerly Mathematical Systems Theory.
- [22] Hiro Ito, Kazuo Iwama, Yasuo Okabe, and Takuya Yoshihiro. Avoiding routing loops on the internet. *Theory of Computing Systems*, 36(6):597–609, 2003. formerly Mathematical Systems Theory.
- [23] Elias Koutsoupias, Marios Mavronicolas, and Paul Spirakis. Approximate equilibria and ball fusion. *Theory of Computing Systems*, 36(6):683–693, 2003. formerly Mathematical Systems Theory.
- [24] Christof Krick, Harald Räcke, and Matthias Westermann. Approximation algorithms for data management in networks. *Theory of Computing Systems*, 36(5):497–519, 2003. formerly Mathematical Systems Theory.
- [25] Shay Kutten, David Peleg, and Uzi Vishkin. Deterministic resource discovery in distributed networks. *Theory of Computing Systems*, 36(5):479–495, 2003. formerly Mathematical Systems Theory.
- [26] Richard J. Lipton, Mitsunori Ogihara, and Yechezkel Zalcstein. A note on square rooting of time functions of turing machines. *Theory of Computing Systems*, 36(3):295–299, 2003. formerly Mathematical Systems Theory.
- [27] Satyanarayana V. Lokam. Graph complexity and slice functions. *Theory of Computing Systems*, 36(1):71–88, 2003. formerly Mathematical Systems Theory.
- [28] Yossi Matias, Jeffrey Scott Vitter, and Wen-Chun Ni. Dynamic generation of discrete random variates. *Theory of Computing Systems*, 36(4):329–357, 2003. formerly Mathematical Systems Theory.
- [29] Dorit Naishlos, Joseph Nuzman, Chau-Wen Tseng, and Uzi Vishkin. Towards a first vertical prototyping of an extremely fine-grained parallel

- programming approach. *Theory of Computing Systems*, 36(5):521–552, 2003. formerly Mathematical Systems Theory.
- [30] Sotiris Nikolettseas, Grigorios Prasinou, Paul Spirakis, and Christos Zaroliagis. Attack propagation in networks. *Theory of Computing Systems*, 36(5):553–574, 2003. formerly Mathematical Systems Theory.
- [31] Fabrice Noilhan and Miklos Santha. Semantical counting circuits. *Theory of Computing Systems*, 36(3):217–229, 2003. formerly Mathematical Systems Theory.
- [32] Francisca Quintana, Jesus Corbal, Roger Espasa, and Mateo Valero. A cost-effective architecture for vectorizable numerical and multimedia applications. *Theory of Computing Systems*, 36(5):575–593, 2003. formerly Mathematical Systems Theory.
- [33] Jörg Rothe, Holger Spakowski, and Jörg Vogel. Exact complexity of the winner problem for young elections. *Theory of Computing Systems*, 36(4):375–386, 2003. formerly Mathematical Systems Theory.
- [34] Konrad Schlude, Eljas Soisalon-Soininen, and Peter Widmayer. Distributed search trees: Fault tolerance in an asynchronous environment. *Theory of Computing Systems*, 36(6):611–629, 2003. formerly Mathematical Systems Theory.
- [35] Howard Straubing and Denis Thérien. Regular languages defined by generalized first-order formulas with a bounded number of bound variables. *Theory of Computing Systems*, 36(1):29–69, 2003. formerly Mathematical Systems Theory.