

Sasha Rubin

Important Publications

December 2010

1. *Automata presenting structures: A survey of the finite-string case*, The Bulletin of Symbolic Logic, Volume 14, Issue 2, 2008, 169-209.
2. *Automatic linear orders and trees*, with B. Khoussainov and F. Stephan, ACM Transactions on Computational Logic, 6(4), 675 – 700, 2005. Appeared in Proceedings of 18th Annual IEEE Symposium on Logic in Computer Science, 2003, as *Automatic Partial Orders*.
3. *Verifying ω -regular Properties of Markov Chains*, with D. Bustan and M.Y. Vardi, 16th International conference on Computer Aided Verification, 189 – 201, 2004.
4. *Countable ω -automatic structures and their presentations*, with V. Bárány and L. Kaiser, 25th Annual Symposium on Theoretical Aspects of Computer Science, 2008.
5. *Order invariant MSO is stronger than counting MSO*, with T. Ganzow, 25th Annual Symposium on Theoretical Aspects of Computer Science, 2008.