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Refereed Publication List December 2010

*Automata based presentations of infinite structures* with V. Bárány and E. Grädel, in *Finite and Algorithmic Model Theory*, Series: London Mathematical Society Lecture Note Series (No. 379), 2011.

*Cardinality and counting quantifiers on omega-automatic structures*, with V. Bárány and L. Kaiser, 25th Annual Symposium on Theoretical Aspects of Computer Science, 2008.

*Order invariant MSO is stronger than counting MSO*, with T. Ganzow, 25th Annual Symposium on Theoretical Aspects of Computer Science, 2008.

*Automata presenting structures: A survey of the finite-string case*, The Bulletin of Symbolic Logic, Volume 14, Issue 2, 2008, 169 – 209.

*Automatic Structures: Richness and Limitations*, with B. Khoussainov, A. Nies and F. Stephan, Logical Methods in Computer Science, Vol 3, 2007. Appeared in Proceedings of 19th Annual IEEE Symposium on Logic in Computer Science, 44 – 53, 2004.

*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*.

*Verifying  $\omega$ -regular Properties of Markov Chains*, with D. Bustan and M.Y. Vardi, 16th International conference on Computer Aided Verification, 189 – 201, 2004.

*Definability and Regularity in Automatic Structures*, with B. Khoussainov and F. Stephan, 21st Annual Symposium on Theoretical Aspects of Computer Science, 440 – 451, 2004.

*Automatic Structures - Overview and Future Directions*, with B. Khoussainov, Journal of Automata, Languages and Combinatorics, 8(2), 287 – 301, 2003.

*Some Results on Automatic Structures*, with B. Khoussainov and H. Ishihara, 17th Annual IEEE Symposium on Logic in Computer Science, 2002.

*Graphs with Automatic Presentations over a Unary Alphabet* Journal of Automata, Languages and Combinatorics, 6(4), 467 – 480, 2001.

*Finite Automata and Well Ordered Sets*, New Zealand Journal of Computing, 7(2), 39 – 46, 1999.