

Tero Harju
Publications (April 2007)

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Books

- [1] A. EHRENFEUCHT, T. HARJU, and G. ROZENBERG, *The Theory of 2-Structures. A Framework for Decomposition and Transformation of Graphs*, World Scientific, 1999, xvi + 291 pages.
- [2] A. EHRENFEUCHT, T. HARJU, I. PETRE, D.M. PRESCOTT, and G. ROZENBERG, *Computation in Living Cell. Gene Assembly in Ciliates*, Springer-Verlag, 2004, xviii + 201 pages.

Dissertation

- [3] T. HARJU, *Simulation and Representation of Automata Using Auxiliary Tape Notation*, Doctoral Dissertation, Department of Mathematics, University of Turku, 1979.

Chapters and edited volumes

- [4] A. EHRENFEUCHT, T. HARJU, and G. ROZENBERG, 2-Structures – A Framework for Decomposition and Transformation of Graphs, Chapter 6 in *Handbook of Graph Grammars and Computing by Graph Transformations, Vol. I. Foundations* (G. Rozenberg, ed.), World Scientific, 1997, pp. 401 – 478.
- [5] T. HARJU and J. KARHUMÄKI, Morphisms, Chapter 7 in *Handbook of Formal Languages, Vol 1. Word, Language, Grammar* (G. Rozenberg and A. Salomaa, eds.), Springer-Verlag, 1997, pp. 439 – 510.
- [6] T. HARJU and I. HONKALA (eds.), *Proceedings of the 7th Nordic Combinatorial Conference*, Painosalama, Turku 1999, ii + 85 pages.
- [7] T. HARJU, J. KARHUMÄKI, and W. PLANDOWSKI, Independent Systems of Equations, Chapter 14 in M. Lothaire, *Algebraic Combinatorics of Words* (J. Berstel and D. Perrin, eds.), Cambridge University Press, 2002, pp. 443 – 472.
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- [10] T. HARJU and J. KARHUMÄKI (eds.), *Proceedings of the Workshop on Fibonacci Words 2006*, TUCS, Painosalama, Turku 2007.
- [11] T. HARJU, J. KARHUMÄKI and A. LEPISTÖ (eds.), *Proceedings of the 11th DLT*, TUCS, Painosalama, Turku 2007.
- [12] J. BERSTEL, T. HARJU and J. KARHUMÄKI (eds.), *Development of Language Theory, Internat. J. Foundations of Comput. Sci.* 2008, to appear.

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- [13] T. HARJU, On finitely based dominions in semigroups, *Ann. Univ. Turkuensis Ser.* **186** (1984), 7 – 11.
- [14] T. HARJU, On cyclically overlap-free words in binary alphabets, in *The Book of L* (G. Rozenberg and A. Salomaa, eds.), Springer-Verlag, 1985, 123 – 130.
- [15] V. HALAVA and T. HARJU, Languages accepted by integer weighted finite automata, in *Jewels are Forever* (J. Karhumäki et al., eds), Springer-Verlag, 1999, pp.123 – 134.
- [16] T. HARJU and L. ILIE, Forbidden subsequences and permutations sortable on two parallel stacks, in *Where Mathematics, Computer science, Linguistics, and Biology Meet* (C. Martín-Vide and V. Mitrana, eds.), Kluwer Acad. Publ., Dordrecht, 2001, 267 – 275.
- [17] T. HARJU, Decision questions on integer matrices, *Proc. 5th Internat. Conf. on Developments in Language Theory (DLT 2001, Wien)*, *Lecture Notes in Comput. Sci.* **2295** (2002), 57 – 68.
- [18] V. HALAVA and T. HARJU, Infinite solutions of marked Post Correspondence Problem, in *Formal and Natural Computing. Essays dedicated to Grzegorz Rozenberg* (W. Brauer et al., eds), *Lecture Notes in Comput. Sci.* **2300** (2002), 57 – 68.
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