

## Références

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### Joint Publications of ALDyNet (since 2013)

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- [1] G. D'Angelo, G. Di Stefano, A. Navarra, **N. Nisse**, and **K. Suchan**. A unified approach for different tasks on rings in robot-based computing systems. In *15th Workshop on Advances in Parallel and Distributed Computational Models (APDCM)*. IEEE, 2013.
- [2] **B. Li**, **F. Moataz**, **N. Nisse**, and **K. Suchan**. Minimum size tree-decompositions. In *9th International colloquium on graph theory and combinatorics (ICGT)*, 2014. communication without proceedings.
- [3] F. Becker, A. Kosowski, M. Matamala, **N. Nisse**, I. Rapaport, **K. Suchan**, and I. Todinca. Allowing each node to communicate only once in a distributed system : shared whiteboard models. *Distributed Computing*, 28(3) :189–200, 2015.
- [4] **B. Li**, **F. Moataz**, **N. Nisse**, and **K. Suchan**. Minimum size tree-decompositions. In *8th Latin-American Algorithms, Graphs and Optimization Symposium (LAGOS)*, pages 21–27. Elsevier, 2015. Electronic Note Discrete Maths, vol. 50.
- [5] G. D'Angelo, G. Di Stefano, A. Navarra, **N. Nisse**, and **K. Suchan**. Computing on rings by oblivious robots : A unified approach for different tasks. *Algorithmica*, 72(4) :1055–1096, 2015.
- [6] A. Kosowski, **B. Li**, **N. Nisse**, and **K. Suchan**. k-chordal graphs : From cops and robber to compact routing via treewidth. *Algorithmica*, 72(3) :758–777, 2015.
- [7] **F. Giroire** and **J-C. Maureira**. Analysis of the failure tolerance of linear access networks. In *IEEE Global Communications Conference (GLOBECOM)*, Washington, US, Dec 2016.
- [8] **B. Li**, **F. Zahra Moataz**, **N. Nisse**, and **K. Suchan**. Minimum size tree-decompositions. *Discrete Applied Mathematics*, 245 :109–127, 2018.
- [9] **D. Coudert**, **G. Ducoffe**, **N. Nisse**, and **M. Soto**. On distance-preserving elimination orderings in graphs : Complexity and algorithms. *Discrete Applied Mathematics*, 243 :140–153, 2018.
- [10] **D. Coudert**, J. R. Luedtke, **E. Moreno**, and K. Priftis. Computing and maximizing the exact reliability of wireless backhaul networks. volume 64, pages 85–94, 2018.
- [11] **F. Giroire** and **J-C. Maureira**. Analysis of the failure tolerance of linear access networks. *IEEE Trans. Intelligent Transportation Systems*, 19(4) :1166–1175, 2018.
- [12] **J. Araújo**, **G. Ducoffe**, **N. Nisse**, and **K. Suchan**. On interval number in cycle convexity. *Discrete Mathematics & Theoretical Computer Science*, 20(1), 2018.

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### Joint Publications before ALDyNet (before 2013)

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- [13] **N. Nisse** and **K. Suchan**. Fast robber in planar graphs. In *Proceedings of the 34th International Workshop on Graph-Theoretic Concepts in Computer Science (WG)*, pages 312–323. Springer LNCS 5344, 2008.
- [14] **N. Nisse** and **K. Suchan**. Voleur vélocé dans un réseau planaire. In *10èmes Rencontres Francophones sur les Aspects Algorithmiques de Télécommunications (AlgoTel)*, pages 29–32, 2008.
- [15] **N. Nisse**, I. Rapaport, and **K. Suchan**. Distributed computing of efficient routing schemes in generalized chordal graphs. In *Proceeding of the 16th International Colloquium on Structural Information and Communication Complexity (SIROCCO'09)*, pages 252–265. Springer LNCS 5869, 2009.
- [16] F. V. Fomin, P. Golovach, J. Kratochvíl, **N. Nisse**, and **K. Suchan**. Pursuing fast robber in graph. *Theor. Comput. Sci.*, 411(7-9) :1167–1181, 2010.
- [17] F. Becker, M. Matamala, **Nisse, N.**, I. Rapaport, **Suchan, K.**, and I. Todinca. Adding a referee to an interconnection network : What can(not) be computed in one round. In *25th IEEE International Parallel & Distributed Processing Symposium (IPDPS)*, pages 508–514. IEEE, 2011.

- [18] F. Becker, M. Matamala, **Nisse, N.**, I. Rapaport, **Suchan, K.**, and I. Todinca. Reconstruire un graphe en une ronde. In *13es Rencontres Francophones sur les Aspects Algorithmiques de Télécommunications (AlgoTel)*, pages 31–34, 2011.
- [19] F. Becker, A. Kosowski, **Nisse, N.**, I. Rapaport, and **Suchan, K.** Interconnection network with a shared white-board : Impact of (a)synchronicity on computing power. In *24th ACM Symposium on Parallelism in Algorithms and Architectures (SPAA)*, 2012. to appear.
- [20] A. Kosowski, **B. Li, N. Nisse,** and **K. Suchan.** k-chordal graphs : from cops and robber to compact routing via treewidth. In *39th International Colloquium on Automata, Languages and Programming (ICALP, track C)*, volume 7392, pages 610–622. Springer, LNCS, 2012.
- [21] A. Kosowski, **B. Li, N. Nisse,** and **K. Suchan.** k-chordal graphs : from cops and robber to compact routing via treewidth. In *14es Rencontres Francophones sur les Aspects Algorithmiques de Télécommunications (AlgoTel)*, pages 83–86, 2012.
- [22] **N. Nisse,** I. Rapaport, and **K. Suchan.** Distributed computing of efficient routing schemes in generalized chordal graphs. *Theor. Comput. Sci.*, 444 :17–27, 2012.