

- [1] M. Barer, G. Sharon, R. Stern, A. Felner, Suboptimal Variants of the Conflict-Based Search Algorithm for the Multi-Agent Pathfinding Problem, in: Seventh Annu. Symp. Comb. Search, 2014.
<https://www.aaai.org/ocs/index.php/SOCS/SOCS14/paper/view/8911> (accessed July 11, 2018).
- [2] R. Barták, J. Švancara, M. Vlk., A Scheduling-Based Approach to Multi-Agent Path Finding with Weighted and Capacitated Arcs, in: AAMAS, 2018.
- [3] R. Barták, N.-F. Zhou, R. Stern, E. Boyarski, P. Surynek, Modeling and Solving the Multi-Agent Pathfinding Problem in Picat, in: ICTAI, 2017. <http://www.picat-lang.org/papers/ictai17.pdf> (accessed July 11, 2018).
- [4] E. Erdem, D.G. Kisa, U. Oztok, P. Schüller, A general formal framework for pathfinding problems with multiple agents, in: AAAI, 2013: pp. 290–296.
<https://dl.acm.org/citation.cfm?id=2891501> (accessed July 11, 2018).
- [5] P. Surynek, Towards Optimal Cooperative Path Planning in Hard Setups through Satisfiability Solving, in: Springer, Berlin, Heidelberg, 2012: pp. 564–576.
doi:10.1007/978-3-642-32695-0_50.
- [6] P. Surynek, On Propositional Encodings of Cooperative Path-Finding, in: IEEE 24th Int. Conf. Tools with Artif. Intell., IEEE, 2012: pp. 524–531.
doi:10.1109/ICTAI.2012.77.
- [7] P. Surynek, A Simple Approach to Solving Cooperative Path-Finding as Propositional Satisfiability Works Well, in: PRICAI, 2014: pp. 827–833.
http://surynek.com/publications/files/SurynekPavel_Simple-Direct_PRICAI-2014.pdf (accessed July 11, 2018).
- [8] J. Yu, S.M. LaValle, Optimal Multirobot Path Planning on Graphs: Complete Algorithms and Effective Heuristics, *IEEE Trans. Robot.* 32 (2016) 1163–1177.
doi:10.1109/TRO.2016.2593448.
- [9] Z. Bnaya, A. Felner, Conflict-Oriented Windowed Hierarchical Cooperative, in: IEEE Int. Conf. Robot. Autom., IEEE, 2014: pp. 3743–3748.
doi:10.1109/ICRA.2014.6907401.
- [10] D. Silver, Cooperative Pathfinding, in: AIIDE, 2005.
<http://www.aaai.org/Papers/AIIDE/2005/AIIDE05-020.pdf> (accessed July 11, 2018).
- [11] T. Standley, Finding Optimal Solutions to Cooperative Pathfinding Problems, in: Proc. Twenty-Fourth AAAI Conf. Artif. Intell., 2010: pp. 173–178.
<http://www.cs.huji.ac.il/~jeff/aaai10/02/AAAI10-039.pdf>.
- [12] L. Cohen, T. Uras, T.K.S. Kumar, H. Xu, N. Ayanian, S. Koenig, Improved Solvers for Bounded-Suboptimal Multi-Agent Path Finding, in: IJCAI, 2016.
<http://www.ijcai.org/Proceedings/16/Papers/435.pdf> (accessed July 11, 2018).
- [13] G. Wagner, H. Choset, Path Planning for Multiple Agents Under Uncertainty, in: Int. Conf. Autom. Plan. Sched., 2017: pp. 577–585.
<https://aaai.org/ocs/index.php/ICAPS/ICAPS17/paper/view/15756/15151>.

- [14] G. Wagner, H. Choset, Subdimensional expansion for multirobot path planning, *Artif. Intell.* 219 (2015) 1–24. doi:10.1016/J.ARTINT.2014.11.001.
- [15] M. Goldenberg, A. Felner, R. Stern, G. Sharon, J. Schaeffer, A* variants for optimal multi-agent pathfinding, in: *Proc. 5th Annu. Symp. Comb. Search, SoCS 2012*, 2012.
- [16] A. Felner, J. Li, E. Boyarski, H. Ma, L. Cohen, T.K.S. Kumar, S. Koenig, Adding Heuristics to Conflict-Based Search for Multi-Agent Path Finding, in: *ICAPS*, 2018. <http://idm-lab.org/bib/abstracts/papers/icaps18a.pdf> (accessed July 11, 2018).
- [17] H. Ma, S. Koenig, Multi-Agent Path Finding with Delay Probabilities, in: *AAAI*, 2017: pp. 3605–3612.
- [18] W. Hönig, T.K.S. Kumar, L. Cohen, H. Ma, H. Xu, N. Ayanian, S. Koenig, Multi-Agent Path Finding with Kinematic Constraints *, in: *Int. Conf. Autom. Plan. Sched. (ICAPS 2016)*, 2017. <https://www.aaai.org/ocs/index.php/ICAPS/ICAPS16/paper/viewFile/13183/12711> (accessed July 11, 2018).
- [19] P. Surynek, A. Felner, R. Stern, E. Boyarski, Modifying Optimal SAT-Based Approach to Multi-Agent Path-Finding Problem to Suboptimal Variants, in: *Tenth Annu. Symp. Comb. Search*, 2017. <https://aaai.org/ocs/index.php/SOCS/SOCS17/paper/view/15800> (accessed July 11, 2018).
- [20] D. Atzmon, A. Felner, R. Stern, G. Wagner, R. Barták, N.-F. Zhou, k-Robust Multi-Agent Path Finding, in: *Tenth Annu. Symp. Comb. Search*, 2017. <https://aaai.org/ocs/index.php/SOCS/SOCS17/paper/view/15797> (accessed July 11, 2018).
- [21] P. Surynek, C. Republic, A. Felner, Boolean Satisfiability Approach to Optimal Multi-agent Path Finding under the Sum of Costs Objective (Extended Abstract), in: *Auton. Agents Multi-Agent Syst.*, 2016: pp. 1435–1436.
- [22] E. Boyarski, A. Felner, R. Stern, G. Sharon, D. Tolpin, O. Betzalel, E. Shimony, ICBS: Improved conflict-based search algorithm for multi-agent pathfinding, in: *IJCAI Int. Jt. Conf. Artif. Intell.*, 2015.
- [23] G. Sharon, R. Stern, A. Felner, N.R. Sturtevant, Conflict-based search for optimal multi-agent pathfinding, *Artif. Intell.* 219 (2015) 40–66. doi:10.1016/j.artint.2014.11.006.
- [24] A. Felner, R.S. Solomon, E. Shimony, I.E. Boyarski, I.M. Goldenberg, G. Sharon, N. Sturtevant, G. Wagner, P. Surynek, Search-Based Optimal Solvers for the Multi-Agent Pathfinding Problem: Summary and Challenges, in: *Tenth Int. Symp. Comb. Search (SoCS 2017)*, 2017: pp. 29–37.
- [25] G. Sharon, R. Stern, M. Goldenberg, A. Felner, The increasing cost tree search for optimal multi-agent pathfinding, *Artif. Intell.* 195 (2013). doi:10.1016/j.artint.2012.11.006.