

















## REFERENCES

- [1] J. Augustine, C. Avin, M. Liaee, G. Pandurangan, and R. Rajaraman. 2016. Information Spreading in Dynamic Networks Under Oblivious Adversaries. In *30th International Symposium on Distributed Computing, (DISC)*. 399–413.
- [2] H. Aziz, F. Brandt, and P. Harrenstein. 2014. Fractional hedonic games. In *13th International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*. 5–12.
- [3] H. Aziz, F. Brandt, and H.G. Seedig. 2011. Stable partitions in additively separable hedonic games. In *Tenth International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*. 183–190.
- [4] H. Aziz, S. Gaspers, J. Gudmundsson, J. Mestre, and H. Taubig. 2015. Welfare Maximization in Fractional Hedonic Games. In *25th International Joint Conference on Artificial Intelligence (IJCAI)*. 461–467.
- [5] Y. Bachrach, P. Kohli, V. Kolmogorov, and M. Zadimoghaddam. 2013. Optimal Coalition Structure Generation in Cooperative Graph Games. In *27th AAAI Conference on Artificial Intelligence (AAAI)*. 81–87.
- [6] C. Ballester. 2004. NP-completeness in hedonic games. *Games and Economic Behavior* 49(1) (2004), 1–30.
- [7] A. Balliu, M. Flammini, G. Melideo, and D. Olivetti. 2017. Nash Stability in Social Distance Games. In *Thirty-First AAAI Conference on Artificial Intelligence (AAAI)*. 324–348.
- [8] A. Balliu, M. Flammini, and D. Olivetti. 2017. On Pareto Optimality in Social Distance Games. In *Thirty-First AAAI Conference on Artificial Intelligence (AAAI)*. 349–355.
- [9] S. Banerjee, H. Konishi, and T. Sönmez. 2001. Core in a simple coalition formation game. *Social Choice and Welfare* 18 (2001), 135–153.
- [10] V. Biló, A. Fanelli, M. Flammini, G. Monaco, and L. Moscardelli. 2014. Nash Stability in Fractional Hedonic Games. In *10th Conference on Web and Internet Economics (WINE)*. 486–491.
- [11] V. Biló, A. Fanelli, M. Flammini, G. Monaco, and L. Moscardelli. 2015. On the Price of Stability of Fractional Hedonic Games. In *14th International Conference on Autonomous Agents and Multi-Agent Systems (AAMAS)*. 1239–1247.
- [12] A. Bogomolnaia and M. O. Jackson. 2002. The Stability of Hedonic Coalition Structures. *Games and Economic Behavior* 38(2) (2002), 201–230.
- [13] A. Borodin and R. El-Yaniv. 1998. *Online Computation and Competitive Analysis*. Cambridge University Press.
- [14] F. Brandl, F. Brandt, and M. Strobel. 2015. Fractional hedonic games: individual and group stability. In *14th International Conference on Autonomous Agents and Multiagent Systems, (AAMAS)*. 1219–1227.
- [15] X. Deng and C. H. Papadimitriou. 1994. On the complexity of cooperative solution concepts. *Mathematics of Operations Research* 12 (1994), 257–266.
- [16] J. H. Dréze and J. Greenbergd. 1980. Hedonic coalitions: optimality and stability. *Econometrica* 48(4) (1980), 987–1003.
- [17] Michele Flammini, Gianpiero Monaco, and Qiang Zhang. 2017. Strategyproof Mechanisms for Additively Separable Hedonic Games and Fractional Hedonic Games. In *Proceedings of the 15th Workshop on Approximation and Online Algorithms (WAOA)*.
- [18] Gianpiero Monaco, Luca Moscardelli, and Yllka Velaj. 2018. Stable Outcomes in Modified Fractional Hedonic Games. In *Proceedings of the Seventeenth International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*.
- [19] M. Olsen. 2009. Nash stability in additively separable hedonic games and community structures. *Theory of Computing Systems* 45(4) (2009), 917–925.
- [20] D. Peters and E. Elkind. 2015. Simple Causes of Complexity in Hedonic Games. In *24th International Joint Conference on Artificial Intelligence (IJCAI)*. 617–623.
- [21] T. Rahwan and N. R. Jennings. 2008. An improved dynamic programming algorithm for coalition structure generation. In *7th International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS)*. 1417–1420.
- [22] T. Rahwan, T. P. Michalak, M. Wooldridge, and N. R. Jennings. 2012. Anytime coalition structure generation in multi-agent systems with positive or negative externalities. *Artificial Intelligence* 186 (2012), 95–122.
- [23] T. Rahwan, T. P. Michalak, M. Wooldridge, and N. R. Jennings. 2015. Coalition structure generation: A survey. *Artificial Intelligence* 229 (2015), 139–174.
- [24] T. Rahwan, S. D. Ramchurn, N. R. Jennings, and A. Giovannucci. 2009. An Anytime Algorithm for Optimal Coalition Structure Generation. *Journal of Artificial Intelligence Research* 34 (2009), 521–567.
- [25] T. Sandholm, K. Larson, M. Andersson, O. Shehory, and F. Tohmé. 1999. Coalition structure generation with worst case guarantees. *Artificial Intelligence* 111(1-2) (1999), 209–238.
- [26] O. Shehory and S. Kraus. 1998. Methods for task allocation via agent coalition formation. *Artificial Intelligence* 101(1-2) (1998), 165–200.
- [27] T. Voice, M. Polukarov, and N. R. Jennings. 2012. Coalition Structure Generation over Graphs. *Journal of Artificial Intelligence Research* 45 (2012), 165–196.
- [28] Mason Wright and Yevgeniy Vorobeychik. 2015. Mechanism Design for Team Formation. In *Proceedings of the Twenty-Ninth Conference on Artificial Intelligence (AAAI)*. 1050–1056.
- [29] Y. Zick, E. Markakis, and E. Elkind. 2014. Arbitration and Stability in Cooperative Games with Overlapping Coalitions. *Journal of Artificial Intelligence Research* 50 (2014), 847–884.