



















## REFERENCES

- [1] Aaron Archer and Éva Tardos. 2007. Frugal path mechanisms. *ACM Transactions on Algorithms (TALG)* 3, 1 (2007), 3.
- [2] Lawrence M Ausubel and Paul R Milgrom. 2002. Ascending auctions with package bidding. *Advances in Theoretical Economics* 1, 1 (2002).
- [3] Edward H Clarke. 1971. Multipart pricing of public goods. *Public choice* 11, 1 (1971), 17–33.
- [4] Peter Cramton. 2013. Spectrum auction design. *Review of Industrial Organization* 42, 2 (2013), 161–190.
- [5] B Day and Paul Milgrom. 2010. Optimal Incentives in Core-Selecting Auctions. *Handbook of Market Design* (2010).
- [6] Robert Day and Paul Milgrom. 2007. Core-selecting auctions. *International Journal of Game Theory, July* (2007).
- [7] Robert Day and Paul Milgrom. 2008. Core-selecting package auctions. *International Journal of Game Theory* 36, 3-4 (2008), 393–407.
- [8] Robert W Day and Peter Cramton. 2012. Quadratic core-selecting payment rules for combinatorial auctions. *Operations Research* 60, 3 (2012), 588–603.
- [9] Robert W Day and Subramanian Raghavan. 2007. Fair payments for efficient allocations in public sector combinatorial auctions. *Management Science* 53, 9 (2007), 1389–1406.
- [10] Ye Du, Rahul Sami, and Yaoyun Shi. 2010. Path auctions with multiple edge ownership. *Theoretical Computer Science* 411, 1 (2010), 293 – 300. <https://doi.org/10.1016/j.tcs.2009.09.032>
- [11] Edith Elkind, Amit Sahai, and Ken Steiglitz. 2004. Frugality in path auctions. In *Proceedings of the fifteenth annual ACM-SIAM symposium on Discrete algorithms*. Society for Industrial and Applied Mathematics, 701–709.
- [12] Joan Feigenbaum, Christos Papadimitriou, Rahul Sami, and Scott Shenker. 2005. A BGP-based mechanism for lowest-cost routing. *Distributed Computing* 18, 1 (2005), 61–72.
- [13] John Hershberger and Subhash Suri. 2001. Vickrey prices and shortest paths: What is an edge worth?. In *Foundations of Computer Science, 2001. Proceedings. 42nd IEEE Symposium on*. IEEE, 252–259.
- [14] Jean Honorio and Luis Ortiz. 2015. Learning the Structure and Parameters of Large-Population Graphical Games from Behavioral Data. *Journal of Machine Learning Research* 16 (2015), 1157–1210. <http://jmlr.org/papers/v16/honorio15a.html>
- [15] D.R. Karger and E. Nikolova. 2006. On the Expected VCG Overpayment in Large Networks. In *Decision and Control, 2006 45th IEEE Conference on*. 2831–2836. <https://doi.org/10.1109/CDC.2006.377149>
- [16] Anna R. Karlin, David Kempe, and Tami Tamir. 2005. Beyond VCG: Frugality of Truthful Mechanisms. In *Proceedings of the 46th Annual IEEE Symposium on Foundations of Computer Science (FOCS '05)*. IEEE Computer Society, Washington, DC, USA, 615–626. <https://doi.org/10.1109/SFCS.2005.25>
- [17] Daniel Lehmann, Liadan Ita O'callaghan, and Yoav Shoham. 2002. Truth revelation in approximately efficient combinatorial auctions. *Journal of the ACM (JACM)* 49, 5 (2002), 577–602.
- [18] Jure Leskovec, A Krevl, and SNAP Datasets. 2014. Stanford large network dataset collection, 2014. URL: <http://snap.stanford.edu/data/index.html> (2014).
- [19] Paul Robert Milgrom. 2004. *Putting auction theory to work*. Cambridge University Press.
- [20] Noam Nisan and Amir Ronen. 1999. Algorithmic mechanism design. In *Proceedings of the thirty-first annual ACM symposium on Theory of computing*. ACM, 129–140.
- [21] LC Polymenakos and Dimitri P Bertsekas. 1994. Parallel shortest path auction algorithms. *Parallel Comput.* 20, 9 (1994), 1221–1247.
- [22] Michael H Rothkopf, Aleksandar Pekeć, and Ronald M Harstad. 1998. Computationally manageable combinatorial auctions. *Management science* 44, 8 (1998), 1131–1147.
- [23] Makoto Yokoo, Yuko Sakurai, and Shigeo Matsubara. 2004. The effect of false-name bids in combinatorial auctions: New fraud in Internet auctions. *Games and Economic Behavior* 46, 1 (2004), 174–188.
- [24] Lei Zhang, Haibin Chen, Jun Wu, Chong-Jun Wang, and Junyuan Xie. 2016. False-Name-Proof Mechanisms for Path Auctions in Social Networks.. In *ECAL* 1485–1492.
- [25] Yuefei Zhu, Baochun Li, Haoming Fu, and Zongpeng Li. 2014. Core-selecting secondary spectrum auctions. *IEEE Journal on Selected Areas in Communications* 32, 11 (2014), 2268–2279.