

REFERENCES

- [1] D. Bergemann, J. Shen, Y. Xu, and E. Yeh. Multi-dimensional mechanism design with limited information. In *Proceedings of the 13th ACM Conference on Electronic Commerce*, EC '12, pages 162–178, New York, NY, USA, 2012. ACM.
- [2] L. Blumrosen and M. Feldman. Mechanism design with a restricted action space. *Games and Economic Behavior*, 82(0):424 – 443, 2013.
- [3] P. Dütting, F. Fischer, and D. C. Parkes. Simplicity-expressiveness tradeoffs in mechanism design. In *Proceedings of the 12th ACM Conference on Electronic Commerce*, EC '11, pages 341–350, New York, NY, USA, 2011. ACM.
- [4] K. Hayakawa, E. Gerding, S. Stein, and T. Shiga. Online mechanisms for charging electric vehicles in settings with varying marginal electricity costs. In *24th International Joint Conference on Artificial Intelligence (IJCAI)*, pages 2610–2616, April 2015.
- [5] R. A. Howard. *Dynamic Programming and Markov Processes*. MIT Press, 1960.
- [6] D. Kahneman. A psychological point of view: Violations of rational rules as a diagnostic of mental processes (commentary on stanovich and west). *Behavioral and Brain Sciences*, 23:681–683, 2000.
- [7] K. Larson and T. Sandholm. Mechanism design and deliberative agents. In *Proceedings of the Fourth International Joint Conference on Autonomous Agents and MultiAgent Systems*, pages 650–656, 2005.
- [8] P. Milgrom. Simplified mechanisms with an application to sponsored-search auctions. *Games and Economic Behavior*, 70(1):62 – 70, 2010. Special Issue In Honor of Ehud Kalai.
- [9] P. R. Montague, S. E. Hyman, and J. D. Cohen. Computational roles for dopamine in behavioural control. *Nature*, 431(7010):760–767, 2004.
- [10] N. Nisan, T. Roughgarden, E. Tardos, and V. V. Vazirani. *Algorithmic game theory*, volume 1. Cambridge University Press Cambridge, 2007.
- [11] S. D. Ramchurn, P. Vytelingum, A. Rogers, and N. R. Jennings. Agent-based homeostatic control for green energy in the smart grid. *ACM Transactions on Intelligent Systems and Technology (TIST)*, 2(4):35, 2011.
- [12] S. D. Ramchurn, P. Vytelingum, A. Rogers, and N. R. Jennings. Putting the 'smarts' into the smart grid: A grand challenge for artificial intelligence. *Commun. ACM*, 55(4):86–97, Apr. 2012.
- [13] V. Robu, E. H. Gerding, S. Stein, D. C. Parkes, A. Rogers, and N. R. Jennings. An online mechanism for multi-unit demand and its application to plug-in hybrid electric vehicle charging. *Journal of Artificial Intelligence Research*, 48:175–230, 2013.
- [14] Royal Academy of Engineering. *Electric Vehicles: Charged with potential*. Royal Academy of Engineering, 2010.
- [15] T. Sandholm and C. P. Boutilier. *Combinatorial Auctions*, chapter Preference elicitation in combinatorial auctions, pages 233–263. MIT Press, 2006.
- [16] S. Seuken, K. Jain, D. S. Tan, and M. Czerwinski. Hidden markets: UI design for a P2P backup application. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems*, CHI '10, pages 315–324, New York, NY, USA, 2010. ACM.
- [17] S. Seuken, D. C. Parkes, E. Horvitz, K. Jain, M. Czerwinski, and D. Tan. Market user interface design. In *Proceedings of the 13th ACM Conference on Electronic Commerce*, EC '12, pages 898–915, New York, NY, USA, 2012. ACM.
- [18] H. A. Simon. Theories of bounded rationality. *Decision and organization: A volume in honor of Jacob Marschak*, pages 161–176, 1972.
- [19] R. S. Sutton and A. G. Barto. *Reinforcement learning: An introduction*. MIT Press Cambridge, 1998.
- [20] C. J. Watkins and P. Dayan. Q-learning. *Machine learning*, 8(3-4):279–292, 1992.