Introducción a la Teoría de Juegos
Trabajo final, lista de artículos

Isabel Amigo

Octubre 2017

Smart Grids: scheduling, demand response, pricing

[1] F. Kamyab et al. "Demand Response Program in Smart Grid Using Supply Function Bidding Mechanism". In: *IEEE Transactions on Smart Grid* 7.3 (May 2016), pp. 1277–1284. ISSN: 1949-3053.

[2] K. Ma, G. Hu, and C. J. Spanos. "Distributed Energy Consumption Control via Real-Time Pricing Feedback in Smart Grid". In: *IEEE Transactions on Control Systems Technology* 22.5 (Sept. 2014), pp. 1907–1914. ISSN: 1063-6536.

[3] S. Maharjan et al. "Dependable Demand Response Management in the Smart Grid: A Stackelberg Game Approach". In: *IEEE Transactions on Smart Grid* 4.1 (Mar. 2013), pp. 120–132. ISSN: 1949-3053.

[4] A. H. Mohsenian-Rad et al. "Autonomous Demand-Side Management Based on Game-Theoretic Energy Consumption Scheduling for the Future Smart Grid". In: *IEEE Transactions on Smart Grid* 1.3 (Dec. 2010), pp. 320–331. ISSN: 1949-3053.

[5] D. Niyato and P. Wang. "Cooperative transmission for meter data collection in smart grid". In: *IEEE Communications Magazine* 50.4 (Apr. 2012), pp. 90–97. ISSN: 0163-6804.

[6] W. Saad, Z. Han, and H. V. Poor. "Coalitional Game Theory for Cooperative Micro-Grid Distribution Networks". In: *2011 IEEE International Conference on Communications Workshops (ICC)*. June 2011, pp. 1–5.

[7] W. Tushar et al. "Prioritizing Consumers in Smart Grid: A Game Theoretic Approach". In: *IEEE Transactions on Smart Grid* 5.3 (May 2014), pp. 1429–1438. ISSN: 1949-3053.

[8] Y. Wang et al. “A Game-Theoretic Approach to Energy Trading in the Smart Grid”. In: *IEEE Transactions on Smart Grid* 5.3 (May 2014), pp. 1439–1450. ISSN: 1949-3053.

[9] C. Wu, H. Mohsenian-Rad, and J. Huang. “Vehicle-to-Aggregator Interaction Game”. In: *IEEE Transactions on Smart Grid* 3.1 (Mar. 2012), pp. 434–442. ISSN: 1949-3053.

[10] P. Yang, G. Tang, and A. Nehorai. “A game-theoretic approach for optimal time-of-use electricity pricing”. In: *IEEE Transactions on Power Systems* 28.2 (May 2013), pp. 884–892. ISSN: 0885-8950.

Spectrum Allocation: access share, cognitive networks

[11] W. Dong et al. “Double Auctions for Dynamic Spectrum Allocation”. In: *IEEE/ACM Transactions on Networking* 24.4 (Aug. 2016), pp. 2485–2497. ISSN: 1063-6692.

[12] X. Kang, R. Zhang, and M. Motani. “Price Based Resource Allocation for Spectrum Sharing Femtocell Networks: A Stackelberg Game Approach”. In: *IEEE Journal on Selected Areas in Communications* 30.3 (Apr. 2012), pp. 538–549. ISSN: 0733-8716.

[13] M. Khaledi and A. A. Abouzeid. “Optimal Bidding in Repeated Wireless Spectrum Auctions with Budget Constraints”. In: *2016 IEEE Global Communications Conference (GLOBECOM)*. Dec. 2016, pp. 1–6.

[14] Q. Wang et al. “THEMIS: Collusion-Resistant and Fair Pricing Spectrum Auction Under Dynamic Supply”. In: *IEEE Transactions on Mobile Computing* 16.7 (July 2017), pp. 2051–2064. ISSN: 1536-1233.

[15] D. Wu et al. “Energy Efficient Resource Sharing for Mobile Device to Device Multimedia Communications”. In: *IEEE Transactions on Vehicular Technology* 63.5 (June 2014), pp. 2093–2103. ISSN: 0018-9545.

Networking: network design, routing, NFV placement, p2p

[16] E. Anshelevich et al. "The price of stability for network design with fair cost allocation". In: *45th Annual IEEE Symposium on Foundations of Computer Science*. Oct. 2004, pp. 295–304.

[17] S. D'Oro et al. "Exploiting Congestion Games to Achieve Distributed Service Chaining in NFV Networks". In: *IEEE Journal on Selected Areas in Communications* 35.2 (Feb. 2017), pp. 407–420. ISSN: 0733-8716.

[18] J. R. Marden and T. Roughgarden. "Generalized Efficiency Bounds in Distributed Resource Allocation". In: *IEEE Transactions on Automatic Control* 59.3 (Mar. 2014), pp. 571–584. ISSN: 0018-9286.

[19] T. Roughgarden. "Barriers to Near-Optimal Equilibria". In: *2014 IEEE 55th Annual Symposium on Foundations of Computer Science*. Oct. 2014, pp. 71–80.

[20] T. Roughgarden and E. Tardos. "How bad is selfish routing?" In: *Proceedings 41st Annual Symposium on Foundations of Computer Science*. 2000, pp. 93–102.

[21] Ruoxi Sun et al. "An Incentive Mechanism for P2P Network Using Accumulated Payoff Based Snowdrift Game Model". In: *Game Theory for Networks: 6th International Conference, GameNets 2016, Kelowna, BC, Canada, May 11-12, 2016, Revised Selected Papers*. Ed. by Julian Cheng et al. Cham: Springer International Publishing, 2017, pp. 122–132.

Control, Robotics

[22] R. Emery-Montemerlo et al. "Game Theoretic Control for Robot Teams". In: *Proceedings of the 2005 IEEE International Conference on Robotics and Automation*. Apr. 2005, pp. 1163–1169.

[23] E. Semsar-Kazerooni and K. Khorasani. "Multiagent team cooperation: A game theory approach". In: *Automatica* 45.10 (2009), pp. 2205–2213. ISSN: 0005-1098.

Economics: Trading between countries

[24] Günter Gabisch. "International Trade and Game Theory in a Context of Economic Growth". In: *Mathematical Economics and Game Theory: Essays in Honor of Oskar Morgenstern*. Ed. by Rudolf Henn and Otto Moeschlin. Berlin, Heidelberg: Springer Berlin Heidelberg, 1977, pp. 290–307.

[25] Glenn W. Harrison and E. E. Rutstrom. "Trade Wars, Trade Negotiations and Applied Game Theory". In: *The Economic Journal* 101.406 (1991), pp. 420–435. ISSN: 00130133, 14680297.