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S., Varma, V., Lasaulce, S., Radjef, M., Correlated Equilibria in Wireless Power Control Games -- Chorppath, A., Zappone, A., Jorswieck, E., Alpcan, T., An Energy-Efficiency Game in Relay-Assisted D2D Networks with Malicious Devices -- Courcoubetis, C., Dimakis, A., Kanakakis, M., Minimally Intrusive Server Policies for Background Data Transfers -- De Pellegrini, F., Massaro, A., Goratti, L., Rachid, E., Bounded Generalized Kelly Mechanism for Multi-Tenant Caching in Mobile Edge Clouds -- Douros, V., Toumpis, S., Polyzos, G., Power Control and Bargaining for Cellular Operator Revenue Increase under Licensed Spectrum Sharing -- Grammatico, S., An Incentive Mechanism for Agents Playing Competitive Aggregative Games -- Hamidouche, K., Saad, W., Debbah, M., Multi-Games for LTE and WiFi Coexistence over Unlicensed Channels -- Hasan, C., Marina, M., Energy-Efficient User Association in Broadcast Transmission -- Ju, M., Zhou, F., Xiao, S., Torres-Moreno, J., Spectrum Shared p-Cycle Design in Elastic Optical Networks with/without Spectrum Conversion Capabilities -- Chaitanya, A., Mukherji, U., Sharma, V., Learning Equilibria of a Stochastic Game on Gaussian Interference Channels with Incomplete Information -- Legenvre, F., Altman, E., Hayal, Y., Potential Game Approach to Virus Attack in Network General Topology -- Marcastel, A., Belmega, E., Mertikopoulos, P., Fijalkow, I., Interfernce Mitigation via Pricing in Time-Varying Cognitive Radio Systems -- Silva, A., Opinion Manipulation in Social Networks -- Taynitskiy, V., Gubar, E., Zhu, Q., Optimal Security Policy for Protection against Heterogeneous Malware -- Wu, H., Zhou, F., Zhu, Z., Chen, Y., An Experimental Comparison of Routing and Spectrum Assignment Algorithms in Elastic Optical Networks -- Zhang, C., Varma, V., Lasaulce, S., Robust Power Modulation for Channel State Information Exchange.

| Sommario/riassunto | This contributed volume offers a collection of papers presented at the 2016 Network Games, Control, and Optimization conference (NETGCOOP), held at the University of Avignon in France, November 23-25, 2016. These papers highlight the increasing importance of network control and optimization in many networking application domains, such as mobile and fixed access networks, computer networks, social networks, transportation networks, and, more recently, electricity grids and biological networks. Covering a wide variety of both theoretical and applied topics in the areas listed above, the authors explore several conceptual and algorithmic tools that are needed for efficient and robust control operation, performance optimization, and better understanding the relationships between entities that may be acting cooperatively or selfishly in uncertain and possibly adversarial environments. As such, this volume will be of interest to applied mathematicians, computer scientists, engineers, and researchers in other related fields. |