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Collana	Static & Dynamic Game Theory: Foundations & Applications, , 2363-8516
Disciplina	519.3
Soggetti	Game theory System theory Computer science—Mathematics Computer mathematics Game Theory, Economics, Social and Behav. Sciences Systems Theory, Control Mathematical Applications in Computer Science Math Applications in Computer Science
Lingua di pubblicazione	Inglese
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Nota di contenuto	Pricing of Coexisting Cellular and Community Networks -- Achieving Arbitrary Throughput-Fairness Trade-offs in the Inter Cell Interference Coordination with Fixed Transmit Power Problem -- Coexistence of LTE-Uncensored and WiFi with Optimal Channel Aggregation -- Analysis of Sponsored Data Practices in the Case of Competing Wireless Service Providers -- Media delivery competition with edge cloud, remote cloud and networking -- An Algorithmic Framework for Geo-Distributed Analytics -- The Stackelberg Equilibria of the Kelly Mechanism -- To Participate or Not in a Coalition in Adversarial Games -- On the Asymptotic Content Routing Stretch in Network of Caches: Impact of Popularity Learning -- Tiered Spectrum Measurement Markets for Licensed Secondary Spectrum -- On Incremental Passivity in Network Games -- Impact of social connectivity on herding behavior -- A

truthful auction mechanism for dynamic allocation of LSA spectrum blocks for 5G -- Routing game with nonseparable costs for EV driving and charging incentive design -- The Social Medium Selection Game -- Public Good Provision Games on Networks with Resource Pooling.

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Sommario/riassunto

This contributed volume offers a collection of papers presented at the 2018 Network Games, Control, and Optimization conference (NETGCOOP), held at the New York University Tandon School of Engineering in New York City, November 14-16, 2018. 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.

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