

1. Record Nr.	UNINA9910254088403321
Titolo	Recent Advances in Game Theory and Applications : European Meeting on Game Theory, Saint Petersburg, Russia, 2015, and Networking Games and Management, Petrozavodsk, Russia, 2015 / / edited by Leon A. Petrosyan, Vladimir V. Mazalov
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Birkhäuser, , 2016
ISBN	3-319-43838-7
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XII, 284 p. 48 illus., 39 illus. in color.)
Collana	Static & Dynamic Game Theory: Foundations & Applications, , 2363-8524
Disciplina	519.3
Soggetti	Game theory Econometrics Operations research Management science Game Theory Quantitative Economics Operations Research, Management Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Ranking Journals in Sociology, Education and Public Administration by Social Choice Theory Methods -- On the Position Value for Special Classes of Networks -- A Differential Game of a Duopoly with Network Externalities -- The Shapley Value as a Sustainable Cooperative Solution in Differential Games of 3 Players -- Impact of Propagation Information in the Model of Tax Audit -- An Infinite Horizon Differential Game of Optimal CLV-based Strategies with Non-atomic Firms -- A Dynamic Model of a Decision Making Body where the Power of Veto can be Invoked -- The Selten-Szidarovszky Technique: the Transformation Part -- Generalized Nucleoli and Generalized Bargaining Sets for Games with Restricted Cooperation -- Occurrence of Deception under the Oversight of a Regulator Having Reputation Concerns -- Bayesian Networks and Games of Deterrence -- A New

Look at the Study of Solutions for Games in Partition Function Form --  
A Model of Tacit Collusion: Nash-2 Equilibrium Concept -- Strong  
Coalitional Structure in an Open Vehicle Routing Game.

Sommario/riassunto

This contributed volume contains fourteen papers based on selected presentations from the European Conference on Game Theory SING11-GTM 2015, held at Saint Petersburg State University in July 2015, and the Networking Games and Management workshop, held at the Karelian Research Centre of the Russian Academy of Sciences in Petrozavodsk, Russia, also in July 2015. These papers cover a wide range of topics in game theory, including recent advances in areas with high potential for future work, as well as new developments on classical results. Some of these include A new approach to journal ranking using methods from social choice theory; A differential game of a duopoly in which two firms are competing for market share in an industry with network externalities; The impact of information propagation in the model of tax audits; A voting model in which the results of previous votes can affect the process of coalition formation in a decision-making body; The Selten-Szidarovsky technique for the analysis of Nash equilibria of games with an aggregative structure; Generalized nucleoli and generalized bargaining sets for games with restricted cooperation; Bayesian networks and games of deterrence; and A new look at the study of solutions for games in partition function form. The maturity and vitality of modern-day game theory are reflected in the new ideas, novel applications, and contributions of young researchers represented in this collection. It will be of interest to anyone doing theoretical research in game theory or working on one its numerous applications.