1.	Record Nr.	UNINA9910484364503321
	Titolo	Frontiers in Games and Dynamic Games : Theory, Applications, and Numerical Methods / / edited by David Yeung, Shravan Luckraz, Chee Kian Leong
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Birkhäuser, , 2020
	ISBN	3-030-39789-0
	Edizione	[1st ed. 2020.]
	Descrizione fisica	1 online resource (243 pages)
	Collana	Annals of the International Society of Dynamic Games, , 2474-0179 ; ; 16
	Disciplina	519.3
	Soggetti	Game theory Mathematics Social sciences Game Theory, Economics, Social and Behav. Sciences Mathematics in the Humanities and Social Sciences Game Theory
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Part I: Cooperative Dynamic Games (Plenary Lectures) -- Dynamically Stable Cooperative Provision of Public Goods Under Transferable Utility -- Strongly Time-Consistent Solutions in Cooperative Dynamic Games -- Part II: Stackelberg Games -- Incentive Stackelberg Games for Stochastic Systems -- Social and Private Interests Coordination Engines in Resource Allocation: System Compatibility, Corruption and Regional Development -- Part III: Games on Graphs and Networks -- A Multi-Stage Model of searching for Two Mobile Objects on a Graph -- The Impact of Product Differentiation on Symmetric R&D Networks -- Part IV: Numerical Methods in Games and Dynamic Games -- Global Optimization Approach to Nonzero Sum Six-Person Game -- An Infinite-Horizon Mean Field Game of Growth and Capital Accumulation: A Markov Chain Approximation Numerical Scheme and Its Challenges.
	Sommario/riassunto	This contributed volume presents the state-of-the-art of games and dynamic games, featuring several chapters based on plenary sessions

at the ISDG-China Chapter Conference on Dynamic Games and Game Theoretic Analysis, which was held from August 3-5, 2017 at the Ningbo campus of the University of Nottingham, China. The chapters in this volume will provide readers with paths to further research, serving as a testimony to the vitality of the field. Experts cover a range of theory and applications related to games and dynamic games, with topics including: Dynamically stable cooperative provision of public goods under non-transferable utility Strongly time-consistent solutions in cooperative dynamic games Incentive Stackelberg games for stochastic systems Static and inverse Stackelberg games in political economy Cournot and Betrand competition on symmetric R&D networks Numerical Nash equilibria using curvilinear multistart algorithm Markov chain approximation numerical scheme for infinite-horizon mean field games Frontiers in Games and Dynamic Games will appeal to an interdisciplinary audience of researchers, practitioners, and graduate students interested in games and dynamic games.