1. Record Nr. UNINA9910451749803321

Titolo	Pareto optimality, game theory and equilibria [[electronic resource] /] / edited by Altannar Chinchuluun ... [et al.]
Pubbl/distr/stampa	New York, : Springer, c2008
ISBN	1-281-49098-9 9786611490980 0-387-77247-2
Edizione	[1st ed. 2008.]
Descrizione fisica	1 online resource (882 p.)
Collana	Springer optimization and its applications ; ; v. 17
Altri autori (Persone)	ChinchuluunAltannar
Disciplina	519.3 519.6
Soggetti	Equilibrium (Economics) Game theory Mathematical optimization Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Game and Game Theory -- Minimax: Existence and Stability -- Recent Advances in Minimax Theory and Applications -- On Noncooperative Games, Minimax Theorems, and Equilibrium Problems -- Nonlinear Games -- Scalar Asymptotic Contractivity and Fixed Points for Nonexpansive Mappings on Unbounded Sets -- Cooperative Combinatorial Games -- Algorithmic Cooperative Game Theory -- A Survey of Bicooperative Games -- Cost Allocation in Combinatorial Optimization Games -- Time-Dependent Equilibrium Problems -- Differential Games of Multiple Agents and Geometric Structures -- Convexity in Differential Games -- Game Dynamic Problems for Systems with Fractional Derivatives -- Projected Dynamical Systems, Evolutionary Variational Inequalities, Applications, and a Computational Procedure -- Strategic Audit Policies Without Commitment -- Optimality and Efficiency in Auctions Design: A Survey -- Multiobjective, KKT, Bilevel -- Solution Concepts and an Approximation Kuhn–Tucker Approach for Fuzzy Multiobjective Linear Bilevel Programming -- Pareto Optimality -- Multiobjective Optimization: A

	Brief Overview -- Parametric Multiobjective Optimization -- Applications -- The Extended Linear Complementarity Problem and Its Applications in Analysis and Control of Discrete-Event Systems -- Traffic Assignment: Equilibrium Models -- Investment Paradoxes in Electricity Networks -- Algorithms for Network Interdiction and Fortification Games -- Game Theoretical Approaches in Wireless Networks -- Multiobjective Control of Time-Discrete Systems and Dynamic Games on Networks -- A Military Application of Viability: Winning Cones, Differential Inclusions, and Lanchester Type Models for Combat -- Statics and Dynamics of Global Supply Chain Networks -- Game Theory Models and Their Applications in Inventory Management and Supply Chain.
Sommario/riassunto	This comprehensive work examines important recent developments and modern applications in the fields of optimization, control, game theory, and equilibrium programming. In particular, the concepts of equilibrium and optimality are of immense practical importance affecting decision-making problems regarding policy and strategies, and in understanding and predicting systems in different application domains, ranging from economics and engineering to military applications. The book consists of twenty-nine survey chapters written by distinguished researchers in the above areas.