1. Record Nr. UNINA9910299715003321

Titolo	Novel Insights in Agent-based Complex Automated Negotiation / / edited by Ivan Marsa-Maestre, Miguel A. Lopez-Carmona, Takayuki Ito, Minjie Zhang, Quan Bai, Katsuhide Fujita
Pubbl/distr/stampa	Tokyo : , : Springer Japan : , : Imprint : Springer, , 2014
ISBN	9784431547587 4431547584
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (X, 204 p. 50 illus., 15 illus. in color.)
Collana	Studies in Computational Intelligence, , 1860-9503 ; ; 535
Disciplina	006.3
Soggetti	Computational intelligence Artificial intelligence Econometrics Dynamics Nonlinear theories Computational Intelligence Artificial Intelligence Quantitative Economics Applied Dynamical Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intra-Team Strategies for Teams Negotiating Against Competitor, Matchers and Conceders -- Alternative Social Welfare Definitions for Multiparty Negotiation Protocols -- Multilateral Mediated Negotiation Protocols with Feedback -- Decoupling Negotiating Agents to Explore the Space of Negotiation Strategies -- A Dynamic, Optimal Approach for Multi-Issue Negotiation under Time Constraints -- On Dynamic Negotiation Strategy for Concurrent Negotiation over Distinct Objects -- Reducing The Complexity of Negotiations Over Interdependent Issues -- Evaluation of the Reputation Network Using Realistic Distance Between Facebook Data -- An Overview of the Results and Insights from The Third Automated Negotiating Agents Competition (ANAC2012) -- An Adaptive Negotiation Strategy for Real-time Bilateral

Negotiations -- CUHK Agent: An Adaptive Negotiation Strategy for Bilateral Negotiations over Multiple Items -- Agent MR: Concession Strategy Based on Heuristic for Automated Negotiating Agents -- OMAC: A Discrete Wavelet Transformation based Negotiation Agent -- The Simple-Meta Agent.

Sommario/riassunto

This book focuses on all aspects of complex automated negotiations, which are studied in the field of autonomous agents and multi-agent systems. This book consists of two parts. I: Agent-Based Complex Automated Negotiations, and II: Automated Negotiation Agents Competition. The chapters in Part I are extended versions of papers presented at the 2012 international workshop on Agent-Based Complex Automated Negotiation (ACAN), after peer reviews by three Program Committee members. Part II examines in detail ANAC 2012 (The Third Automated Negotiating Agents Competition), in which automated agents that have different negotiation strategies and are implemented by different developers are automatically negotiated in the several negotiation domains. ANAC is an international competition in which automated negotiation strategies, submitted by a number of universities and research institutes across the world, are evaluated in tournament style. The purpose of the competition is to steer the research in the area of bilateral multi-issue, closed negotiation. This book also includes the rules, results, agents, and domain descriptions for ANAC 2011 as submitted by the organizers and finalists.