1. Record Nr. UNINA9910483260903321 Autore Nguyen Ngoc Thanh Titolo Transactions on computational collective intelligence II / / Ngoc Thanh Nguyen, Ryszard Kowalczyk (eds.) Berlin; New York, : Springer Berlin Heidelberg, 2010 Pubbl/distr/stampa **ISBN** 1-280-39038-7 9786613568304 3-642-17155-9 Edizione [1st ed. 2010.] Descrizione fisica 1 online resource (VII, 197 p. 51 illus.) Collana Lecture Notes in Computer Science, , 0302-9743 ; ; 6450 Altri autori (Persone) KowalczykRyszard Disciplina 006.3 Soggetti Artificial intelligence Computer networks Computer science Information storage and retrieval systems Software engineering 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 Integration Proposal for Description Logic and Attributive Logic – Towards Semantic Web Rules -- A Cross-Cultural Multi-agent Model of Opportunism in Trade -- Enhancing Social Search: A Computational Collective Intelligence Model of Behavioural Traits, Trust and Time --Group-Oriented Services: A Shift towards Consumer-Managed Relationships in the Telecom Industry -- The Semantic Web: From Representation to Realization -- Decision Support System Based on Computational Collective Intelligence in Campus Information Systems -- Fuel Crime Conceptualization through Specialization of Ontology for Investigation Management System -- A Robust Approach for Nonlinear UAV Task Assignment Problem under Uncertainty -- Pricing the Services in Dynamic Environment: Agent Pricing Model -- JABAT Middleware as a Tool for Solving Optimization Problems. Sommario/riassunto Welcome to the second volume of Transactions on Computational Collective Intel- gence (TCCI), a new journal devoted to research in computer-based methods of c- putational collective intelligence (CCI)

and their applications in a wide range of fields such as the Semantic

Web, social networks and multi-agent systems. TCCI strives to cover new methodological, theoretical and practical aspects of CCI understood as the form of intelligence that emerges from the collaboration and competition of many individuals (artificial and/or natural). The application of multiple computational int-ligence technologies such as fuzzy systems, evolutionary computation, neural s- tems, consensus theory, etc., aims to support human and other collective intelligence and to create new forms of CCI in natural and/or artificial systems. TCCI is a double-blind refereed and authoritative reference dealing with the wo- ing potential of CCI methodologies and applications, as well as emerging issues of interest to academics and practitioners. This second issue contains a collection of 10 articles selected from high-quality submissions addressing advances in the foun- tions and applications of computational collective intelligence. In "Integration P- posal for Description Logic and Attributive Logic -Towards Semantic Web Rules" G. Nalepa and W. Furmanska propose a transition from attributive logic to description logic in order to improve the design of Semantic Web rules. K. Thorisson et al.