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Collana	Lecture Notes in Artificial Intelligence ; ; 5428
Disciplina	006.3
Soggetti	Artificial intelligence Computer communication systems Software engineering Computer logic Computer programming Artificial Intelligence Computer Communication Networks Software Engineering/Programming and Operating Systems Software Engineering Logics and Meanings of Programs Programming Techniques
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	From Coordination to Organization -- Agreeing on Institutional Goals for Multi-agent Societies -- Organizations and Autonomous Agents: Bottom-Up Dynamics of Coordination Mechanisms -- Combining Job and Team Selection Heuristics -- Force Versus Majority: A Comparison in Convention Emergence Efficiency -- From Organization to Coordination -- Automatic Generation of Distributed Team Formation Algorithms from Organizational Models -- Exploring Robustness in the Context of Organizational Self-design -- Instrumenting Multi-agent Organisations with Artifacts to Support Reputation Processes -- A

Hybrid Reputation Model Based on the Use of Organizations --  
Formalization of Norms and Institutions -- Formalising Situatedness  
and Adaptation in Electronic Institutions -- A Context-Based  
Institutional Normative Environment -- Towards a Formalisation of  
Electronic Contracting Environments -- Design of Norms and  
Institutions -- An Automata-Based Monitoring Technique for  
Commitment-Based Multi-Agent Systems -- Using SOA Provenance to  
Implement Norm Enforcement in e-Institutions -- Verifying Social  
Expectations by Model Checking Truncated Paths -- Applications --  
The Use of Norms Violations to Model Agents Behavioral Variety --  
Categorizing Social Norms in a Simulated Resource Gathering Society  
-- Transgression and Atonement.

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Sommario/riassunto

This book constitutes the thoroughly refereed post-workshop proceedings of the International Workshop on Coordination, Organization, Institutions and Norms in Agent Systems, COIN 2008, held as two events at AAMAS 2008, the 7th International Joint Conference on Autonomous Agents and Multiagent Systems in Estoril, Portugal, in May 2008 and at AAI 2008, the 23rd AAI Conference on Artificial Intelligence in Chicago, IL, USA, in July 2008. This volume is the 4th in a series focussing on issues in Coordination, Organizations, Institutions and Norms (COIN) in multi-agent systems. The 17 papers contained in this volume are the revised and extended versions of a selection of papers presented and discussed in these two workshops. The papers are organized in the following topical sections: from coordination to organization, from organization to coordination, formalization of norms and institutions, design of norms and institutions, as well as applications.

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