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   Nota di contenuto   Invited Paper -- Plan-Coordination Mechanisms and the Price of
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                       Formal Modelling of Emotions in BDI Agents -- 'What I Fail to Do
                       Today, I Have to Do Tomorrow': A Logical Study of the Propagation of
                       Obligations -- Proof Theory for Distributed Knowledge -- EVOLP:
                       Transformation-Based Semantics -- Language Constructs for Multi-
                       agent Programming -- -Tropos -- A Heuristic Approach to P2P
                       Negotiation -- Towards Context Sensitive Defeasible Rules -- Fuzzy
                       Argumentation for Trust -- Assumption-Based Argumentation for
                       Selection and Composition of Services -- A Complete Quantified
                       Epistemic Logic for Reasoning about Message Passing Systems --
                       Analytic Cut-Free Tableaux for Regular Modal Logics of Agent Beliefs
                       -- System Description Paper -- EVOLP: An Implementation.

   Sommario/riassunto This book constitutes the thoroughly refereed post-conference
                       proceedings of the 8th International Workshop on Computational Logic
                       for Multi-Agent Systems, CLIMA VIII, held in Porto, Portugal, in
                       September 2007 - co-located with ICLP 2008, the International
                       Conference on Logic Programming. The 14 revised full technical papers
                       and 1 system description paper presented together with 1 invited paper
                       were carefully selected from 33 submissions and went through at least
                       two rounds of reviewing and improvement. The regular papers address

topics such as interdependencies and co-ordination of task-based planning in multi-agent systems, interval temporal logic, game theoretic concepts for reasoning about rational agents, proof theory for multi-agent epistemic logic, transformational semantics for evolving logic programs (EVOLP), programming languages based on BDI models, agent oriented early requirements engineering framework, heuristic algorithms for agent negotiation, as well as argumentation.