

1. Record Nr.	UNISALENTO991001459449707536
Autore	Guidicini, Paolo
Titolo	Questionari, interviste, storie di vita : come costruire gli strumenti, raccogliere le informazioni ed elaborare i dati / Paolo Guidicini
Pubbl/distr/stampa	Milano : F. Angeli, 1995
ISBN	8820491338
Descrizione fisica	255 p. ; 22 cm.
Collana	Sociologia Ang ; 256
Soggetti	Computers - Impiego in sociologia Sociologia - Ricerche - Metodo Statistica sociale - Metodo
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910767571503321
Titolo	Argumentation in Multi-Agent Systems : First International Workshop, ArgMAS 2004, New York, NY, USA, July 19, 2004, Revised Selected and Invited Papers // edited by Iyad Rahwan, Pavlos Moraitis, Chris Reed
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2005
ISBN	3-540-32261-2 3-540-24526-X
Edizione	[1st ed. 2005.]
Descrizione fisica	1 online resource (XII, 263 p.)
Collana	Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 3366
Altri autori (Persone)	RahwanIyad MoraitisPavlos ReedChris <1956->
Disciplina	006.3
Soggetti	Language and languages - Style Artificial intelligence Computer networks User interfaces (Computer systems) Human-computer interaction Natural language processing (Computer science) Stylistics Artificial Intelligence Computer Communication Networks User Interfaces and Human Computer Interaction Natural Language Processing (NLP)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Papers presented at a workshop held at Columbia University, New York in July 2004.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Foundations of Dialogues -- Some Preliminary Steps Towards a Meta-theory for Formal Inter-agent Dialogues -- Towards a Formal and Implemented Model of Argumentation Schemes in Agent Communication -- Formal Dialectic Specification -- A Modal Semantics for an Argumentation-Based Pragmatics for Agent Communication -- Layered Strategies and Protocols for Argumentation-Based Agent

Interaction -- Belief Revision -- Revising Beliefs Through Arguments: Bridging the Gap Between Argumentation and Belief Revision in MAS -- An Argument-Based Framework to Model an Agent's Beliefs in a Dynamic Environment -- Argumentation in Bayesian Belief Networks -- Persuasion & Deliberation -- Specifying and Implementing a Persuasion Dialogue Game Using Commitments and Arguments -- A Dialogue Game Protocol for Multi-agent Argument over Proposals for Action -- A Denotational Semantics for Deliberation Dialogues -- Negotiation -- Bargaining and Argument-Based Negotiation: Some Preliminary Comparisons -- On the Generation of Bipolar Goals in Argumentation-Based Negotiation -- A Bayes Net Approach to Argumentation Based Negotiation -- Negotiation Among DDeLP Agents -- Strategic Issues -- Is It Worth Arguing? -- When Is It Okay to Lie? A Simple Model of Contradiction in Agent-Based Dialogues.

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### Sommario/riassunto

The theory of argumentation is a rich, interdisciplinary area of research lying across philosophy, communication studies, linguistics, and psychology (at least). Its techniques and results have found a wide range of applications in both theoretical and practical branches of artificial intelligence and computer science. Several theories of argumentation with various semantics have been proposed in the literature. Multi-agent systems theory has picked up argument-inspired approaches and specially argumentation-theoretic results from many different areas. The community of researchers in argumentation and multi-agent systems is currently presented with a unique opportunity to integrate the various understandings of argument into a coherent and core part of the functioning of autonomous computational systems.

The benefits range from extended semantics of arguments construed as relationships between epistemic atoms, through conversation protocols for argumentation with serendipitous information exchange, to models of dialectical practical reasoning, both intra- and inter-agent (and a mixture of the two). In all these cases argumentation is used to structure knowledge representation, reasoning and agent interaction, and offers a potential means of better integrating these disparate problems.

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