

1. Record Nr.	UNISA996465667803316
Titolo	Logics in Artificial Intelligence [[electronic resource]] : European Workshop, JELIA '96, Evora, Portugal, September 30 - October 3, 1996, Proceedings // edited by Jose Julio Alferes, Luis Moniz Pereira, Eva Orłowska
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1996
ISBN	3-540-70643-7
Edizione	[1st ed. 1996.]
Descrizione fisica	1 online resource (X, 426 p.)
Collana	Lecture Notes in Artificial Intelligence ; ; 1126
Disciplina	006.3/01/5113
Soggetti	Artificial intelligence Architecture, Computer Mathematical logic Artificial Intelligence Computer System Implementation Mathematical Logic and Formal Languages
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Hyper tableaux -- An algorithm for the retrieval of unifiers from discrimination trees -- Building proofs or counterexamples by analogy in a resolution framework -- What you always wanted to know about rigid E-unification -- Labelled proofs for quantified modal logic -- A uniform tableaux method for nonmonotonic modal logics -- Design and implementation of diagnostic strategies using modal logic -- A modal action logic based framework for organization specification and analysis -- McCarthy's idea -- Strong and explicit negation in non-monotonic reasoning and logic programming -- Only persistence makes nonmonotonicity monotonous -- Ordering-based representations of rational inference -- Semi-representability of default theories in rational default logic -- A query answering algorithm for Lukaszewicz' general open default theory -- Infinitary default logic for specification of nonmonotonic reasoning -- A system for computing constrained default logic extensions -- The Oz programming model --

An abductive framework for negation in disjunctive logic programming -- Characterizing D-WFS: Confluence and iterated GCWA -- Modules and specifications -- Logic programming with integrity constraints -- Temporal reasoning over linear discrete time -- Similarity saturation for first order linear temporal logic with UNLESS -- Carving Up space: Steps towards construction of an absolutely complete theory of spatial regions -- Informational logic for automated reasoning -- Extensions for open default theories via the domain closure assumption -- Revising and updating using a back-up semantics -- A simple signed system for paraconsistent reasoning.

Sommario/riassunto

This book presents the refereed proceedings of the Sixth European Workshop on Logics in Artificial Intelligence, JELIA '96, held in Evora, Portugal in September/October 1996. The 25 revised full papers included together with three invited papers were selected from 57 submissions. Many relevant aspects of AI logics are addressed. The papers are organized in sections on automated reasoning, modal logics, applications, nonmonotonic reasoning, default logics, logic programming, temporal and spatial logics, and belief revision and paraconsistency.
