#### 图书基本信息

书名:《Advances in Artificial Intelligence - SBIA 2004(人工智能进展-SBIA2004年/会议录)》

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#### 内容概要

This book constitutes the refereed proceedings of the 17th Brazilian Symposium on Artificial Intelligence, SBIA 2004, held in Sao Luis, Maranhao, Brazil in September/October 2004.

The 54 revised full papers presented were carefully reviewed and selected from 208 submissions from 21 countries. The papers are organized in topical sections on logics, planning, and theoretical methods; search, reasoning, and uncertainty; knowledge representation and ontologies; natural language processing; machine learning, knowledge discovery and data mining; evolutionary computing, artificial life, and hybrid systems; robotics and compiler vision; and autonomous agents and multi-agent systems.

#### 书籍目录

Logics, Planning, and Theoretical Methods

On Modalities for Vague Notions

Towards Polynomial Approximations of Full Propositional Logic

Using Relevance to Speed Up Inference. Some Empirical Results

A Non-explosive Treatment of Functional Dependencies Using Rewriting Logic

Reasoning About Requirements Evolution Using Clustered Belief Revision

Analysing AI Planning Problems in Linear Logic-A Partial Deduction Approach

Planning with Abduction: A Logical Framework to Explore Extensions to Classical Planning

High-Level Robot Programming: An Abductive Approach Using Event Calculus

Search, Reasoning, and Uncertainty

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Towards a Natural Way of Reasoning

Is Plausible Reasoning a Sensible Alternative for Inductive-Statistical Reasoning?

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Using Color to Help in the Interactive Concept Formation

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Applying a Lexical Similarity Measure to Compare Portuguese Term Collections

Dialog with a Personal Assistant

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DiZer: An Automatic Discourse Analyzer for Brazilian Portuguese

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Machine Learning, Knowledge Discovery, and Data Mining

Evoutionary Computation, Artificial Life, and Hybrid Systems

Robotics and Computer Vision

Autonomous Agents and Multi-agent Systems

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