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Collana	Lecture Notes in Artificial Intelligence ; ; 2671
Disciplina	004.6
Soggetti	Artificial intelligence Artificial Intelligence Science, Humanities and Social Sciences, multidisciplinary
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Experiences Building a Distributed Sensor Network -- Artificial Intelligence and Human Brain Imaging -- Machine Learning Methods for Computational Proteomics and Beyond -- The Structure Model Interpretation of Wright's NESS Test -- Answer Formulation for Question-Answering -- Pattern-Based AI Scripting Using ScriptEase -- Enumerating the Preconditions of Agent Message Types -- Monadic Memoization towards Correctness-Preserving Reduction of Search -- Searching Solutions in the Crypto-arithmetic Problems: An Adaptive Parallel Genetic Algorithm Approach -- Stochastic Local Search for Multiprocessor Scheduling for Minimum Total Tardiness -- A Graph Based Backtracking Algorithm for Solving General CSPs -- Iterated Robust Tabu Search for MAX-SAT -- Scaling and Probabilistic Smoothing: Dynamic Local Search for Unweighted MAX-SAT -- A Comparison of Consistency Propagation Algorithms in Constraint Optimization -- Discovering Temporal/Causal Rules: A Comparison of Methods -- Selective Transfer of Task Knowledge Using Stochastic Noise -- Efficient Mining of Indirect Associations Using HI-Mine -- Case Authoring from Text and Historical Experiences -- Session

Boundary Detection for Association Rule Learning Using n-Gram
 Language Models -- Negotiating Exchanges of Private Information for
 Web Service Eligibility -- Post-supervised Template Induction for
 Dynamic Web Sources -- Summarizing Web Sites Automatically --
 Cycle-Cutset Sampling for Bayesian Networks -- Learning First-Order
 Bayesian Networks -- AUC: A Better Measure than Accuracy in
 Comparing Learning Algorithms -- Model-Based Least-Squares Policy
 Evaluation -- DIAGAL: A Tool for Analyzing and Modelling
 Commitment-Based Dialogues between Agents -- Situation Event Logic
 for Early Validation of Multi-Agent Systems -- Understanding "Not-
 Understood": Towards an Ontology of Error Conditions for Agent
 Communication -- An Improved Ant Colony Optimisation Algorithm for
 the 2D HP Protein Folding Problem -- Hybrid Randomised
 Neighbourhoods Improve Stochastic Local Search for DNA Code Design
 -- A Strategy for Improved Satisfaction of Selling Software Agents in E-
 Commerce -- Pre-negotiations over Services — A Framework for
 Evaluation -- Formal Theory for Describing Action Concepts in
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 Feature Selection Strategies for Text Categorization -- Learning
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 Genetic K-means Clustering Algorithm Applied to Gene Expression
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 of Unsupervised and Supervised Learning Algorithms -- Motion
 Recognition from Video Sequences -- Noun Sense Disambiguation with
 WordNet for Software Design Retrieval -- Not as Easy as It Seems:
 Automating the Construction of Lexical Chains Using Roget's
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 The Virtual Driving Instructor Creating Awareness in a Multiagent
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 systems and Iterated Function Systems for Grammatical Synthesis of 3D
 Models -- An Unsupervised Clustering Algorithm for Intrusion
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 versus Dual Constraint Graph -- A Quick Look at Methods for Mining
 Long Subsequences -- Back to the Future: Changing the Direction of
 Time to Discover Causality -- Learning Coordination in RoboCupRescue
 -- Accent Classification Using Support Vector Machine and Hidden
 Markov Model -- A Neural Network Based Approach to the Artificial
 Aging of Facial Images -- Adaptive Negotiation for Agent Based
 Distributed Manufacturing Scheduling -- Multi-agent System
 Architecture for Tracking Moving Objects.

Sommario/riassunto

This book constitutes the refereed proceedings of the 16th Conference
 of the Canadian Society for Computational Studies of Intelligence, AI
 2003, held in Halifax, Canada in June 2003. The 30 revised full papers
 and 24 revised short papers presented were carefully reviewed and
 selected from 106 submissions. The papers are organized in topical

sections on knowledge representation, search, constraint satisfaction, machine learning and data mining, AI and Web applications, reasoning under uncertainty, agents and multi-agent systems, AI and bioinformatics, and AI and e-commerce. .
