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Altri autori (Persone)	ZuckerJean-Daniel SaittaL <1944-> (Lorenza)
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Nota di contenuto	Full Papers -- Verifying the Incorrectness of Programs and Automata -- Generating Admissible Heuristics by Abstraction for Search in Stochastic Domains -- Synthesizing Plans for Multiple Domains -- Abstract Policy Evaluation for Reactive Agents -- Implementing an Abstraction Framework for Soft Constraints -- Transforming and Refining Abstract Constraint Specifications -- Learning Regular Expressions from Noisy Sequences -- From Factorial and Hierarchical HMM to Bayesian Network: A Representation Change Algorithm -- Hierarchical Heuristic Search Revisited -- Multinomial Event Model Based Abstraction for Sequence and Text Classification -- Petri Net Reachability Checking Is Polynomial with Optimal Abstraction Hierarchies -- Detecting and Breaking Symmetries by Reasoning on Problem Specifications -- Approximate Model-Based Diagnosis Using Preference-Based Compilation -- Function Approximation via Tile Coding: Automating Parameter Choice -- Creating Better Abstract Operators -- A Specialised Binary Constraint for the Stable Marriage Problem -- Compositional Derivation of Symmetries for Constraint Satisfaction -- Extended Abstracts -- Solving the 24 Puzzle with Instance Dependent Pattern Databases -- Combining Feature Selection

and Feature Construction to Improve Concept Learning for High Dimensional Data -- A Qualitative Spatio-temporal Abstraction of a Disaster Space -- The Cruncher: Automatic Concept Formation Using Minimum Description Length -- Experiments with Multiple Abstraction Heuristics in Symbolic Verification -- Probabilistic Abstraction of Uncertain Temporal Data for Multiple Subjects -- Learning Classifiers Using Hierarchically Structured Class Taxonomies -- Feature-Discovering Approximate Value Iteration Methods -- Invited Talks -- Designing Views to Efficiently Answer Real SQL Queries -- The Multi-depot Periodic Vehicle Routing Problem -- Abstract Representation in Painting and Computing -- Research Summaries -- Categorizing Gene Expression Correlations with Bioclinical Data: An Abstraction Based Approach -- Learning Abstract Scheduling Models -- Knowledge Acquisition on Manipulation of Flow and Water Quality Models -- Abstraction and Multiple Abstraction in the Symbolic Modeling of the Environment of Mobile Robots -- Sequential Decision Making Under Uncertainty -- Automatic State Abstraction for Pathfinding in Real-Time Video Games -- Model-Based Search -- Learning Skills in Reinforcement Learning Using Relative Novelty.