## **Table of Contents**

A Refinement Operator for Theories
Learning Logic Programs with Neural Networks
A Genetic Algorithm for Propositionalization
Classifying Uncovered Examples by Rule Stretching
Relational Learning Using Constrained Confidence-Rated Boosting 51 Susanne Hoche and Stefan Wrobel
Induction, Abduction, and Consequence-Finding
From Shell Logs to Shell Scripts
An Automated ILP Server in the Field of Bioinformatics
Adaptive Bayesian Logic Programs
Towards Combining Inductive Logic Programming with Bayesian Networks
Demand-Driven Construction of Structural Features in ILP
Transformation-Based Learning Using Multirelational Aggregation 142 $Mark$ -A. $Krogel$ and $Stefan$ $Wrobel$
Discovering Associations between Spatial Objects : An ILP Application 156 Donato Malerba and Francesca A. Lisi
$\theta$ -Subsumption in a Constraint Satisfaction Perspective
Learning to Parse from a Treebank: Combining TBL and ILP 179 $Miloslav\ Nepil$

## X Table of Contents

Induction of Stable Models	193
Application of Pruning Techniques for Propositional Learning to Progol $$ . Some stress of the Schröder Propositional Learning to Progol $$ . Some stress of the Propositional Learning to Propositional Learn	206
Application of ILP to Cardiac Arrhythmia Characterization for Chronicle Recognition	220
Efficient Cross-Validation in ILP	228
Modelling Semi-structured Documents with Hedges for Deduction and Induction	240
Learning Functions from Imperfect Positive Data	248
Author Index	261