Invited Papers

A Survey of Association-Rule Mining
Degrees of Belief, Random Worlds, and Maximum Entropy
Discovery and Deduction

Regular Papers

Integrating Information Visualization and Retrieval for Discovering Internet Sources
A Unifying Approach to HTML Wrapper Representation and Learning
Discovery of Web Communities Based on the Co-occurrence of References
Clustering and Visualization of Large Protein Sequence Databases by Means of an Extension of the Self-Organizing Map
A Simple Greedy Algorithm for Finding Functional Relations: Efficient Implementation and Average Case Analysis
Graph-Based Induction for General Graph Structured Data and Its Application to Chemical Compound Data
Discovering Characteristic Expressions from Literary Works: A New Text Analysis Method beyond N-Gram Statistics and KWIC
Classifying Scenarios Using Belief Decision Trees
A Practical Algorithm to Find the Best Subsequence Patterns
On-Line Estimation of Hidden Markov Model Parameters
Computationally Efficient Heuristics for If-Then Rule Extraction from Freed-Forward Neural Networks
Language Learning with a Neighbor System
Application of Multivariate Maxwellian Mixture Model to Plasma Velocity Distribution Function
Knowledge Discovery from fMRI Brain Images by Logical Regression Analysis
Human Discovery Processes Based on Searching Experiments in Virtual Psychological Research Environment

Poster Papers

Prediction of Binding Affinities for Protein-ligand Complexes with Neural Network Models
Automatic and Accurate Determination of the Onset Time of the Quasi-periodic Oscillation
TheRoleofChoiceinDiscovery
Search for New Methods for Assignment of Complex Molecular Spectra
Computational Analysis for Discovery on the Plasma Waves Observed by Scientific Satellites
Direction Finding of the Waves in Plasma Using Energy Function
Coping the Challenge of Mutagens Discovery with Gil I.A for Windows
Discovering Interpretable Rules that Explain Customers’ Brand Choice Behavior
Mining for 4ft Association Rules
Rule Discovery Technique Using Genetic Programming Combined with Apriori Algorithm
Discovery of M-of-N Concepts for Classification
Issues in Organizing a Successful Knowledge Discovery Contest
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