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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Sentiment Knowledge Discovery in Twitter Streaming Data -- A Similarity-Based Adaptation of Naive Bayes for Label Ranking: Application to the Metalearning Problem of Algorithm Recommendation -- Topology Preserving SOM with Transductive Confidence Machine -- An Artificial Experimenter for Enzymatic Response Characterisation -- Subgroup Discovery for Election Analysis: A Case Study in Descriptive Data Mining -- On Enumerating Frequent Closed Patterns with Key in Multi-relational Data -- Why Text Segment Classification Based on Part

of Speech Feature Selection -- Speeding Up and Boosting Diverse Density Learning -- Incremental Learning of Cellular Automata for Parallel Recognition of Formal Languages -- Sparse Substring Pattern Set Discovery Using Linear Programming Boosting -- Discovery of Super-Mediators of Information Diffusion in Social Networks -- Integer Linear Programming Models for Constrained Clustering -- Efficient Visualization of Document Streams -- Bridging Conjunctive and Disjunctive Search Spaces for Mining a New Concise and Exact Representation of Correlated Patterns -- Graph Classification Based on Optimizing Graph Spectra -- Algorithm for Detecting Significant Locations from Raw GPS Data -- Discovery of Conservation Laws via Matrix Search -- Gaussian Clusters and Noise: An Approach Based on the Minimum Description Length Principle -- Exploiting Code Redundancies in ECOC -- Concept Convergence in Empirical Domains -- Equation Discovery for Model Identification in Respiratory Mechanics of the Mechanically Ventilated Human Lung -- Mining Class-Correlated Patterns for Sequence Labeling -- ESTATE: Strategy for Exploring Labeled Spatial Datasets Using Association Analysis -- Adapted Transfer of Distance Measures for Quantitative Structure-Activity Relationships -- Incremental Mining of Closed Frequent Subtrees -- Optimal Online Prediction in Adversarial Environments -- Discovery of Abstract Concepts by a Robot -- Contrast Pattern Mining and Its Application for Building Robust Classifiers -- Towards General Algorithms for Grammatical Inference -- The Blessing and the Curse of the Multiplicative Updates.

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Nota di contenuto	Intro -- Contents -- Editors and Contributors -- Social Impression of Faces: From Prediction to Modification -- 1 Introduction -- 2 Predicting Social Attributes of Faces -- 3 Creating a Large-Scale Facial Impression Dataset -- 4 Validating the Algorithm-Augmented Dataset -- 5 ModifAE: A Modification Model of Social Impressions -- 5.1 Architecture -- 5.2 ModifAE Training Procedure -- 5.3 How ModifAE Works -- 5.4 Qualitative Evaluation -- 5.5 Quantitative Evaluation -- 5.6 Qualitative Interpretations -- 6 Discussion -- References -- Corruption and the Effects of Influence Within Social Networks: An Agent-Based Model of the ``Lava Jato" Scandal -- 1 Introduction -- 2 Background -- 3 The Model -- 3.1 Generation of Networks -- 3.2 Agents -- 3.3 Initialization of the Model and Agent Interactions -- 4 Results -- 5 Conclusion -- References -- Resistance of Communities Against Disinformation -- 1 Introduction -- 2 Opinion Dynamics -- 3 Model of Conspirators -- 4 Results -- 5 Discussion -- References -- Assessing the Potential of Crowd-Shipping for Food Rescue Logistics Using Agent-Based Modeling -- 1 Introduction -- 2 Models of Crowd-Shipping Systems -- 3 Agent-Based Model -- 3.1 Model Overview -- 3.2 Sub-Model 1: Restaurant Agent Decision-Making -- 3.3 Sub-Model 2: Shelter Assignment -- 3.4 Sub-Model 3: Crowd-Shipper Agent Decision-Making -- 3.5 Initialization -- 4 Experimentation and Results

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