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Collana	Lecture Notes in Artificial Intelligence ; ; 9580
Disciplina	005.7565
Soggetti	Artificial intelligence Application software Computer communication systems Algorithms Data mining Database management Artificial Intelligence Information Systems Applications (incl. Internet) Computer Communication Networks Algorithm Analysis and Problem Complexity Data Mining and Knowledge Discovery Database Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Online Social Networks Event Detection -- Detecting Events in Online Social Networks: Definitions, Trends and Challenges -- Why do we need data privacy -- Sharing Data with Guaranteed Privacy -- Distributed Support Vector Machines -- Big Data Classification — Aspects on Many Features -- Knowledge Discovery from Complex High Dimensional Data -- Local Pattern Detection in Attributed Graphs -- Advances in Exploratory Pattern Analytics on Ubiquitous Data and Social Media -- Understanding Human Mobility with Big Data -- On Event Detection from Spatial Time series for Urban Traffic Applications -- Compressible

Reparametrization of Time-Variant Linear Dynamical Systems --
Detection of Local Intensity Changes in Grayscale Images with Robust
Methods for Time-Series Analysis -- SCHEP — A Geometric Quality
Measure for Regression Rule Sets, Gauging Ranking Consistency
Throughout the Real-Valued Target Space -- Bayesian Ordinal
Aggregation of Peer Assessments: A Case Study on KDD 2015 --
Collaborative on line learning of an action model -- Ontology-based
Classification — Application of Machine Learning Concepts without
Learning -- Deep Distant Supervision: Learning Statistical Relational
Models for Weak Supervision in Natural Language Extraction --
Supervised Extraction of Usage Patterns in Different Document
Representations -- Data-Driven Analyses of Electronic Text Books --
k-Morik: Mining Patterns to Classify Cartified Images of Katharina.

Sommario/riassunto

In celebration of Prof. Morik's 60th birthday, this Festschrift covers research areas that Prof. Morik worked in and presents various researchers with whom she collaborated. The 23 refereed articles in this Festschrift volume provide challenges and solutions from theoreticians and practitioners on data preprocessing, modeling, learning, and evaluation. Topics include data-mining and machine-learning algorithms, feature selection and feature generation, optimization as well as efficiency of energy and communication.
