1. Record Nr. UNISA996466191203316

Titolo	Advances in Knowledge Discovery and Data Mining [[electronic resource]] : 17th Pacific-Asia Conference, PAKDD 2013, Gold Coast, Australia, April 14-17, 2013, Proceedings, Part II / / edited by Jian Pei, Vincent S. Tseng, Longbing Cao, Hiroshi Motoda, Guandong Xu
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2013
ISBN	3-642-37456-5
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (XXII, 588 p. 157 illus.)
Collana	Lecture Notes in Artificial Intelligence ; ; 7819
Disciplina	006.3/12
Soggetti	Data mining Artificial intelligence Information storage and retrieval Data Mining and Knowledge Discovery Artificial Intelligence Information Storage and Retrieval
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	International conference proceedings.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	ProCF: Probabilistic Collaborative Filtering for Reciprocal Recommendation -- Product and User Dependent Social Network Models for Recommender Systems -- Learning Representative Nodes in Social Networks -- Tracing Influential Nodes in a Social Network with Competing Information -- ViStruclizer: A Structural Visualizer for Multi-dimensional Social Networks -- Influential Nodes in a One-Wave Diffusion Model for Location-Based Social Networks -- Modeling Social Information Learning among Taxi Drivers -- Mining User Interests from Information Sharing Behaviors in Social Media -- Anonymization for Multiple Released Social Network Graphs -- A New, Fast and Accurate Algorithm for Hierarchical Clustering on Euclidean Distances -- Clustering Patient Medical Records via Sparse Subspace Representation -- A Unified Metric for Categorical and Numerical Attributes in Data Clustering -- An Extension of the Infinite Relational Model Incorporating Interaction between Objects -- Density-Based Clustering

Based on Hierarchical Density Estimates -- Stock Trend Prediction by Classifying Aggregative Web Topic-Opinion -- The Role of Hubs in Cross-Lingual Supervised Document Retrieval -- Text Document Topical Recursive Clustering and Automatic Labeling of a Hierarchy of Document Clusters -- Query-Document Relevance Topic Models -- A Two-Stage Approach for Generating Topic Models -- Effective Top-Down Active Learning for Hierarchical Text Classification -- Forgetting Word Segmentation in Chinese Text Classification with L1-Regularized Logistic Regression -- Crest: Cluster-based Representation Enrichment for Short Text Classification -- Cross Language Prediction of Vandalism on Wikipedia Using Article Views and Revisions -- An Optimized Cost-Sensitive SVM for Imbalanced Data Learning -- A Positive-biased Nearest Neighbour Algorithm for Imbalanced Classification -- Class Based Weighted K-Nearest Neighbor over Imbalance Dataset -- ProWSyn: Proximity Weighted Synthetic Oversampling Technique for Imbalanced Data Set Learning -- Differential Privacy Preserving Spectral Graph Analysis -- Sorted Nearest Neighborhood Clustering for Efficient Private Blocking -- On Linear Refinement of Differential Privacy-Preserving Query Answering -- A Coupled Clustering Approach for Items Recommendation -- Location Recommendation Based on Periodicity of Human Activities and Location Categories -- Top-N Recommendations by Learning User Preference Dynamics -- Semantic Title Evaluation and Recommendation Based on Topic Models -- Video Quality Prediction over Wireless 4G -- A Self-immunizing Manifold Ranking for Image Retrieval -- Low-Rank Matrix Recovery with Discriminant Regularization -- Multi-Manifold Ranking: Using Multiple Features for Better Image Retrieval -- One Pass Concept Change Detection for Data Streams -- Incremental Mining of Significant URLs in Real-Time and Large-Scale Social Streams -- A Concept-Drifting Detection Algorithm for Categorical Evolving Data -- Framework for Storing and Processing Relational Entities in Stream Mining -- Discovering Semantics from Multiple Correlated Time Series Stream -- Matrix Factorization With Aggregated Observations -- An Approach to Identifying False Traces in Process Event Logs -- Split-Merge Augmented Gibbs Sampling for Hierarchical Dirichlet Processes -- Adaptive Temporal Entity Resolution on Dynamic Databases -- Fuzzy Multi-Sphere Support Vector Data Description.

Sommario/riassunto

The two-volume set LNAI 7818 + LNAI 7819 constitutes the refereed proceedings of the 17th Pacific-Asia Conference on Knowledge Discovery and Data Mining, PAKDD 2013, held in Gold Coast, Australia, in April 2013. The total of 98 papers presented in these proceedings was carefully reviewed and selected from 363 submissions. They cover the general fields of data mining and KDD extensively, including pattern mining, classification, graph mining, applications, machine learning, feature selection and dimensionality reduction, multiple information sources mining, social networks, clustering, text mining, text classification, imbalanced data, privacy-preserving data mining, recommendation, multimedia data mining, stream data mining, data preprocessing and representation.

2. Record Nr. UNINA9910483711003321

Autore	Wen Miaowen
Titolo	Index Modulation for OFDM Communications Systems / / Miaowen Wen, Qiang Li, Xiang Cheng
Pubbl/distr/stampa	Singapore : , : Springer, , [2021] Â©2021
ISBN	981-15-9407-4
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XIV, 172 p. 100 illus., 55 illus. in color.)
Collana	Wireless networks
Disciplina	621.384
Soggetti	Wireless communication systems Orthogonal frequency division multiplexing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1 Introduction -- 2 Constellation-Based Index Modulation: A Combinatorial Approach -- 3 Constellation-Based Index Modulation: A Permutational Approach -- 4 Code-Based Index Modulation -- 5 Pilot-Based Index Modulation -- 6 Conclusions and Future Directions.
Sommario/riassunto	Thanks to their considerable advantages, index modulation and orthogonal frequency division multiplexing (OFDM) are considered to be promising candidates for future wireless communications. This book focuses on the index modulation techniques for OFDM communications systems, which allow information to be conveyed not only via constellation symbols, but also by the indices of various transmission entities in OFDM systems, such as signal constellations, spreading codes, and pilots. The book discusses representative transmitter and receiver designs, optimization and performance analysis of index modulation based on various transmission entities. It also introduces readers to information-guided precoding for OFDM systems, followed by two embodiments: layered index modulation and grouped index modulation. It then describes how the spreading code is used to design an index modulated spread spectrum for OFDM systems, and the extensions to multi-code and multi-user scenarios. In addition it explores information guided pilot insertion for OFDM systems, followed by applications in carrier phase tracking and channel estimation. Lastly,

the book highlights a number of open problems and discusses future research directions in the general field of index modulation. Intended for professionals and researchers in the field of wireless communications, this book is also a valuable resource for advanced-level electrical engineering and computer science students.