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Descrizione fisica	1 online resource (xv, 432 pages) : illustrations
Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 1120
Disciplina	005.7
Soggetti	Big data Computer networks Machine learning Image processing - Digital techniques Computer vision Computer systems Big Data Computer Communication Networks Machine Learning Computer Imaging, Vision, Pattern Recognition and Graphics Computer System Implementation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Big Data Modelling and Methodology -- A constrained self-adaptive sparse combination representation method for abnormal event detection -- A Distributed Scheduling Framework of Service based ETL Process -- A Probabilistic Soft Logic Reasoning Model with Automatic Rule Learning -- Inferring How Novice Students Learn to Code: Integrating Automated Program Repair with Cognitive Model -- Predicting Friendship Using a Unified Probability Model -- Product Feature Extraction via Topic Model and Synonym Recognition Approach -- Vietnamese Noun Phrase Chunking Based on BiLSTM-CRF Model and Constraint Rules -- Big Data Support and Architecture -- A Distributed Big Data Discretization Algorithm under Spark -- A Novel Distributed

Duration-aware LSTM for Large Scale Sequential Data Analysis --  
Considering User Distribution and Cost Awareness to Optimize Server  
Deployment -- Convolutional Neural Networks on EEG-based Emotion  
Recognition -- Distributed Subgraph Matching Privacy Preserving  
Method for Dynamic SocialNetwork -- Big Data Processing --  
Clustering-Anonymization-Based Differential Location Privacy  
Preserving Protocol in WSN -- Distributed Graph Perturbation Algorithm  
on Social Networks with Reachability Preservation -- Minimum  
Spanning Tree Clustering Based on Density Filtering -- Research of  
CouchDB Storage Plugin for Big Data Query Engine Apache Drill --  
Visual Saliency Based on Two-Dimensional Fractional Fourier Transform  
-- Big Data Analysis -- An Information Sensitivity Inference Method for  
Big Data Aggregation Based on Granular Analysis -- Attentional  
Transformer Networks for Target-Oriented Sentiment Classification --  
Distributed Logistic Regression for Separated Massive Data -- Similarity  
Evaluation on Labeled Graphs via Hierarchical Core Decomposition --  
Weighted Multi-label Learning with Rank Preservation -- Orthogonal  
Graph Regularized Nonnegative Matrix Factorization for Image  
Clustering -- Big Data Application -- Characteristics of Patient Arrivals  
and Service Utilization in OutpatientDepartments -- College Academic  
Achievement Early Warning Prediction based on Decision Tree Model --  
Intelligent Detection of Large-scale KPI Streams Anomaly Based on  
Transfer learning -- Latent Feature Representation for Cohesive  
Community Detection based on Convolutional Auto-Encoder --  
Research on Monitoring Method of Ethylene Oxide Process by  
Improving C4.5 Algorithm -- Web API Recommendation with Features  
Ensemble and Learning-to-Rank -- EagleQR: An Application in  
Accessing Printed Text for the Elderly and Low Vision People.

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#### Sommario/riassunto

This book constitutes the proceedings of the 7th CCF Conference on Big Data, BigData 2019, held in Wuhan, China, in October 2019. The 30 full papers presented in this volume were carefully reviewed and selected from 324 submissions. They were organized in topical sections as follows: big data modelling and methodology; big data support and architecture; big data processing; big data analysis; and big data application.

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