1.	Record Nr.	UNINA9910787025703321
	Titolo	Information technology applications in industry III : selected, peer reviewed papers from the 2014 3rd International Conference on Information Technology and Management Innovation (ICITMI 2014), July 19-20, 2014, Shenzhen, China / / edited by Su-Fen Yang
	Pubbl/distr/stampa	Pfaffikon, Switzerland : , : TTP, , 2014
		Enfield, New Hampshire : , : Trans Tech Publications Ltd, , [date of distribution not identified] ©2014
	ISBN	3-03826-623-X
	Descrizione fisica	1 online resource (1480 p.)
	Collana	Applied Mechanics and Materials, , 1662-7482 ; ; Volumes 631-632
	Disciplina	004
	Soggetti	Information technology
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Description based upon print version of record.
	Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
	Nota di contenuto	Information Technology Applications in Industry III; Preface and Conference Organization; Table of Contents; Chapter 1: Information Technology, Artificial Intelligence, Algorithms and Computation Methods; A Composite Model via Proportional Intensity Function and Additive Hazard Function; A Method of Building Correlation Relationships to Thesauri Based on Improved Mutual Information; A New EWMA Loss Control Chart with Adaptive Control Scheme; A Research Using Correlation Coefficient to Make Bayesian Classification Data Mining
		Dynamic Impact Analysis of Urbanization Progress and Industrial Structure Change on VAR ModelEstimation Methods of a Joint Model Based on Proportional Intensity Function and Proportional Hazard Function; Financial Time Series Prediction Based on BP Neural Network; Grey Target Decision Model of Hesitant Three-Parameter Interval Grey Number; IBA-II: Another Item-Based Algorithm of Learning from Examples; Incremental Approach for Updating Approximations of Variable Precision Rough Set Based on Dominance Relations Maintaining Dynamic Information Systems Using Incremental

Dominance-Based Rough Set ApproachMinimizing Total Flow Time in a Flow Shop with Blocking Using a Hybrid Variable Neighborhood Search and Simulated Annealing Algorithm; Optimal Algorithmic Trading Strategy with the Price Appreciation Cost; Partheno-Genetic Algorithm for the Permutation Flowshop Scheduling Problem with Maximum Waiting Times; Research and Application of Enterprise Operating Situation Prediction Based on Decision Tree; Research of Digital Resource Integration Based on DC Metadata Storage

Short-Term Gas Load Forecasting Based on Wavelet BP Neural Network Optimized by Genetic AlgorithmStudy on Asymptotic Properties of a Joint Model; Study on the Asymptotic Properties of a Composite Model in Statistical Analysis of Recurrent Event; The Analysis of the Load Rate Influence Factors Based on the Grey Correlation; The Analysis on Recursive Algorithm Implementation of Preorder-Traversing Binary Tree; The College Enrollment Plan: An Application of Fuzzy Clustering Analysis Method; The Design of Data Input Module in Virtual Welding System

A Hybrid Simulate Annealing Algorithm Based on Aircraft Emergency Dispatching SystemA Variable Step-Size BLMS Adaptive Jamming Cancellation Algorithm Based on FFT; Adaptive Extended Kalman Filter for Nonlinear System with Noise Compensating Technology; An Improvement of Apriori Algorithm in Medical Data Mining; An Integrated Algorithm for Low-Carbon City Evaluation Based on Neural Network and Analytic Hierarchy Process; Reliability Optimization for Multi-State Series-Parallel System Design Using Ant Colony Algorithm

Research on Recommendation Algorithm of Matrix Factorization Method Based on MapReduce

Sommario/riassunto	Collection of selected, peer reviewed papers from the 2014 3 rd International Conference on Information Technology and Management Innovation (ICITMI 2014), July 19-20, 2014, Shenzhen, China. The 294 papers are grouped as follows:Chapter 1: Information Technology, Artificial Intelligence, Algorithms and Computation Methods, Chapter 2: Mathematical Methods and Information Technologies in Power and Electronics Engineering, Chapter 3: Sound, Image, Signal and Video Processing and Technologies, Chapter 4: Sensors, Testing, Detection, Measurement and Monitoring Technologies, Chapter 5: Control and A