1. Record Nr.   UNINA9910451311303321

   Titolo   Advances in data mining and modeling, Hong Kong, 27-28 June 2002
                   [[electronic resource] /] / editors, Wai-Ki Ching, Michael Kwok-Po Ng

   Pubbl/distr/stampa   Singapore ; ; River Edge, NJ, : World Scientific, 2003

   ISBN   1-281-37299-4
                   9786611372996
                   981-270-495-7

   Descrizione fisica   1 online resource (197 p.)

   Altri autori (Persone)   ChingWai Ki <1969->
                            NgMichael K

   Disciplina   005.741
                   006.312

   Soggetti   Data mining
                   Database searching
                   Electronic books.

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Note generali   "A two-day workshop on data mining and modeling was held on 27-28
                   June 2002. ... This book contains selected papers presented in the
                   workshop."--Pref., p. vii.

   Nota di bibliografia   Includes bibliographical references.

   Nota di contenuto   CONTENTS; Data Mining; Data Modeling; Preface; Author Index;
                   Algorithms for Mining Frequent Sequences Ben Kao and Ming-Hua
                   Zhang; High Dimensional Feature Selection for Discriminant Microarray
                   Data Analysis Ju-Fu Feng, Jiang-Xin Shi and Qing-Yun Shi; Clustering
                   and Cluster Validation in Data Mining Joshua Zhe-Xue Huang, Hong-
                   Qiang Rong, Jessica Ting, Yun-Ming Ye and Qi-Ming Huang; Cluster
                   Analysis Using Unidimensional Scaling Pui-Lam hung , Chi-Yin Li and
                   Kin-Nam Lau; Automatic Stock Trend Prediction by Real Time News
                   Gabriel Pui-Cheong Fung, Jeffrey Xu Yu and Wai Lam
                   From Associated Implication Networks to Intermarket Analysis Phil Chi-
                   Wang Tse and Ji-Ming Liu Automating Technical Analysis Philip Leung-
                   Ho Yu, Kin Lam and Sze-Hong Ng; A Divide-and-Conquer Fast
                   Implementation of Radial Basis Function Networks with Application to
                   Time Series Forecasting Rong-Bo Huang, Yiu-Ming Cheung and Lap-
                   Tak Law; Learning Sunspot Series Dynamics by Recurrent Neural

Networks Leong-Kwan Li; Independent Component Analysis: The One-Bit-Matching Conjecture and a Simplified LPM-ICA Algorithm Zhi-Yong Liu, Kai-Chun Chiu and Lei Xu
An Higher-Order Markov Chain Model for Prediction of Categorical Data Sequences Wai-Ki Ching, Eric Siu-Leung Fung and Michael Kwok-Po Ng
An Application of the Mixture Autoregressive Model: A Case Study of Modelling Yearly Sunspot Data Kevin Kin-Foon Wong and Chun-Shan Wong; Bond Risk and Return in the SSE Long-Zhen Fan; Mining Loyal Customers: A Practical Use of the Repeat Buying Theory Hing-Po Lo, Xiao-Ling Lu and Zoe Sau-Chun Ng

| Sommario/riassunto | Data mining and data modeling are hot topics and are under fast development. Because of their wide applications and rich research contents, many practitioners and academics are attracted to work in these areas. With a view to promoting communication and collaboration among the practitioners and researchers in Hong Kong, a workshop on data mining and modeling was held in June 2002. Prof Ngaiming Mok, Director of the Institute of Mathematical Research, The University of Hong Kong, and Prof Tze Leung Lai (Stanford University), C V Starr Professor of the University of Hong Kong, initiated the work |