

1. Record Nr.	UNINA9910783917603321
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
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

---