1.	Record Nr.	UNINA9910438055803321
	Titolo	Recent Progress in Data Engineering and Internet Technology : Volume 1 / / edited by Ford Lumban Gaol
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2013
	ISBN	9786613924223 9781283611770 1283611775 9783642288074 3642288073
	Edizione	[1st ed. 2013.]
	Descrizione fisica	1 online resource (500 p.)
	Collana	Lecture Notes in Electrical Engineering, , 1876-1119 ; ; 156
	Altri autori (Persone)	GaolFord Lumban
	Disciplina	004.678
	Soggetti	Computer science Database management Artificial intelligence Data mining Computer Science Database Management Artificial Intelligence Data Mining and Knowledge Discovery
	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 and index.
	Nota di contenuto	From the content: Design of Robust Fault Detection Filter of T-S Fuzzy Time-delay Systems -- Autonomous and pervasive computing-based knowledge service -- Short-term Traffic Volume Forecasting Based on Periodicity Similarity of Traffic Flow -- An eigenvector-based kernel clustering approach to detecting communities in complex networks -- Distributed Gaussian Mixture Learning Based on Variational Approximations -- The Function and Relationship of Verbal and Nonverbal Cues in IM Interpersonal Communication -- Using Version Control System to Construct Ownership Architecture Documentations.
	Sommario/riassunto	The latest inventions in internet technology influence most of business

and daily activities. Internet security, internet data management, web search, data grids, cloud computing, and web-based applications play vital roles, especially in business and industry, as more transactions go online and mobile. Issues related to ubiquitous computing are becoming critical.   Internet technology and data engineering should reinforce efficiency and effectiveness of business processes. These technologies should help people make better and more accurate decisions by presenting necessary information and possible consequences for the decisions. Intelligent information systems should help us better understand and manage information with ubiquitous data repository and cloud computing.   This book is a compilation of some recent research findings in Internet Technology and Data Engineering. This book provides state-of-the-art accounts in computational algorithms/tools, database management and database technologies, intelligent information systems, data engineering applications, internet security, internet data management, web search, data grids, cloud computing, web-based application, and other related topics.