

1. Record Nr.	UNINA9910453694803321
Titolo	Challenges in information technology management [[electronic resource] /] / editors, Man-Chung Chan, Ronnie Cheung, James N.K. Liu
Pubbl/distr/stampa	River Edge, N.J., : World Scientific, c2008
ISBN	1-281-96825-0 9786611968250 981-281-907-X
Descrizione fisica	1 online resource (228 p.)
Altri autori (Persone)	ChanMan-Chung CheungRonnie LiuJ. N. K (James N. K.)
Disciplina	004.068
Soggetti	Information technology - Management Technology - Information services Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"This book represents part of the improved output from the International Conference of Information Management (ICITM 2007) organized in January 2007 Hong Kong by the Hong Kong Polytechnic University"--Preface. "Sponsored by the Jiangyin Municipal Government [and] the Hong Kong Polytechnic University"--P. v.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	CONTENTS; Preface; Part A Development of Enabling Technologies; Multi-Agent-based System for Logistics Service Process Feng He and Qi Xu; 1. Introduction; 2. Logistics Service Process; 3. Multi-agent System Design; 3.1. Role Modeling in Integrated Logistics Service Processes; 3.2. ZEUS Tool; 3.3. Agent-based Framework; 4. Implementation of Multi-agent Logistics Process System; 4.1. Ontology Definition; 4.2. Agent creation; 4.2.1 Agent definition; 4.2.2 Task definition; 4.2.3 Agent Organization; 4.2.4 Agent Coordination; 4.3. Service Agent Configuration; 4.4. Task Agent Configuration 4.5. Agent Implementation5. Conclusion; Acknowledgments; References; Improved Data Mining Algorithms for Frequent Patterns with Composite Items Ke Wang, James N. K. Liu and Wei-Min Ma; 1.

Introduction; 2. Composite Items; 3. NFP-Tree; 4. Finding Large Items; 5. Performance of the Algorithms; 6. Conclusion; Acknowledgments; References; Ontology Matching Approach Based on Triangle Fuzzy Expression Pengfei Qian and Yinglin Wang; 1. Introduction; 2. Similarity Fuzzy Expression; 2.1. Area Similarity Fuzzy Expression; 2.2. Structural Similarity Fuzzy Expression

2.3. Whether and Value Similarity FUZZJ Expression3. Ontology Mapping Based On Triangle Fuzzy Expression; 4. Performance Evaluation; 5. Conclusion; References; Towards Building Semantic Decision Tables with Domain Ontologies Yan Tang and Robert Meersman; 1. Introduction; 2. Decision Table and Its Design Problem; 3. Semantic Decision Table; 3.1. Lexon selection; 3.2. Lexon initialization; 3.3. Lexon set construction and manipulation; 3.4. Uniqueness, mandatory and other ORM constraints; 3.5. CSA policies; 3.6. User defined decision rules; 4. A UseCase; 5. System Design and Demonstration

6 . Related Work7. Conclusion, Discussion and Future Work; Acknowledgements; References; Parallel Local Search to Improve the Performance of Genetic Algorithms Youzhi Zheng, Zheng & in and Junliang Chen; 1. Introduction; 2. Background; 2.1. Genetic Algorithms (GAS); 2.2. Local search methods; 3. The Architecture of Parallel Hybrid GAS; 3.1. Pipelining hybrids; 3.2. Parallel hybrids; 4. Integrate Parallel Genetic Algorithms and The Local Search; 5. Simulation and Results; 6. Conclusion; References

A Market Acceptance Framework for High-Tech Firms Accepting the Innovative Ultrasonic Cleaning Equipment by Delphi Method and AHP method Jung Huang, Chih-Hung Wu, Wen-Ta Hsu and Tao Huang1. Introduction; 2. Literature Review; 3. Research Design; 3.1. Subjects of the research; 3.2. Research Methods; 4. Data Analysis; 4.1. Analysis of Delphi Method; 4.2. Results of AHP Method; 5. Conclusions; References; Determining Batch Size in a Supply Chain Ruedee Masuchun and Wiboon Masuchun; 1. Introduction; 2. Literature Review; 3. Mathematical Model; 3.1. Costs; 3.2. Waiting Time; 3.3. Objective Function

3.4. Constraints

Sommario/riassunto

This volume contains some research papers from the International Conference on Information Technology and Management organized by the Hong Kong Polytechnic University, in conjunction with the Institute of Systems Management (ISM). It comprises 30 selected and refereed papers in the development of enabling technologies, electronic commerce and knowledge management, and IT systems and applications. These papers feature the results of the latest research in the areas of information systems, enabling technologies, and business management, as well as potential applications in industries including e
