Srikanta Patnaik · Xin-She Yang
Madjid Tavana · Florin Popentiu-Vlădicescu
Feng Qiao
Editors

Digital Business

Business Algorithms, Cloud Computing and Data Engineering

Springer

Contents

Part I Digital Business Transformation

Towards Algorithmic Business: A Paradigm Shift in Digital Business 3
Pragyan Nanda, Sritam Patnaik and Srikanta Patnaik

A Decentralized Business Ecosystem Model for Complex Products 23
Mirjana Radonjic-Simic and Dennis Pfisterer

Compliance Managementin Business Processes 53
Sridevi Saralaya, Vishwas Saralaya and Rio D'Souza

Part II Cloud Computing

Sustainable Cloud Computing Realization for Different Applications: A Manifesto 95
Sukhpal Singh Gill and Rajkumar Buyya

Auction Based Scheme for Resource Allotment in Cloud Computing 119
R. Bhan, A. Singh, R. Pamula and P. Faruki

M-Cloud Computing Based Agriculture Management System 143
Vinay Kumar Jain, Shishir Kumar and Prabhat K. Mahanti

Part III IOT & Mobility

Detection and Analysis of Drowsiness in Human Beings Using Multimodal Signals 157
C. Anitha

Enhancing Security and Privacy in Enterprises Network by Using Biometrics Technologies 175
Abdallah Meraoumia, Hakim Bendjenna, Yahia Dris and Mohamed Amroune

Lightweight Context-Based Web-Service Composition Model for Mobile Devices 199
Roshan Fernandes and G. L. Rio D'Souza

On Weighted Extended Cumulative Residual Entropy of *k*-th Upper Record 223
Rajesh Moharana and Suchandan Kayal

Impact of Mobility in IoT Devices for Healthcare 243
M. Arogia Victor Paul, T. Anil Sagar, S. Venkatesan and Arbind Kumar Gupta

Multiple Mobile Elements Based Energy Efficient Data Gathering Technique in Wireless Sensor Networks 263
Bhat Geetalaxmi Jairam and D. V. Ashoka

Part IV Information Management & Social Media

Online Social Communities 289
Anuradha Goswami and Ajey Kumar

The 'Verticals', 'Horizontals', and 'Diagonals' in Organisational Communication: Developing Models to Mitigate Communication Barriers Through Social Media Applications 343
Rima Namhata and Priyadarshi Patnaik

Subjective Interestingness in Association Rule Mining: A Theoretical Analysis 375
Rupal Sethi and B. Shekar

Identifying Sentiment of Malayalam Tweets Using Deep Learning 391
S. Sachin Kumar, M. Anand Kumar and K. P. Soman

Twitter Based Sentiment Analysis of GST Implementation by Indian Government 409
Prabhsimran Singh, Ravinder Singh Sawhney and Karanjeet Singh Kahlon

Event Detection Using Twitter Platform 429
Anuradha Goswami and Ajey Kumar