

1. Record Nr.	UNINA9910484548303321
Titolo	Challenges and Opportunity with Big Data : 19th Monterey Workshop 2016, Beijing, China, October 8 – 11, 2016, Revised Selected Papers // edited by Lin Zhang, Lei Ren, Fabrice Kordon
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-61994-2
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (VIII, 209 p. 121 illus.)
Collana	Programming and Software Engineering ; ; 10228
Disciplina	005.1
Soggetti	Software engineering Artificial intelligence Computer communication systems Computer system failures Special purpose computers Algorithms Software Engineering Artificial Intelligence Computer Communication Networks System Performance and Evaluation Special Purpose and Application-Based Systems Algorithm Analysis and Problem Complexity
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	A Hybrid M&S Methodology for Knowledge Discovery -- A Model-driven Visualization System Based on DVDL -- A Practical Energy Modeling Method for Industrial -- An Optimization Method for User Interface Components Based on Big Data -- Clustering-based Data Aggregation and Routing for Real-time Wireless HART Communication -- Constrained Semantic Grammar Enabled Question Answering System0.3 -- Information Composition Analysis and Adaptation Access of CNC Lathes in Cloud Manufacturing -- Interactive Animation Editing Based on Sketch Interaction -- Manufacturing Service Reconfiguration

Optimization using Hybrid Bees Algorithm in Cloud Manufacturing -- Mobile Phone-based tourist Spatial-Temporal Behavior Record and Analysis System -- Multi-Source Information Intelligent Collection and Monitoring of CNC Machine Tools Based on Multi-Agent Ontology Management and Ontology Reuse in Web Environment -- Research on the shortest path of two places in urban based on improved ant colony algorithm -- RUL Prediction of Bearings based on Mixture of Gaussians Bayesian Belief Network and Support Vector Data Description -- Social Recommendation Terms: Probabilistic Explanation and Optimization -- Towards a Holistic Method for Business Process - Traffic Flow Prediction with improved SOPIO-SVR algorithm -- Workshop Multi-source Information IntelliSense Method based on IPv6 Intelligent Terminal.

Sommario/riassunto

This book presents the thoroughly refereed and revised post-workshop proceedings of the 19th Monterey Workshop, held in Beijing, China, in October 2016. The workshop explored the challenges associated with the Development, Operation and Management of Large-Scale complex IT Systems. The 18 revised full papers presented were significantly extended and improved by the insights gained from the productive and lively discussions at the workshop, and the feedback from the post-workshop peer reviews. 2016 marks the 23rd anniversary for the Monterey Workshop series which started in 1993. For nearly a quarter of century, the Monterey Workshops have established themselves as an important international forum to foster, among academia, industry, and government agencies, discussion and exchange of ideas, research results and experience in developing software intensive systems, and have significantly advanced the field. The community of the workshop participants has grown to become an influential source of ideas and innovations and its impact on the knowledge economy has been felt worldwide.
