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   Soggetti Big data
   Management information systems
   Quality control
   Reliability
   Industrial safety
   Computer software—Reusability
   Production management
   Industrial management
   Big Data/Analytics
   Software Management
   Quality Control, Reliability, Safety and Risk
   Performance and Reliability
   Operations Management
   Business Process Management

   Lingua di pubblicazione Inglese

   Formato Materiale a stampa

   Livello bibliografico Monografia

   Nota di contenuto Real Time Distributed Denial of Service (DDoS) Attack Detection using Decision Trees for Server Performance Maintenance -- Cloud Computing: Vulnerability and Threat Indications to Address Cost Issues -- Proposed Algorithm for Creation of Misuse Case Modeling Tree during Security Requirements Elicitation Phase to Quantify Security -- Big Data Analytics for Data Quality Improvement to Enhance Evidence-based Healthcare in Developing Countries -- Securing the Data Deduplication to Improve the Performance of Systems in the Cloud

Infrastructure -- Implementation of Collaborative Filtering for Product Recommendation in E-Commerce to Enhance Scalability and Performance -- A Pre-emptive Goal Programming Model for Multi-Site Production and Distribution Planning to Minimize Total Cost and Maximize Profit -- Performance Analysis of E-Governance Citizen Centric Services Through E-Mitra in Rajasthan -- Performance Evaluation of Learners for Analyzing the Hotel Customer Sentiments Based on Text Reviews -- RC-network & Comm-network for Improvement of Research Collaboration and Communication among Delhi University Teachers.

Sommario/riassunto	This book presents a key solution for current and future technological issues, adopting an integrated system approach with a combination of software engineering applications. Focusing on how software dominates and influences the performance, reliability, maintainability and availability of complex integrated systems, it proposes a comprehensive method of improving the entire process. The book provides numerous qualitative and quantitative analyses and examples of varied systems to help readers understand and interpret the derived results and outcomes. In addition, it examines and reviews foundational work associated with decision and control systems for information systems, to inspire researchers and industry professionals to develop new and integrated foundations, theories, principles, and tools for information systems. It also offers guidance and suggests best practices for the research community and practitioners alike. The book's twenty-two chapters examine and address current and future research topics in areas like vulnerability analysis, secured software requirements analysis, progressive models for planning and enhancing system efficiency, cloud computing, healthcare management, and integrating data-information-knowledge in decision-making. As such it enables organizations to adopt integrated approaches to system and software engineering, helping them implement technological advances and drive performance. This in turn provides actionable insights on each and every technical and managerial level so that timely action-based decisions can be taken to maintain a competitive edge. Featuring conceptual work and best practices in integrated systems and software engineering applications, this book is also a valuable resource for all researchers, graduate and undergraduate students, and management professionals with an interest in the fields of e-commerce, cloud computing, software engineering, software & system security and analysis, data-information-knowledge systems and integrated systems.