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Descrizione fisica	1 online resource (X, 418 p. 114 illus., 74 illus. in color.)
Collana	Asset Analytics, Performance and Safety Management, , 2522-5170
Disciplina	658.4038
Soggetti	Quantitative research Production management Security systems Management Computers Electronic digital computers - Evaluation Data Analysis and Big Data Operations Management Security Science and Technology Hardware Performance and Reliability System Performance and Evaluation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Use of Bayesian Networks for System Reliability Assessment -- An Improved Method of Predicting Code Merge Conflicts and Selecting Optimal Code Branching Strategy in an Enterprise -- Reliability Improvement of Distribution System by Optimal Siting and Sizing of Disperse Generation -- Testing The Effects of Agile and Flexible Supply Chain on the Firm Performance through Sem -- Analysis and Countermeasures for Security and Privacy Issues in Cloud Computing -- An Efficient Approach for Web Usage Mining Using Ann Technique -- Natural Language Processing Approach to Identify Analogous Data in Offline Data Repository -- Multirelease -- Barriers to Agile Adoption: A Developer Perspective -- Comparative Analysis between Manual and Automated Testing using Topsis Method -- Analysis of Requirement

Prioritization based Regression Testing -- Formulation of Error Generation Based Srgm under the Influence of Irregular Fluctuations -- Decision Aspect Prioritisation Technique for Incremental Software -- Change Point based Reliability Growth Model for Multi-Release Open Source Software Systems -- Improvisation of Reusability Oriented Software Testing -- Water Treatment System Performance Evaluation Under Maintenance Policies -- Prediction of El Nino Year and Performance Analysis on the Calculated Correlation Coefficients -- Transforming Service Organizations at Uae: Impact of Operations Management on Operational Performance -- Performance of Static Spatial Topologies in Fine-Grained Qea on P-Peaks Problem Instances -- Android Malware Detection using Code Graphs -- Security in Zigbee using Stegnography for Iot Communications -- Six Sigma Application in the Production of Drugs -- Developing Plans for Qfd-Based Quality Enhancement -- An Efficient Approach for Web Usage Mining Using Ann Technique -- Modified Counting Sort -- Performance of Static Spatial Topologies in Fine-Grained Qea on P-Peaks Problem Instances -- Analysis of Existing Clustering Algorithms for Wireless Sensor Networks -- Hybrid Nature Inspired Algorithms: Methodologies, Architecture and Reviews -- Analysis of Requirement Prioritization Based Regression Testing -- Investigation of Service Quality Operation Linkage in Automobile Industry of India after Sales Market -- Improvisation of Reusability Oriented Software Testing -- Processing Mining for Maintenance Decision Support -- Software Release Time Problem - Revisited -- Multi Generation Adoption with Change Point: Technology Diffusion Modelling -- Diffusion Modelling Framework for Adoption of Competitive Brands.

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## Sommario/riassunto

This book shares key insights into system performance and management analytics, demonstrating how the field of analytics is currently changing and how it is used to monitor companies' efforts to drive performance. Managing business performance facilitates the effective accomplishment of strategic and operational goals, and there is a clear and direct correlation between using performance management applications and improved business and organizational results. As such, performance and management analytics can yield a range of direct and indirect benefits, boost operational efficiency and unlock employees' latent potential, while at the same time aligning services with overarching goals. The book addresses a range of topics, including software reliability assessment, testing, quality management, system-performance management, analysis using soft-computing techniques, and management analytics. It presents a balanced, holistic approach to viewing the world from both a technical and managerial perspective by considering performance and management analytics. Accordingly, it offers a comprehensive guide to one of the most pressing issues in today's technology-dominated world, namely, that most companies and organizations find themselves awash in a sea of data, but lack the human capital, appropriate tools and knowledge to use it to help them create a competitive edge.

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