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Disciplina	621.382
Soggetti	Signal processing Image processing Speech processing systems Data mining Computational intelligence Big data Politics and war Signal, Image and Speech Processing Data Mining and Knowledge Discovery Computational Intelligence Big Data/Analytics Military and Defence Studies
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Resilience and Resilience System -- Building Intelligent Models from Data Mining -- Event Management and Best Practice -- Event Management Categories and best Practices -- Dynamic and Static Content Publication Workflow -- What is Boolean Logic and How it Works -- What is Fuzzy Logic and How it Works -- Mathematics and Logic behind Boolean and Fuzzy Computation -- Building Intelligent Models from Data Mining and Expert Knowledge -- What is Data Analysis from Data Warehousing Perspective -- Boolean Computation versus Fuzzy Logic Computation -- Defining Threats and Critical Points

for Decision Making -- A Simple Model of Business Resilience System -- Business Resilience System Topology of Hardware and Software -- Cloud Computing Driven Business Resilience System -- A General Business Resilience System Infrastructure -- Appendix A: Generic Project Planning Management -- Appendix B: Information on Demand -- Appendix C: Where to Now BI: The Future of Business Intelligence and Beyond -- Appendix D: SWOT Analysis Worksheet -- Index.

Sommario/riassunto

This book provides a technical approach to a Business Resilience System with its Risk Atom and Processing Data Point based on fuzzy logic and cloud computation in real time. Its purpose and objectives define a clear set of expectations for Organizations and Enterprises so their network system and supply chain are totally resilient and protected against cyber-attacks, manmade threats, and natural disasters. These enterprises include financial, organizational, homeland security, and supply chain operations with multi-point manufacturing across the world. Market shares and marketing advantages are expected to result from the implementation of the system. The collected information and defined objectives form the basis to monitor and analyze the data through cloud computation, and will guarantee the success of their survivability's against any unexpected threats. This book will be useful for advanced undergraduate and graduate students in the field of computer engineering, engineers that work for manufacturing companies, business analysts in retail and e-Commerce, and those working in the defense industry, Information Security, and Information Technology. • Provides a model of Business Resilience System (BRS) to all sectors, including defense, intelligence, and homeland security; • Shows how to implement an intelligent BRS system in place, based on Service Level Agreement (SLA), set by organization stakeholders; • Demonstrates a logical and physical setup of BRS, with its Risk Atom and Processing Data Point (PDP) core; • Presents a comprehensive collection of research on the subject of BRS.
