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Strategic information systems management for environmental sustainability : enhancing firm competitiveness with Green IS Jul 25 2019 During the last three decades, information and communication technologies have fundamentally changed the way we work, live and communicate. The ubiquity of internet services, which become increasingly interactive and complex, together with enhanced connectivity, facilitated by innovative mobile devices, induces an ever-rising demand for computing, storage and data transmission capacities. Today, information systems (IS) constitute the backbone of the globalized economy and are indispensable for modern business and production processes. At the same time, environmental sustainability has evolved as the most pressing societal challenge of the 21st century, in particular due to the looming threats of climate change. By virtue of their global influence and reach, business companies significantly contribute to the creation of environmental problems, but owing to their organizational knowledge, capabilities and resources, they also have the capacity and ability to play a key role in shaping the path towards a more sustainable development. The companies leading the way have noticed that corporate sustainability is not necessarily a burden that negatively impacts their bottom line. If strategically managed, environmental product and process innovations can decrease operational costs, enhance corporate reputation, and differentiate from competitors. With regard to environmental sustainability, IS play a contradictory role: on the one hand, the manufacturing, operation and disposal of information technology (IT) infrastructure are responsible for serious environmental impacts: from the mining of conflict minerals to carbon dioxide emissions that equal those of the airline industry to enormous amounts of toxic e-waste. On the other hand, IS are perceived as key enablers of a "green" economy: environmental management systems and the reengineering of business processes can substantially reduce the environmental impacts of business organizations, while technological innovations provide opportunities to decrease the ecological footprint of end-user products and services. Many organizations have started to implement first environmental measures to decrease IT energy consumption and to reduce operational costs, mostly in an unstructured and uncoordinated manner though. Although Green IS practices feature a considerable potential to increase corporate environmentalism while creating promising business opportunities, the adoption of enterprise-wide cross-functional initiatives aimed at implementing Green IS has been rather slow. Economic uncertainties regarding the long-term effects of Green IS adoption and the lack of appropriate management frameworks have been identified as main inhibitors of an encompassing implementation of Green IS initiatives throughout the enterprise. In this context, this thesis addresses relevant research gaps, contributes to theory development in the evolving Green IS research discipline, develops practice-oriented management frameworks, and emphasizes the importance of following a strategic approach to leverage the competitive potential of Green IS. This cumulative thesis comprises an introduction that includes a literature review and a pre-study, four theory-based conceptual research articles, and two empirical studies, one of them building on qualitative, exploratory case study research whereas the other relies on quantitative data which has been analyzed with structural equation modeling. This thesis targets four specific research goals to advance theory-building in Green IS research and to promote the adoption of Green IS in practice. First, this thesis clarifies and defines the central terms and key concepts Green IT, Green IS, Green IS strategy, and Green IS practices drawing on a transdisciplinary research approach. Second, the most important challenges and inhibitors of Green IS adoption are identified and characterized. In particular, the lack of management frameworks, which encourage a holistic implementation that follows a strategic rationale, the complexity of strategic Green IS alignment, the multi-dimensional performance impacts of cross-functional initiatives and, above all, the uncertainty relating to the business case of Green IS practices, are identified as the most pressing challenges. Third, current actions of business firms to address these challenges are examined. Building on exploratory case study research, distinctive Green IS strategies are identified in managerial practice. Most notably, the empirical insights from quantitative survey research suggest a positive relationship between Green IS adoption and firm competitiveness, thus decreasing the economic uncertainty which inhibits the implementation of far-reaching environmental initiatives. Fourth, practice-oriented management frameworks are developed. The fine-grained Green IS strategy concept advises the formulation of strategies addressing the corporate, competitive, and functional management level. The proposed typology of four Green IS strategies illustrates distinct strategic options, from which executives can choose under consideration of their competitive targets and the firm-specific context. To allow for consistency of Green IS strategies, the presented alignment framework facilitates coherence with economic and environmental corporate goals. Furthermore, the actors, roles and responsibilities relevant to the alignment process are described. In addition, a management framework for the holistic adoption of Green IS, which specifies decisive management areas and distinguishes between three degrees of environmental impacts, is presented along with a comprehensive catalogue of Green IS implementation measures. As a consequence, this research offers both empirical insights and conceptual models to advance the adoption of Green IS initiatives, thus meeting the challenges of climate change and turning corporate sustainability into a business opportunity. Informationssysteme (IS) zeigen in Bezug auf ökologische Nachhaltigkeit gegensätzliche Eigenschaften. Einerseits verursachen die Herstellung, der Betrieb sowie die Entsorgung von Informationstechnologie (IT) – Infrastrukturen schwerwiegende negative Umweltauswirkungen: Vom Abbau von Konfliktmineralien über Kohlendioxidemissionen bis hin zu beträchtlichen Mengen giftigen Elektroschrotts. Andererseits werden IS als Schlüsseltechnologien für eine nachhaltige Wirtschaft gesehen. Umweltmanagementsysteme und die Umgestaltung von Geschäftsprozessen können den ökologischen Fußabdruck von Organisationen bedeutend verringern. Zudem eröffnen technologische Innovationen neuartige Möglichkeiten, die Umweltauswirkungen von Produkten und Dienstleistungen über den gesamten Lebenszyklus hinweg zu senken. Zahlreiche Organisationen haben damit begonnen, einzelne Green-IT-Maßnahmen zu implementieren um den Energieverbrauch und operative Kosten zu senken. Allerdings verfolgen die meisten Unternehmen hierbei keinen strukturierten oder strategischen Ansatz. Obwohl Green-IS-Initiativen beachtliche Potentiale zur Verbesserung der ökologischen Nachhaltigkeit von Organisationen bieten und gleichzeitig vielversprechende wirtschaftliche Chancen eröffnen, schreitet die Umsetzung von bereichsübergreifenden Green-IS-Maßnahmen in Unternehmen nur langsam voran. Ökonomische Unsicherheiten in Bezug auf die Rentabilität derartiger Maßnahmen sowie der Mangel an adäquaten Management-Frameworks werden in diesem Zusammenhang als zentrale Hinderungsgründe für eine strategische und ganzheitliche Umsetzung von Green-IS-Initiativen identifiziert. Diese Dissertation adressiert diese Hinderungsgründe, schafft Schlüsselkonzepte für den neuen Green-IS-Forschungszweig, entwickelt praxisorientierte Management-Frameworks und hebt die Bedeutung eines strategischen Ansatzes bei der Implementierung von Green IS hervor. Diese Forschungsarbeit offeriert empirische Einblicke wie auch konzeptionelle Modelle um die Umsetzung ganzheitlicher Green-IS-Initiativen in Organisationen voranzutreiben. Unternehmen haben somit die Chance, den Herausforderungen des Klimawandels verantwortungsvoll zu begegnen und gleichzeitig durch eine nachhaltige Unternehmensführung Wettbewerbsvorteile zu generieren.

Advisory Circular Checklist (and Status of Other FAA Publications). Aug 18 2021

Biophotons Feb 21 2022 It is now well established that all living systems emit a weak but permanent photon flux in the visible and ultraviolet range. This biophoton emission is correlated with many, if not all, biological and physiological functions. There are indications of a hitherto-overlooked information channel within the living system. Biophotons may trigger chemical reactivity in cells, growth control, differentiation and intercellular communication, i.e. biological rhythms. The basic experimental and theoretical framework, the technical problems and the wide field of applications in the food industry, medicine, pharmacology, environmental science and basic sciences are presented in this book, which also includes the rapidly growing literature. This book is written by the most outstanding international scientists familiar with this topic who have been working in this field for many years.

Advances in Production Management Systems: Innovative and Knowledge-Based Production Management in a Global-Local World May 15 2021 The three volumes IFIP AICT 438, 439, and 440 constitute the refereed proceedings of the International IFIP WG 5.7 Conference on Advances in Production Management Systems, APMS 2014, held in Ajaccio, France, in September 2014. The 233 revised full papers were carefully reviewed and selected from 271 submissions. They are organized in 6 parts: knowledge discovery and sharing; knowledge-based planning and scheduling; knowledge-based sustainability; knowledge-based services; knowledge-based performance improvement, and case studies.

Code of Federal Regulations Jun 15 2021

Annual Department of Defense Bibliography of Logistics Studies and Related Documents May 03 2020

USAF Formal Schools Sep 18 2021

Fuzzy Systems and Knowledge Discovery Oct 20 2021 This book constitutes the refereed proceedings of the Third International Conference on Fuzzy Systems and Knowledge Discovery, FSKD 2006, held in federation with the Second International Conference on Natural Computation ICNC 2006. The book presents 115 revised full papers and 50 revised short papers. Coverage includes neural computation, quantum computation, evolutionary computation, DNA computation, fuzzy computation, granular computation, artificial life, innovative applications to knowledge discovery, finance, operations research, and more.

On the Move to Meaningful Internet Systems 2005: CoopIS, DOA, and ODBASE Nov 20 2021

Introduction to Unmanned Aircraft Systems, Second Edition Jun 23 2019 The proliferation of technological capability, miniaturization, and demand for aerial intelligence is pushing unmanned aerial systems (UAS) into the realm of a multi-billion dollar industry. This book surveys the UAS landscape from history to future applications. It discusses commercial applications, integration into the national airspace system (NAS), System function, operational procedures, safety concerns, and a host of other relevant topics. The book is dynamic and well-illustrated with separate sections for terminology and web-based resources for further information.

Statewide Transportation Planning and Management Series Oct 27 2019

[Cooperative Design, Visualization, and Engineering](#) Sep 06 2020 The 6th International Conference on Cooperative Design, Visualization and -gineering CDVE 2009 was held in central Europe - Luxembourg. Participants from 7 continents came together to celebrate this annual event.

The papers published in the conference in this volume reflect the new progress in the following aspect. Research in developing cooperative applications is currently focusing on two directions. One is the cooperation in the software development process and the other is the variety of the targeted cooperative software products. Many papers address how to facilitate cooperation in the software engineering process particularly global software engineering. The importance of sharing information in cooperation is emphasized by the authors. For example, papers that addressed the development of sharing mental models, tools for easily shared projects, sharing links for cross-media information spaces, sharing resources and transfer of knowledge among team members etc. have attracted special attention. Many papers presented in this volume are the research results of tackling problems in developing a great variety of cooperative software products. The targeted systems are cooperative support for music creation, cooperative process management systems, cooperative visualization systems for geographic information, cooperative cultural information sharing platforms, cooperative reasoning systems, cooperative sensor networks for environment monitoring, remote cooperative video vehicle monitoring systems etc. Another aspect of the papers in this volume is dealing with the problems in earlier phases in the cooperative product production life cycle. The topics addressed range from partner selection for cooperation at the beginning, requirement gathering, requirement negotiation, to cooperative design, production to cooperative testing, and finally to cooperative system operation.

[Department of Energy Uniform Contractor Reporting System](#) Nov 01 2022

Aviation Boatswain's Mate E 3&2 Apr 25 2022

Advances in Business, Management and Entrepreneurship Nov 28 2019 The GCBME Book Series aims to promote the quality and methodical reach of the Global Conference on Business Management & Entrepreneurship, which is intended as a high-quality scientific contribution to the science of business management and entrepreneurship. The Contributions are expected to be the main reference articles on the topic of each book and have been subject to a strict peer review process conducted by experts in the fields. The conference provided opportunities for the delegates to exchange new ideas and implementation of experiences, to establish business or research connections and to find Global Partners for future collaboration. The conference and resulting volume in the book series is expected to be held and appear annually. The year 2019 theme of book and conference is "Transforming Sustainable Business In The Era Of Society 5.0". The ultimate goal of GCBME is to provide a medium forum for educators, researchers, scholars, managers, graduate students and professional business persons from the diverse cultural backgrounds, to present and discuss their research, knowledge and innovation within the fields of business, management and entrepreneurship. The GCBME conferences cover major thematic groups, yet opens to other relevant topics: Organizational Behavior, Innovation, Marketing Management, Financial Management and Accounting, Strategic Management, Entrepreneurship and Green Business.

The Weapons Officer Apr 01 2020

Service Oriented Architecture (SOA) For Dummies Dec 30 2019 Feeling overwhelmed by the buzz about SOA—service oriented architecture? Take heart! Service Oriented Architecture For Dummies, 2nd Edition makes it easy to understand, plan, and implement the latest SOA solutions for your business. Whether you're the IT person responsible for developing SOA or the executive who's trying to get a handle on the concept, Service Oriented Architecture For Dummies, 2nd Edition will help you understand what SOA is, why it's important, and how you can make the most of it. You'll find out about the business and financial aspects of SOA, how to decide if you need it, and what it can mean to your bottom line. Discover how to: Identify the main components of SOA and how they work to create business processes Create reusable, flexible systems and avoid common pitfalls Deconstruct business processes and applications to identify their components, then put them together in new ways Construct SOA business applications for maximum adaptability Confirm quality in a situation that's difficult to test, and assure the quality and consistency of your data Develop a governance strategy for SOA based on your company's philosophy and culture Work with XML and understand how it's used in SOA Maximize the benefits of unified communications Understand software ecosystems, rich interfaces, and the development lifecycle Packed with real-life case studies illustrating how SOA has been applied in a variety of industries, Service Oriented Architecture For Dummies, 2nd Edition demystifies one of today's hottest business tools.

Quick Draw Jun 03 2020

National Wildlife Refuge Systems, Hearings Before the Subcommittee on the Environment of ..., 94-1, September 22 & October 3, 1975 Jul 29 2022

Computer Program Abstracts Oct 08 2020

On the Move to Meaningful Internet Systems: OTM 2009 Mar 13 2021 This two-volume set LNCS 5870/5871 constitutes the refereed proceedings of the four confederated international conferences on Cooperative Information Systems (CoopIS 2009), Distributed Objects and Applications (DOA 2009), Information Security (IS 2009), and Ontologies, Databases and Applications of Semantics (ODBASE 2009), held as OTM 2009 in Vilamoura, Portugal, in November 2009. The 83 revised full papers presented together with 4 keynote talks were carefully reviewed and selected from a total of 234 submissions. Corresponding to the four OTM 2009 main conferences CoopIS, DOA, IS, and ODBASE the papers are organized in topical sections on workflow; process models; ontology challenges; network complexity; modeling cooperation; information complexity; infrastructure; information; aspect-oriented approaches for distributed middleware; distributed algorithms and communication protocols; distributed infrastructures for cluster and Grid computing; object-based, component-based, resource-oriented, event-oriented, and service-oriented middleware; peer-to-peer and centralized infrastructures; performance analysis of distributed computing systems; reliability, fault tolerance, quality of service, and real time support; self* properties in distributed middleware; software engineering for distributed middleware systems; security and privacy in a connected world; ubiquitous and pervasive computing; information systems security; privacy and authentication; security policies and verification; managing ontologies; using ontologies; event processing; dealing with heterogeneity; building knowledge bases; and XML and XML schema.

The Code of Federal Regulations of the United States of America Nov 08 2020 The Code of Federal Regulations is the codification of the general and permanent rules published in the Federal Register by the executive departments and agencies of the Federal Government.

Shipboard Electronics Material Officer Dec 10 2020

Innovation Through Information Systems Feb 09 2021 This book presents the current state of research in information systems and digital transformation. Due to the global trend of digitalization and the impact of the Covid 19 pandemic, the need for innovative, high-quality research on information systems is higher than ever. In this context, the book covers a wide range of topics, such as digital innovation, business analytics, artificial intelligence, and IT strategy, which affect companies, individuals, and societies. This volume gathers the revised and peer-reviewed papers on the topic "Management" presented at the International Conference on Information Systems, held at the University of Duisburg-Essen in 2021

AI and Learning Systems Dec 22 2021 Over the last few years, interest in the industrial applications of AI and learning systems has surged. This book covers the recent developments and provides a broad perspective of the key challenges that characterize the field of Industry 4.0 with a focus on applications of AI. The target audience for this book includes engineers involved in automation system design, operational planning, and decision support. Computer science practitioners and industrial automation platform developers will also benefit from the timely and accurate information provided in this work. The book is organized into two main sections comprising 12 chapters overall: •Digital Platforms and Learning Systems •Industrial Applications of AI

Pavement Management Systems (PMS) for Local Government Sep 30 2022

Shipboard Electronics Material Officer Jan 23 2022

Gyros, Maintenance and Supply Jan 29 2020

Computer Performance Evaluation Users Group (CPEUG) Mar 25 2022

Strengthening Science at the U.S. Environmental Protection Agency--National Research Council (NRC) Findings Mar 01 2020

The Fortune at the Bottom of the Pyramid Sep 26 2019 The world's most exciting, fastest-growing new market is where you least expect it: at the bottom of the pyramid. Collectively, the world's billions of poor people have immense untapped buying power. They represent an enormous opportunity for companies who learn how to serve them. Not only can it be done, it is being done--very profitably. What's more, companies aren't just making money: by serving these markets, they're helping millions of the world's poorest people escape poverty. C.K. Prahalad's global bestseller "The Fortune at the Bottom of the Pyramid," now available in paperback, " shows why you can't afford to ignore "Bottom of the Pyramid" (BOP) markets. Now available in paperback, it offers a blueprint for driving the radical innovation you'll need to profit in emerging markets--and using those innovations to become more competitive "everywhere." This new paperback edition includes eleven concise, fast-paced success stories from India, Peru, Mexico, Brazil, and Venezuela--ranging from salt to soap, banking to cellphones, healthcare to housing. These stories are backed by more detailed case studies and 10 hours of digital videos on whartonsp.com. Simply put, this book is about making a revolution: building profitable "bottom of the pyramid" markets, reducing poverty, and creating an inclusive capitalism that works for "everyone." Preface xi About the Author xix Part I: The Fortune at the Bottom of the Pyramid 1 Chapter 1: The Market at the Bottom of the Pyramid 3 Chapter 2: Products and Services for the BOP 23 Chapter 3: BOP: A Global Opportunity? 47 Chapter 4: The Ecosystem for Wealth Creation 63 Chapter 5: Reducing Corruption: Transaction Governance Capacity 77 Chapter 6: Development as Social Transformation 99 Part II: Business Success Stories from the Bottom of the Pyramid 113 Financing the Poor 115 Aravind Eye Care-The Most Precious Gift 131 Energy for Everyone 137 Agricultural Advances for the Poor-The EID Parry Story 149 Retail for the Poor 159 Information Technology to the Poor 169 The Jaipur Foot Story 187 Health Alerts for All 191 Transparent Government 201 The Annapurna Salt Story 213 Homes for the Poor-The CEMEX Story 221 From Hand to Mouth-The HHL Soap Story 235 Part III: On the Web at Whartonsp.com Video Success Stories Casas Bahia CEMEX Annapurna Salt Hindustan Lever Jaipur Foot Aravind Eye Care ICICI Bank ITC e-Choupal EID Parry Voxiva E+C0/Tecnosol Andhra Pradesh Full Success Case Stories in pdf format The Market at the Bottom of the Pyramid Known Problems and Known Solutions: What Is the Missing Link? Known Problems and Unique Solutions Known Problems and Systemwide Reform Scaling Innovations Creating Enabling Conditions for the Development of the Private Sector The EID Parry Story Biographies of the Researchers/Writers of the Success Case Stories from "The Fortune at the Bottom of the Pyramid" 247 About the Video Success Stories 255 Index 257

COSMIC Jan 11 2021

Advances in Production Management Systems. Artificial Intelligence for Sustainable and Resilient Production Systems Jul 17 2021 The five-volume set IFIP AICT 630, 631, 632, 633, and 634 constitutes the refereed proceedings of the International IFIP WG 5.7 Conference on Advances in Production Management Systems, APMS 2021, held in Nantes, France, in September 2021.* The 378 papers presented were carefully reviewed and selected from 529 submissions. They discuss artificial intelligence techniques, decision aid and new and renewed paradigms for sustainable and resilient production systems at four-wall factory and value chain levels. The papers are organized in the following topical sections: Part I: artificial intelligence based optimization techniques for demand-driven manufacturing; hybrid approaches for production planning and scheduling; intelligent systems for manufacturing planning and control in the industry 4.0; learning and robust decision support systems for agile manufacturing environments; low-code and model-driven engineering for production system; meta-heuristics and optimization techniques for energy-oriented manufacturing systems; metaheuristics for production systems; modern analytics and new AI-based smart techniques for replenishment and production planning under uncertainty; system identification for manufacturing control applications; and the future of lean thinking and practice Part II: digital transformation of SME manufacturers: the crucial role of standard; digital transformations towards supply chain resiliency; engineering of smart-product-service-systems of the future; lean and Six Sigma in services healthcare; new trends and challenges in reconfigurable, flexible or agile production system; production management in food supply chains; and sustainability in production planning and lot-sizing Part III: autonomous robots in delivery logistics; digital transformation approaches in production management; finance-driven supply chain; gastronomic service system design; modern scheduling and applications in industry 4.0; recent advances in sustainable manufacturing; regular session: green production and circularity concepts; regular session: improvement models and methods for green and innovative systems; regular session: supply chain and routing management; regular session: robotics and human aspects; regular session: classification and data management methods; smart supply chain and production in society 5.0 era; and supply chain risk management under coronavirus Part IV: AI for resilience in global supply chain networks in the context of pandemic disruptions; blockchain in the operations and supply chain management; data-based services as key enablers for smart products, manufacturing and assembly; data-driven methods for supply chain optimization; digital twins based on systems engineering and semantic modeling; digital twins in companies first developments and future challenges; human-centered artificial intelligence in smart manufacturing for the operator 4.0; operations management in engineer-to-order manufacturing; product and asset life cycle management for smart and sustainable manufacturing systems; robotics technologies for control, smart manufacturing and logistics; serious games analytics: improving games and learning support; smart and sustainable production and supply chains; smart methods and techniques for sustainable supply chain management; the new digital lean manufacturing paradigm; and the role of emerging technologies in disaster relief operations: lessons from COVID-19 Part V: data-driven platforms and applications in production and logistics: digital twins and AI for sustainability; regular session: new approaches for routing problem solving; regular session: improvement of design and operation of manufacturing systems; regular session: crossdock and transportation issues; regular session: maintenance improvement and lifecycle management; regular session: additive manufacturing and mass customization; regular session: frameworks and conceptual modelling for systems and services efficiency; regular session: optimization of production and transportation systems; regular session: optimization of supply chain agility and reconfigurability; regular session: advanced modelling approaches; regular session: simulation and optimization of systems performances; regular session: AI-based approaches for quality and performance improvement of production systems; and regular session: risk and performance management of supply chains *The conference was held online.

Manuals Combined: U.S. Navy FIRE CONTROLMAN Volumes 01 - 06 & FIREMAN Jun 27 2022 Over 1,600 total pages ... 14097 FIRE CONTROLMAN SUPERVISOR Covers Fire Controlman supervisor responsibilities, organization, administration, inspections, and maintenance; supervision and training; combat systems, subsystems, and their maintenance; and weapons exercises. 14098 FIRE CONTROLMAN, VOLUME 01, ADMINISTRATION AND SAFETY Covers general administration, technical administration, electronics safety, and hazardous materials as they pertain to the FC rating. 14099A FIRE CONTROLMAN, VOLUME 02--FIRE CONTROL SYSTEMS AND RADAR FUNDAMENTALS Covers basic radar systems, fire control systems, and radar safety as they relate to the Fire Controlman rating. 14100 FIRE CONTROLMAN, VOLUME 03--DIGITAL DATA SYSTEMS Covers computer and peripheral fundamentals and operations, configurations and hardware, operator controls and controlling units, components and circuits, central processing units and buses, memories, input/output and interfacing, instructions and man/machine interfaces, magnetic tape storage, magnetic disk storage, CD-ROM storage, printers, data conversion devices, and switchboards. 14101 FIRE CONTROLMAN, VOLUME 04--FIRE CONTROL MAINTENANCE CONCEPTS Introduces the Planned Maintenance System and discusses methods for identifying and isolating system faults, liquid cooling systems used by Fire Controlmen, battery alignment (purpose, equipment, and alignment considerations), and radar collimation. 14102 FIRE CONTROLMAN, VOLUME 05--DISPLAY SYSTEMS AND DEVICES Covers basic display devices and input devices associated with Navy tactical data systems as used by the FC rating. 14103 FIRE CONTROLMAN, VOLUME 06--DIGITAL COMMUNICATIONS Covers the fundamentals of data communications, the Link-11 and Link-4A systems, and local area networks. 14104A FIREMAN Provides information on the following subject areas: engineering administration; engineering fundamentals; the basic steam cycle; gas turbines; internal combustion engines; ship propulsion; pumps, valves, and piping; auxiliary machinery and equipment; instruments; shipboard electrical equipment; and environmental controls.

Recent Advances in Reliability and Quality Engineering Jul 05 2020 This volume presents recent research in reliability and quality theory and its applications by many leading experts in the field. The subjects covered include reliability optimization, software reliability, maintenance, quality engineering, system reliability, Monte Carlo simulation, tolerance design optimization, manufacturing system estimation, neural networks, software quality assessment, optimization design of life tests, software quality, reliability-centered maintenance, multivariate control chart, methodology for measurement of test effectiveness, imperfect preventive maintenance, Markovian reliability modeling, accelerated life testing, and system availability assessment. The book will serve as a reference for postgraduate students and will also prove useful for practitioners and researchers in reliability and quality engineering.

Department of Transportation and Related Agencies Appropriations for 1989 Aug 25 2019

Advanced Intelligent Systems for Sustainable Development (AI2SD'2018) Apr 13 2021 This book gathers papers presented at the International Conference on Advanced Intelligent Systems for Sustainable Development (AI2SD-2018), which was held in Tangiers, Morocco on 12–14 July 2018. In addition to the latest research in the field of energy, it offers new solutions, tools and effective techniques, and provides essential information on smart grids, renewable and economical energy. Further, it addresses modeling, storage management and decision support in the field of energy, offering a valuable guide for researchers, professionals and all those who are interested in the development of advanced intelligent systems in the energy sector.

Metabolite and Nutrient Transporters in Cancer-Cell Metabolism: Role in Cancer Progression and Metastasis May 27 2022

Monthly Catalogue, United States Public Documents Aug 06 2020

National Wildlife Refuge System Aug 30 2022

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