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## KEY=MEASUREMENT - HASSAN REEVES

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### CASES ON PERFORMANCE MEASUREMENT AND PRODUCTIVITY IMPROVEMENT: TECHNOLOGY INTEGRATION AND MATURITY

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#### TECHNOLOGY INTEGRATION AND MATURITY

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*IGI Global* One of the main aspects of an organization is the efficiency of managerial concerns, daily interactions and the design and implementation of its business system. Therefore, integrating the latest technology is vital in assisting in the performance and productivity improvement of an organization. **Cases on Performance Measurement and Productivity Improvement: Technology Integration and Maturity** highlights the successes and failures which have shaped the modern business as well as the technological solutions taken to improve the organizational system. Providing essential research on these applied innovations, this collection of case studies appeals to both academics and practitioners in the business and IT management fields.

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#### THE FUTURE OF PRODUCTIVITY

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*OECD Publishing* This book addresses the rising productivity gap between the global frontier and other firms, and identifies a number of structural impediments constraining business start-ups, knowledge diffusion and resource allocation (such as barriers to up-scaling and relatively high rates of skill mismatch).

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#### POST-KEYNESIAN EMPIRICAL RESEARCH AND THE DEBATE ON FINANCIAL MARKET DEVELOPMENT

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*IGI Global* Current research often highlights the importance of financial markets as well as financial system development. However, the current literature in this field still fails to adequately explain the relationship between financial market and macroeconomic development. **Post-Keynesian Empirical Research and the Debate on Financial Market Development** integrates the concept of financial intermediaries with Post-Keynesian macroeconomic modeling to discuss the relationship between financial markets and systems and macroeconomic development. Discussing key macroeconomic variables such as investment, savings, and productivity growth, this timely resource is essential for students, academicians, as well as finance and economics professionals interested in uncovering the latest research in this field.

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#### INTEGRATED PLAN FOR AIR TRAFFIC MANAGEMENT RESEARCH AND TECHNOLOGY DEVELOPMENT

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#### ASIAN BUSINESS AND MANAGEMENT PRACTICES: TRENDS AND GLOBAL CONSIDERATIONS

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#### TRENDS AND GLOBAL CONSIDERATIONS

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*IGI Global* As a rapidly rising force in the global market, Asian countries hold opportunities for growth and development. However, in order to successfully gain entry into this new part of the market, it will first be necessary to understand the motives and background behind Asian economies. **Asian Business and Management Practices: Trends and Global Considerations** analyzes the various strategies found in the Asian economic market. Showcasing a broad range of countries in Southeast Asia in addition to China and India, this publication is a broad, widely encompassing resource for academics, PhD students, experts, policymakers, and government officials interested in understanding the background and applications behind business success in Asia.

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#### SOFTWARE PROJECT EFFORT ESTIMATION

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## FOUNDATIONS AND BEST PRACTICE GUIDELINES FOR SUCCESS

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*Springer* Software effort estimation is one of the oldest and most important problems in software project management, and thus today there are a large number of models, each with its own unique strengths and weaknesses in general, and even more importantly, in relation to the environment and context in which it is to be applied. Trendowicz and Jeffery present a comprehensive look at the principles of software effort estimation and support software practitioners in systematically selecting and applying the most suitable effort estimation approach. Their book not only presents what approach to take and how to apply and improve it, but also explains why certain approaches should be used in specific project situations. Moreover, it explains popular estimation methods, summarizes estimation best-practices, and provides guidelines for continuously improving estimation capability. Additionally, the book offers invaluable insights into project management in general, discussing issues including project trade-offs, risk assessment, and organizational learning. Overall, the authors deliver an essential reference work for software practitioners responsible for software effort estimation and planning in their daily work and who want to improve their estimation skills. At the same time, for lecturers and students the book can serve as the basis of a course in software processes, software estimation, or project management.

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## INTEGRATING MICROELECTRONICS INTO GAS DISTRIBUTION

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*Taylor & Francis*

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## INDUSTRIAL AI

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### APPLICATIONS WITH SUSTAINABLE PERFORMANCE

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*Springer Nature* This book introduces Industrial AI in multiple dimensions. Industrial AI is a systematic discipline which focuses on developing, validating and deploying various machine learning algorithms for industrial applications with sustainable performance. Combined with the state-of-the-art sensing, communication and big data analytics platforms, a systematic Industrial AI methodology will allow integration of physical systems with computational models. The concept of Industrial AI is in infancy stage and may encompass the collective use of technologies such as Internet of Things, Cyber-Physical Systems and Big Data Analytics under the Industry 4.0 initiative where embedded computing devices, smart objects and the physical environment interact with each other to reach intended goals. A broad range of Industries including automotive, aerospace, healthcare, semiconductors, energy, transportation, mining, construction, and industrial automation could harness the power of Industrial AI to gain insights into the invisible relationship of the operation conditions and further use that insight to optimize their uptime, productivity and efficiency of their operations. In terms of predictive maintenance, Industrial AI can detect incipient changes in the system and predict the remains useful life and further to optimize maintenance tasks to avoid disruption to operations.

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## INFORMATION TECHNOLOGY PROJECT MANAGEMENT

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*Cengage Learning* Readers discover exciting opportunities and challenges in technology today with Schwalbe's **INFORMATION TECHNOLOGY PROJECT MANAGEMENT, 8E**. This unique book demonstrates principles distinctive to managing information technology (IT). No book offers more insights and tools for IT project management success, including updates that reflect the latest PMBOK Guide. This edition weaves theory with successful practices for an integrated focus on the concepts, tools, and techniques that are most effective today. This is the only text to apply all 10 project management knowledge areas to IT projects. Readers master skills in project integration, scope, time, cost, quality, human resource, communications, risk, procurement, and stakeholder management as well as all five process groups -- initiating, planning, executing, monitoring and controlling, and closing. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

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## FINANCIAL SERVICES AND GENERAL GOVERNMENT APPROPRIATIONS FOR 2013

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### HEARINGS BEFORE A SUBCOMMITTEE OF THE COMMITTEE ON APPROPRIATIONS, HOUSE OF REPRESENTATIVES, ONE HUNDRED TWELFTH CONGRESS, SECOND SESSION

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### DOD INFORMATION TECHNOLOGY SOFTWARE AND SYSTEMS PROCESS IMPROVEMENT PROGRAMS VARY IN USE OF BEST PRACTICES.

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*DIANE Publishing*

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## CONCISE GUIDE TO SOFTWARE TESTING

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*Springer Nature* This practically-focused textbook provides a concise and accessible introduction to the field of software testing, explaining the fundamental principles and offering guidance on applying the theory in an industrial environment. Topics and features: presents a brief history of software quality and its influential pioneers, as well as a discussion of the various software lifecycles used in software development; describes the fundamentals of testing in traditional software engineering, and the role that static testing plays in building quality into a product; explains the process of software test planning, test analysis and design, and test management; discusses test outsourcing, and test metrics and problem solving; reviews the tools available to support software testing activities, and the benefits of a software process improvement initiative; examines testing in the Agile world, and the verification of safety critical systems; considers the legal and ethical aspects of software testing, and the importance of software configuration

management; provides key learning topics and review questions in every chapter, and supplies a helpful glossary at the end of the book. This easy-to-follow guide is an essential resource for undergraduate students of computer science seeking to learn about software testing, and how to build high quality and reliable software on time and on budget. The work will also be of interest to industrialists including software engineers, software testers, quality professionals and software managers, as well as the motivated general reader.

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### **RESEARCH ANTHOLOGY ON AGILE SOFTWARE, SOFTWARE DEVELOPMENT, AND TESTING**

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*IGI Global* Software development continues to be an ever-evolving field as organizations require new and innovative programs that can be implemented to make processes more efficient, productive, and cost-effective. Agile practices particularly have shown great benefits for improving the effectiveness of software development and its maintenance due to their ability to adapt to change. It is integral to remain up to date with the most emerging tactics and techniques involved in the development of new and innovative software. The Research Anthology on Agile Software, Software Development, and Testing is a comprehensive resource on the emerging trends of software development and testing. This text discusses the newest developments in agile software and its usage spanning multiple industries. Featuring a collection of insights from diverse authors, this research anthology offers international perspectives on agile software. Covering topics such as global software engineering, knowledge management, and product development, this comprehensive resource is valuable to software developers, software engineers, computer engineers, IT directors, students, managers, faculty, researchers, and academicians.

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### **MILLIMETER-WAVE INTEGRATED TECHNOLOGIES IN THE ERA OF THE FOURTH INDUSTRIAL REVOLUTION**

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*Springer Nature* This peer-reviewed book explores the technologies driving broadband internet connectivity in the fourth industrial revolution (Industry 4.0). It particularly focuses on potential solutions to introduce these technologies in emerging markets and rural areas, regions that typically form part of the digital divide and often have under-developed telecommunications infrastructures, a lack of skilled workers, and geographical restrictions that limit broadband connectivity. Research shows that ubiquitous internet access boosts socio-economic growth through innovations in science and technology, with the common goal of bringing positive change to the lives of individuals. Fifth-generation (5G) networks based on millimeter-wave (mm-wave) frequency information transfer have the potential to provide future-proof, affordable and sustainable broadband connectivity in areas where previous-generation mobile networks were unable to do so. This book discusses the principles of various technologies that enable electronic circuits to operate at mm-wave frequencies. It examines the importance of identifying, describing, and analyzing technology from a purely technological standpoint, but also acknowledges and investigates the challenges and limitations of introducing such technologies in emerging markets. Presenting recent research, the book spearheads participation in Industry 4.0 in these areas.

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### **NEW ADVANCES IN INFORMATION SYSTEMS AND TECHNOLOGIES**

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*Springer* This book contains a selection of articles from The 2016 World Conference on Information Systems and Technologies (WorldCIST'16), held between the 22nd and 24th of March at Recife, Pernambuco, Brazil. WorldCIST is a global forum for researchers and practitioners to present and discuss recent results and innovations, current trends, professional experiences and challenges of modern Information Systems and Technologies research, together with their technological development and applications. The main topics covered are: Information and Knowledge Management; Organizational Models and Information Systems; Software and Systems Modeling; Software Systems, Architectures, Applications and Tools; Multimedia Systems and Applications; Computer Networks, Mobility and Pervasive Systems; Intelligent and Decision Support Systems; Big Data Analytics and Applications; Human-Computer Interaction; Health Informatics; Information Technologies in Education; Information Technologies in Radiocommunications.

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### **INTEGRATING NEW TECHNOLOGIES FOR STRIGA CONTROL**

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#### **TOWARDS ENDING THE WITCH-HUNT**

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*World Scientific* Witchweeds (*Striga* species) decimate agriculture in much of Africa and parts of Asia, attacking the major cereal grains and legumes, and halving the already very low yields of subsistence farmers. Several years of research have provided promising technologies, based on the fundamental biology of the parasite-host associations, for dealing with this scourge. However, there is an apparent realization that these technologies will fail because highly successful weeds such as *Striga* evolve resistance to all types of controls unless proven methods are integrated with each other for a more sustainable solution. Integration is often an anathema to basic scientists who typically deal with single variables and solutions. However, key leaders in the development of the new knowledge-based control strategies, already in the field and under development, recently joined forces to develop strategies and projects in order to integrate the technologies in a symposium in Ethiopia in November 2006. The encouraging results are described in this peer-reviewed book, authored by leaders in the field who have been supplying the basic biology, genetics, biochemistry, and molecular information that have offered insights and generated technologies in how to deal with *Striga*.

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### **APPLIED INFORMATICS AND CYBERNETICS IN INTELLIGENT SYSTEMS**

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## **PROCEEDINGS OF THE 9TH COMPUTER SCIENCE ON-LINE CONFERENCE 2020, VOLUME 3**

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*Springer Nature* This book gathers the refereed proceedings of the Applied Informatics and Cybernetics in Intelligent Systems Section of the 9th Computer Science On-line Conference 2020 (CSOC 2020), held on-line in April 2020. Modern cybernetics and computer engineering in connection with intelligent systems are an essential aspect of ongoing research. This book addresses these topics, together with automation and control theory, cybernetic applications, and the latest research trends.

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## **AN INTEGRATED APPROACH TO SOFTWARE ENGINEERING**

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*Springer Science & Business Media* An introduction to software engineering with the emphasis on a case study approach in which a project is developed through the course of the book illustrating the different activities of software development. The sequence of chapters is essentially the same as the sequence of activities performed during a typical software project. Similarly, the author carefully introduces appropriate metrics for controlling and assessing the software process. Intended for students who have had no previous training in software engineering, this book is suitable for a one semester course.

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## **HOW TO SAVE A FAILING PROJECT**

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## **CHAOS TO CONTROL**

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*Berrett-Koehler Publishers* **You CAN Turn Around A Failing Project!** Poor project results are all too common and result in dissatisfied customers, users, and project staff. With countless people, goals, objectives, expectations, budgets, schedules, deliverables, and deadlines to consider, it can be difficult to keep projects in focus and on track. How to Save a Failing Project: Chaos to Control arms project managers with the tools and techniques needed to address these project challenges. The authors provide guidance to develop a project plan, establish a schedule for execution, identify project tracking mechanisms, and implement turnaround methods to avoid failure and regain control. With this valuable resource you will be able to: • Identify key factors leading to failure • Learn how to recover a failing project and minimize future risk • Better analyze your project by defining proper business objectives and goals • Gain insight on industry best practices for planning

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## **COLLABORATIVE SOFTWARE ENGINEERING**

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*Springer Science & Business Media* Collaboration among individuals - from users to developers - is central to modern software engineering. It takes many forms: joint activity to solve common problems, negotiation to resolve conflicts, creation of shared definitions, and both social and technical perspectives impacting all software development activity. The difficulties of collaboration are also well documented. The grand challenge is not only to ensure that developers in a team deliver effectively as individuals, but that the whole team delivers more than just the sum of its parts. The editors of this book have assembled an impressive selection of authors, who have contributed to an authoritative body of work tackling a wide range of issues in the field of collaborative software engineering. The resulting volume is divided into four parts, preceded by a general editorial chapter providing a more detailed review of the domain of collaborative software engineering. Part 1 is on "Characterizing Collaborative Software Engineering", Part 2 examines various "Tools and Techniques", Part 3 addresses organizational issues, and finally Part 4 contains four examples of "Emerging Issues in Collaborative Software Engineering". As a result, this book delivers a comprehensive state-of-the-art overview and empirical results for researchers in academia and industry in areas like software process management, empirical software engineering, and global software development. Practitioners working in this area will also appreciate the detailed descriptions and reports which can often be used as guidelines to improve their daily work.

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## **HANDBOOK OF RESEARCH ON ICTS AND MANAGEMENT SYSTEMS FOR IMPROVING EFFICIENCY IN HEALTHCARE AND SOCIAL CARE**

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*IGI Global* Through the use of ICT tools, such as the internet, portals, and telecommunication devices, the quality of healthcare has improved in local and global health; aiding in the development of a sustainable economy. Handbook of Research on ICTs and Management Systems for Improving Efficiency in Healthcare and Social Care brings together a valuable research collection on ICT elements needed to improve communication and collaboration between global health institutes, public and private organizations, and foundations. Highlighting the adoption and success factors in the development of technologies for healthcare, this book is essential for IT professionals, technology solution providers, researchers, and students interested in technology and its relationship with healthcare and social services.

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## **SERVICE ORIENTED, HOLONIC AND MULTI-AGENT MANUFACTURING SYSTEMS FOR INDUSTRY OF THE FUTURE**

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## **PROCEEDINGS OF SOHOMA 2021**

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*Springer Nature*

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## **INNOVATION PLATFORMS FOR AGRICULTURAL DEVELOPMENT**

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## **EVALUATING THE MATURE INNOVATION PLATFORMS LANDSCAPE**

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*Routledge* Innovation Platforms (IPs) form the core of many Agricultural Research for Development programmes, stimulating multi-stakeholder collaboration and action towards the realization of agricultural development outcomes. This book enhances the body of knowledge of IPs by focusing on mature IPs in agricultural systems research, including the crop and livestock sectors, and innovations in farmer cooperatives and agricultural extension services. Resulting from an international IP case study competition, the examples reported will help the many actors involved with agricultural IPs worldwide reflect on their actions and achievements (or failures), and find tools to share their experience. Chapters feature case studies from Central Africa, Ethiopia, India, Kenya, Nicaragua and Uganda. Authors reflect critically on the impact of IPs and showcase their progress, providing an important sourcebook and inspiration for students, researchers and professionals.

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### **INFORMATION TECHNOLOGY TRENDS FOR A GLOBAL AND INTERDISCIPLINARY RESEARCH COMMUNITY**

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*IGI Global* Data is the base for information, information is needed to have knowledge, and knowledge is used to make decisions and manage 21st century businesses and organizations. Thus, it is imperative to remain up to date on the major breakthroughs within the technological arena in order to continually expand and enhance knowledge for the benefit of all institutions. Information Technology Trends for a Global and Interdisciplinary Research Community is a crucial reference source that covers novel and emerging research in the field of information science and technology, specifically focusing on underrepresented technologies and trends that influence and engage the knowledge society. While highlighting topics that include computational thinking, knowledge management, artificial intelligence, and visualization, this book is essential for academicians, researchers, and students with an interest in information management.

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### **PRODUCT-FOCUSED SOFTWARE PROCESS IMPROVEMENT**

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#### **13TH INTERNATIONAL CONFERENCE, PROFES 2012, MADRID, SPAIN, JUNE 13-15, 2012, PROCEEDINGS**

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*Springer* This book constitutes the refereed proceedings of the 13 International Conference on Product-Focused Software Process Improvement, PROFES 2012, held in Madrid, Spain, in June 2012. The 21 revised full papers presented together with 3 short papers and 4 workshop and tutorial papers were carefully reviewed and selected from 49 submissions. The papers are organized in topical sections on process focused software process improvement, open-source agile and lean practices, product and process measurements and estimation, distributed and global software development, quality assessment, and empirical studies.

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### **BUILD A NEXT-GENERATION DIGITAL WORKPLACE**

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#### **TRANSFORM LEGACY INTRANETS TO EMPLOYEE EXPERIENCE PLATFORMS**

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*Apress* Evolve your traditional intranet platform into a next-generation digital workspace with this comprehensive book. Through in-depth coverage of strategies, methods, and case studies, you will learn how to design and build an employee experience platform (EXP) for improved employee productivity, engagement, and collaboration. In *Build a Next-Generation Digital Workplace*, author Shailesh Kumar Shivakumar takes you through the advantages of EXPs and shows you how to successfully implement one in your organization. This book provides extensive coverage of topics such as EXP design, user experience, content strategy, integration, EXP development, collaboration, and EXP governance. Real-world case studies are also presented to explore practical applications. Employee experience platforms play a vital role in engaging, empowering, and retaining the employees of an organization. Next-generation workplaces demand constant innovation and responsiveness, and this book readies you to fulfill that need with an employee experience platform. You will: Understand key design elements of EXP, including the visual design, EXP strategy, EXP transformation themes, information architecture, and navigation design. Gain insights into end-to-end EXP topics needed to successfully design, implement, and maintain next-generation digital workplace platforms. Study methods used in the EXP lifecycle, such as requirements and design, development, governance, and maintenance. Execute the main steps involved in digital transformation of legacy intranet platforms to EXP. Discover emerging trends in digital workplace such as gamification, machine-led operations model and maintenance model, employee-centric design (including persona based design and employee journey mapping), cloud transformation, and design transformation. Comprehend proven methods for legacy Intranet modernization, collaboration, solution validation, migration, and more. Who This Book Is For Digital enthusiasts, web developers, digital architects, program managers, and more.

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### **INTEGRATED DESIGN AND DELIVERY SOLUTIONS**

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*Routledge* Integrated Design and Delivery Solutions (IDDS) represent a significant new research trajectory in the integration of architecture and construction through the rapid adoption of new processes. This book examines the ways in which collaboration and new methods of contracting and procurement enhance skills and improve processes in terms of lean and sustainable construction. Based on high quality research and practice-based examples that provide key insights into IDDS and its future potential, this book surveys the technologies that are being employed to create more sustainable buildings with added value for clients, stakeholders and society as whole.

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### **TOTALLY INTEGRATED ENTERPRISES**

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## **A FRAMEWORK AND METHODOLOGY FOR BUSINESS AND TECHNOLOGY IMPROVEMENT**

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*CRC Press* At the foundation of today's leading-edge manufacturing companies is a common vision for virtual, distributed enterprise in an agile environment where organizations can swiftly and cost-effectively bring products from concept to production - and respond dynamically to changes in customer and market requirements. **Totally Integrated Enterprises: A Framework and Methodology for Business and Technology Improvement** provides a framework and a methodology for understanding and mapping current enterprise configurations as well as for designing the revised architecture needed for the totally integrated enterprise. It also helps you select the MRP II, MES, APS, SCM, or ERP software most appropriate for your needs and for achieving total enterprise integration. MRP II, MES, APS, SCM, and ERP. Without a strategic direction it is just alphabet soup. How do you determine what is best for your organization? Which software system is most appropriate to your needs? Courses, classes, seminars, and experts galore are available to help you learn and implement the fine details of every value-add, cost-saving, customer-pleasing, quality-improving, buzzword-compliant business initiative you have ever heard of, and many that you haven't. What has been missing is a way to tie them together. Until now. **Totally Integrated Enterprises: A Framework and a Methodology for Business and Technology Improvement** gives you a high-level enterprise architecture that makes the implementation of best practices and technologies - both existing and emergent - manageable. This book shows you how to: Improve your product and process integration, as well as develop and deliver new products within a virtual enterprise Incorporate business strategies and functions to drive product design and manufacturing requirements, operations, and post-production activities Integrate designers, manufacturers, and suppliers to operate as a virtual enterprise Create, staff, and empower integrated product teams resulting in higher quality products Communicate enterprise information to and from every stakeholder in the virtual enterprise in real or near-real time Manage production among facilities and exchange production data and status information as a routine basis of business Acquisitions and mergers have left many enterprises with a legacy of varied cultures, resources, and processes that must be reshaped into a single, integrated whole. Increasing pressures from global competition force enterprises to become cost-effective, high-quality providers to traditional customers and push them to develop new markets and product lines. Nearly every enterprise needs to make the transition to a globally interdependent business paradigm. **Totally Integrated Enterprises: A Framework and Methodology for Business and Technology Improvement** gives you the key definitions that allow you to understand and communicate with vendors, consultants, and experts in the field. Using the techniques in this book you will see the results so often promised - but not realized - from technology.

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## **UNDERSEA VEHICLES AND NATIONAL NEEDS**

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*National Academies Press* The United States faces decisions requiring information about the oceans in vastly expanded scales of time and space and from oceanic sectors not accessible with the suite of tools now used by scientists and engineers. Advances in guidance and control, communications, sensors, and other technologies for undersea vehicles can provide an opportunity to understand the oceans' influence on the energy and chemical balance that sustains humankind and to manage and deliver resources from and beneath the sea. This book assesses the state of undersea vehicle technology and opportunities for vehicle applications in science and industry. It provides guidance about vehicle subsystem development priorities and describes how national research can be focused most effectively.

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## **106-2 HEARINGS: AGRICULTURE, RURAL DEVELOPMENT, FOOD AND DRUG ADMINISTRATION, AND RELATED AGENCIES APPROPRIATIONS FOR 2001, PART 4, MARCH 8, 2000**

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## **SOFTWARE PROCESS IMPROVEMENT AND CAPABILITY DETERMINATION**

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## **17TH INTERNATIONAL CONFERENCE, SPICE 2017, PALMA DE MALLORCA, SPAIN, OCTOBER 4-5, 2017, PROCEEDINGS**

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*Springer* This book constitutes the refereed proceedings of the 17th International Conference on Software Process Improvement and Capability Determination, SPICE 2017, held in Palma de Mallorca, Spain, in October 2017. The 34 full papers presented together with 4 short papers were carefully reviewed and selected from 65 submissions. The papers are organized in the following topical sections: SPI in agile approaches; SPI in small settings; SPI and assessment; SPI and models; SPI and functional safety; SPI in various settings; SPI and gamification; SPI case studies; strategic and knowledge issues in SPI; education issues in SPI.

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## **ADVANCING AUTOMATION AND ROBOTICS TECHNOLOGY FOR THE SPACE STATION FREEDOM AND FOR THE US ECONOMY**

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## **CHALLENGES OF INFORMATION TECHNOLOGY MANAGEMENT IN THE 21ST CENTURY**

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## **2000 INFORMATION RESOURCES MANAGEMENT ASSOCIATION INTERNATIONAL CONFERENCE, ANCHORAGE, ALASKA, USA, MAY 21-24, 2000**

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*IGI Global* As the 21st century begins, we are faced with opportunities and challenges of available technology as well as pressured to create strategic and tactical plans for future technology. Worldwide, IT professionals are sharing and trading concepts and ideas for effective IT management, and this co-operation is what leads to solid IT management practices. This volume is a collection of papers that present IT management perspectives from professionals around the world. The papers seek to offer new ideas, refine old ones, and pose interesting scenarios to help the reader

develop company-sensitive management strategies.

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### **SCIENCE, TECHNOLOGY AND INDUSTRY OUTLOOK 1998**

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*OECD Publishing* Presents a discussion of recent trends and prospects in science, technology and industry, based on comparative indicators, such as output, investment and productivity, research and development (R&D), patent activity and innovation and knowledge flows.

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### **TRANSFORMING THE FEDERAL AVIATION ADMINISTRATION**

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**A REVIEW OF THE AIR TRAFFIC ORGANIZATION AND THE JOINT PLANNING AND DEVELOPMENT OFFICE : HEARING BEFORE THE SUBCOMMITTEE ON AVIATION OF THE COMMITTEE ON TRANSPORTATION AND INFRASTRUCTURE, HOUSE OF REPRESENTATIVES, ONE HUNDRED NINTH CONGRESS, FIRST SESSION, APRIL 14, 2005**

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### **INTEGRATED HORTICULTURE DEVELOPMENT IN EASTERN HIMALAYAS**

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*M.D. Publications Pvt. Ltd.* The Eastern Himalayan region is blessed with biologically diverse natural resources. The wide-ranging topographies and congenial agro-climates offer immense potential for growing almost all conceivable horticultural crops namely fruits, vegetables, plantations, spices, ornamentals, flowers, aromatic and medicinal crops, etc.

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### **ARMY**

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### **APPLYING SOFTWARE METRICS**

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*John Wiley & Sons* Features a useful collection of important and practical papers on applying software metrics and measurement. The book details the importance of planning a successful measurement program with a complete discussion of why, what, where, when, and how to measure and who should be involved. Each chapter addresses these significant questions and provides the essential answers in building an effective measurement program. The book differs from others on the market by focusing on the application of the metrics rather than the metrics themselves. The author's provide information based on actual experience with successful metrics programs. Each chapter includes a case study focusing on technology transfer and a set of recommended references. The book serves as a guide on the use and application of software metrics in industrial environments. It is specially designed for managers, product supervisors, and quality assurance personnel who want to know how to implement a metrics program.

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### **HANDBOOK OF RESEARCH ON BUILDING INFORMATION MODELING AND CONSTRUCTION INFORMATICS: CONCEPTS AND TECHNOLOGIES**

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### **CONCEPTS AND TECHNOLOGIES**

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*IGI Global* In recent years, building information modeling has become a very active research area of construction informatics with investigation of ICT use within construction industry processes and organizations. The Handbook of Research on Building Information Modeling and Construction Informatics: Concepts and Technologies addresses the problems related to information integration and interoperability throughout the lifecycle of a building, from feasibility and conceptual design through to demolition and recycling stages. Containing research from leading international experts, this Handbook of Research provides comprehensive coverage and definitions of the most important issues, concepts, trends, and technologies within the field.

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### **INTEGRATED SCIENCE IN DIGITAL AGE 2020**

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*Springer Nature* This book presents the proceedings of the 2020 International Conference on Integrated Science in Digital Age, which was jointly supported by the Institute of Certified Specialists (Russia) and Springer, and was held on May 1-3, 2020. The conference provided an international forum for researchers and practitioners to present and discuss the latest innovations, trends, results, experiences and concerns in the various areas of integrated science in the digital age. The main goal of the conference was to efficiently disseminate original findings in the natural and social sciences, covering topics such as blockchain & cryptocurrency; computer law & security; digital accounting & auditing; digital business & finance; digital economics; digital education; digital engineering; machine learning; smart cities in the digital age; health policy & management; and information management.