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*Building Project-Management Centers of Excellence
CMMI for Services Version 1.3 The Big Book of
Conflict Resolution Games: Quick, Effective Activities
to Improve Communication, Trust and Collaboration
High Resolution 3D Nanoimprint Technology CMMI
for Services C++ Templates Focus on
Multidimensional Microscopy Focus on
Multidimensional Microscopy Automata, Languages
and Programming Building Innovation Pipelines
through Computer-Aided Innovation Automatic
Extraction of Man-made Objects from Aerial and
Satellite Images III CMMI for Development The 'Ism'
Dilemma Alternative Lithography Managing Risk The
Quantum Leader Automating the Design of Computer
Systems Fundamentals of Microfabrication and
Nanotechnology, Three-Volume Set Integrated IT
Project Management Public Private Partnerships
Advances in Computing and Information - ICCI '90
Adaptive Hypermedia and Adaptive Web-Based
Systems Software Testing with Visual Studio 2010
C++ Primer Plus Drafting of Contracts - Templates
with Drafting Notes Fundamentals of Business Process
Management Advances in Computer Vision*

Mechatronic Systems Nanotechnologies: The Physics of Nanomaterials
Learning Boost C++ Libraries
Object Recognition Liquid Legal Computational Conflicts Rectenna Solar Cells Springer Handbook of Nanotechnology Implementing Program Management Concise Encyclopedia of Computer Science Adobe After Effects CS4 Classroom in a Book The 7 Principles of Conflict Resolution Nontraditional Approaches to Patterning

Building Innovation Pipelines through Computer-Aided Innovation Mar 19 2022 This volume constitutes the refereed proceedings of the 4th IFIP WG 5.4. Working Conference on Computer- Aided Innovation, CAI 2011, held in Strasbourg, France, in June/July 2011. The 14 revised papers presented were carefully reviewed and selected from numerous submissions. They cover a broad range of topics from basic research to industrial applications of computer-aided innovation systems.

Rectenna Solar Cells Feb 24 2020 *Rectenna Solar Cells* discusses antenna-coupled diode solar cells, an emerging technology that has the potential to provide ultra-high efficiency, low-cost solar energy conversion. This book will provide an overview of solar rectennas, and provide thorough descriptions of the two main components: the diode, and the optical antenna. The editors discuss the science, design, modeling, and

manufacturing of the antennas coupled with the diodes. The book will provide concepts to understanding the challenges, fabrication technologies, and materials required to develop rectenna structures. Written by experts in their specialized fields.

Advances in Computer Vision Oct 02 2020 This book presents a remarkable collection of chapters covering a wide range of topics in the areas of Computer Vision, both from theoretical and application perspectives. It gathers the proceedings of the Computer Vision Conference (CVC 2019), held in Las Vegas, USA from May 2 to 3, 2019. The conference attracted a total of 371 submissions from pioneering researchers, scientists, industrial engineers, and students all around the world. These submissions underwent a double-blind peer review process, after which 120 (including 7 poster papers) were selected for inclusion in these proceedings. The book's goal is to reflect the intellectual breadth and depth of current research on computer vision, from classical to intelligent scope. Accordingly, its respective chapters address state-of-the-art intelligent methods and techniques for solving real-world problems, while also outlining future research directions. Topic areas covered include Machine Vision and Learning, Data Science, Image Processing, Deep Learning, and Computer Vision

Applications.

CMMI for Services Version 1.3 Nov 27 2022

Liquid Legal Apr 27 2020 This book compels the legal profession to question its current identity and to aspire to become a strategic partner for corporate executives, clients and stakeholders, transforming legal into a function that creates incremental value. It provides a uniquely broad range of forward-looking perspectives from several different key-players in the legal industry: in-house legal, law firms, LPO's, legal tech, HR, associations and academia. This publication is a platform for leading legal professionals that offers a new perspective on the accelerating transformation in legal. Combining expert contributions with editorial insights, it argues that the new legal function will shift from a paradigm of security to one of opportunity; that future corporate lawyers will no longer primarily be negotiators, litigators and administrators, but that instead they will be coaches, arbiters and intrapreneurs; that legal knowledge and data-based services will become a commodity; and that analytics and measurement will be key drivers of the future of the profession. A must-read for all legal professionals, this book sets the course for revitalizing the profession.

Fundamentals of Microfabrication and Nanotechnology, Three-Volume Set Jul 11 2021 Now

in its third edition, Fundamentals of Microfabrication and Nanotechnology continues to provide the most complete MEMS coverage available. Thoroughly revised and updated the new edition of this perennial bestseller has been expanded to three volumes, reflecting the substantial growth of this field. It includes a wealth of theoretical and practical information on nanotechnology and NEMS and offers background and comprehensive information on materials, processes, and manufacturing options. The first volume offers a rigorous theoretical treatment of micro- and nanosciences, and includes sections on solid-state physics, quantum mechanics, crystallography, and fluidics. The second volume presents a very large set of manufacturing techniques for micro- and nanofabrication and covers different forms of lithography, material removal processes, and additive technologies. The third volume focuses on manufacturing techniques and applications of Bio-MEMS and Bio-NEMS. Illustrated in color throughout, this seminal work is a cogent instructional text, providing classroom and self-learners with worked-out examples and end-of-chapter problems. The author characterizes and defines major research areas and illustrates them with examples pulled from the most recent literature and from his own work.

The Quantum Leader Sep 13 2021 The Quantum

Leader expands principles and behaviors of the best-selling Quantum Leadership: A Resource for Health Care Innovation, Second Edition by presenting new and more in-depth challenges for the leader using contemporary case studies and scenarios. Readers will gain insight into the complexities of the work of leadership and develop new approaches to the often seemingly impossible challenges of the complex world of health care. Filled with case studies, scenarios, and additional content, The Quantum Leader develops skills so students can be more than merely competent leaders, but rather leaders recognized for their excellence in health care leadership.

The Big Book of Conflict Resolution Games: Quick, Effective Activities to Improve Communication, Trust and Collaboration Oct 26 2022 Make workplace conflict resolution a game that EVERYBODY wins! Recent studies show that typical managers devote more than a quarter of their time to resolving coworker disputes. The Big Book of Conflict-Resolution Games offers a wealth of activities and exercises for groups of any size that let you manage your business (instead of managing personalities). Part of the acclaimed, bestselling Big Books series, this guide offers step-by-step directions and customizable tools that empower you to heal rifts arising from ineffective communication,

cultural/personality clashes, and other specific problem areas—before they affect your organization's bottom line. Let The Big Book of Conflict-Resolution Games help you to: Build trust Foster morale Improve processes Overcome diversity issues And more Dozens of physical and verbal activities help create a safe environment for teams to explore several common forms of conflict—and their resolution. Inexpensive, easy-to-implement, and proved effective at Fortune 500 corporations and mom-and-pop businesses alike, the exercises in The Big Book of Conflict-Resolution Games delivers everything you need to make your workplace more efficient, effective, and engaged.

C++ Primer Plus Jan 05 2021 C++ Primer Plus, Sixth Edition New C++11 Coverage C++ Primer Plus is a carefully crafted, complete tutorial on one of the most significant and widely used programming languages today. An accessible and easy-to-use self-study guide, this book is appropriate for both serious students of programming as well as developers already proficient in other languages. The sixth edition of C++ Primer Plus has been updated and expanded to cover the latest developments in C++, including a detailed look at the new C++11 standard. Author and educator Stephen Prata has created an introduction to C++ that is instructive, clear, and insightful. Fundamental programming concepts are explained along with

details of the C++ language. Many short, practical examples illustrate just one or two concepts at a time, encouraging readers to master new topics by immediately putting them to use. Review questions and programming exercises at the end of each chapter help readers zero in on the most critical information and digest the most difficult concepts. In C++ Primer Plus, you'll find depth, breadth, and a variety of teaching techniques and tools to enhance your learning: A new detailed chapter on the changes and additional capabilities introduced in the C++11 standard Complete, integrated discussion of both basic C language and additional C++ features Clear guidance about when and why to use a feature Hands-on learning with concise and simple examples that develop your understanding a concept or two at a time Hundreds of practical sample programs Review questions and programming exercises at the end of each chapter to test your understanding Coverage of generic C++ gives you the greatest possible flexibility Teaches the ISO standard, including discussions of templates, the Standard Template Library, the string class, exceptions, RTTI, and namespaces Table of Contents 1: Getting Started with C++ 2: Setting Out to C++ 3: Dealing with Data 4: Compound Types 5: Loops and Relational Expressions 6: Branching Statements and Logical Operators 7: Functions: C++'s

Programming Modules 8: Adventures in Functions 9: Memory Models and Namespaces 10: Objects and Classes 11: Working with Classes 12: Classes and Dynamic Memory Allocation 13: Class Inheritance 14: Reusing Code in C++ 15: Friends, Exceptions, and More 16: The string Class and the Standard Template Library 17: Input, Output, and Files 18: The New C++11 Standard A Number Bases B C++ Reserved Words C The ASCII Character Set D Operator Precedence E Other Operators F The stringTemplate Class G The Standard Template Library Methods and Functions H Selected Readings and Internet Resources I Converting to ISO Standard C++ J Answers to Chapter Reviews

CMMI for Development Jan 17 2022 Apply best practices and proven methods to ensure a successful CMMi implementation. This practical book shows you which implementation hurdles to avoid and which CMMi best practices to apply in your work areas. You'll experience how easy the CMMi practice description is and how quickly and efficiently it can be implemented into your work processes. CMMi is a popular software process improvement model developed by the US department of Defence Software Engineering Institute (Carnegie Mellon University). This model is extensively used by software professionals and organizations worldwide. CMMI for

Development: Implementation Guide is a step by step guide to change the way people interpret and implement CMMi in their organizations. What You'll Learn Use it Detect to rectify common mistakes Define your processes using CMMi Collect improvement data Prepare your work area for CMMi appraisal Who This Book Is For Program Managers, Project Managers, Development Leads, Test Leads, Quality professionals, and Training professionals.

Public Private Partnerships May 09 2021 This timely new book provides an international perspective on Public Private Partnerships. Through 21 case studies, it investigates the existing and fast developing body of principles and practices from a wide range of countries and is the first book to bring together leading international academics and practitioners under a common framework that enables convenient cross-country comparisons. The authors focus on the impact of the financial crisis has had on how governments have reviewed and overhauled their PPP policies as they have examined or tested new ways of partnering more effectively, efficiently and sustainably with the private sector. Readers will be able to gauge the level of maturity of PPP development in the book's case studies, understand similarities and differences in their practices, and gain useful insights into the regulatory framework and institutional infrastructure

in place to support implementation of PPP. Finally, the book offers insights into the future challenges and opportunities that PPP offers stakeholders.

Adobe After Effects CS4 Classroom in a Book Oct 22 2019 Visual effects and motion graphics pros of all stripes - from broadcast professionals to VFX supervisors to Web designers who need to produce occasional video segments - will welcome the dramatically accelerated features provided in the brand-new After Effects CS4. This best-selling book has been revised to cover all that's new in this upgrade: the ability to import 3D layers from Photoshop; the Cartoon effect that converts live-action footage into stylized imagery; Adobe Device Central CS4, which lets you preview and test animations for mobile devices, and more. Designed around a single complex project that's broken down into manageable lessons, this book mimics a real-world workflow - but one that readers tackle at their own pace. Contains all the lesson files and footage readers need to complete the lessons. All of Peachpit's eBooks contain the same content as the print edition. You will find a link in the last few pages of your eBook that directs you to the media files. Helpful tips: · If you are able to search the book, search for "Where are the lesson files?" · Go to the very last page of the book and scroll backwards. · You will need a web-enabled device or computer in

order to access the media files that accompany this ebook. Entering the URL supplied into a computer with web access will allow you to get to the files. Depending on your device, it is possible that your display settings will cut off part of the URL. To make sure this is not the case, try reducing your font size and turning your device to a landscape view. This should cause the full URL to appear.

CMMI for Services Aug 24 2022 CMMI® for Services (CMMI-SVC) is a comprehensive set of guidelines to help organizations establish and improve processes for delivering services. By adapting and extending proven standards and best practices to reflect the unique challenges faced in service industries, CMMI-SVC offers providers a practical and focused framework for achieving higher levels of service quality, controlling costs, improving schedules, and ensuring user satisfaction. This indispensable book comprises both an introduction to the CMMI-SVC model and an authoritative reference for it. The contents include the complete model itself, formatted for quick lookup. In addition, the book's authors have refined the model's introductory chapters; provided marginal notes to clarify the nature of particular process areas and show why their practices are valuable; and inserted longer sidebars to explain important concepts. Brief essays by people with experience in different application

areas further illustrate how the model works in practice and what benefits it offers. The book is divided into three parts. Part One begins by thoroughly explaining CMMI-SVC, its concepts, and its use. The authors provide robust information about service concepts, including a discussion of lifecycles in service environments; outline how to start using CMMI; explore how to achieve process improvements that last; and offer insights into the relationships among process areas. Part Two describes generic goals and generic practices, then details the complete set of CMMI-SVC process areas, including specific goals, specific practices, and examples. The process areas are organized alphabetically by acronym for easy reference. Part Three contains several useful resources, including CMMI—SVC-related references, acronym definitions, a glossary of terms, and an index. Whether you are new to CMMI models or are already familiar with one or more of them, this book is an essential resource for service providers interested in learning about or implementing process improvement.

Focus on Multidimensional Microscopy Jun 22 2022

This book covers various aspects of modern microscopy, with emphasis on multidimensional (three-dimensional and higher) and multimodality microscopy. The topics discussed include multiphoton fluorescent microscopy, confocal microscopy, x-ray

microscopy and microtomography, electron microscopy, probe microscopy and multidimensional image processing for microscopy. In addition, there are chapters demonstrating typical microscopical applications, both biological and material.

Object Recognition May 29 2020 Vision-based object recognition tasks are very familiar in our everyday activities, such as driving our car in the correct lane. We do these tasks effortlessly in real-time. In the last decades, with the advancement of computer technology, researchers and application developers are trying to mimic the human's capability of visually recognising. Such capability will allow machine to free human from boring or dangerous jobs.

Adaptive Hypermedia and Adaptive Web-Based Systems Mar 07 2021 Adaptive Hypermedia has emerged as an important area of both academic and deployed research. It encompasses a broad range of research that will enable personalized, adaptive hypermedia systems to play an even more effective role in people's lives. The Web has enabled the widespread use of many person-ized systems, such as recommenders, personalized filters and retrieval systems, e-learning systems and various forms of collaborative systems. Such systems have been widely deployed in diverse domains such as e-Commerce, e-Health, e-Government, digital libraries, personalized

travel planning as well as tourist and cultural heritage services. They are particularly promising for users with special needs. The exciting possibilities of such deployed adaptive hypermedia systems rely on research progress in a broad range of areas such as: user profiling and modeling; acquisition, updating and management of user models; group modeling and community-based profiling; recommender systems and recommendation strategies; data mining for personalization; the Semantic Web; adaptive multimedia content authoring and delivery; ubiquitous computing environments and Smart Spaces; personalization for the plethora of mobile devices, such as PDAs, mobile phones and other hand-held devices; and pragmatics such as privacy, trust and security. Empirical studies of adaptive hypermedia and Web systems are also critical to informing future directions. The

Adaptive Hypermedia conferences have become the major forums for the scientific exchange and presentation of research results on adaptive hypermedia and adaptive Web-based systems.

Nontraditional Approaches to Patterning Aug 20 2019
The MRS Symposium Proceeding series is an internationally recognised reference suitable for researchers and practitioners.

Focus on Multidimensional Microscopy May 21 2022

This book covers various aspects of modern microscopy, with emphasis on multidimensional (three-dimensional and higher) and multimodality microscopy. The topics discussed include multiphoton fluorescent microscopy, confocal microscopy, x-ray microscopy and microtomography, electron microscopy, probe microscopy and multidimensional image processing for microscopy. In addition, there are chapters demonstrating typical microscopical applications, both biological and material. Contents:

Fluorescence Lifetime Imaging by Double Pulse Excitation in Bilateral Confocal Microscopy (G J Brakenhoff et al.)

Icosahedral Virus Structure Determination by Electron Cryomicroscopy: Image Processing Principles (P A Thuman-Commike & W Chiu)

Appropriate Image Processing for Confocal Microscopy (G Cox & C J R Sheppard)

X-Ray Fluorescence Two-Dimensional Microanalysis at the VEPP-3 Storage Ring: Applications in Environmental Science (I P Dolbnya & K V Zolotarev)

3D Transfer-Function Analysis for 4Pi Confocal Microscopy (M Gu & C J R Sheppard)

Image Restoration of Thick Biological Specimens for Transmission Electron Microscope Tomography (K F Han et al.)

Images of Membrane-Bound Detoxification Enzyme at 4Å Resolution Obtained by Electron Cryomicroscopy (I Schmidt-Krey et al.)

The Uptake Pathway of DNA and

Lipids in Cationic Liposome-Mediated Gene Transfer (S-W Hui et al.) Multiscale Imaging, Analysis and Modeling of the Pulmonary Bronchial Tree (A Kriete et al.) Asymmetric Cell Division as a Mechanism of Cell Determination in Vascular Plants (B-L Lin) 3D Electron Microscopy of Cells and Organelles by High-Voltage EM, Tomography and Stereopair Analysis (M Marko) Surface Scattering Techniques in Scanning Optical Microscopy (J F Aguilar & E R Méndez) Applications of Electron Microscopy to Materials and Earth Sciences - Dislocation, Shape and Orientation Changes and Interdiffusion (P Shen) Surface Profiling and Confocal Microscopy (C J R Sheppard & J C Quartel) Matched Spatial Filters in Long Working Distance Microscopy of Phase Objects (J R Strickler & J-S Hwang) Transport Pathways of Lipoproteins Across the Arterial Endothelial Cells (C-H Kao et al.) Polarisation Effects in Confocal Microscopy (T Wilson) Near-Field Microscopy and Spectroscopy of Single Molecules, Single Proteins and Biological Membranes (X S Xie et al.)

Keywords: Microscopy; Optics; Image Processing

Concise Encyclopedia of Computer Science Nov 22

2019 The Concise Encyclopedia of Computer Science has been adapted from the full Fourth Edition to meet the needs of students, teachers and professional computer users in science and industry. As an ideal

desktop reference, it contains shorter versions of 60% of the articles found in the Fourth Edition, putting computer knowledge at your fingertips. Organised to work for you, it has several features that make it an invaluable and accessible reference. These include: Cross references to closely related articles to ensure that you don't miss relevant information Appendices covering abbreviations and acronyms, notation and units, and a timeline of significant milestones in computing have been included to ensure that you get the most from the book. A comprehensive index containing article titles, names of persons cited, references to sub-categories and important words in general usage, guarantees that you can easily find the information you need. Classification of articles around the following nine main themes allows you to follow a self study regime in a particular area: Hardware Computer Systems Information and Data Software Mathematics of Computing Theory of Computation Methodologies Applications Computing Milieux. Presenting a wide ranging perspective on the key concepts and developments that define the discipline, the Concise Encyclopedia of Computer Science is a valuable reference for all computer users.

The 'Ism' Dilemma Dec 16 2021 My wife and I have been born again saved Christians for over 20 years. We do have a non-denominational church home and

we study The Holy Bible together regularly at home. We have a blended family with 3 adult children and 2 grandchildren. I have worked for 20 years in electric operations and transportation. I have a Bachelor's Degree in Psychology and am currently pursuing a Master's Degree in Christian Apologetics. The book is primarily about relationship issues that result from illegitimate people groupings in modern day society. The book has an overwhelming focus on the spiritual impact on people, when pride based problems are not properly addressed with a biblical relationship with Jesus Christ. I have personally struggled with many of the people grouping issues discussed in this book; pride has been one such stumbling block for me. Creating this book has in part been a personal journey for me, helping me to heal some of the wounds inflicted upon me by others, as well as heal wounds I've caused others. It is my sincere hope and prayer that your journey through this book will heal you and your loved ones, as it has done for me and my family. With God's help, Christians and Non-Christians alike can all benefit from the experiences, tools, and methods in this book by improving themselves spiritually, and by improving the quality of their relationships with others

*Implementing Program Management Dec 24 2019
Success in program management requires discipline,*

complete plans, well-run meetings, accurate record keeping, and adherence to global best practices.

Implementing Program Management: Templates and Forms Aligned with the Standard for Program Management, Third Edition (2013) and Other Best Practices provides the templates and guidelines for the plan

Mechatronic Systems Sep 01 2020 Mechatronics, the synergistic blend of mechanics, electronics, and computer science, has evolved over the past twenty five years, leading to a novel stage of engineering design. By integrating the best design practices with the most advanced technologies, mechatronics aims at realizing high-quality products, guaranteeing at the same time a substantial reduction of time and costs of manufacturing. Mechatronic systems are manifold and range from machine components, motion generators, and power producing machines to more complex devices, such as robotic systems and transportation vehicles. With its twenty chapters, which collect contributions from many researchers worldwide, this book provides an excellent survey of recent work in the field of mechatronics with applications in various fields, like robotics, medical and assistive technology, human-machine interaction, unmanned vehicles, manufacturing, and education. We would like to thank all the authors who have invested a great deal of time

to write such interesting chapters, which we are sure will be valuable to the readers. Chapters 1 to 6 deal with applications of mechatronics for the development of robotic systems. Medical and assistive technologies and human-machine interaction systems are the topic of chapters 7 to 13. Chapters 14 and 15 concern mechatronic systems for autonomous vehicles. Chapters 16-19 deal with mechatronics in manufacturing contexts. Chapter 20 concludes the book, describing a method for the installation of mechatronics education in schools.

C++ Templates Jul 23 2022 Templates are among the most powerful features of C++, but they are too often neglected, misunderstood, and misused. C++ Templates: The Complete Guide provides software architects and engineers with a clear understanding of why, when, and how to use templates to build and maintain cleaner, faster, and smarter software more efficiently. C++ Templates begins with an insightful tutorial on basic concepts and language features. The remainder of the book serves as a comprehensive reference, focusing first on language details, then on a wide range of coding techniques, and finally on advanced applications for templates. Examples used throughout the book illustrate abstract concepts and demonstrate best practices. Readers learn The exact behaviors of templates How to avoid the pitfalls

associated with templates Idioms and techniques, from the basic to the previously undocumented How to reuse source code without threatening performance or safety How to increase the efficiency of C++ programs How to produce more flexible and maintainable software This practical guide shows programmers how to exploit the full power of the template features in C++. The companion Web site at <http://www.josuttis.com/tmplbook/> contains sample code and additional updates.

Software Testing with Visual Studio 2010 Feb 06 2021 Use Visual Studio 2010's Breakthrough Testing Tools to Improve Quality Throughout the Entire Software Lifecycle Together, Visual Studio 2010 Ultimate, Visual Studio Test Professional 2010, Lab Management 2010, and Team Foundation Server offer Microsoft developers the most sophisticated, well-integrated testing solution they've ever had. Now, Microsoft MVP and VS testing guru Jeff Levinson shows exactly how to use Microsoft's new tools to save time, reduce costs, and improve quality throughout the entire development lifecycle. Jeff demonstrates how Microsoft's new tools can help you finally overcome long-standing communication, coordination, and management challenges. You'll discover how to perform first-rate functional testing; quickly create and execute tests and record the results with log files

and video; and create bugs directly from tests, ensuring reproducibility and eliminating wasted time. Levinson offers in-depth coverage of Microsoft's powerful new testing metrics, helping you ensure traceability all the way from requirements through finished software. Coverage includes

- Planning your tests using Microsoft Test Manager (MTM)*
- Creating test settings, structuring test cases, and managing the testing process*
- Executing manual tests with Microsoft Test Manager and Test Runner*
- Filing and resolving bugs, and customizing your bug reporting process*
- Automating test cases and linking automated tests with requirements*
- Executing automated test cases through both Visual Studio and Microsoft Test Manager*
- Integrating automated testing into the build process*
- Using Microsoft's Lab Management virtualization platform to test applications, snapshot environments, and reproduce bugs*
- Implementing detailed metrics for evaluating quality and identifying improvements*

Whether you're a developer, tester, manager, or analyst, this book can help you significantly improve the way you work and the results you deliver—both as an individual right now, and as a team member throughout your entire project.

Automating the Design of Computer Systems Aug 12 2021 Addressing the issues of engineering design in

computer architecture, this book describes the design and implementation of MICON, a system for automating the synthesis of small computers.

Alternative Lithography Nov 15 2021 Good old Gutenberg could not have imagined that his revolutionary printing concept which so greatly contributed to dissemination of knowledge and thus today 's wealth, would have been a source of inspiration five hundred years later. Now, it seems intuitive that a simple way to produce a large number of replicates is using a mold to emboss pattern you need, but at the nanoscale nothing is simple: the devil is in the detail. And this book is about the "devil". In the following 17 chapters, the authors-all of them well recognized and active actors in this emerging field-describe the state-of-the-art, today 's technological bottlenecks and the prospects for micro-contact printing and nanoimprint lithography. Many results of this book originate from projects funded by the European Com mission through its "Nanotechnology Information Devices" (NID) initiative. NID was launched with the objective to develop nanoscale devices for the time when the red brick scenario of the ITRS roadmap would be reached. It became soon clear however, that there was no point to investigate only alternative devices to CMOS, but what was really needed was an integrated approach that took into

account more facets of this difficult undertaking. Technologically speaking , this meant to have a coherent strategy to develop novel devices, nanofabrication tools and circuit & system architectures at the same time.

High Resolution 3D Nanoimprint Technology Sep 25 2022

Automata, Languages and Programming Apr 20 2022

This book constitutes the refereed proceedings of the 26th International Colloquium on Automata, Languages and Programming, ICALP'99, held in Prague, Czech Republic, in July 1999. The 56 revised full papers presented were carefully reviewed and selected from a total of 126 submissions; also included are 11 invited contributions. Among the topics addressed are approximation algorithms, algebra and circuits, concurrency, semantics and rewriting, process algebras, graphs, distributed computing, logic of programs, sorting and searching, automata, nonstandard computing, regular languages, combinatorial optimization, automata and logics, string algorithms, and applied logics.

Nanotechnologies: The Physics of Nanomaterials Jul 31 2020 Provides a broad introduction to nanophysics and nanotechnologies, and the importance of low-dimensional and surface physics is discussed indepth. Chapters in Volume 1 covers the large range of

physical preparation techniques available for the production of nanomaterials and nanostructuring.

Managing Risk Oct 14 2021 "The increasing rate of technological change we are experiencing in our lifetime yields competitive advantage to organizations and individuals who are willing to embrace risk and the opportunities it presents. Those who choose to minimize or avoid risk, as opposed to managing it, set a course for obsolescence. Hall has captured the essence of risk management and given us a practical guide for the application of useful principles in software-intensive product development. This is must reading for public and private sector managers who want to succeed as we begin the next century." -

Daniel P. Czelusniak, Director, Acquisition Program Integration Office of the Under Secretary of Defense (Acquisition and Technology) The Pentagon "Since it is more than just common sense, the newcomer to risk management needs an intelligent guide. It is in this role that Elaine Hall's book excels. This book provides a set of practical and well-delineated processes for implementation of the discipline." - Tom DeMarco, from the Foreword Risk is inherent in the development of any large software system. A common approach to risk in software development is to ignore it and hope that no serious problems occur. Leading software companies use quantitative risk management methods

as a more useful approach to achieve success. Written for busy professionals charged with delivering high-quality products on time and within budget, Managing Risk is a comprehensive guide that describes a success formula for managing software risk. The book is divided into five parts that describe a risk management road map designed to take you from crisis to control of your software project. Highlights include: Six disciplines for managing product development. Steps to predictable risk-management process results. How to establish the infrastructure for a risk-aware culture. Methods for the implementation of a risk management plan. Case studies of people in crisis and in control.

*Advances in Computing and Information - ICCI '90
Apr 08 2021 This volume contains selected and invited papers presented at the International Conference on Computing and Information, ICCI '90, Niagara Falls, Ontario, Canada, May 23-26, 1990. ICCI conferences provide an international forum for presenting new results in research, development and applications in computing and information. Their primary goal is to promote an interchange of ideas and cooperation between practitioners and theorists in the interdisciplinary fields of computing, communication and information theory. The four main topic areas of ICCI '90 are: - Information and coding theory,*

statistics and probability, - Foundations of computer science, theory of algorithms and programming, - Concurrency, parallelism, communications, networking, computer architecture and VLSI, - Data and software engineering, databases, expert systems, information systems, decision making, and AI methodologies.

The 7 Principles of Conflict Resolution Sep 20 2019 7 Principles of Conflict Resolution is the go-to resource for conflict and dispute resolution, whether you're new to the subject or an experienced practitioner. This book sets out 7 principles to create and maintain successful, workable relationships through effective conflict resolution. It provides you with the tools to resolve or mediate difficult conversations and conflict situations whatever the situation or context and help other people do the same to transform professional and personal relationships permanently. Crucially, it allows you to achieve results without the need to go to court or litigation even when conflict has escalated or is entrenched. The 7 principles to effective conflict resolution will enable you to understand, discuss and resolve problematic situations whether as an individual or organisation: 1. Acknowledge the Conflict 2. Take Control: building resolution focussed conversations 3. Construct a Resolution with the Conflict Resolution Framework 4. Enable others'

Success 5. Build the Resolution Culture 6. Walk the Walk 7. Engage the safety net: When informal resolution doesn't work 7 Principles of Conflict Resolution will guide you through the process from beginning to end, with a framework for conversations and tools, techniques and strategies that work. There are also templates, exercises and worksheets that you can use to support conversations.

Fundamentals of Business Process Management Nov 03 2020 This textbook covers the entire Business Process Management (BPM) lifecycle, from process identification to process monitoring, covering along the way process modelling, analysis, redesign and automation. Concepts, methods and tools from business management, computer science and industrial engineering are blended into one comprehensive and inter-disciplinary approach. The presentation is illustrated using the BPMN industry standard defined by the Object Management Group and widely endorsed by practitioners and vendors worldwide. In addition to explaining the relevant conceptual background, the book provides dozens of examples, more than 230 exercises - many with solutions - and numerous suggestions for further reading. This second edition includes extended and completely revised chapters on process identification, process discovery, qualitative process analysis,

process redesign, process automation and process monitoring. A new chapter on BPM as an enterprise capability has been added, which expands the scope of the book to encompass topics such as the strategic alignment and governance of BPM initiatives. The textbook is the result of many years of combined teaching experience of the authors, both at the undergraduate and graduate levels as well as in the context of professional training. Students and professionals from both business management and computer science will benefit from the step-by-step style of the textbook and its focus on fundamental concepts and proven methods. Lecturers will appreciate the class-tested format and the additional teaching material available on the accompanying website.

*Drafting of Contracts – Templates with Drafting Notes
Dec 04 2020 This book is an essential handy guide for any draftsman and in-house counsels as it not only contains the practical and usable templates that can serve as a prototype for the various contracts but also provides a sense about the purpose and critical points of the contract. For each of the chapters, along with the templates, there is an introduction and drafting notes, allowing a reader to grasp the essence and importance of the clauses. It comprises of chapters on Partnership; Procurement of goods, services and*

assets; Mergers, Acquisitions and Joint Ventures; Real Estate; Employment; Confidentiality; Franchise; Trademark; Patent; Copyright publishing, broadcast reproduction and performer's rights; Agency; Hire Purchase; Turnkey/EPC; and Project Finance. One chapter is exclusively devoted to one of the most important clauses in any contract ie the Dispute Resolution clause, and it covers the intricacies of this clause with respect to different contracts. This book will prove useful for professionals/students in understanding the practical details of varied contracts, act as a beginning point for practitioners, and be useful for all considering the vast number of contracts dealt with. Key Features A must to have for in-house legal teams, consultants, legal practitioners, and fresh lawyers. Templates of important and day-to-day contracts, acting as a beginning point for practitioners. Practical and business-oriented templates for day to day contracts with introduction and drafting notes. Special focus on Dispute Resolution clauses in most of the agreements. Useful for professionals/students to understand the practical details of varied contracts.

*Integrated IT Project Management Jun 10 2021
Annotation "Integrated IT Project Management: A Model-Centric Approach utilizes practical applications of real-world policies, roles and responsibilities,*

templates, process flows, and checklists for each of these three component processes. It shows how such processes ensure optimum utilization of people, process, and technology resources during the management and delivery of IT projects. The book provides insight into the key components of the Rational Unified Process from IBM Rational Corporation and the Project Management Body of knowledge PMBOK from the Project Management Institute (PMI) illustrating how they work together and align based on industry processing standards."--BOOK JACKET. Title Summary field provided by Blackwell North America, Inc. All Rights Reserved

Building Project-Management Centers of Excellence
Dec 28 2022 It's been shown again and again that business components from R & D to systems, engineering to manufacturing can benefit from a project-centered management approach. Now, organizations that have had success at the departmental or divisional level are taking the project management approach to new levels, adopting PM standards into across-the-board management philosophies and business strategies. This new model is known as the Project Management Center of Excellence. PMCoEs need every group within the organization to work under the PM model, but more

*important, they need the proper tools to implement PM standards in new areas. A crucial tool in developing project management objectives across the company, this book covers: * Positioning project management as a business strategy * Creating and managing an organizational PM portfolio * Education, training, and internal PM certification programs * Classifying projects, benchmarking, and mapping a methodology*

Automatic Extraction of Man-made Objects from Aerial and Satellite Images III Feb 18 2022 This work is a collection of papers from the world's leading research groups in the field of automatic extraction of objects, especially buildings and roads, from aerial and space imagery, including new sensors like SAR and lidar.

Computational Conflicts Mar 27 2020 This book brings together approaches from different subfields of artificial intelligence as well as adjoint disciplines in order to characterize a "computational model" of conflicts.

Springer Handbook of Nanotechnology Jan 25 2020 Since 2004 and with the 2nd edition in 2006, the Springer Handbook of Nanotechnology has established itself as the definitive reference in the nanoscience and nanotechnology area. It integrates the knowledge from nanofabrication, nanodevices,

nanomechanics, Nanotribology, materials science, and reliability engineering in just one volume. Beside the presentation of nanostructures, micro/nanofabrication, and micro/nanodevices, special emphasis is on scanning probe microscopy, nanotribology and nanomechanics, molecularly thick films, industrial applications and microdevice reliability, and on social aspects. In its 3rd edition, the book grew from 8 to 9 parts now including a part with chapters on biomimetics. More information is added to such fields as bionanotechnology, nanorobotics, and (bio)MEMS/NEMS, bio/nanotribology and bio/nanomechanics. The book is organized by an experienced editor with a universal knowledge and written by an international team of over 150 distinguished experts. It addresses mechanical and electrical engineers, materials scientists, physicists and chemists who work either in the nano area or in a field that is or will be influenced by this new key technology.

Learning Boost C++ Libraries Jun 29 2020 Filled with dozens of working code examples that illustrate the use of over 40 popular Boost libraries, this book takes you on a tour of Boost, helping you to independently build the libraries from source and use them in your own code. The first half of the book focuses on basic programming interfaces including generic containers

and algorithms, strings, resource management, exception safety, and a miscellany of programming utilities that make everyday programming chores easy. Following a short interlude that introduces template metaprogramming and functional programming, the later chapters are devoted to systems programming interfaces, focusing on directory handling, I/O, concurrency, and network programming

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