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Livres hebdo - 1999

On the Loadstone and Magnetic Bodies - William Gilbert 1952

The Discipline of Market Leaders - Michael Treacy 2007-03-20

Why is it that Casio can sell a calculator more cheaply than Kellogg's can sell a box of corn flakes? Why can FedEx "absolutely, positively" deliver your package overnight but airlines have trouble keeping track of your bags? What does your company do better than anyone else? What unique value do you provide to your customers? How will you increase that value next year? As customers' demands for the highest quality products, best services, and lowest prices increase daily, the rules for market leadership are changing. Once powerful companies that haven't gotten the message are faltering, while others, new and old, are thriving. In disarmingly simple and provocative terms, Treacy and Wiersema show what it takes to become a leader in your market, and stay there, in an ever more sophisticated and demanding world.

Numerical Methods for Inverse Problems - Michel Kern 2016-06-07

This book studies methods to concretely address inverse problems. An inverse problem arises when the causes that produced a given effect must be determined or when one seeks to indirectly estimate the parameters of a physical system. The author uses practical examples to illustrate inverse problems in physical sciences. He presents the techniques and specific methods chosen to solve inverse problems in a general domain of application, choosing to focus on a small number of methods that can be used in most applications. This book is aimed at readers with a mathematical and scientific computing background. Despite this, it is a book with a practical perspective. The methods described are applicable, have been applied, and are often illustrated by numerical examples.

Emerging Risks in the 21st Century An Agenda for Action - OECD 2003-04-24

This book explores the implications of newly developing risks such as hugely damaging hurricanes, new diseases, terrorist attacks, and disruptions to critical infrastructures.

Windows 7 - William Stanek 2009-10-10

A guide to Windows 7 is organized by feature, furnishing details on all new features, tools, and enhancements, including the multimedia, security, search, and data organization capabilities, and offering helpful tips on system setup, upgrading, and troubleshooting.

Microtecnic - 1981

Acoustics of Porous Media - Thierry Bourbié 1987

Non-conventional Electrical Machines - Abderrezak Rezzoug 2013-02-04

The developments of electrical machines are due to the convergence of material progress, improved calculation tools, and new feeding sources. Among the many recent machines, the authors have chosen, in this first book, to relate the progress in slow speed machines, high speed machines, and superconducting machines. The first part of the book is dedicated to materials and an overview of magnetism, mechanic, and heat transfer.

The Quantum Rose - Catherine Asaro 2002-02-18

A New Adventure in the Saga of the Skolian Empire. Kamoj Argali is the young ruler of an impoverished province on a backward planet. To keep her people from starving, she has agreed to marry Jax Ironbridge, the boorish and brutal ruler of a prosperous province. But before Argali and Ironbridge are wed, a mysterious stranger from a distant planet sweeps in and forces Kamoj into marriage, throwing her world into utter chaos. "Fans of futuristic romance will revel in the delights of a top notch romantic adventure set against an impeccably crafted, richly imagined background. . . . Connoisseurs of good science writing, vivid imagery and powerful emotional intensity are in for a real treat."-Romantic Times (4 1/2 stars)

Manual of Fish Sclerochronology - Hervé Troadec 2002

Spatial Disorientation in Aviation - Fred H. Previc 2004

French books in print, anglais - Electre 2002

Introduction to Small Area Estimation Techniques - Asian Development Bank 2020-05-01

This guide to small area estimation aims to help users compile more reliable granular or disaggregated data in cost-effective ways. It explains small area estimation techniques with examples of how the easily accessible R analytical platform can be used to implement them, particularly to estimate indicators on poverty, employment, and health outcomes. The guide is intended for staff of national statistics offices and for other development practitioners. It aims to help them to develop and implement targeted socioeconomic policies to ensure that the vulnerable segments of societies are not left behind, and to monitor progress toward the Sustainable Development Goals.

Entre nous 2 méthode de français - Anne-Laure Sarazin 2016

Entre Nous est une méthode de français langue étrangère dynamique qui répond de façon efficace aux besoins des apprenants. Clairement structurée et organisée autour de la réalisation de tâches finales motivantes, la méthode propose des activités qui impliquent réellement les apprenants. Le Guide pédagogique Entre Nous 2 est un ouvrage conçu pour aider l'enseignant à exploiter au mieux le manuel avec sa classe. Dans cet ouvrage : une présentation claire de l'approche et des objectifs du manuel ; des conseils pour mettre en place et exploiter au mieux les activités ; des idées de variantes pour les tâches finales ; des renvois vers la partie Cahier d'activités et vers le précis grammatical pour une utilisation simple et efficace ; des notes interculturelles ; les corrigés de la partie Livre de l'élève.

Effective Java - Joshua Bloch 2008-05-08

Are you looking for a deeper understanding of the Java™ programming language so that you can write code that is clearer, more correct, more robust, and more reusable? Look no further! Effective Java™, Second Edition, brings together seventy-eight indispensable programmer's rules of thumb: working, best-practice solutions for the programming challenges you encounter every day. This highly anticipated new edition of the classic, Jolt Award-winning work has been thoroughly updated to cover Java SE 5 and Java SE 6 features introduced since the first edition. Bloch explores new design patterns and language idioms, showing you how to make the most of features ranging from generics to enums, annotations to autoboxing. Each chapter in

the book consists of several “items” presented in the form of a short, standalone essay that provides specific advice, insight into Java platform subtleties, and outstanding code examples. The comprehensive descriptions and explanations for each item illuminate what to do, what not to do, and why. Highlights include: New coverage of generics, enums, annotations, autoboxing, the for-each loop, varargs, concurrency utilities, and much more Updated techniques and best practices on classic topics, including objects, classes, libraries, methods, and serialization How to avoid the traps and pitfalls of commonly misunderstood subtleties of the language Focus on the language and its most fundamental libraries: java.lang, java.util, and, to a lesser extent, java.util.concurrent and java.io Simply put, *Effective Java™*, Second Edition, presents the most practical, authoritative guidelines available for writing efficient, well-designed programs.

Repenser nos futurs ensemble - UNESCO 2022

Devant la menace qui pèse sur les futurs communs de l'humanité et de la planète Terre, il est devenu urgent d'entreprendre une action commune pour changer de cap et repenser nos futurs. Reconnue de longue date comme une puissante force au service de transformations positives, l'éducation est investie d'une mission nouvelle, urgente et essentielle. Le présent rapport, le fruit d'un travail de deux années, invite les gouvernements, les institutions, les organisations et les citoyens à travers le monde à élaborer un nouveau contrat social pour l'éducation qui nous aidera à construire, des futurs pacifiques, justes et durables.

Mathematical Problem Solving - ALAN H. SCHOENFELD 2014-06-28

This book is addressed to people with research interests in the nature of mathematical thinking at any level, to people with an interest in "higher-order thinking skills" in any domain, and to all mathematics teachers. The focal point of the book is a framework for the analysis of complex problem-solving behavior. That framework is presented in Part One, which consists of Chapters 1 through 5. It describes four qualitatively different aspects of complex intellectual activity: cognitive resources, the body of facts and procedures at one's disposal; heuristics, "rules of thumb" for making progress in difficult situations; control, having to do with the efficiency with which individuals utilize the knowledge at their disposal; and belief systems, one's perspectives regarding the nature of a discipline and how one goes about working in it. Part Two of the book, consisting of Chapters 6 through 10, presents a series of empirical studies that flesh out the analytical framework. These studies document the ways that competent problem solvers make the most of the knowledge at their disposal. They include observations of students, indicating some typical roadblocks to success. Data taken from students before and after a series of intensive problem-solving courses document the kinds of learning that can result from carefully designed instruction. Finally, observations made in typical high school classrooms serve to indicate some of the sources of students' (often counterproductive) mathematical behavior.

Professionalism and Ethics in Teaching - David Carr 2005-06-20

Professionalism and Ethics in Teaching presents a thought-provoking and stimulating study of the moral dimensions of the teaching professions. After discussing the moral implications of professionalism, Carr explores the relationship of education theory to teaching practice and the impact of this relationship on professional expertise. He then identifies and examines some central ethical and moral issues in education and teaching. Finally David Carr gives a detailed analysis of a range of issues concerning the role of the teacher and the managements of educational issues. *Professionalism and Ethics in Teaching* presents a thought-provoking and stimulating study of the moral dimensions of the teaching professions.

Arduino For Dummies - John Nussey 2018-08-10

Bring your ideas to life with the latest Arduino hardware and software Arduino is an affordable and readily available hardware development platform based around an open source, programmable circuit board. You can combine this programmable chip with a variety of sensors and actuators to sense your environment around you and control lights, motors, and sound. This flexible and easy-to-use combination of hardware and software can be used to create interactive robots, product prototypes and electronic artwork, whether you're an artist, designer or tinkerer. *Arduino For Dummies* is a great place to start if you want to find out about Arduino and make the most of its incredible capabilities. It helps you become familiar with Arduino and what it involves, and offers inspiration for completing new and exciting projects. • Covers the latest software and hardware currently on the market • Includes updated examples and circuit board diagrams in addition to new resource chapters • Offers simple examples to teach fundamentals needed to move onto more

advanced topics • Helps you grasp what's possible with this fantastic little board Whether you're a teacher, student, programmer, hobbyist, hacker, engineer, designer, or scientist, get ready to learn the latest this new technology has to offer!

European Success Stories in Industrial Mathematics - Thibaut Lery 2011-09-15

This unique book presents real world success stories of collaboration between mathematicians and industrial partners, showcasing first-hand case studies, and lessons learned from the experiences, technologies, and business challenges that led to the successful development of industrial solutions based on mathematics. It shows the crucial contribution of mathematics to innovation and to the industrial creation of value, and the key position of mathematics in the handling of complex systems, amplifying innovation. Each story describes the challenge that led to the industrial cooperation, how the challenge was approached and how the solutions were achieved and implemented. When brought together, they illustrate the versatile European landscape of projects in almost all areas of applied mathematics and across all business sectors. This book of success stories has its origin in the Forward Look about Mathematics and Industry that was funded by the European Science Foundation (ESF) and coordinated by the Applied Mathematics Committee of the European Mathematical Society (EMS). In each of these success stories, researchers, students, entrepreneurs, policy makers and business leaders in a range of disciplines will find valuable material and important lessons that can be applied in their own fields.

Introduction to Hardware Security and Trust - Mohammad Tehranipoor 2011-09-22

This book provides the foundations for understanding hardware security and trust, which have become major concerns for national security over the past decade. Coverage includes security and trust issues in all types of electronic devices and systems such as ASICs, COTS, FPGAs, microprocessors/DSPs, and embedded systems. This serves as an invaluable reference to the state-of-the-art research that is of critical significance to the security of, and trust in, modern society's microelectronic-supported infrastructures.

World Migration Report 2020 - United Nations 2019-11-27

Since 2000, IOM has been producing world migration reports. The World Migration Report 2020, the tenth in the world migration report series, has been produced to contribute to increased understanding of migration throughout the world. This new edition presents key data and information on migration as well as thematic chapters on highly topical migration issues, and is structured to focus on two key contributions for readers: Part I: key information on migration and migrants (including migration-related statistics); and Part II: balanced, evidence-based analysis of complex and emerging migration issues.

Robot Grippers - Gareth J. Monkman 2007-02-27

Since robotic prehension is widely used in all sectors of manufacturing industry, this book fills the need for a comprehensive, up-to-date treatment of the topic. As such, this is the first text to address both developers and users, dealing as it does with the function, design and use of industrial robot grippers. The book includes both traditional methods and many more recent developments such as micro grippers for the optoelectronics industry. Written by authors from academia, industry and consulting, it begins by covering the four basic categories of robotic prehension before expanding into sections dealing with endeffector design and control, robotic manipulation and kinematics. Later chapters go on to describe how these various gripping techniques can be used for a common industrial aim, with details of related topics such as: kinematics, part separation, sensors, tool exchange and compliance. The whole is rounded off with specific examples and case studies. With more than 570 figures, this practical book is all set to become the standard for advanced students, researchers and manufacturing engineers, as well as designers and project managers seeking practical descriptions of robot endeffectors and their applications.

Fundamentals of Satellite Remote Sensing - Emilio Chuvieco 2020-01-22

Fundamentals of Satellite Remote Sensing: An Environmental Approach, Third Edition, is a definitive guide to remote sensing systems that focuses on satellite-based remote sensing tools and methods for space-based Earth observation (EO). It presents the advantages of using remote sensing data for studying and monitoring the planet, and emphasizes concepts that make the best use of satellite data. The book begins with an introduction to the basic processes that ensure the acquisition of space-borne imagery, and provides an overview of the main satellite observation systems. It then describes visual and digital image analysis, highlights various interpretation techniques, and outlines their applications to science and management. The

latter part of the book covers the integration of remote sensing with Geographic Information System (GIS) for environmental analysis. This latest edition has been written to reflect a global audience and covers the most recent advances incorporated since the publication of the previous book, relating to the acquisition and interpretation of remotely sensed data. New in the Third Edition: Includes additional illustrations in full color. Uses sample images acquired from different ecosystems at different spatial resolutions to illustrate different interpretation techniques. Includes updated EO missions, such as the third generations of geostationary meteorological satellites, the new polar orbiting platforms (Suomi), the ESA Sentinels program, and high-resolution commercial systems. Includes extended coverage of radar and LIDAR processing methods. Includes all new information on near-ground missions, including unmanned aerial vehicles (UAVs). Covers new ground sensors, as well as machine-learning approaches to classification. Adds more focus on land surface characterization, time series, change detection, and ecosystem processes. Extends the interactions of EO data and GIS that cover different environmental problems, with particular relevance to global observation. Fundamentals of Satellite Remote Sensing: An Environmental Approach, Third Edition, details the tools that provide global, recurrent, and comprehensive views of the processes affecting the Earth. As one of CRC's Essential titles, this book and stands out as one of the best in its field and is a must-have for researchers, academics, students, and professionals involved in the field of environmental science, as well as for libraries developing collections on the forefront of this industry.

Chemical Analysis - Francis Rouessac 2013-05-06

Completely revised and updated, *Chemical Analysis: Second Edition* is an essential introduction to a wide range of analytical techniques and instruments. Assuming little in the way of prior knowledge, this text carefully guides the reader through the more widely used and important techniques, whilst avoiding excessive technical detail. Provides a thorough introduction to a wide range of the most important and widely used instrumental techniques. Maintains a careful balance between depth and breadth of coverage. Includes examples, problems and their solutions. Includes coverage of latest developments including supercritical fluid chromatography and capillary electrophoresis.

Les capteurs - Pascal Dassonville 2013

"Ce manuel s'adresse aux étudiants en fin de licence ou en master d'électronique ou de physique, aux étudiants en dernière année d'IUT GEII, ainsi qu'aux élèves-ingénieurs. Il sera également utile aux enseignants à la recherche d'exemples d'applications ou de sujets d'examen. Cet ouvrage rassemble 37 exercices et 25 problèmes avec leur solution détaillée. Il couvre une grande diversité de cas pratiques en électronique, métrologie, physique, traitement du signal... Les exercices sont le plus souvent centrés sur un point scientifique précis ou sur une difficulté technique de mise en œuvre. Les problèmes sont plus complets et pluridisciplinaires. Ils comportent souvent des développements technico-économiques ou des variantes possibles à la problématique traitée. Cette seconde édition compte 12 nouveaux exercices qui portent notamment sur les capteurs à courants de Foucault, les potentiomètres rotatifs ou les capteurs capacitifs." [Source : 4e de couv.]

Handbook of Chemical Engineering Calculations - Nicholas P. Chopey 1994

A compilation of the calculation procedures needed every day on the job by chemical engineers. Tables of Contents: Physical and Chemical Properties; Stoichiometry; Phase Equilibrium; Chemical-Reaction Equilibrium; Reaction Kinetics and Reactor Design; Flow of Fluids and Solids; Heat Transfer; Distillation; Extraction and Leaching; Crystallization; Filtration; Liquid Agitation; Size Reduction; Drying; Evaporation; Environmental Engineering in the Plant. Illustrations. Index.

Reproducing Images and Texts / La reproduction des images et des textes - 2021-12-13

This volume explores how reproduction and reproducibility impact artistic and literary creation while also examining the ways in which reproducibility impacts our practices and disciplines. Ce volume explore l'impact de la reproduction et de la reproductibilité sur la création artistique et littéraire, mais aussi l'impact de la reproductibilité sur nos pratiques et sur nos disciplines.

Rossignols, merles, grives et autres insectivores - Gianni Ravazzi 1997

Algorithms For Dummies - John Paul Mueller 2017-04-11

Discover how algorithms shape and impact our digital world All data, big or small, starts with algorithms.

Algorithms are mathematical equations that determine what we see—based on our likes, dislikes, queries, views, interests, relationships, and more—online. They are, in a sense, the electronic gatekeepers to our digital, as well as our physical, world. This book demystifies the subject of algorithms so you can understand how important they are business and scientific decision making. *Algorithms for Dummies* is a clear and concise primer for everyday people who are interested in algorithms and how they impact our digital lives. Based on the fact that we already live in a world where algorithms are behind most of the technology we use, this book offers eye-opening information on the pervasiveness and importance of this mathematical science—how it plays out in our everyday digestion of news and entertainment, as well as in its influence on our social interactions and consumerism. Readers even learn how to program an algorithm using Python! Become well-versed in the major areas comprising algorithms Examine the incredible history behind algorithms Get familiar with real-world applications of problem-solving procedures Experience hands-on development of an algorithm from start to finish with Python If you have a nagging curiosity about why an ad for that hammock you checked out on Amazon is appearing on your Facebook page, you'll find *Algorithm for Dummies* to be an enlightening introduction to this integral realm of math, science, and business.

Where the Light Enters - Sara Donati 2019

From the international bestselling author of *The Gilded Hour* comes Sara Donati's enthralling epic about two trailblazing female doctors in nineteenth-century New York. Obstetrician Dr. Sophie Savard returns home to the achingly familiar rhythms of Manhattan in the early spring of 1884 to rebuild her life after the death of her husband. With the help of Dr. Anna Savard, her dearest friend, cousin, and fellow physician she plans to continue her work aiding the disadvantaged women society would rather forget. As Sophie sets out to construct a new life for herself, Anna's husband, Detective-Sergeant Jack Mezzanotte calls on them both to consult on two new cases: the wife of a prominent banker has disappeared into thin air, and the corpse of a young woman is found with baffling wounds that suggest a killer is on the loose. In New York it seems that the advancement of women has brought out the worst in some men. Unable to ignore the plight of New York's less fortunate, these intrepid cousins draw on all resources to protect their patients.

Spécialité Sciences de l'Ingénieur - Première - Marc Ferrouillet 2023-05-23

Cet ouvrage s'adresse aux élèves de première qui ont choisi la spécialité de Sciences de l'Ingénieur (SI). Il est construit autour de 3 parties : Une première partie montre progressivement comment utiliser les logiciels de simulation multiphysique lors de la réalisation de projet. Une seconde partie aborde les connaissances de mécanique nécessaires aux élèves qui ne suivraient pas les spécialités de mathématiques ou de physique-chimie. La dernière partie aborde les connaissances spécifiques du numérique. La plupart des chapitres sont précédés d'un préambule. Celui-ci donne un aperçu de la portée du sujet traité. Ils comportent presque tous des exercices ou des problèmes corrigés. Ce manuel est conçu pour être utilisé en complément des séances de travaux pratiques. Il propose un grand nombre d'exercices corrigés pour se préparer à l'examen.

Optoelectronics - Emmanuel Rosencher 2002-05-30

Optoelectronics, first published in 2002, is a practical and self-contained textbook written for graduate students and engineers.

The Book of Ingenious Devices / Kitáb al-Ḥiyal - 1978-12-31

skilled in geometry, ingenious devices (!lival), music and astronomy. According to Ibn al-Nadīm and Ibn Khallikān their weakest subject was astronomy, but this seems to conflict with the opinions of Ibn Yunus and al-Bīrūnī, both good judges, who spoke highly of the accuracy of the Banu Musa's astronomical observations. Muḥammad, who was the most influential of the brothers, specialised in geometry and astronomy, and excelled Al-Ḥāḍir in all the sciences except in the construction of ingenious devices. Al-Ḥāḍir: Iḥṣān was a brilliant geometrician with a retentive memory and great powers of deduction. A rival once tried to discredit him in front of al-Ma'mūn by saying that al-Ḥāḍir: Iḥṣān had read only six of the thirteen books of Euclid's *Elements*. Al-Ḥāḍir: Iḥṣān replied by saying that it was unnecessary for him to read the remainder because he could arrive at the answers to any of Euclid's problems by deduction. Al-Ma'mūn acknowledged al-Ḥāḍir: Iḥṣān's skill, but did not excuse him, saying: "Laziness has prevented you from reading the whole of it—it is to geometry as the letters a, b, t, 111 are to speech and writing." (H. 264). Al-Ḥāḍir: Iḥṣān is rarely mentioned by name elsewhere in the sources and may have preferred to devote his time to scholarship, whereas his brothers were involved in a variety of undertakings. At the time of their entry into the House of Wisdom the Banu Mūsā were pair and

needy (H.

Ambient Assisted Living - Nuno M. Garcia 2015-06-09

Addresses an Emerging Shift in Developing Countries The authors and contributors of Ambient Assisted Living have recognized that the demographic profile is changing in many developing countries and have factored in an inversion of the demographic pyramid. The technology of ambient assisted living (AAL), supports the elderly and disabled in their daily routines to allow for safe and independent living for as long as possible. Dedicated to ambient intelligence—electronic environments that are sensitive and responsive to the presence of people—Ambient Assisted Living highlights the technologies that center on the needs of these special interest groups, such as the elderly or people with disabilities. Beneficial to students, practitioners, and users of ambient assisted living (AAL), this text compiles scattered information on the subject, outlines the most important and significant work in related literature, and covers the latest hardware and software for ergonomic design pertaining to AAL. From inception to implementation, the text assesses what has been produced and researched so far and looks for trends and clues for the future. It reviews literature on AAL published since 2007 and describes the main features and areas of products or systems that interlink and improve new or existing technologies and systems. This text: Provides extensive coverage of the applications, software, and information management for AAL Contains an overview of the concepts related to AAL Includes a comprehensive review of the state of the art on pervasive and mobile health (m-health) applications Describes a set of projects and work with scientific relevance in AAL Introduces a framework focused on the monitoring and assistance of elderly persons living alone Discusses a prospective study on technological systems for people with cognitive disabilities Ambient Assisted Living highlights technologies that adapt to the user rather than the user adapting to the technology. This text proposes technologies that can enable assisted persons to live independently for longer and reduce the need for long-term care.

Computational Fluid and Particle Dynamics in the Human Respiratory System - Jiyuan Tu 2012-09-17

Traditional research methodologies in the human respiratory system have always been challenging due to their invasive nature. Recent advances in medical imaging and computational fluid dynamics (CFD) have accelerated this research. This book compiles and details recent advances in the modelling of the respiratory system for researchers, engineers, scientists, and health practitioners. It breaks down the complexities of this field and provides both students and scientists with an introduction and starting point to the physiology of the respiratory system, fluid dynamics and advanced CFD modeling tools. In addition to a brief introduction to the physics of the respiratory system and an overview of computational methods, the book contains best-practice guidelines for establishing high-quality computational models and simulations.

Inspiration for new simulations can be gained through innovative case studies as well as hands-on practice using pre-made computational code. Last but not least, students and researchers are presented the latest biomedical research activities, and the computational visualizations will enhance their understanding of physiological functions of the respiratory system.

CENELEC 50128 and IEC 62279 Standards - Jean-Louis Boulanger 2015-03-24

CENELEC EN 50128 and IEC 62279 standards are applicable to the performance of software in the railway sector. The 2011 version of the 50128 standard firms up the techniques and methods to be implemented. This is a guide to its implementation, in order to understand the foundations of the standard and how it impacts on the activities to be undertaken, helping towards better a preparation for the independent evaluation phase, which is mandatory.

Introduction to Microwave Remote Sensing - Iain H. Woodhouse 2017-07-12

Introduction to Microwave Remote Sensing offers an extensive overview of this versatile and extremely precise technology for technically oriented undergraduates and graduate students. This textbook emphasizes an important shift in conceptualization and directs it toward students with prior knowledge of optical remote sensing: the author dispels any linkage between microwave and optical remote sensing. Instead, he constructs the concept of microwave remote sensing by comparing it to the process of audio perception, explaining the workings of the ear as a metaphor for microwave instrumentation. This volume takes an “application-driven” approach. Instead of describing the technology and then its uses, this textbook justifies the need for measurement then explains how microwave technology addresses this need. Following a brief summary of the field and a history of the use of microwaves, the book explores the physical properties of microwaves and the polarimetric properties of electromagnetic waves. It examines the interaction of microwaves with matter, analyzes passive atmospheric and passive surface measurements, and describes the operation of altimeters and scatterometers. The textbook concludes by explaining how high resolution images are created using radars, and how techniques of interferometry can be applied to both passive and active sensors.

Safety of Existing Dams - National Research Council 1983-01-01

Written by civil engineers, dam safety officials, dam owners, geologists, hydraulic engineers, and risk analysts, this handbook is the first cooperative attempt to provide practical solutions to dam problems within the financial constraints faced by dam owners. It provides hands-on information for identifying and remedying common defects in concrete and masonry dams, embankment dams, reservoirs, and related structures. It also includes procedures for monitoring dams and collecting and analyzing data. Case histories demonstrate economical solutions to specific problems.