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Soft-Material Robotics
Measurement, Instrumentation, and Sensors Handbook, Second Edition
The Fukushima Daiichi Nuclear Accident
Lean Manufacturing. Step by step
Algebraic Geometry II
Extensive Reading in the Second Language Classroom
Implementing Total Quality
New Challenges for Documentary
The Changing Academic Profession
Travel Survey Manual
Circuit Design for Electronic Instrumentation
Qualitative Data
Intelligent Robots and Systems
Proceedings of the International Congress of Mathematicians 2010 (icm 2010) (in 4 Volumes) - Vol. I: Plenary Lectures and Ceremonies, Vols. II-IV: Invited Lectures
Network Security with OpenSSL
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Reciprocal Frame Architecture
Arts-Based Methods in Education Around the World
The Artilect War
Handbook of Pharmaceutical Excipients
Critical CALL - Proceedings of the 2015 EUROCALL Conference, Padova, Italy
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Otaku and the Struggle for Imagination in Japan
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Karate-Do
Economics of Strategy

ELVIS KEY

Soft-Material Robotics Walter de Gruyter GmbH & Co KG
Most applications these days are at least somewhat network aware, but how do you protect those applications against common network security threats? Many developers are turning to OpenSSL, an open source version of SSL/TLS, which is the most widely used protocol for secure network communications. The OpenSSL library is seeing widespread adoption for web sites that require cryptographic functions to protect a broad range of sensitive information, such as credit card numbers and other financial transactions. The library is the only free, full-featured SSL implementation for C and C++, and it can be used programmatically or from the command line to secure most TCP-based network protocols. Network Security with OpenSSL enables developers to use this protocol much more effectively. Traditionally, getting something simple done in OpenSSL could easily take weeks. This concise book gives you the guidance you need to avoid pitfalls, while allowing you to take advantage of the library's advanced features. And, instead of bogging you down in the technical details of how SSL works under the hood, this book provides only the information that is necessary to use OpenSSL safely and effectively. In step-by-step fashion, the book details the challenges in securing network communications, and shows you how to use OpenSSL tools to best meet those challenges. As a system or network administrator, you will benefit from the thorough treatment of the OpenSSL command-line interface, as well as from step-by-step directions for obtaining certificates and setting up your own certification authority. As a developer, you will further benefit from the in-depth discussions and examples of how to use OpenSSL in your own programs. Although OpenSSL is written in C, information on how to use OpenSSL with Perl, Python and PHP is also included. OpenSSL may well answer your need to protect sensitive data. If that's the case, Network Security with OpenSSL is the only guide available on the subject.
Measurement, Instrumentation, and Sensors Handbook, Second

Edition UNESCO Publishing

Simple and beautifully illustrated introduction to the use of reciprocal frame structures in architecture.

The Fukushima Daiichi Nuclear Accident Amer Pharmacists Assn
The primary objective of the book is to serve as a primer on the theory of bounded linear operators on separable Hilbert space. The book presents the spectral theorem as a statement on the existence of a unique continuous and measurable functional calculus. It discusses a proof without digressing into a course on the Gelfand theory of commutative Banach algebras. The book also introduces the reader to the basic facts concerning the various von Neumann-Schatten ideals, the compact operators, the trace-class operators and all bounded operators.

Lean Manufacturing. Step by step MARGE BOOKS

For freshman/sophomore level courses in Industrial Technology, Industrial Management, Manufacturing Technology and Business. A practical new handbook that shows students, step-by-step, how to implement a total quality approach to management in business and industry organizations. Coverage enumerates a 20-step process for implementing a total quality approach...a process that encompasses every element of total quality management in a coherent format that provides a rationale for both the big picture of implementation and the specific details. The text's building block approach includes two master case studies that follow two representative companies through the entire implementation process until one company fails at Total Quality Management and one company succeeds.

Algebraic Geometry II "O'Reilly Media, Inc."

This book provides an overview on the major findings of a questionnaire survey of academic profession in international perspective. More than 25,000 professors and junior staff at universities and other institutions of higher education at almost 20 countries from all over the world provide information on their working situation, their views and activities. The study "The Changing Academic Profession" is the second major study of its kind, and changes of views and activities are presented through a comparison of the findings with those of the earlier study undertaken in the early 1990s. Major themes are the academics'

perception of their societal and institutional environments, the views on the major tasks of teaching, research and services, their professional preferences and actual activities, their career, their perceived influence and their overall job satisfaction. Emphasis is placed on the influence of recent changes in higher education: the internationalisation and globalisation, the increasing expectation to provide evidence of the relevance of academic work, and finally the growing power of management at higher education institutions. Overall, the academics surveyed show that worldwide discourses and trends in higher education put their mark on the academic profession, but differences by country continue to be noteworthy. Academics consider themselves to be more strongly exposed to mechanism of regulations, incentives and sanctions as well as various assessments than in the past; yet their own freedom, and responsibilities and influence shape their identity more strongly and are reflected in widespread professional satisfaction.

Extensive Reading in the Second Language Classroom CRC Press

In today's global recession, strong management of firms and organizations are of the utmost importance. Best-selling Economics of Strategy focuses on the key economic concepts students must master in order to develop a sound business strategy. Bringing economic theory and strategic analysis to life in an engaging and uniquely modern way, Besanko et al. have collaborated for over 15 years to build an introductory business course that combines basic concepts from economic theory of the firm and industrial organization with ideas from modern strategy literature. The newly revised 5th edition offers more real-world applications to make materials studied in undergraduate Managerial Economics, Business Strategy, and Industrial Organization courses relevant. Armed with general principles, today's students—tomorrow's future managers—will be prepared to adjust their firms' business strategies to the demands of the ever-changing environment.

Implementing Total Quality World Scientific

The Second Edition of the bestselling Measurement, Instrumentation, and Sensors Handbook brings together all

aspects of the design and implementation of measurement, instrumentation, and sensors. Reflecting the current state of the art, it describes the use of instruments and techniques for performing practical measurements in engineering, physics, chemistry, and the life sciences and discusses processing systems, automatic data acquisition, reduction and analysis, operation characteristics, accuracy, errors, calibrations, and the incorporation of standards for control purposes. Organized according to measurement problem, the Spatial, Mechanical, Thermal, and Radiation Measurement volume of the Second Edition: Contains contributions from field experts, new chapters, and updates to all 96 existing chapters Covers instrumentation and measurement concepts, spatial and mechanical variables, displacement, acoustics, flow and spot velocity, radiation, wireless sensors and instrumentation, and control and human factors A concise and useful reference for engineers, scientists, academic faculty, students, designers, managers, and industry professionals involved in instrumentation and measurement research and development, Measurement, Instrumentation, and Sensors Handbook, Second Edition: Spatial, Mechanical, Thermal, and Radiation Measurement provides readers with a greater understanding of advanced applications.

New Challenges for Documentary John Benjamins Publishing
This comprehensive examination of extensive reading shows how reading large quantities of books and other materials can provide students with essential practice in learning to read and help them develop a positive attitude towards reading, which is sometimes missed in second language classes. The authors first examine the cognitive and affective nature of reading and then offer a wealth of practical advice for implementing extensive reading with second language learners. Suggestions are provided for integrating extensive reading into the curriculum, establishing a library, selecting reading materials, and keeping records for purposes of evaluation. The text also describes a wide variety of classroom activities to supplement individualized silent reading. The information will be useful both for pre-service teachers and for teachers and administrators who want to improve the teaching of reading in their second language programs.

The Changing Academic Profession Springer Science & Business Media

Introduces the fundamentals aspects of the topic from history,

modelling, control, and system integration. The last decade has witnessed an increasing interest in the more active use of soft materials in robotic systems. Having a soft body like the ones in biological systems can potentially provide a robot with superior capabilities.

Travel Survey Manual CRC Press

This is a practical, entertaining and didactic book for those who are starting out in Lean culture. The language used in the techniques and tools allows Lean Six Sigma management system to be understood easily and, in addition, establishes a methodology adaptable to any improvement process. From the detailed knowledge of the processes, Lean Manufacturing encourages innovation, discipline and the continuous search for excellence, through tools that improve the effectiveness of teams, delivery times and, on the whole, the capacity and competitiveness of companies. Step by step, this book enables you to discover and apply material control and production techniques that increase quality, improve communication and access to information and provide significant energy reductions. The Lean Manufacturing system offers a methodology for manufacturing and the management of organizations focused on continuous improvement, in line with the needs for efficiency and optimization of companies' resources.

Circuit Design for Electronic Instrumentation McGraw-Hill Companies

This book is an elementary introduction to geometric topology and its applications to chemistry, molecular biology, and cosmology. It does not assume any mathematical or scientific background, sophistication, or even motivation to study mathematics. It is meant to be fun and engaging while drawing students in to learn about fundamental topological and geometric ideas. Though the book can be read and enjoyed by nonmathematicians, college students, or even eager high school students, it is intended to be used as an undergraduate textbook. The book is divided into three parts corresponding to the three areas referred to in the title. Part 1 develops techniques that enable two- and three-dimensional creatures to visualize possible shapes for their universe and to use topological and geometric properties to distinguish one such space from another. Part 2 is an introduction to knot theory with an emphasis on invariants. Part 3 presents applications of topology and geometry to

molecular symmetries, DNA, and proteins. Each chapter ends with exercises that allow for better understanding of the material. The style of the book is informal and lively. Though all of the definitions and theorems are explicitly stated, they are given in an intuitive rather than a rigorous form, with several hundreds of figures illustrating the exposition. This allows students to develop intuition about topology and geometry without getting bogged down in technical details.

Qualitative Data Springer

From computer games to figurines and maid cafes, men called "otaku" develop intense fan relationships with "cute girl" characters from manga, anime, and related media and material in contemporary Japan. While much of the Japanese public considers the forms of character love associated with "otaku" to be weird and perverse, the Japanese government has endeavored to incorporate "otaku" culture into its branding of "Cool Japan." In *Otaku and the Struggle for Imagination in Japan*, Patrick W. Galbraith explores the conflicting meanings of "otaku" culture and its significance to Japanese popular culture, masculinity, and the nation. Tracing the history of "otaku" and "cute girl" characters from their origins in the 1970s to his recent fieldwork in Akihabara, Tokyo ("the Holy Land of Otaku"), Galbraith contends that the discourse surrounding "otaku" reveals tensions around contested notions of gender, sexuality, and ways of imagining the nation that extend far beyond Japan. At the same time, in their relationships with characters and one another, "otaku" are imagining and creating alternative social worlds.

Intelligent Robots and Systems McGraw Hill Professional

The Magnitude 9 Great East Japan Earthquake on March 11, 2011, followed by a massive tsunami struck TEPCO's Fukushima Daiichi Nuclear Power Station and triggered an unprecedented core melt/severe accident in Units 1 - 3. The radioactivity release led to the evacuation of local residents, many of whom still have not been able to return to their homes. As a group of nuclear experts, the Atomic Energy Society of Japan established the Investigation Committee on the Nuclear Accident at the Fukushima Daiichi Nuclear Power Station, to investigate and analyze the accident from scientific and technical perspectives for clarifying the underlying and fundamental causes, and to make recommendations. The results of the investigation by the AESJ Investigation Committee has been compiled herewith as the Final

Report. Direct contributing factors of the catastrophic nuclear incident at Fukushima Daiichi NPP initiated by an unprecedented massive earthquake/ tsunami – inadequacies in tsunami measures, severe accident management, emergency response, accident recovery and mitigations – and the underlying factors – organizational issues, etc., have been clarified and recommendations in the following areas have been made. - Nuclear safety fundamentals - Direct factors of the accident - Organizational aspects - Common items (R&D, International cooperation, human resources management) - Post-accident management/recovery from the accident.

Proceedings of the International Congress of Mathematicians 2010 (icm 2010) (in 4 Volumes) - Vol. I: Plenary Lectures and Ceremonies, Vols. II-IV: Invited Lectures NYU Press

This book is based on a one semester course for graduate students in physical sciences and applied mathematics. Not detailed mathematical background is needed but the student should be familiar with the theory of analytic functions of a complex variable. Since the course is problem-solving rather than theorem proving, the main requirement is that the student should be willing to work out a large number of specific examples. The course is divided about equally into three parts, where the first part is mostly theoretical and the remaining two parts emphasize on problem solving.

Network Security with OpenSSL Springer

This book provides theoretically based but practically oriented guide to the use of therapeutic modalities for students in physical therapy programs. It is intended for use in courses where various clinically oriented techniques and methods are presented. The second edition addresses a wide range of modalities, from electrical to thermal to manual to light (laser) therapy. Each chapter discusses the physiological basis for use, clinical applications, specific techniques of application through the use of related laboratory activities, and relevant individual case studies. The book is rounded out with pedagogical aids, including objectives, glossary of key terms, references, and appendices containing trigger points in the body and a list of manufactures of modality equipment.

Windsor castle Routledge

A necessary guide through the qualitative research process
Qualitative Data is meant for the novice researcher who needs

guidance on what specifically to do when faced with a sea of information. It takes readers through the qualitative research process, beginning with an examination of the basic philosophy of qualitative research, and ending with planning and carrying out a qualitative research study. It provides an explicit, step-by-step procedure that will take the researcher from the raw text of interview data through data analysis and theory construction to the creation of a publishable work. The volume provides actual examples based on the authors' own work, including two published pieces in the appendix, so that readers can follow examples for each step of the process, from the project's inception to its finished product. The volume also includes an appendix explaining how to implement these data analysis procedures using NVIVO, a qualitative data analysis program.

Reciprocal Frame Architecture Cambridge University Press
Arts-Based Methods in Education Around the World aims to investigate arts-based encounters in educational settings in response to a global need for studies that connect the cultural, inter-cultural, cross-cultural, and global elements of arts-based methods in education. In this extraordinary collection, contributions are collected from experts all over the world and involve a multiplicity of arts genres and traditions. These contributions bring together diverse cultural and educational perspectives and include a large variety of artistic genres and research methodologies. The topics covered in the book range from policies to pedagogies, from social impact to philosophical conceptualisations. They are informative on specific topics, but also offer a clear monitoring of the ways in which the general attention to the arts in education evolves through time.

Arts-Based Methods in Education Around the World Duke University Press

The Second Handbook of English Language Teaching provides a comprehensive examination of policy, practice, research and theory related to English language teaching in international contexts. Over 70 chapters focus on the research foundation for best practices, frameworks for policy decisions, and areas of consensus and controversy in second-language acquisition and pedagogy. In countries around the globe, English has become the second language taught most frequently and intensively. In many countries, particularly in Asia, government policies have made English a part of the curriculum from primary school on. Demand

for English teaching by parents and adult learners is fueled by the desire to increase economic competitiveness, globalization of the workforce, immigration, and a move toward lifelong learning. Immigration has led to an increased demand for English-language teaching even in countries where English is the dominant language.

The Artilect War Springer Science & Business Media

Linking the time when karate was a strictly Okinawan art of self-defense shrouded in the deepest secrecy and the present day, when it has become a martial art practiced throughout the world, is Gichin Funakoshi, the "Father of Karate-do." Out of modesty, he was reluctant to write this autobiography and did not do so until he was nearly ninety years of age. Trained in the Confucian classics, he was a schoolteacher early in life, but after decades of study under the foremost masters, he gave up his livelihood to devote the rest of his life to the propagation of the Way of Karate. Under his guidance, techniques and nomenclature were refined and modernized, the spiritual essence was brought to the fore, and karate evolved into a true martial art. Various forms of empty-hand techniques have been practiced in Okinawa for centuries, but due to the lack of historical records, fancy often masquerades as fact. In telling of his own famous teachers--and not only of their mastery of technique but of the way they acted in critical situations--the author reveals what true karate is. The stories he tells about himself are no less instructive: his determination to continue the art, after having started it to improve his health; his perseverance in the face of difficulties, even of poverty; his strict observance of the way of life of the samurai; and the spirit of self-reliance that he carried into an old age kept healthy by his practice of Karate-do.

Handbook of Pharmaceutical Excipients Manchester University Press

Of the 300 papers presented during IROS '94, 48 were selected because they are particularly significant and characteristic for the present state of the technology of intelligent robots and systems. This book contains the selected papers in a revised and expanded form. Robotics and intelligent systems constitute a very wide and truly interdisciplinary field. The papers have been grouped into the following categories: - Sensing and Perception - Learning and Planning - Manipulation - Telerobotics and Space Robotics - Multiple Robots - Legged Locomotion - Mobile Robot Systems -

Robotics in Medicine Other additional fields covered include; control, navigation and simulation. Since many researchers in

robotics are now apparently interested in some combination of

learning, mobile robots and robot vision, most of the articles included relate to at least one of these fields.

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