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Diagnostische Verfahren in der Rehabilitation
Springer

This book addresses the various challenges and open questions relating to CAN communication networks. Opening with a short introduction into the fundamentals of CAN, the book then examines the problems and solutions for the physical layout of networks, including EMC issues and topology layout. Additionally, a discussion of quality issues with a particular focus on test techniques is presented. Each chapter

features a collection of illuminating insights and detailed technical information supplied by a selection of internationally-regarded experts from industry and academia. Features: presents thorough coverage of architectures, implementations and application of CAN transceiver, data link layer and so-called higher layer software; explains CAN EMC characteristics and countermeasures, as well as how to design CAN networks; demonstrates how to practically apply and test CAN systems; includes examples of real networks from diverse applications in automotive engineering, avionics, and home heating technology. *Best Practices in Software Measurement* Springer Science & Business Media Programmable controllers are used in virtually all automated industries. No electronics, computer, or process engineer can succeed without a good working knowledge of programmable controllers and their applications. This book provides a solid introduction to programmable controllers—what they are; how they work; and how to select, set up, and use them on the job. *Industrial Sprays and Atomization* CRC Press *Hauptsache gesund! Der entscheidende Ansatz der Gesundheitspsychologie* ist es, die Gesundheit (und nicht die Abwesenheit von Krankheit) in den Mittelpunkt zu stellen. Dies tun auch Babette Renneberg und Philipp Hammelstein konsequent: Die Themenvielfalt spiegelt die zahlreichen Tätigkeitsfelder des Fachgebietes wieder – sie reicht von der Verminderung des Konsums von Nikotin und Alkohol, Ernährung und

Dentalhygiene, Bewegungsverhalten und Stress-Management bis hin zu sexuellem Kontaktverhalten. Die Inhalte sind für Studierende und angehende Gesundheitspsychologen aufbereitet: So wird der Einstieg in das noch junge Fachgebiet leicht gemacht.

Enter the Animal William Andrew

Stress Field of the Earth's Crust is based on lecture notes prepared for a course offered to graduate students in the Earth sciences and engineering at University of Potsdam. In my opinion, it will undoubtedly also become a standard reference book on the desk of most scientists working with rocks, such as geophysicists, structural geologists, rock mechanics experts, as well as geotechnical and petroleum engineers. That is because this book is concerned with what is probably the most peculiar characteristic of rock – its initial stress condition. Rock is always under a natural state of stress, primarily a result of the gravitational and tectonic forces to which it is subjected. Crustal stresses can vary regionally and locally and can reach in places considerable magnitudes, leading to natural or man-made mechanical failure. Pre-existing stress distinguishes rock from most other materials and is at the core of the discipline of “Rock Mechanics”, which has been developed over the last century. Knowledge of rock stress is fundamental to understanding

faulting mechanisms and earthquake triggering, to designing stable underground caverns and productive oil fields, and to improving mining methods and geothermal energy extraction, among others. Several books have been written on the subject, but none has attempted to be as all-encompassing as the one by Zang and Stephansson.

Open-file List McGraw-Hill Higher Education

Marketplace complexity and dynamics create an environment that increases the uncertainty of innovation activities. In this context systematic management of innovation and product management are increasingly important for company success. This book presents the fundamentals of innovation and product management and introduces the reader to a holistic process model with particular focus on innovation and uncertainty. This integrated consideration of innovation management and product innovation within an interdisciplinary approach represents a unique characteristic of this book. The book is designed

to address the needs of managers who want a practical but well-researched guide to innovation and product management. Graduate and advanced undergraduate students would also find the chapters in this book particularly useful. Green IT Engineering: Concepts, Models, Complex Systems Architectures Springer Science & Business Media Der Band bietet eine umfassende Sammlung diagnostischer Verfahren im Bereich der Rehabilitation. Es werden sowohl krankheitsübergreifende Verfahren, als auch Verfahren für ausgewählte Indikationsgebiete dargestellt. Nach einer Einführung, die einen systematischen Überblick über den Stellenwert psychologischer Diagnostik in der Rehabilitation liefert, wird in einem Beitrag auf die „International Classification of Functioning“ (ICF) eingegangen. Anschließend beschreibt der erste Teil des Bandes krankheitsübergreifende

Verfahren, die u. a. folgende Bereiche umfassen:
„ Lebensqualität und Funktionszustand “ ,
„ Gesundheitsökonomisch orientiertes Assessment von Lebensqualität “ , „ Soziale Unterstützung “ , „ Rehabilitations- und Behandlungszufriedenheit “ . Im zweiten Teil werden ausgewählte Verfahren für die Indikationsgebiete Dermatologie, Diabetes, Gastroenterologie, Kardiologie, Onkologie, Orthopädie, Rheumatologie und Pneumologie vorgestellt. Verfahren, die im Rahmen der sozialmedizinischen Begutachtung zum Einsatz kommen können, runden den Band ab. Die Einheitlichkeit der Verfahrensbeschreibungen ermöglicht einen schnellen Zugang zu den wichtigsten Informationen. Angaben zum Anwendungsbereich und zu technischen Aspekten, wie etwa Bearbeitungszeit und Auswertungsmethodik, liefern wichtige Hinweise zum praktischen

Einsatz der Verfahren.
NEIS Conference 2016 Routledge
For ten days at the end of September, 1987, a group of about 75 scientists from 21 different countries gathered in a restored monastery on a 750 meter high piece of rock jutting out of the Mediterranean Sea to discuss the simulation of the transport of electrons and photons using Monte Carlo techniques. When we first had the idea for this meeting, Ralph Nelson, who had organized a previous course at the "Ettore Majorana" Centre for Scientific Culture, suggested that Erice would be the ideal place for such a meeting. Nahum, Nelson and Rogers became Co-Directors of the Course, with the help of Alessandro Rindi, the Director of the School of Radiation Damage and Protection, and Professor Antonino Zichichi, Director of the "Ettore Majorana" Centre. The course was an outstanding success, both scientifically and socially, and those at the meeting will carry the marks of having attended, both intellectually and on a personal level where many friendships were made. The scientific

content of the course was at a very high caliber, both because of the hard work done by all the lecturers in preparing their lectures (e. g. , complete copies of each lecture were available at the beginning of the course) and because of the high quality of the "students", many of whom were accomplished experts in the field. The outstanding facilities of the Centre contributed greatly to the success. This volume contains the formal record of the course lectures.
Industry 4.0 for SMEs Springer Science & Business Media
The Multiphase Flow Handbook, Second Edition is a thoroughly updated and reorganized revision of the late Clayton Crowe ' s work, and provides a detailed look at the basic concepts and the wide range of applications in this important area of thermal/fluids engineering. Revised by the new editors, Efstathios E. (Stathis) Michaelides and John D. Schwarzkopf, the new Second Edition begins with two chapters covering fundamental concepts and methods that pertain to all the types and applications of multiphase flow. The

remaining chapters cover the applications and engineering systems that are relevant to all the types of multiphase flow and heat transfer. The twenty-one chapters and several sections of the book include the basic science as well as the contemporary engineering and technological applications of multiphase flow in a comprehensive way that is easy to follow and be understood. The editors created a common set of nomenclature that is used throughout the book, allowing readers to easily compare fundamental theory with currently developing concepts and applications. With contributed chapters from sixty-two leading experts around the world, the Multiphase Flow Handbook, Second Edition is an essential reference for all researchers, academics and engineers working with complex thermal and fluid systems. Industrial Control Technology Springer Nature

Typically one third of the energy used in many buildings may be consumed by electric lighting. Good daylighting design can reduce electricity consumption for lighting and improve standards of visual comfort, health and amenity for the

occupants. As the only comprehensive text on the subject written in the last decade, the book will be welcomed by all architects and building services engineers interested in good daylighting design. The book is based on the work of 25 experts from all parts of Europe who have collected, evaluated and developed the material under the auspices of the European Commission's Solar Energy and Energy Conservation R&D Programmes.

Programmable Controllers
Bloomsbury Publishing
Instrument Engineers' Handbook – Volume 3: Process Software and Digital Networks, Fourth Edition is the latest addition to an enduring collection that industrial automation (AT) professionals often refer to as the "bible." First published in 1970, the entire handbook is approximately 5,000 pages, designed as standalone volumes that cover the measurement (Volume 1), control (Volume 2), and software (Volume 3) aspects of automation. This fourth edition of the third volume provides an in-depth, state-of-the-art review of control software packages used in plant optimization, control, maintenance, and safety. Each updated volume of this

renowned reference requires about ten years to prepare, so revised installments have been issued every decade, taking into account the numerous developments that occur from one publication to the next. Assessing the rapid evolution of automation and optimization in control systems used in all types of industrial plants, this book details the wired/wireless communications and software used. This includes the ever-increasing number of applications for intelligent instruments, enhanced networks, Internet use, virtual private networks, and integration of control systems with the main networks used by management, all of which operate in a linked global environment. Topics covered include: Advances in new displays, which help operators to more quickly assess and respond to plant conditions Software and networks that help monitor, control, and optimize industrial processes, to determine the efficiency, energy consumption, and profitability of operations Strategies to counteract changes in market conditions and energy and raw material costs Techniques to fortify

the safety of plant operations and the security of digital communications systems This volume explores why the holistic approach to integrating process and enterprise networks is convenient and efficient, despite associated problems involving cyber and local network security, energy conservation, and other issues. It shows how firewalls must separate the business (IT) and the operation (automation technology, or AT) domains to guarantee the safe function of all industrial plants. This book illustrates how these concerns must be addressed using effective technical solutions and proper management policies and practices. Reinforcing the fact that all industrial control systems are, in general, critically interdependent, this handbook provides a wide range of software application examples from industries including: automotive, mining, renewable energy, steel, dairy, pharmaceutical, mineral processing, oil, gas, electric power, utility, and nuclear power. Multiphase Flow Handbook, Second Edition Springer

This book provides a unified description of transport processes involving saturated and unsaturated flow in inorganic building materials and structures. It emphasizes fundamental physics and materials science, mathematical description, and experimental measurement as a basis for engineering design and construction practice. Water Transport in Brick Advances in Ergonomics in Design CRC Press
Known for its comprehensive introduction to PLCs, this completely updated sixth edition of **TECHNICIAN'S GUIDE TO PROGRAMMABLE CONTROLLERS** covers theory, hardware, instructions, programming, installation, startup, and troubleshooting in a way that is easy to understand and apply. New material has been added to include topics such as sequential function chart programming, function block programming, structured text programming, alarm and event programming, and programming information and examples on the Allen-Bradley ControlLogix family of PLCs. Additional topics include communication networks, basic control signals, linear scaling of analog

process signals, and the Proportional Integral Derivative (PID) instructions used by many PLC applications. Supplementary programming examples utilizing the PLC instructions in the text give students a better understanding of the various instructions and how they can be combined to create simple yet effective control logic solutions for today's world. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. [Methodologies and Results in Grapevine Research](#) Springer Science & Business Media
This book is the most up-to-date publication on photodiagnostic and phototherapeutic methods used in dermatology. Edited by international experts in the field, it offers comprehensive information on every aspect of Photodiagnostics and Phototherapy. The book focuses on the clinical aspects: detailed descriptions of photo- and photochemotherapy for the treatment of selected diseases as well as standardized test protocols for photodermatoses and for the diagnosis of skin tumors are presented. The clinically

oriented chapters are supplemented by practical guidelines for phototherapy and information about basic principles of photobiology.

Dermatological Phototherapy and Photodiagnostic Methods Self-Awareness von Führungskr äften: Messung und individuelle Unterschiede in einem 360-Grad-Feedback

"This publication represents the views and expert opinions of an IARC working group on the evaluation of carcinogenic risks to humans, which met in Lyon, 9-16 October 2001."

Advances in High Voltage Engineering IET

This open access book explores the concept of Industry 4.0, which presents a considerable challenge for the production and service sectors. While digitization initiatives are usually integrated into the central corporate strategy of larger companies, smaller firms often have problems putting Industry 4.0 paradigms into practice. Small and medium-sized enterprises (SMEs) possess neither the human nor financial resources to systematically

investigate the potential and risks of introducing Industry 4.0. Addressing this obstacle, the international team of authors focuses on the development of smart manufacturing concepts, logistics solutions and managerial models specifically for SMEs. Aiming to provide methodological frameworks and pilot solutions for SMEs during their digital transformation, this innovative and timely book will be of great use to scholars researching technology management, digitization and small business, as well as practitioners within manufacturing companies.

Stress Field of the Earth's Crust

Sydney University Press

Egyptian hieroglyphs, Chinese scrolls, and Ayurvedic literature record physicians administering aromatic oils to their patients. Today society looks to science to document health choices and the oils do not disappoint. The growing body of evidence of their efficacy for more than just scenting a room underscores the need for production standards, quality control parameters for raw materials and finished products, and well-defined

Good Manufacturing Practices. Edited by two renowned experts, the Handbook of Essential Oils covers all aspects of essential oils from chemistry, pharmacology, and biological activity, to production and trade, to uses and regulation. Bringing together significant research and market profiles, this comprehensive handbook provides a much-needed compilation of information related to the development, use, and marketing of essential oils, including their chemistry and biochemistry. A select group of authoritative experts explores the historical, biological, regulatory, and microbial aspects. This reference also covers sources, production, analysis, storage, and transport of oils as well as aromatherapy, pharmacology, toxicology, and metabolism. It includes discussions of biological activity testing, results of antimicrobial and antioxidant tests, and penetration-enhancing activities useful in drug delivery. New information on essential oils may lead to an increased understanding of their multidimensional uses and better,

more ecologically friendly production methods. Reflecting the immense developments in scientific knowledge available on essential oils, this book brings multidisciplinary coverage of essential oils into one all-inclusive resource.

Science and Skiing Springer Science & Business Media

Pages:1 to 25 -- Pages:26 to 50 --

Pages:51 to 75 -- Pages:76 to 100 --

Pages:101 to 125 -- Pages:126 to 150 --

Pages:151 to 175 -- Pages:176 to 200 --

Pages:201 to 225 -- Pages:226 to 243

Aluminium Kogan Page Publishers

An extensive critical compilation of the wide range of manufacturing processes that involve the application of spray technology, this book covers design of atomizers as well as the performance of plant and their corresponding spray systems. The needs of practising engineers from different disciplines: project managers, and works, maintenance and design engineers are catered for. Of interest to researchers in the field of liquid sprays, the book includes outlines of the contemporary and possible future research and challenges in the different fields of application and deals with: • sprays and their production; • sprays in industrial

production processes; • processes involving vaporisation and cooling or cleaning of gases; • spray-surface impact processes; • fuel sprays for fixed plant; • spraying of hot surfaces for steel making and other metals; • spraying of molten metals. Guidance is given for the analysis and interpretation of experimental data obtained using different measurement techniques.

Global Logistics World Health Organization

This book provides a comprehensive, updated summary of research evidence on the effects of stressful working and employment conditions on workers' health, as based on one of the worldwide leading theoretical models, effort-reward imbalance. It offers three innovative features that are appealing for research as well as for policy. Firstly, it presents and discusses comparable research findings from different continents, in particular from Japan, China, and Latin America. Secondly, it extends the conceptual framework of research on this topic by analysing associations of work stress with health in a life course perspective, and by linking these associations to the macro-level of national labour and social policies. Thirdly, the book helps to strengthen programs and policies that aim at

promoting healthy work locally, nationally, and internationally, by providing solid facts on which such programs can be based.

Innovation and Product Management Taylor & Francis

Historically, grief and spirituality have been jealously guarded as uniquely human experiences. Although non-human animal grief has been acknowledged in recent times, its potency has not been recognised as equal to human grief. Anthropocentric philosophical questions still underpin both academic and popular discussions. In *Enter the Animal*, Teya Brooks Pribac examines what we do and don't know about grief and spirituality. She explores the growing body of knowledge about attachment and loss and how they shape the lives of both human and non-human animals. A valuable addition to the vibrant interdisciplinary conversation about animal subjectivity, *Enter the Animal* identifies conceptual and methodological approaches that have contributed to the prejudice against nonhuman animals. It offers a compelling theoretical base for the

consideration of grief and spirituality
across species and highlights
important ethical implications for how
humans treat other animals.