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[Computer Graphics Through OpenGL®](#) Springer Science & Business Media

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.

[Advanced Typography](#) Springer

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

Hotel Front Office John Wiley & Sons

Quer durch alle Schulsysteme zeigt sich der Gesundheitsstatus der Schuljugend als problematisch, was mit Bewegungsmangel, falscher Ernährung, Rauchen, Alkohol- und Drogenkonsum einhergeht. Diese Probleme hängen nicht nur mit den Bedingungen in der Schule zusammen, sie haben auch

Rückwirkungen auf die Schule als Organisation. Dieses Lehrbuch richtet sich an alle, die sich beruflich, in Studium oder Ausbildung oder in der Praxis mit Schulischer Gesundheitsförderung beschäftigen. Eine Vielzahl von Autorinnen und Autoren aus Österreich, Deutschland und der Schweiz haben dazu einen Beitrag geliefert. Das Buch beinhaltet Ausführungen zu Konzepten und Aktivitäten der Gesundheitsförderung im allgemeinen und der Schulischen Gesundheitsförderung im speziellen.

Schulisches Gesundheitsmanagement, gesundheitsförderliches Lehren und Lernen, Ernährung, Bewegung und psychosoziale Gesundheit sind dabei nur einige der Themen, die angesprochen werden. Besonderes Augenmerk gilt auch der Wirksamkeit und Nutzlichkeit von schulischer Gesundheitsförderung sowie den entsprechenden Evaluationsmethoden. Außerdem werden aktuelle Ergebnisse präsentiert zur Gesundheit,

zum Gesundheitsverhalten und zu den Determinanten der Gesundheit von Kindern und Jugendlichen ebenso wie zur Gesundheit und den besonderen beruflichen Belastungen der Lehrer und Lehrerinnen.

Kontrollfragen und Literaturhinweise zu jedem Beitrag erleichtern die eigenständige Arbeit und fördern die Motivation zur Auseinandersetzung mit dem Thema der Schulischen Gesundheitsförderung. Die Stärkung von Kindern und Jugendlichen gegenüber Gesundheitsgefahren gehört zu den Kernaufgaben einer modernen Schule. Ihr Zweck bleibt Erziehung und Wissensvermittlung, aber sie kann nur mit gesunden LehrerInnen und gesunden, wohlbehinderten SchülernInnen funktionieren.

[Plant Flow Measurement and Control Handbook](#) Springer Nature

The fifth edition of Programmable Logic Controllers continues to provide an up to date introduction to all aspects of PLC programming, installation, and maintaining procedures. Improvements have been made to every chapter. The content, applied programming examples, available instructor and student resources including lesson PowerPoint presentations (with simulated PLC program videos), Test Generator, LogixPro Lab Manual and Activities Manual leaves little to be desired by the student or instructor. With the fifth edition, students and instructors have access to McGraw's digital products Connect and SmartBook for the first time. Connect is the only integrated learning system that empowers students by continuously adapting to deliver precisely what they need, when they need it, how they need it, so that your class time is more engaging and effective.

[Gesundheitspsychologie](#) Springer Nature

Automation in Garment Manufacturing provides systematic and comprehensive insights into this multifaceted process. Chapters cover the role of automation in design and product development, including color matching, fabric inspection, 3D body scanning, computer-aided design and prototyping. Part Two covers automation in garment production, from handling, spreading and cutting, through to finishing and pressing techniques. Final chapters discuss advanced tools for assessing productivity in manufacturing, logistics and supply-chain management. This book is a key resource for all those engaged in textile and apparel development and production, and is also ideal for academics engaged in research on textile science and technology. Delivers theoretical and practical guidance on automated processes that benefit anyone developing or manufacturing textile products Offers a range of perspectives on manufacturing from an international team of authors Provides systematic and comprehensive coverage of the topic, from fabric construction, through product development, to current and potential applications

[Aluminium](#) Springer Science & Business Media

The first part of this third volume focuses on the design of mechatronic components, in particular the feed drives of machine tools used to generate highly dynamic drive movements. Engineering guides for the selection and design of important machine components, the control technology of feed drives, and the measuring systems required for position capture are presented. Another focus

is on process and diagnostic equipment for manufacturing machines and systems. The second part describes control concepts including programming methods for various applications of modern production systems. Programmable logic controllers (PLC), numerical controllers (NC) and robot controllers (RC) are part of these presentations. In the context of automated manufacturing systems, the various levels of the automation pyramid and the importance of control systems are also outlined. Finally, the volume deals with the engineering of machines and plants. The German Machine Tools and Production Systems Compendium has been completely revised. The previous five-volume series has been condensed into three volumes in the new ninth edition with colored technical illustrations throughout. This first English edition is a translation of the German ninth edition.

Global Logistics Springer Science & Business Media

This comprehensive overview of 61850 standard/protocol focuses on implementation, taking the reader through the development and concepts of IEC 61850. This includes the initial work by General Motors (Manufacturing Automation Protocol), EPRI (UCA 1.0 and UCA 2.0), IEEE (TR 1550), and IEC 61850. The standard is a significant piece of many IIoT (industrial internet of things) strategies for substation communication. The book discusses and documents the basic research and theory of guaranteed multicast done for IEC 61850 GOOSE as well as the shift from variable technology to object oriented technology. The layering principles, as well as the structure, of IEC 61850 are discussed in detail as well as the actual communication profiles that have been created to support substation/distribution automation, distributed energy resources, and synchrophasors. Real applications will be discussed as well as the future direction of the standard. The author is a technical co-editor of IEC 61850 standard and a leader in US implementations, having been involved with the technology from its inception.

Self-Awareness von F ü hrungskr ä ften: Messung und individuelle Unterschiede in einem 360-Grad-Feedback Packt Publishing Ltd

"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."

The MIDI Manual Springer Science & Business Media

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.

LogixPro PLC Lab Manual for Use with Programmable Logic Controllers Artech House

The comprehensive reference on MIDI, fully revised and updated.

Internet of Things for Architects Academic Press

Plant Flow Measurement and Control Handbook is a comprehensive reference source for practicing engineers in the field of instrumentation and controls. It covers many practical topics, such as installation, maintenance and potential issues, giving an overview of available techniques, along with recommendations for application. In addition, it covers available flow sensors, such as automation and control. The author brings his 35 years of experience in working in instrumentation and control within the industry to this title with a focus on fluid flow measurement, its importance in plant design and the appropriate control of processes. The book provides a good balance between practical issues and theory and is fully supported with industry case studies and a high level of illustrations to assist learning. It is unique in its coverage of multiphase flow, solid flow, process connection to the plant, flow computation and control. Readers will not only further understand design, but they will also further comprehend integration tactics that can be applied to the plant through a step-by-step design process that goes from installation to operation. Provides specification sheets, engineering drawings, calibration procedures and installation practices for each type of measurement Presents the correct flow meter that is suitable for a particular application Includes a selection table and step-by-step guide to help users make the best decision Cover examples and applications from engineering practice that will aid in understanding and application

Surgery Bloomsbury Publishing

Logistics is the ideal book for Bachelor students of logistics, providing a solid foundation as well as a practical guide. In modular and clear form, it explains key concepts, principles, and practices of logistics. Learning objectives as well as several case studies are integrated into each chapter. It features chapters on Principles of Logistics; Logistics Systems; Transport Systems and Logistics Services; Warehousing, Handling and Picking Systems; Inventory, Stock and Provisioning Management; Logistics Network Planning; IT in Logistics; and Logistics Controlling. In addition, the second fully updated German edition has been extended by the chapters Logistics Infrastructure and Investment and Financing in Logistics. " This book offers, in a very clear and concise manner, access to fundamental management topics of modern logistics. Well-chosen case studies serve to illustrate best practice solutions. " Professor Peter Klaus, member of Logistics Hall of Fame " This new textbook facilitates a comprehensive and easy-to-grasp insight into the complex subject area of logistics. The authors have succeeded in presenting a good mix of theoretical foundation and practical application. Due to its clear structure and extensive range of topics, this book is highly suitable not only for students, but also for practitioners. " Bernhard Simon, Managing Director, DACHSER GmbH & Co. KG

Instrument Engineers' Handbook, Volume 3 University of California, Office for History of Science & Technology

Discover Automation Anywhere best practices and strategies for building scalable automation solutions for your organization Key FeaturesBuild RPA robots using the latest features of cloud-based Automation Anywhere A2019Explore real-world scenarios with AA A2019 to understand the wide range of capabilities available for your RPA projectsBuild complete software robots to automate business processes with the help of step-by-step walkthroughsBook Description With an increase in the number of organizations deploying RPA solutions, Robotic Process Automation (RPA) is quickly becoming the most desired skill set for both developers starting their career and seasoned professionals. This book will show you how to use Automation Anywhere A2019, one of the leading platforms used widely for RPA. Starting with an introduction to RPA and Automation Anywhere, the book will guide you through the registration, installation, and configuration of the Bot agent and Control Room. With the help of easy-to-follow instructions, you'll build your first bot and discover how you can automate tasks with Excel, Word, emails, XML, and PDF files. You'll learn from practical examples based on real-world business scenarios, and gain insights into building more robust and resilient bots, executing external scripts such as VBScripts and Python, and adding error handling routines. By the end of this RPA book, you'll have

developed the skills required to install and configure an RPA platform confidently and have a solid understanding of how to build complex and robust, yet performant, bots. What you will learn

Explore effective techniques for installing and configuring an Automation Anywhere A2019 platform

Build software robots to automate tasks and simplify complex business processes

Design resilient bots that are modular and reusable

Understand how to add error handling functionality and discover troubleshooting techniques

Design bots to automate tasks in Excel, Word, emails, XML, and PDF files

Implement effective automation strategies using RPA best practices

Who this book is for

This Automation Anywhere RPA book is for automation engineers, RPA professionals, and automation consultants who are looking to explore the capabilities of Automation Anywhere for building intelligent automation strategy for enterprises. A solid understanding of programming concepts and exposure to the Automation Anywhere platform is necessary to get started with this book.

Man-made Vitreous Fibres Prentice Hall

Practical approach to software measurement Contains hands-on industry experiences

Applied Electrostatic Precipitation Hogrefe AG

Many industrial, power generation and chemical processes produce unwanted fine particulate material as a consequence of their operation. Electrostatic precipitation is a highly efficient method of removing entrained particulate contaminants from exhaust gases and is extensively used in these industries to limit particulate emissions. New legislation aimed at improving the environment by further limiting these discharges has resulted in the technique undergoing considerable development over the past decade, to the point where it has become the method of choice, over a wide range of applications, for limiting particulate discharges. In this new book, the editor has brought together an international team of contributors, mainly industrialists and consultants, to produce an authoritative and practical guide to electrostatic precipitation. This book is of interest to all those in process industries or power generation and to academics concerned with gas cleaning and environmental issues.

Parking Generation Manual CRC Press

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.

CAN System Engineering Hogrefe Verlag GmbH & Company KG

This volume of the series ARENA2036 compiles the outcomes of the first Stuttgart Conference on Automotive Production (SCAP2020). It contains peer-reviewed contributions from a theoretical as well as practical vantage point and is topically structured according to the following four sections: It discusses (I) Novel Approaches for Efficient Production and Assembly Planning, (II) Smart Production Systems and Data Services, (III) Advances in Manufacturing Processes and Materials, and (IV) New Concepts for Autonomous, Collaborative Intralogistics. Given the restrictive circumstances of 2020, the conference was held as a fully digital event divided into two parts. It opened with a pre-week, allowing everyone to peruse the scientific contributions at their own pace, followed by a two-day live event that enabled experts from the sciences and the

industry to engage in various discussions. The conference has proven itself as an insightful forum that allowed for an expertly exchange regarding the pivotal Advances in Automotive Production and Technology.

Best Practices in Software Measurement Springer Nature

COMPREHENSIVE COVERAGE OF SHADERS AND THE PROGRAMMABLE PIPELINE

From geometric primitives to animation to 3D modeling to lighting, shading and texturing, Computer Graphics Through OpenGL®: From Theory to Experiments is a comprehensive introduction to computer graphics which uses an active learning style to teach key concepts. Equally emphasizing theory and practice, the book provides an understanding not only of the principles of 3D computer graphics, but also the use of the OpenGL® Application Programming Interface (API) to code 3D scenes and animation, including games and movies. The undergraduate core of the book takes the student from zero knowledge of computer graphics to a mastery of the fundamental concepts with the ability to code applications using fourth-generation OpenGL®. The remaining chapters explore more advanced topics, including the structure of curves and surfaces, applications of projective spaces and transformations and the implementation of graphics pipelines. This book can be used for introductory undergraduate computer graphics courses over one to two semesters. The careful exposition style attempting to explain each concept in the simplest terms possible should appeal to the self-study student as well. Features

- Covers the foundations of 3D computer graphics, including animation, visual techniques and 3D modeling
- Comprehensive coverage of OpenGL® 4.x, including the GLSL and vertex, fragment, tessellation and geometry shaders
- Includes 180 programs with 270 experiments based on them
- Contains 750 exercises, 110 worked examples, and 700 four-color illustrations
- Requires no previous knowledge of computer graphics
- Balances theory with programming practice using a hands-on interactive approach to explain the underlying concepts

Handbook of Essential Oils Springer Science & Business Media

Chemical sensors are in high demand for applications as varied as water pollution detection, medical diagnostics, and battlefield air analysis. Designing the next generation of sensors requires an interdisciplinary approach. The book provides a critical analysis of new opportunities in sensor materials research that have been opened up with the use of combinatorial and high-throughput technologies, with emphasis on experimental techniques. For a view of component selection with a more computational perspective, readers may refer to the complementary volume of Integrated Analytical Systems edited by M. Ryan et al., entitled “ Computational Methods for Sensor Material Selection ” .

Construction Scheduling McGraw-Hill Education

The field of logistics continues to develop at a remarkable pace. Until recently, logistics was barely considered in long-term plans, but its strategic role is now recognised and lies at the heart of long-term plans in almost every business. Reasons for this change include: communications and information technology offer new opportunities; world trade grows; competition forces operations to adopt new practices and become evermore efficient; and the concern for the environment increases. Add to this the increased emphasis on consumer satisfaction, flexible operations and time compression, and it's clear that getting logistics right is important. This 7th edition of Global Logistics, edited by Stephen Rinsler and Donald Waters, has been thoroughly revised and updated to reflect the latest trends, best practices, and cutting-edge thinking on global logistics. It provides guidance on important topics, including agile supply chains, IT, sustainability and performance management, collaboration, outsourcing and humanitarian logistics. This edition of Global Logistics provides new chapters on supply chain trends and strategies, fulfilling customer needs, and supply chain vulnerability. There are also dedicated new chapters on China and Central and Eastern Europe to assess developments across the globe. This edition

serves as a forum for acknowledged sector specialists to discuss key logistics issues and share their authoritative views. The new edition introduces new contributors, including leading thinkers from international universities and businesses. Global Logistics is an invaluable source of guidance and practical advice for students, managers and practitioners, who will find it an essential text that also includes online resources. Online resources available include a student manual with key learning outcomes for each chapter.