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What are the Things We Want to Know in Pc? John Wiley & Sons
This book presents the outcomes of the Intelligent Communication Technologies and Virtual Mobile Networks Conference (ICICV 2019) held in Tirunelveli, India, on February 14-15, 2019. It presents the state of the art in the field, identifying emerging research topics and communication technologies and defining the future of intelligent communication approaches and virtual computing. In light of the tremendous growth ICT, it examines the rapid developments in virtual reality in communication technology and high-quality services in mobile networks, including the integration of virtual mobile computing and communication technologies, which permits new technologies based on the resources and services of computational intelligence, big data analytics, Internet of Things (IoT), 5G technology, automation systems, sensor networks, augmented reality, data mining, and vehicular ad hoc networks with massive cloud-based backend. These services have a significant impact on all areas of daily life, like transportation, e-commerce, health care, secure communication, location detection, smart home, smart city, social networks and many more.

[Digital Marketing Expert Diploma \(Master 's level\) - City of London College of Economics - 10 months - 100% online / self-paced](#) Lulu.com

This is an open access title available under the terms of a CC BY-NC-ND 4.0 International licence. It is free to read at Oxford Scholarship Online and offered as a free PDF download from OUP and selected open access locations. Why did such highly abstract ideas as truth, knowledge, or justice become so important to us? What was the point of coming to think in these terms? In *The Practical Origins of Ideas* Matthieu Queloz presents a philosophical method designed to answer such questions: the method of pragmatic genealogy. Pragmatic genealogies are partly fictional, partly historical narratives exploring what might have driven us to develop certain ideas in order to discover what these do for us. The book uncovers an under-appreciated tradition of pragmatic genealogy which cuts across the analytic-continental divide, running from the state-of-nature stories of David Hume and the early genealogies of Friedrich Nietzsche to recent work in analytic philosophy by Edward Craig, Bernard Williams, and Miranda Fricker. However, these genealogies combine fictionalizing and historicizing in ways that even philosophers sympathetic to the use of state-of-nature fictions or real history have found puzzling. To make sense of why both fictionalizing and historicizing are called for, this book offers a systematic account of pragmatic genealogies as dynamic models serving to reverse-engineer the points of ideas in relation not only to near-universal human needs, but also to socio-historically situated needs. This allows the method to offer us explanation without reduction and to help us understand what led our ideas to shed the traces of their practical origins. Far from being normatively inert, moreover, pragmatic genealogy can affect the space of reasons, guiding attempts to improve our conceptual repertoire by helping us determine whether and when our ideas are worth having.

Semiconductor Physics and Devices Springer Science & Business Media
Overview In this course you will learn all you need to know to become a Digital Marketing Expert. As you surely know, Digital Marketing Specialists are in high demand and well paid. Content - Digital Marketing Strategy - Market Research - Crowdsourcing - Web Development and Design - Writing for the Web - Mobile Development - Email Marketing - Online Advertising - Affiliate Marketing - Search Engine Marketing - Search Engine Optimisation - PPC Advertising - And much more
Duration 10 months
Assessment The assessment will take place on the basis of one assignment at the end of the course. Tell us when you feel ready to take the exam and we'll send you the assignment questions. Study material The study material will be provided in separate files by email / download link.

Utilizing Blockchain Technologies in Manufacturing and Logistics Management Pearson Education India

Engineering Metrology and Measurements is a textbook designed for students of mechanical, production and allied disciplines to facilitate learning of various shop-floor measurement techniques and also understand the basics of mechanical measurements.

Digital Signal Processing Implementations Springer Science & Business Media

A comprehensive overview and summary of recent achievements and the latest trends in bioinspired thermal materials. Following an introduction to different thermal materials and their effective heat transfer to other materials, the text discusses heat detection materials that are inspired by biological systems, such as fire beetles and butterflies. There then follow descriptions of materials with thermal management functionality, including those for evaporation and condensation, heat transfer and thermal insulation materials, as modeled on snake skins, polar bears and fire-resistant trees. A discussion of thermoresponsive materials with thermally switchable surfaces and controllable nanochannels as well as those with high thermal conductivity and piezoelectric sensors is rounded off by a look toward future trends in the bioinspired engineering of thermal materials. Straightforward and well structured, this is an essential reference for newcomers as well as experienced researchers in this exciting field.

Modern Fuzzy Control Systems and Its Applications Business Science Reference

"Whether you are an engineering student or an engineer already engaged in system design, this current book will become your essential companion - guiding you in using both hardware and software as you design systems with programmable DSP devices."--Jacket.

Cloud Computing Springer

Publisher Description

Advances in Big Data Analytics Oxford University Press

Black & white print. Principles of Management is designed to meet the scope and sequence requirements of the introductory course on management. This is a traditional approach to management using the leading, planning, organizing, and controlling approach. Management is a broad business discipline, and the Principles of Management course covers many management areas such as human resource management and strategic management, as well as behavioral areas such as motivation. No one individual can be an expert in all areas of management, so an additional benefit of this text is that specialists in a variety of areas have authored individual chapters.

Smart Cities OUP India

This book explores the pivotal role played by technology over the past decade in advancing global public health and health care. At present, the global community faces unprecedented healthcare challenges fueled by an aging population, rising rates of chronic disease, and persistent health disparities. New technologies and advancements have the potential to extend the reach of health professionals while improving quality and efficiency of service delivery and reducing costs within the public and the private health systems. The chapters highlight the barriers faced by the global healthcare workforce in using technology to promote health and human rights of communities:

Role of Digital Health, mHealth, and Low-Cost Technologies in Advancing Universal Health Coverage in Emerging Economies
Telehealth and Homecare Agencies
Technology and the Practice of Health Education in Conflict Zones
The Worldwide Digital Divide and Access to Healthcare
Technology for Creating Better Professional Teams to Strengthen Healthcare Systems
Global Public Health Disaster Management and Technology
As a resource on the evolution of technology as a valuable and integral component in the promotion and practice of public health and health care, with a focus on SDG 3 targets, Technology and Global Public Health should engage students, instructors, practitioners, and other professionals interested in public health, universal health care, health technology, digital health, and health equity. Dr. Murthy has been a respected leader and mentor on scientific health-related matters within the UN system for many years. Her book develops a theoretical system connecting concepts that have coined global public health with the rapid development of technology, all with the focus to achieve Sustainable Development Goal number three, within the time frame set by World Leaders. - Henry L. Mac-Donald, Former Permanent Representative of Suriname to the United Nations

Strengthening Forensic Science in the United States Pearson Education

Scores of talented and dedicated people serve the forensic science community, performing vitally important work.

However, they are often constrained by lack of adequate resources, sound policies, and national support. It is clear that change and advancements, both systematic and scientific, are needed in a number of forensic science disciplines to ensure the reliability of work, establish enforceable standards, and promote best practices with consistent application. Strengthening Forensic Science in the United States: A Path Forward provides a detailed plan for addressing these needs and suggests the creation of a new government entity, the National Institute of Forensic Science, to establish and enforce standards within the forensic science community. The benefits of improving and regulating the forensic science disciplines are clear: assisting law enforcement officials, enhancing homeland security, and reducing the risk of wrongful conviction and exoneration. Strengthening Forensic Science in the United States gives a full account of what is needed to advance the forensic science disciplines, including upgrading of systems and organizational structures, better training, widespread adoption of uniform and enforceable best practices, and mandatory certification and accreditation programs. While this book provides an essential call-to-action for congress and policy makers, it also serves as a vital tool for law enforcement agencies, criminal prosecutors and attorneys, and forensic science educators.

Software Testing Springer

The fundamental mathematical tools needed to understand machine learning include linear algebra, analytic geometry, matrix decompositions, vector calculus, optimization, probability and statistics. These topics are traditionally taught in disparate courses, making it hard for data science or computer science students, or professionals, to efficiently learn the mathematics. This self-contained textbook bridges the gap between mathematical and machine learning texts, introducing the mathematical concepts with a minimum of prerequisites. It uses these concepts to derive four central machine learning methods: linear regression, principal component analysis, Gaussian mixture models and support vector machines. For students and others with a mathematical background, these derivations provide a starting point to machine learning texts. For those learning the mathematics for the first time, the methods help build intuition and practical experience with applying mathematical concepts. Every chapter includes worked examples and exercises to test understanding. Programming tutorials are offered on the book's web site.

The Hierarchy of Energy in Architecture Springer

What is SAP Business Planning and Consolidation (SAP BPC)? What can it do to improve your workflow? Find the answers to these questions and more with this complete overview of SAP BPC for NetWeaver. Updated for 10.1, this fourth edition offers a look into planning, budgeting, forecasting, and consolidation, as well as the basics in object modeling. From loading and managing data to reporting and analysis options, discover how to maximize SAP BPC's potential to improve your planning processes 1.Reporting and Analysis From entering data using input templates to analyzing data using both standard and embedded models, learn about the reporting and analysis tools available with SAP BPC. 2.SAP BPC on SAP HANA Discover the speed and processing capabilities of SAP BPC's integration with SAP BW on SAP HANA for the embedded planning model. 3. Real-World Application Reference this guide's practical case study, and see how deploying SAP BPC for NetWeaver can increase efficiency and create an improved planning system. Highlights: SAP BPC 10.1 for NetWeaver SAP BW on SAP HANA SAP Enterprise Performance Management add-in Reporting, planning, and analysis Loading, scheduling, and managing data Consolidation Standard planning model Embedded planning model Business logic and processes Process management and collaboration Nature-Inspired Algorithms and Applications Princeton University Press

An introduction to computational complexity theory, its connections and interactions with mathematics, and its central role in the natural and social sciences, technology, and philosophy Mathematics and Computation provides a broad, conceptual overview of computational complexity theory—the mathematical study of efficient computation. With important practical applications to computer science and industry, computational complexity theory has evolved into a highly interdisciplinary field, with strong links to most mathematical areas and to a growing number of scientific endeavors. Avi Wigderson takes a sweeping survey of complexity theory, emphasizing the field 's insights and challenges. He explains the ideas and motivations leading to key models, notions, and results. In particular, he looks at algorithms and complexity, computations and proofs, randomness and interaction, quantum and arithmetic computation, and cryptography and learning, all as parts of a cohesive whole with numerous cross-influences. Wigderson illustrates the immense breadth of the field, its beauty and richness, and its diverse and growing interactions with other areas of mathematics. He ends with a comprehensive look at the theory of computation, its methodology and aspirations, and the unique and fundamental ways in which it has shaped and will further shape science, technology, and society. For further reading, an extensive bibliography is provided for all topics covered. Mathematics and Computation is useful for undergraduate and graduate students in mathematics, computer science, and related fields, as well as researchers and teachers in these fields. Many parts require little background, and serve as an invitation to newcomers seeking an introduction to the theory of computation. Comprehensive coverage of computational complexity theory, and beyond High-level, intuitive exposition, which brings conceptual clarity to this central and dynamic scientific discipline Historical accounts of the evolution and motivations of central concepts and models A broad view of the theory of computation's influence on science, technology, and society Extensive bibliography

A DIY Guide to Telemedicine for Clinicians John Wiley & Sons

Control systems play an important role in engineering. Fuzzy logic is the natural choice for designing control

applications and is the most popular and appropriate for the control of home and industrial appliances. Academic and industrial experts are constantly researching and proposing innovative and effective fuzzy control systems. This book is an edited volume and has 21 innovative chapters arranged into five sections covering applications of fuzzy control systems in energy and power systems, navigation systems, imaging, and industrial engineering. Overall, this book provides a rich set of modern fuzzy control systems and their applications and will be a useful resource for the graduate students, researchers, and practicing engineers in the field of electrical engineering.

Engineering Economy Springer Nature

Neural Engineering, 2nd Edition, contains reviews and discussions of contemporary and relevant topics by leading investigators in the field. It is intended to serve as a textbook at the graduate and advanced undergraduate level in a bioengineering curriculum. This principles and applications approach to neural engineering is essential reading for all academics, biomedical engineers, neuroscientists, neurophysiologists, and industry professionals wishing to take advantage of the latest and greatest in this emerging field.

Proceedings of the Annual International Conference of the IEEE Engineering in Medicine and Biology Society 2017 Worldcomp International C

This text aims to provide the fundamentals necessary to understand semiconductor device characteristics, operations and limitations. Quantum mechanics and quantum theory are explored, and this background helps give students a deeper understanding of the essentials of physics and semiconductors.

Engineering Optimization Thomson Brooks/Cole

Industrial internet of things (IIoT) is changing the face of industry by completely redefining the way stakeholders, enterprises, and machines connect and interact with each other in the industrial digital ecosystem. Smart and connected factories, in which all the machinery transmits real-time data, enable industrial data analytics for improving operational efficiency, productivity, and industrial processes, thus creating new business opportunities, asset utilization, and connected services. IIoT leads factories to step out of legacy environments and arcane processes towards open digital industrial ecosystems. Innovations in the Industrial Internet of Things (IIoT) and Smart Factory is a pivotal reference source that discusses the development of models and algorithms for predictive control of industrial operations and focuses on optimization of industrial operational efficiency, rationalization, automation, and maintenance. While highlighting topics such as artificial intelligence, cyber security, and data collection, this book is ideally designed for engineers, manufacturers, industrialists, managers, IT consultants, practitioners, students, researchers, and industrial industry professionals.

Proceedings of the Annual International Conference of the IEEE Engineering in Medicine and Biology Society PHI Learning Pvt. Ltd.

This Current Affairs Monthly Capsule December 2021 E-book will help you understand in detail exam-related important news including National & International Affairs, Defence, Sports, Person in News, MoU & Agreements, S&T, Awards & Honours, Books etc.

Cyber-Physical Systems in the Built Environment IGI Global

This book describes cloud computing as a service that is "highly scalable" and operates in "a resilient environment". The authors emphasize architectural layers and models - but also business and security factors.

SAP Business Planning and Consolidation National Academies Press

This book offers a comprehensive review of the latest advances in developing functional electrospun nanofibers for energy and environmental applications, which include fuel cells, lithium-ion batteries, solar cells, supercapacitors, energy storage materials, sensors, filtration materials, protective clothing, catalysis, structurally-colored fibers, oil spill cleanup, self-cleaning materials, adsorbents, and electromagnetic shielding. This book is aimed at both newcomers and experienced researchers in the field of nanomaterials, especially those who are interested in addressing energy-related and environmental problems with the help of electrospun nanofibers.

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