Fysik Nanoteknologi Aau

Japanese Journal of Applied PhysicsMathematics and WarLinear Time PlayingOversigt over selskabets virksomhedDigital Optical Measurement Techniques and ApplicationsThe Experience EconomyHandbook of Laboratory Animal ScienceMLA International BibliographyCassius Dio"Art, Technology and Nature "Special Functions & Their ApplicationsA Course in Error-correcting CodesPEM Water Electrolysis97 Things Every Scrum Practitioner Should KnowBecoming a Mathematics TeacherThe CIA World Factbook 2010Urbanization and Regional DevelopmentHigh Temperature Polymer Electrolyte Membrane Fuel CellsBig BIM, Little BimBioenergy and BiofuelsNano-Structures for Optics and PhotonicsThe 3rd International Salford Centre for Research and Innovation (SCRI) Research SymposiumRenewable Heating and CoolingJava CookbookArchitecture and ModernityThe Nag Hammadi Texts in the History of ReligionsJulius Thomsen. A Life in Chemistry and BeyondA Hybrid ImaginationInternational Science Programme in Sri Lanka and ThailandAdvances in Nanophotonics IIGeneral Relativity and GravitationNetworking All-in-One For DummiesAristotle (384 BC-322 BC).Performance DesignPolymer Thin FilmsDesigning for Behavior ChangeIndirubin, the Red Shade of IndigoFrogsEngineering Index ThesaurusJJAP

Japanese Journal of Applied Physics

Mathematics and War

Famous Russian work discusses the application of cylinder functions and spherical harmonics; gamma function; probability integral and related functions; Airy functions; hyper-geometric functions; more. Translated by Richard Silverman.

Linear Time Playing

Provides access to citations of journal articles, books, and dissertations published on modern languages, literatures, folklore, and linguistics. Coverage is international and subjects include literature, language and linguistics, literary theory, dramatic arts, folklore, and film since 1963. Special features include the full text of the original article for some citations and a collection of images consisting of photographs, maps, and flags.

Oversigt over selskabets virksomhed

Renewable Heating and Cooling: Technologies and Applications presents the latest information on the generation of heat for industry and domestic purposes, an area where a significant proportion of total energy is consumed. In Europe, this figure is

estimated to be almost 50%, with the majority of heat generated by the consumption of fossil fuels. As there is a pressing need to increase the uptake of renewable heating and cooling (RHC) to reduce greenhouse gas emissions, this book provides a comprehensive and authoritative overview on the topic. Part One introduces key RHC technologies and discusses RHC in the context of global heating and cooling demand, featuring chapters on solar thermal process heat generation, deep geothermal energy, and solar cooling technologies. Part Two explores enabling technologies, special applications, and case studies with detailed coverage of thermal energy storage, hybrid systems, and renewable heating for RHC, along with case studies in China and Sweden. Users will find this book to be an essential resource for lead engineers and engineering consultants working on renewable heating and cooling in engineering companies, as well as academics and R&D professionals in private research institutes who have a particular interest in the subject matter. Includes coverage on biomass, solar thermal, and geothermal renewable heating and cooling technologies Features chapters on solar thermal process heat generation, deep geothermal energy, solar cooling technologies, and special applications Presents case studies with detailed coverage of thermal energy storage, hybrid systems, and renewable heating for RHC Explores enabling technologies and special applications

Digital Optical Measurement Techniques and Applications

Since 1900, the connections between art and technology with nature have become increasingly inextricable. Through a selection of innovative readings by international scholars, this book presents the first investigation of the intersections between art, technology and nature in post-medieval times. Transdisciplinary in approach, this volume?s 14 essays explore art, technology and nature?s shifting constellations that are discernible at the micro level and as part of a larger chronological pattern. Included are subjects ranging from Renaissance wooden dolls, science in the Italian art academies, and artisanal epistemologies in the followers of Leonardo, to Surrealism and its precursors in Mannerist grotesques and the Wunderkammer, eighteenth-century plant printing, the climate and its artistic presentations from Constable to Olafur Eliasson, and the hermeneutics of bioart. In their comprehensive introduction, editors Camilla Skovbjerg Paldam and Jacob Wamberg trace the Kantian heritage of radically separating art and technology, and inserting both at a distance to nature, suggesting this was a transient chapter in history. Thus, they argue, the present renegotiation between art, technology and nature is reminiscent of the ancient and medieval periods, in which art and technology were categorized as aspects of a common area of cultivated products and their methods (the Latin ars, the Greek techne), an area moreover supposed to imitate the creative forces of nature.

The Experience Economy

Provides information on such topics as politics, military expenditures, and economics, and shares comprehensive, country-by-country statistical and rate information.

Handbook of Laboratory Animal Science

MLA International Bibliography

Improve your understanding of Scrum through the proven experience and collected wisdom of experts around the world. Based on real-life experiences, the 97 essays in this unique book provide a wealth of knowledge and expertise from established practitioners who have dealt with specific problems and challenges with Scrum. You'll find out more about the rules and roles of this framework, as well as tactics, strategies, specific patterns to use with Scrum, and stories from the trenches. You'll also gain insights on how to apply, tune, and tweak Scrum for your work. This guide is an ideal resource for people new to Scrum and those who want to assess and improve their understanding of this framework. "Scrum Is Simple. Just Use It As Is.," Ken Schwaber "The 'Standing Meeting,'" Bob Warfield "Specialization Is for Insects," James O. Coplien "Scrum Events Are Rituals to Ensure Good Harvest," Jasper Lamers "Servant Leadership Starts from Within," Bob

Galen "Agile Is More than Sprinting," James W. Grenning

Cassius Dio

Polymer thin films is an emerging area driven by their enormous technological potential and the intellectually challenging academic problems associated with them. This book contains a collection of review articles on the current topics of polymer films written by leading experts in the field. To reflect the interdisciplinary nature of this field, the contributors hail from a wide range of disciplines, including chemists, chemical engineers, materials scientists, engineers, and physicists. The goal of this book is to provide readers, whether involved in or outside of the field of polymer films, with an encompassing and informative reference.

"Art, Technology and Nature "

They show how social and cultural movements, from the Renaissance of the late 15th century to the environmental and global justice movements of our time, have provided contexts, or sites, for mixing scientific knowledge and technical skills from different fields and social domains into new combinations, thus fostering what the authors term a "hybrid imagination." Such a hybrid imagination is especially important today, as a way to counter the competitive and commercial "hubris" that

is so much taken for granted in contemporary science and engineering discourses and practices with a sense of cooperation and social responsibility. The book portrays the history of science and technology as an underlying tension between hubris - literally the ambition to "play god" on the part of many a scientist and engineer and neglect the consequences - and a hybrid imagination, connecting scientific "facts" and technological "artifacts" with cultural understanding.^

Special Functions & Their Applications

This book is written as a text for a course aimed at advanced undergraduates. Chapters cover the codes and decoding methods that are currently of most interest in research, development, and application. They give a relatively brief presentation of the essential results, emphasizing the interrelations between different methods and proofs of all important results. A sequence of problems at the end of each chapter serves to review the results and give the student an appreciation of the concepts.

A Course in Error-correcting Codes

A new wave of products is helping people change their behavior and daily routines, whether it's exercising more (Jawbone Up), taking control of their finances

(HelloWallet), or organizing their email (Mailbox). This practical guide shows you how to design these types of products for users seeking to take action and achieve specific goals. Stephen Wendel, HelloWallet's head researcher, takes you step-by-step through the process of applying behavioral economics and psychology to the practical problems of product design and development. Using a combination of lean and agile development methods, you'll learn a simple iterative approach for identifying target users and behaviors, building the product, and gauging its effectiveness. Discover how to create easy-to-use products to help people make positive changes. Learn the three main strategies to help people change behavior Identify your target audience and the behaviors they seek to change Extract user stories and identify obstacles to behavior change Develop effective interface designs that are enjoyable to use Measure your product's impact and learn ways to improve it Use practical examples from products like Nest, Fitbit, and Opower

PEM Water Electrolysis

An introduction to linear time playing. The first section contains basic exercises for linear playing skills: voice coordination, dynamic balance, accenting, and more. The second section deals with the development of time feels in the linear style, including 4/4, half-time, shuffle, and odd meter feels.

97 Things Every Scrum Practitioner Should Know

Indian context.

Becoming a Mathematics Teacher

There has been an increasing interest in recent years in Nanophotonics. Nanophotonics is a very broad field, encompassing aspects from both a fundamental point of view and with regard to future applications in photonic devices and materials. The scope of the book is to introduce concept, methods, and applications in nanophotonics.

The CIA World Factbook 2010

Rev. ed. of: The experience economy: work is theatre & every business a stage. 1999.

Urbanization and Regional Development

High Temperature Polymer Electrolyte Membrane Fuel Cells

Big BIM, Little Bim

Bridges the gap between the history and theory of twentieth-century architecture and cultural theories of modernity. In this exploration of the relationship between modernity, dwelling, and architecture, Hilde Heynen attempts to bridge the gap between the discourse of the modern movement and cultural theories of modernity. On one hand, she discusses architecture from the perspective of critical theory, and on the other, she modifies positions within critical theory by linking them with architecture. She assesses architecture as a cultural field that structures daily life and that embodies major contradictions inherent in modernity, arguing that architecture nonetheless has a certain capacity to adopt a critical stance vis-à-vis modernity. Besides presenting a theoretical discussion of the relation between architecture, modernity, and dwelling, the book provides architectural students with an introduction to the discourse of critical theory. The subchapters on Walter Benjamin, Ernst Bloch, Theodor Adorno, and the Venice School (Tafuri, Dal Co, Cacciari) can be studied independently for this purpose.

Bioenergy and Biofuels

This book gathers together a group of international artists, architects,

scenographers, performers, and theorists to establish Performance Design as a fluid and emerging field, which explores the speculative and projective acts of designing performance and performing design. The theoretical essays and realised projects offer a lively and stimulating range of performative expressions across disciplines, where design artefacts -- objects, gestures, images, occasions and environments -- are aligned to performance through notions of embodiment, action and event. Performance Design is presented as an aesthetic practice that harnesses and orchestrates the dynamic forces of the lived world, as well as the participatory role of a co-creative audience, to provide a critical tool for reflecting, confronting and realigning worldviews.

Nano-Structures for Optics and Photonics

Mathematics has for centuries been stimulated, financed and credited by military purposes. Some mathematical thoughts and mathematical technology have also been vital in war. During World War II mathematical work by the Anti-Hitler coalition was part of an aspiration to serve humanity and not help destroy it. At present, it is not an easy task to view the bellicose potentials of mathematics in a proper perspective. The book presents historical evidence and recent changes in the interaction between mathematics and the military. It discusses the new mathematically enhanced development of military technology which seems to have changed the very character of modern warfare.

The 3rd International Salford Centre for Research and Innovation (SCRI) Research Symposium

This new resource explains the principles and applications of today's digital optical measurement techniques. From start to finish, each chapter provides a concise introduction to the concepts and principles of digital optical metrology, followed by a detailed presentation of their applications. The development of all these topics, including their numerous methods, principles, and applications, has been illustrated using a large number of easy-to-understand figures. This book aims to not only help the reader identify the appropriate techniques in function of the measurement requirements, but also assess modern digital measurement systems.

Renewable Heating and Cooling

The book is centered on how major curriculum reform shapes mathematics and the professional practices of teachers. This book documents in real time the implementation of a major government numeracy programme and its receipt by trainee and new teachers. It documents the complete life span of that initiative. The account is targeted at an international readership in terms of how curriculum reform more generally shapes mathematics in schools and the practices of teachers. A key dimension of the book is an alternative view of mathematics

education research in which the task of teacher development is understood at policy level where large numbers of teachers were interviewed to assess how policies were being processed through individuals. The book provides an easy and accessible commentary utilising contemporary theory to describe how such teachers reconcile their personal aspirations with the external demands they encounter in negotiating their identities as professional teachers.

Java Cookbook

Volumes for 1877- include Beretning fra Carlsbergfondet (varies) for 1877- (Beretning for 1940/1941- issued as a separately paged pt. 2 of the Oversigt).

Architecture and Modernity

The Nag Hammadi Texts in the History of Religions

This volume offers an introduction to the life and work of the 3rd-century-AD Greco-Roman senator and historian Cassius Dio, whose work, although imperfectly preserved in 80 books, is of fundamental importance to our understanding of Roman history. It is said that Dio is not one of the best ancient historians and his

Roman history, due to its sheer size, is often imprecise and superficial in its analysis. It has also been assumed that there was no political agenda behind the work, and that Dio's principal value to us is as a reliable copyist, who mediated the works of other, and better sources. This introduction to his life and work offers a different picture. Here, Dio is presented through his Greek cultural lens as a politician with a clear vision for how Roman politics and government should be organized. Carefully selected examples will be the starting points for fresh critical analysis of Dio's work and its legacy, both in antiquity and through to the Enlightenment. The book assumes no familiarity with Cassius Dio, his writing or context. All text will be translated and suggested further reading will point readers towards avenues for more detailed study.

Julius Thomsen. A Life in Chemistry and Beyond

"Christina Moore uses her talent for storytelling to create a more narrative-like tale.An attractive offering for listening centers and for young children interested in nature and science." -School Library Journal

A Hybrid Imagination

International Science Programme in Sri Lanka and Thailand

Java continues to grow and evolve, and this cookbook continues to evolve in tandem. With this guide, you'll get up to speed right away with hundreds of hands-on recipes across a broad range of Java topics. You'll learn useful techniques for everything from string handling and functional programming to network communication. Each recipe includes self-contained code solutions that you can freely use, along with a discussion of how and why they work. If you're familiar with Java basics, this cookbook will bolster your knowledge of the language and its many recent changes, including how to apply them in your day-to-day development. This updated edition covers changes through Java 12 and parts of 13 and 14. Recipes include: Methods for compiling, running, and debugging Packaging Java classes and building applications Manipulating, comparing, and rearranging text Regular expressions for string and pattern matching Handling numbers, dates, and times Structuring data with collections, arrays, and other types Object-oriented and functional programming techniques Input/output, directory, and filesystem operations Network programming on both client and server Processing JSON for data interchange Multithreading and concurrency Using Java in big data applications Interfacing Java with other languages

Advances in Nanophotonics II

PEM Water Electrolysis, a volume in the Hydrogen Energy and Fuel Cell Primers series presents the most recent advances in the field. It brings together information that has thus far been scattered in many different sources under one single title, making it a useful reference for industry professionals, researchers and graduate students. Volumes One and Two allow readers to identify technology gaps for commercially viable PEM electrolysis systems for energy applications and examine the fundamentals of PEM electrolysis and selected research topics that are top of mind for the academic and industry community, such as gas cross-over and AST protocols. The book lays the foundation for the exploration of the current industrial trends for PEM electrolysis, such as power to gas application and a strong focus on the current trends in the application of PEM electrolysis associated with energy storage. Presents the fundamentals and most current knowledge in proton exchange membrane water electrolyzers Explores the technology gaps and challenges for commercial deployment of PEM water electrolysis technologies Includes unconventional systems, such as ozone generators Brings together information from many different sources under one single title, making it a useful reference for industry professionals, researchers and graduate students alike

General Relativity and Gravitation

This book aims to inform readers about the recent developments in bioenergy and biofuels covering current issues from an interdisciplinary approach. It will also

feature coverage of anticipated future trends related to each particular biofuel. Chapters will consist of original research presented by world class experts in their respective fields. A number of interdisciplinary areas will be incorporated such as Energy & Fuels, Biotechology, Genomics, Economics, Optimization, Chemical Engineering, Mechanical Engineering and Algae Science. Examples will relate to a matrix of biofuel and energy types such as bioethanol, biobutanol, and biomethane.

Networking All-in-One For Dummies

This book is a comprehensive review of high-temperature polymer electrolyte membrane fuel cells (PEMFCs). PEMFCs are the preferred fuel cells for a variety of applications such as automobiles, cogeneration of heat and power units, emergency power and portable electronics. The first 5 chapters of the book describe rationalization and illustration of approaches to high temperature PEM systems. Chapters 6 - 13 are devoted to fabrication, optimization and characterization of phosphoric acid-doped polybenzimidazole membranes, the very first electrolyte system that has demonstrated the concept of and motivated extensive research activity in the field. The last 11 chapters summarize the state-of-the-art of technological development of high temperature-PEMFCs based on acid doped PBI membranes including catalysts, electrodes, MEAs, bipolar plates, modelling, stacking, diagnostics and applications.

Aristotle (384 BC-322 BC).

Performance Design

Polymer Thin Films

Becoming a master of networking has never been easier Whether you're in charge of a small network or a large network, Networking All-in-One is full of the information you'll need to set up a network and keep it functioning. Fully updated to capture the latest Windows 10 releases through Spring 2018, this is the comprehensive guide to setting up, managing, and securing a successful network. Inside, nine minibooks cover essential, up-to-date information for networking in systems such as Windows 10 and Linux, as well as best practices for security, mobile and cloud-based networking, and much more. Serves as a single source for the most-often needed network administration information Covers the latest trends in networking Get nine detailed and easy-to-understand networking minibooks in one affordable package Networking All-in-One For Dummies is the perfect beginner's guide as well as the professional's ideal reference book.

Designing for Behavior Change

Indirubin, the Red Shade of Indigo

Based on twenty years of successful integrated projects, this book shows how to leverage resources, compete in a worldwide market, and become more efficient and productive in the planning, design, construction and operation of facilities.

Frogs

The contributions in this volume were presented at a NATO Advanced Study Institute held in Erice, Italy, 4-19 July 2013. Many aspects of important research into nanophotonics, plasmonics, semiconductor materials and devices, instrumentation for bio sensing to name just a few, are covered in depth in this volume. The growing connection between optics and electronics, due to the increasing important role plaid by semiconductor materials and devices, find their expression in the term photonics, which also reflects the importance of the photon aspect of light in the description of the performance of several optical systems. Nano-structures have unique capabilities that allow the enhanced performance of processes of interest in optical and photonic devices. In particular these structures

permit the nanoscale manipulation of photons, electrons and atoms; they represent a very hot topic of research and are relevant to many devices and applications. The various subjects bridge over the disciplines of physics, biology and chemistry, making this volume of interest to people working in these fields. The emphasis is on the principles behind each technique and on examining the full potential of each technique.

Engineering Index Thesaurus

The second edition of an international bestseller, this book provides veterinary specialists as well as veterinary and biomedical researchers with detailed information about laboratory animal genetics, diseases, health monitoring, nutrition, and environmental impact on animal experiments. Completely revised and updated, Volume I now contains expand

JJAP

Explore spectacular advances in contemporary physics with this unique celebration of the centennial of Einstein's discovery of general relativity.

ROMANCE ACTION & ADVENTURE MYSTERY & THRILLER BIOGRAPHIES & HISTORY CHILDREN'S YOUNG ADULT FANTASY HISTORICAL FICTION HORROR LITERARY FICTION NON-FICTION SCIENCE FICTION