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Structural Information and Communication Complexity - Giuseppe Prencipe 2007-07-02
This book constitutes the refereed proceedings of the 14th International Colloquium on Structural Information and Communication Complexity, SIROCCO 2007, held in Castiglioncello, Italy in June 2007. The 23 revised full papers and four invited talks cover graph exploration, fault tolerance, distributed algorithms and data structures, location problems, wireless networks, fault tolerance, as well as parallel computing and selfish routing.
Asteroids IV - Patrick Michel 2015-12-31
"More than forty chapters detail our current astronomical, compositional, geological, and geophysical knowledge of asteroids, as well as their unique physical processes and interrelationships with comets and meteorites"--Provided by publisher.
Advances in Knowledge Discovery and Data Mining - David Cheung 2001-04-04
This book constitutes the refereed proceedings of the 5th Pacific-Asia Conference on Knowledge Discovery and Data Mining, PAKDD 2001,

held in Hong Kong, China in April 2001. The 38 revised full papers and 22 short papers presented were carefully reviewed and selected from a total of 152 submissions. The book offers topical sections on Web mining, text mining, applications and tools, concept hierarchies, feature selection, interestingness, sequence mining, spatial and temporal mining, association mining, classification and rule induction, clustering, and advanced topics and new methods.
The Role of Synaptic Tagging and Capture for Memory Dynamics in Spiking Neural Networks - Jannik Luboeinski 2021-09-02
Memory serves to process and store information about experiences such that this information can be used in future situations. The transfer from transient storage into long-term memory, which retains information for hours, days, and even years, is called consolidation. In brains, information is primarily stored via alteration of synapses, so-called synaptic plasticity. While these changes are at first in a transient early phase, they can be transferred to a late phase, meaning that they become stabilized over the course of several hours. This stabilization has been explained by so-called synaptic tagging and capture (STC) mechanisms.

To store and recall memory representations, emergent dynamics arise from the synaptic structure of recurrent networks of neurons. This happens through so-called cell assemblies, which feature particularly strong synapses. It has been proposed that the stabilization of such cell assemblies by STC corresponds to so-called synaptic consolidation, which is observed in humans and other animals in the first hours after acquiring a new memory. The exact connection between the physiological mechanisms of STC and memory consolidation remains, however, unclear. It is equally unknown which influence STC mechanisms exert on further cognitive functions that guide behavior. On timescales of minutes to hours (that means, the timescales of STC) such functions include memory improvement, modification of memories, interference and enhancement of similar memories, and transient priming of certain memories. Thus, diverse memory dynamics may be linked to STC, which can be investigated by employing theoretical methods based on experimental data from the neuronal and the behavioral level. In this thesis, we present a theoretical model of STC-based memory consolidation in recurrent networks of spiking neurons, which are particularly suited to reproduce biologically realistic dynamics. Furthermore, we combine the STC mechanisms with calcium dynamics, which have been found to guide the major processes of early-phase synaptic plasticity in vivo. In three included research articles as well as additional sections, we develop this model and investigate how it can account for a variety of behavioral effects. We find that the model enables the robust implementation of the cognitive memory functions mentioned above. The main steps to this are: 1. demonstrating the formation, consolidation, and improvement of memories represented by cell assemblies, 2. showing that neuromodulator-dependent STC can retroactively control whether information is stored in a temporal or rate-based neural code, and 3. examining interaction of multiple cell assemblies with transient and attractor dynamics in different organizational paradigms. In summary, we demonstrate several ways by which STC controls the late-phase synaptic structure of cell assemblies. Linking these structures to functional dynamics, we show that our STC-based model implements functionality that can be related to long-term memory. Thereby, we provide a basis for the mechanistic explanation of various neuropsychological effects. Keywords: synaptic plasticity; synaptic tagging and capture; spiking recurrent neural networks; memory consolidation; long-term memory

11th International Symposium on Process Systems Engineering - PSE2012 - 2012-12-31

While the PSE community continues its focus on understanding, synthesizing, modeling, designing, simulating, analyzing, diagnosing, operating, controlling, managing, and optimizing a host of chemical and related industries using the systems approach, the boundaries of PSE research have expanded considerably over the years. While early PSE research was largely concerned with individual units and plants, the current research spans wide ranges of scales in size (molecules to processing units to plants to global multinational enterprises to global supply chain networks; biological cells to ecological webs) and time (instantaneous molecular interactions to months of plant operation to years of strategic planning). The changes and challenges brought about by increasing globalization and the the common global issues of energy, sustainability, and environment provide the motivation for the theme of PSE2012: Process Systems Engineering and Decision Support for the Flat World. Each theme includes an invited chapter based on the plenary presentation by an eminent academic or industrial researcher Reports on the state-of-the-art advances in the various fields of process systems engineering Addresses common global problems and the research being done to solve them

Wavelet Applications in Economics and Finance - Marco Gallegati 2014-08-04

This book deals with the application of wavelet and spectral methods for the analysis of nonlinear and dynamic processes in economics and finance. It reflects some of the latest developments in the area of wavelet methods applied to economics and finance. The topics include business cycle analysis, asset prices, financial econometrics, and forecasting. An introductory paper by James Ramsey, providing a personal retrospective

of a decade's research on wavelet analysis, offers an excellent overview over the field.

Turbulence and Interactions - Michel Deville 2010-09-28
This volume contains six keynote lectures and 44 contributed papers of the TI 2009 conference that was held in Saint-Luce, La Martinique, May 31-June 5, 2009. These lectures address the latest developments in direct-numerical simulations, large eddy simulations, compressible turbulence, coherent structures, droplets, two-phase flows, etc. The present monograph is a snapshot of the state-of-the-art in the field of turbulence with a broad view on theory, experiments and numerical simulations.

Collected Reprints - 1987

Cross-Country Evidence on the Revenue Impact of Tax Reforms - Mr. David Amaglobeli 2022-09-30
Many countries face the challenge of raising additional tax revenues without hurting economic growth. Comprehensive, cross-country information on the revenue impact of tax policy changes can thus support informed decision-making on viable reforms. We assess the likely revenue impact of various tax policy changes based on a sample of 21 advanced and emerging market economies, using granular information from the IMF Tax Policy Reform Database v.4.0. Our findings suggest that the revenue yield of a tax policy change varies significantly depending on the tax instrument adopted (e.g., VAT or personal income tax) and the nature of the change (i.e., rate, base). For example, in our sample, base-broadening changes to personal and corporate income taxes as well as to excise and property taxes have generally a more significant and long-lasting revenue yields than rate changes. By contrast, rate changes appear to have a relatively more significant revenue impact in the case of VAT and social security contributions. We also observe an asymmetry in the revenue impact of most tax policy measures when controlling for the direction of tax changes (i.e., its significance varies depending on whether taxes are increased or decreased). While our results are based on qualitative information of tax policy changes (i.e., dummy variables), the revenue yields of rate

measures are not materially different from those that would be obtained using quantitative information on the size of the change.

Journal of the National Cancer Institute - 1990

Neutron Capture Therapy - Wolfgang A.G. Sauerwein 2012-11-05
Neutron capture therapy (NCT) is based on the ability of the non-radioactive isotope boron-10 to capture thermal neutrons with very high probability and immediately to release heavy particles with a path length of one cell diameter, which in principle allows for tumor cell-selective high-LET particle radiotherapy. This book provides a comprehensive summary of the progress made in NCT in recent years. Individual sections cover all important aspects, including neutron sources, boron chemistry, drugs for NCT, dosimetry, and radiation biology. The use of NCT in a variety of malignancies and also some non-malignant diseases is extensively discussed. NCT is clearly shown to be a promising modality at the threshold of wider clinical application. All of the chapters are written by experienced specialists in language that will be readily understood by all participating disciplines.

Ape Escape 2 - Tim Bogenn 2003
BradyGames' Ape Escape 2 Official Strategy Guide features a step-by-step walkthrough to guide players through every environment. Coverage of each delinquent monkey, and all mini-games. Expert boss tactics, plus complete item and vehicle lists. Game secrets revealed, and more!

Capture-Recapture: Parameter Estimation for Open Animal Populations - George A. F. Seber 2019-08-13
This comprehensive book, rich with applications, offers a quantitative framework for the analysis of the various capture-recapture models for open animal populations, while also addressing associated computational methods. The state of our wildlife populations provides a litmus test for the state of our environment, especially in light of global warming and the increasing pollution of our land, seas, and air. In addition to monitoring our food resources such as fisheries, we need to protect endangered species from the effects of human activities (e.g. rhinos, whales, or encroachments on the habitat of orangutans). Pests must be

be controlled, whether insects or viruses, and we need to cope with growing feral populations such as opossums, rabbits, and pigs. Accordingly, we need to obtain information about a given population's dynamics, concerning e.g. mortality, birth, growth, breeding, sex, and migration, and determine whether the respective population is increasing , static, or declining. There are many methods for obtaining population information, but the most useful (and most work-intensive) is generically known as "capture-recapture," where we mark or tag a representative sample of individuals from the population and follow that sample over time using recaptures, resightings, or dead recoveries. Marks can be natural, such as stripes, fin profiles, and even DNA; or artificial, such as spots on insects. Attached tags can, for example, be simple bands or streamers, or more sophisticated variants such as radio and sonic transmitters. To estimate population parameters, sophisticated and complex mathematical models have been devised on the basis of recapture information and computer packages. This book addresses the analysis of such models. It is primarily intended for ecologists and wildlife managers who wish to apply the methods to the types of problems discussed above, though it will also benefit researchers and graduate students in ecology. Familiarity with basic statistical concepts is essential.

Spectral Tailoring for Boron Neutron Capture Therapy - Victor Alexander Nievaart 2007
" Since the first clinical trials on Boron Neutron Capture Therapy in the 1950s, BNCT research has been mainly focussed on the treatment of (deep-seated) brain tumours, in particular, glioblastoma multiforme. Promising work to treat other cancers at other locations and even other diseases are in progress. Therefore, the chemists, medical doctors, physicists and biologists involved in BNCT are not only continuing to investigate and improve the (brain) clinical results, but are also investigating the new applications in BNCT. The work presented in this thesis is in the field of physics and deals, from three different viewpoints, with obtaining the optimal source neutron energy to optimise BNCT. The optimal source neutron energy is defined such as to obtain as many as

possible (n,a)-absorptions due to 10B in the tumours and as low as possible total neutron dose in the healthy tissues and organs at risk. The outcome of this thesis shows that 3 neutron energy regimes should be prescribed in BNCT. As well as the 10 keV epithermal source neutrons, low epithermal source neutrons of around 1 eV and thermal source neutrons with energies of 0.1 eV must be used. "

Image Processing - Maria M. P. Petrou 2021-01-05
The classic text that covers practical image processing methods and theory for image texture analysis, updated second edition The revised second edition of Image Processing: Dealing with Textures updates the classic work on texture analysis theory and methods without abandoning the foundational essentials of this landmark work. Like the first, the new edition offers an analysis of texture in digital images that are essential to a diverse range of applications such as: robotics, defense, medicine and the geo-sciences. Designed to easily locate information on specific problems, the text is structured around a series of helpful questions and answers. Updated to include the most recent developments in the field, many chapters have been completely revised including: Fractals and Multifractals, Image Statistics, Texture Repair, Local Phase Features, Dual Tree Complex Wavelet Transform, Ridgelets and Curvelets and Deep Texture Features. The book takes a two-level mathematical approach: light math is covered in the main level of the book, with harder math identified in separate boxes. This important text: Contains an update of the classic advanced text that reviews practical image processing methods and theory for image texture analysis Puts the focus exclusively on an in-depth exploration of texture Contains a companion website with exercises and algorithms Includes examples that are fully worked to enhance the learning experience Written for students and researchers of image processing, the second edition of Image Processing has been revised and updated to incorporate the foundational information on the topic and information on the latest advances.

Growth of GDP per capita and Democracy. A Simultaneous Equation Generalized Probit Model - Katharina Böhm-Klamt 2017-12-18

Master's Thesis from the year 2015 in the subject Economics - Economic Cycle and Growth, grade: 1, Vienna University of Economics and Business (Institut für Makroökonomie), language: English, abstract: The paper examines a potential reverse causality between the growth of GDP per capita and Democracy (data from Policy IV project). Therefore, a simultaneous equation generalized probit model is used. In the first step, the model is estimated under the assumption that the relationship between economic growth and democracy is linear and in the second step under the assumption the relationship is quadratic. Additional exogenous variables are the degree of urbanization, the age of the regime and the percentage of non-fuel exports in total exports. Further, the influence of religion is taken into account, whereby religion and ethnicity are distinguished. It is observed that the ethnical fragmentation has the opposite effect of religious fragmentation. The outcomes suggest that economic growth and the degree of a country′s democratization indeed are mutually dependent and should not be treated as independent. Additional the outcomes confirm the idea that the relationship between growth and democracy is quadratic.

Capture One Pro 10 - Sascha Erni 2017-06-05

Historically, Capture One Pro software has been regarded primarily as an amazing RAW file converter for high-end cameras. With its newest release, Capture One Pro 10 goes well beyond its storied RAW conversions to become one of the most powerful image-processing applications on the market, addressing the imaging workflow from capture to print. Version 10 has also been optimized to support many of the most popular cameras being used today.

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With an abundance of new features and the promise of producing vastly superior images, photographers of all skill levels are giving Capture One Pro a try. Of course, along with expanded functionality and improved performance, the software has become a challenge to learn efficiently on one's own. Users need a helping hand in order to get up to speed and make sure they are taking full advantage of this powerful software.

In *Capture One Pro 10: Mastering RAW Development, Image Processing, and Asset Management,* photographer Sascha Erni teaches readers everything they need to know in order to quickly get up and running with Capture One Pro. He also dives deeply into its extensive feature list to allow users to fully explore the capabilities of the software. Whether you're moving to Capture One Pro from Aperture or Lightroom, or just beginning to learn image-editing with Capture One Pro 10, this book will teach you how to get amazing results while avoiding frustration and wasted time along the way.

Topics include:

- RAW conversion
- Asset management
- Converting to black-and-white
- Eliminating lens errors
- Tethered shooting/live view
- Film grain simulation
- Working with layers
- HDR imaging
- Much, much more

The Stage Guide - L. Carson 1912

Capture One Pro 9 - Sascha Erni 2016-03-30

Trout Flies - Dave Hughes 1999
Provides step-by-step instructions on tying five hundred trout flies and offers information on tying techniques, tools, and materials
Biometric Authentication - David Zhang 2004-07
This book constitutes the refereed proceedings of the First International Conference on Biometric Authentication, ICBA 2004, held in Hong Kong, China in July 2004. The 104 revised full papers presented were carefully reviewed and selected from 157 submissions; also included are summaries of 3 biometric competitions on fingerprint verification, face authentication, and signature verification. The papers are organized in topical sections on face, fingerprint, iris, signature, speech, biometric fusion and risk analysis, and other biometric issues.

Point Particles to Capture Polarized Embryonic Cells & Cold Pools in the Atmosphere - Silas Boye Nissen 2020-08-31
Part 1: How are the incredible diversity and robustness compatible with animal morphologies? Based on apical-basal and planar cell polarities' ubiquity, I suggest a 3D mathematical model: Point particles represent cells having zero, one, or two unit-arrows representing polarities. I test the model abilities on preimplantation development, sea urchin gastrulation, mammalian neurulation, organoid folding, and tubulogenesis. I find that a minimal, versatile toolbox, including cellular polarities, captures the emergence of diverse and robust animal morphologies. Part 2: How are deep convective events spatially organized in the tropical atmosphere? Here, I test the importance of atmospheric cold pools for organizing convection. I suggest a 2D mathematical model: Points expand into circles representing cold pools. When circles meet, a convective event occurs, and a new circle forms. I find this model captures convective scale increase and initial stages of convective self-aggregation. The latter is crucial due to its link to tropical cyclogenesis.

Fluidised Combustion - Institute of Energy (Great Britain) 1980

The Phase I Archeological Research Program for the Knife River Indian Villages National Historic Site - Thomas David Thiessen 1993

Human Motion Capture and Identification for Assistive Systems Design in Rehabilitation - Pubudu N. Pathirana 2021-05-10
HUMAN MOTION CAPTURE AND IDENTIFICATION FOR ASSISTIVE SYSTEMS DESIGN IN REHABILITATION A guide to the core ideas of human motion capture in a rapidly changing technological landscape Human Motion Capture and Identification for Assistive Systems Design in Rehabilitation aims to fill a gap in the literature by providing a link between sensing, data analytics, and signal processing through the characterisation of movements of clinical significance. As noted experts on the topic, the authors apply an application-focused approach in offering an essential guide that explores various affordable and readily available technologies for sensing human motion. The book attempts to offer a fundamental approach to the capture of human bio-kinematic motions for the purpose of uncovering diagnostic and severity assessment parameters of movement disorders. This is achieved through an analysis of the physiological reasoning behind such motions. Comprehensive in scope, the text also covers sensors and data capture and details their translation to different features of movement with clinical significance, thereby linking them in a seamless and cohesive form and introducing a new form of assistive device design literature. This important book: Offers a fundamental approach to bio-kinematic motions and the physiological reasoning behind such motions Includes information on sensors and data capture and explores their clinical significance Links sensors and data capture to parameters of interest to therapists and clinicians Addresses the need for a comprehensive coverage of human motion capture and identification for the purpose of diagnosis and severity assessment of movement disorders Written for academics, technologists, therapists, and clinicians focusing on human motion, Human Motion Capture and Identification for Assistive Systems Design in Rehabilitation provides a holistic view for assistive device design, optimizing various parameters of interest to relevant audiences.

Practical Microcontroller Engineering with ARM Technology - Ying Bai 2015-12-01
The first microcontroller textbook to provide complete and systemic

introductions to all components and materials related to the ARM® Cortex®-M4 microcontroller system, including hardware and software as well as practical applications with real examples. This book covers both the fundamentals, as well as practical techniques in designing and building microcontrollers in industrial and commercial applications. Examples included in this book have been compiled, built, and tested Includes Both ARM® assembly and C codes Direct Register Access (DRA) model and the Software Driver (SD) model programming techniques and discussed If you are an instructor and adopted this book for your course, please email ieeeproposals@wiley.com to get access to the instructor files for this book.

Collected Reprints - Southwest Fisheries Center (U.S.) 1984

Predictive Modeling of Drug Sensitivity - Ranadip Pal 2016-11-15 Predictive Modeling of Drug Sensitivity gives an overview of drug sensitivity modeling for personalized medicine that includes data characterizations, modeling techniques, applications, and research challenges. It covers the major mathematical techniques used for modeling drug sensitivity, and includes the requisite biological knowledge to guide a user to apply the mathematical tools in different biological scenarios. This book is an ideal reference for computer scientists, engineers, computational biologists, and mathematicians who want to understand and apply multiple approaches and methods to drug sensitivity modeling. The reader will learn a broad range of mathematical and computational techniques applied to the modeling of drug sensitivity, biological concepts, and measurement techniques crucial to drug sensitivity modeling, how to design a combination of drugs under different constraints, and the applications of drug sensitivity prediction methodologies. Applies mathematical and computational approaches to biological problems Covers all aspects of drug sensitivity modeling, starting from initial data generation to final experimental validation Includes the latest results on drug sensitivity modeling that is based on updated research findings Provides information on existing data and software resources for applying the mathematical and computational

tools available

Internal Photoemission Spectroscopy - Valeri V. Afanas'ev 2014-02-22 The second edition of Internal Photoemission Spectroscopy thoroughly updates this vital, practical guide to internal photoemission (IPE) phenomena and measurements. The book's discussion of fundamental physical and technical aspects of IPE spectroscopic applications is supplemented by an extended overview of recent experimental results in swiftly advancing research fields. These include the development of insulating materials for advanced SiMOS technology, metal gate materials, development of heterostructures based on high-mobility semiconductors, and more. Recent results concerning the band structure of important interfaces in novel materials are covered as well. Internal photoemission involves the physics of charge carrier photoemission from one solid to another, and different spectroscopic applications of this phenomenon to solid state heterojunctions. This technique complements conventional external photoemission spectroscopy by analyzing interfaces separated from the sample surface by a layer of a different solid or liquid. Internal photoemission provides the most straightforward, reliable information regarding the energy spectrum of electron states at interfaces. At the same time, the method enables the analysis of heterostructures relevant to modern micro- and nano-electronic devices as well as new materials involved in their design and fabrication. First complete model description of the internal photoemission phenomena Overview of the most reliable energy barrier determination procedures and trap characterization methods Overview of the most recent results on band structure of high-permittivity insulating materials and their interfaces with semiconductors and metals

Soviet Physics, JETP. - 1989

Materials for Carbon Capture - De-en Jiang 2020-02-25 Covers a wide range of advanced materials and technologies for CO2 capture As a frontier research area, carbon capture has been a major driving force behind many materials technologies. This book highlights the current state-of-the-art in materials for carbon capture, providing a

comprehensive understanding of separations ranging from solid sorbents to liquid sorbents and membranes. Filled with diverse and unconventional topics throughout, it seeks to inspire students, as well as experts, to go beyond the novel materials highlighted and develop new materials with enhanced separations properties. Edited by leading authorities in the field, Materials for Carbon Capture offers in-depth chapters covering: CO2 Capture and Separation of Metal-Organic Frameworks; Porous Carbon Materials: Designed Synthesis and CO2 Capture; Porous Aromatic Frameworks for Carbon Dioxide Capture; and Virtual Screening of Materials for Carbon Capture. Other chapters look at Ultrathin Membranes for Gas Separation; Polymeric Membranes; Carbon Membranes for CO2 Separation; and Composite Materials for Carbon Captures. The book finishes with sections on Poly(amidoamine) Dendrimers for Carbon Capture and Ionic Liquids for Chemisorption of CO2 and Ionic Liquid-Based Membranes. A comprehensive overview and survey of the present status of materials and technologies for carbon capture Covers materials synthesis, gas separations, membrane fabrication, and CO2 removal to highlight recent progress in the materials and chemistry aspects of carbon capture Allows the reader to better understand the challenges and opportunities in carbon capture Edited by leading experts working on materials and membranes for carbon separation and capture Materials for Carbon Capture is an excellent book for advanced students of chemistry, materials science, chemical and energy engineering, and early career scientists who are interested in carbon capture. It will also be of great benefit to researchers in academia, national labs, research institutes, and industry working in the field of gas separations and carbon capture.

Business Process Management Workshops - Danilo Ardagna 2009-06-07 Constitutes the refereed post-workshop proceedings of 9 international workshops held in Milano, Italy, in conjunction with the 6th International Conference on Business Process Management, BPM 2008, in September 2008.

Radiative Neutron Capture - Sergey Borisovich Dubovichenko 2019-02-19

The work provides an overview on modern nuclear astrophysics by summarizing recent achievements in studies of light nuclei and thermonuclear processes at low and ultralow energies in the Universe. Special focus lies on mathematical methods and computer programs for calculating nuclear characteristics for thermonuclear reactions.

Sessional Papers - Great Britain. Parliament. House of Commons 1902

Bayesian Designs for Phase I-II Clinical Trials - Ying Yuan 2017-12-19 Reliably optimizing a new treatment in humans is a critical first step in clinical evaluation since choosing a suboptimal dose or schedule may lead to failure in later trials. At the same time, if promising preclinical results do not translate into a real treatment advance, it is important to determine this quickly and terminate the clinical evaluation process to avoid wasting resources. Bayesian Designs for Phase I–II Clinical Trials describes how phase I–II designs can serve as a bridge or protective barrier between preclinical studies and large confirmatory clinical trials. It illustrates many of the severe drawbacks with conventional methods used for early-phase clinical trials and presents numerous Bayesian designs for human clinical trials of new experimental treatment regimes. Written by research leaders from the University of Texas MD Anderson Cancer Center, this book shows how Bayesian designs for early-phase clinical trials can explore, refine, and optimize new experimental treatments. It emphasizes the importance of basing decisions on both efficacy and toxicity.

Human Motion - Understanding, Modeling, Capture and Animation - Ahmed Elgammal 2007-11-15

This book constitutes the refereed proceedings of the Second Workshop on Human Motion, HumanMotion 2007, held in Rio de Janeiro, Brazil October 2007 in conjunction with ICCV 2007. The 22 revised full papers presented were carefully reviewed and selected from 38 submissions. The papers are organized in topical sections on motion capture and pose estimation, body and limb tracking and segmentation and activity recognition.

Microsoft Excel 2010 Data Analysis and Business Modeling -

Wayne Winston 2011-01-07
Master the business modeling and analysis techniques that help you transform data into bottom-line results. For more than a decade, Wayne Winston has been teaching corporate clients and MBA students the most effective ways to use Excel to solve business problems and make better decisions. Now this award-winning educator shares the best of his expertise in this hands-on, scenario-focused guide—fully updated for Excel 2010! Use Excel to solve real business problems—and sharpen your edge! Model investment risks and returns Analyze your sales team's effectiveness Create best, worst, and most-likely case scenarios Compare lease vs. buy, and calculate loan terms See how price, advertising, and seasonality affect sales Manage inventory with precision Quantify the value of customer loyalty Calculate your break-even number and ROI Maximize scheduling efficiency Express "home-field advantage" in real numbers Project company growth, predict election results, and more! Plus—introduce yourself to PowerPivot for Excel Your companion web content includes: Downloadable eBook Hundreds of scenario-based practice problems All the book's sample files—plus customizable templates

Silicon Nitride, Silicon Dioxide, and Emerging Dielectrics 10 - R. Ekwal Sah 2009
The issue of ECS Transactions contains papers presented at the Tenth International Symposium on Silicon Nitride, Silicon Dioxide, and Alternate Emerging Dielectrics held in San Francisco on May 24-29, 2009. The papers address a very wide range of fabrication and characterization techniques, and applications of thin dielectric films in microelectronic and optoelectronic devices. More specific topics addressed by the papers include reliability, interface states, gate oxides, passivation, and dielctric breakdown.

Popular Photography - 2007-05

Inorganic Materials - 1993