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The Neapolitan Pizza. A Scientific Guide about the Artisanal Process Paolo Masi 2015

Nuclear Reactors-physics_Design And Safety - Proceedings Of The Workshop Gandini A 1995-10-24 The lectures reported in these proceedings were given in the Workshop on Nuclear Reactors – Physics, Design and Safety held at the International Centre for Theoretical Physics in Trieste in 1994 by experts from leading international research institutions and industries. They have been organized in a self-consistent form with the objective of giving basic, up-dated information to scientists and engineers from developing countries in modern methods for the computation and analysis of nuclear reactors, with particular emphasis on reactor physics, design and safety.

Teaching as a Human Activity J. Amos Hatch 2021-09-01 This is a book for teachers, especially new and soon-to-be teachers. It’s a book from one teacher to other teachers who care deeply about what goes on in schools, who see teaching as a calling, who want to make their time in classrooms life changing for the students they are lucky enough to teach. This book is meant to inspire as much as instruct. The lessons that make up the body of this book are organized around five questions that every teacher needs to consider: (1) What can I do to be sure I realize my dream of making a positive difference in the lives of my students? (2) How can I make my teaching effective by building on vital human connections with my students? (3) How can I make my classroom management effective, while encouraging my students to become self-regulating agents of their own behavior? (4) What are instructional approaches that will engage my students in shaping their own development and learning? (5) What can I do to ensure my successful initiation into the teaching profession and avoid burnout in the future? Four lessons are included in each of the five parts defined by these questions. This book celebrates the passion, commitment and intelligence that teachers bring to their profession. Bright, caring individuals are called to teaching because they feel a powerful drive to touch the lives of young people and to make a difference in the world. The approaches advocated in these pages seek to take advantage of the commitment, drive, and brainpower teachers bring to their avocation. The lessons explored foreground the humanity of teaching and highlight ways teachers can experience the satisfaction of sharing meaningful, learning-filled connections with their students.

Major Events of the Nuclear Age Erik V. Nordheim 1967

Cashing In on Cyberpower Mark T. Peters 2018-05 As the world has become increasingly digitally interconnected, military leaders and other actors are ditching symmetric power strategies in favor of cyberstrategies. Cyberpower enables actors to change actual economic outcomes without the massive resource investment required for military force deployments. Cashing In on Cyberpower addresses the question, Why and to what end are state and nonstate actors using cybertools to influence economic outcomes? The most devastating uses of cyberpower can include intellectual property theft, espionage to uncover carefully planned trade strategies, and outright market manipulation through resource and currency values. Offering eight hypotheses to address this central question, Mark T. Peters II considers every major cyberattack (almost two hundred) over the past ten years, providing both a quick reference and a comparative analysis. He also develops new case studies depicting the 2010 intellectual property theft of a gold-detector design from the Australian Codan corporation, the 2012 trade negotiation espionage in the Japanese Trans-Pacific Partnership preparations, and the 2015 cyberattacks on Ukrainian SCADA systems. All these hypotheses combine to identify new data and provide a concrete baseline of how leaders use cybermeans to achieve economic outcomes.

Learning from Libraries that Use WordPress Kyle M. Jones 2013 With its intuitive interface and open-source development method, the WordPress web platform has emerged as a uniquely flexible content management system (CMS) with many library-related applications. In this book Jones and Farrington, two web designer/librarians, explore the variety of ways libraries are implementing WordPress as a CMS, from simple "out-of-the-box" websites to large sites with many custom features. Emphasizing a library-specific perspective, the authors offer a brief history of WordPress, reviewing its genesis and sketching in some possible future directions Analyze the software's strengths and weaknesses, spotlighting its advantages over other existing web publishing platforms as well as discussing the limitations libraries have encountered Present a variety of case studies, offering first-hand examples which detail why WordPress was selected, methods of implementation and degree of customization, feedback from users, and reflections on usability Discuss essential plug-ins, themes, and other specialized applications for library sites This useful book shows how scores of libraries have used WordPress to create library websites that are both user-friendly and easy to maintain.

Prestigious Discoveries at CERN Roger Cashmore 2013-04-18 The discoveries of neutral currents and of the W and Z bosons marked a watershed in the history of CERN. They established the validity of the electroweak theory and convinced the physicists of the importance of renormalizable non-Abelian gauge theories of the fundamental interactions. The articles collected in this book have been written by distinguished physicists who contributed in a crucial way to these developments. The book is a historical account of those discoveries and of the construction and the testing of the standard model. It also reports on the future of particle physics and provides an updated status report on the LHC and its detectors being currently built at CERN. The book addresses readers interested in particle physics including the educated public.

Secured Finance Law in China and Hong Kong Mark Williams 2010-10-14 This book examines systematically the current systems of secured lending in China and Hong Kong, where companies or individuals offer personal property as security for credit advanced by a lender. Valid and enforceable security reduces the risk to the lender and so lowers the cost of credit to the borrower. However, the Hong Kong system, being largely derived from English law, is highly complex and in need of root-and-branch reform. The forces of inaction have triumphed and valuable opportunities to create a modern, rational and efficient system have been squandered. In China, on the other hand, a completely new system has been created in the last twenty years which, whilst it has various problems and defects, has some notable advantages over the common law equivalent found in Hong Kong.

Using WordPress as a Library Content Management System Kyle M. L. Jones 2011 In this issue of Library Technology Reports, Kate Marek offers a practical guide to web analytics tools, explaining what librarians need to know to implement them effectively.

Percepts, Concepts and Categories B. Burns 1992-10-09 The most important distinction derived from the computational view of thought is between structures and processes. So proclaimed Farah and Kosslyn in 1982, arguing that structures and processes cannot be examined in isolation and concluding that converging operations are required to isolate the structure-process pair that can explain a particular finding. The distinction between structure and process within the study of percepts, concepts and categories is considered in depth in this volume, with penetrating commentaries by fellow authors concluding each chapter. This interesting format achieves a broad coverage of the various aspects and implications of the structure-process distinction. It affords a salient indication of the diversity of positions as to the description and utility of distinguishing structures and processors. At the same time, it reveals that researchers specializing in areas of study ranging from simple structure and process involved in perceptual organization and texture to complex structure and process associated with reading graphs and chess expertise, do utilize such a distinction in

similar ways. The analysis is organized into four major parts within the book: Early Visual Representation and Processing; Percepts, Concepts, Categories and Development; Categories, Concepts and Learning; and Higher-Order Representation and Processing.

Essential ASP for Web Professionals Elijah Lovejoy 2001 The Web professional's guide to creating Active Server Pages (ASP) with the world's #1 scripting language: JavaScript. Step-by-step walkthroughs of key applications: database integration, automated email replies, and much more. See the code at work on a free Web-based companion site -- and discover bonus projects, solutions, and downloadable code! Endorsed by WOW (The World Organization of Web Masters)! This concise, practical, example-rich guide teaches Web developers exactly what they need to know to achieve high-quality results with Microsoft's Active Server Pages and JavaScript -- immediately. Endorsed by the World Organization of Webmasters, Essential ASP for Web Professionals offers no-nonsense, practical coverage designed around real-world examples you can see working on a live sample site. Leading Web developer Elijah Lovejoy teaches Web developers exactly what they need to get up-and-running fast -- from the basics of embedding ASP code in HTML pages to full-blown application development. Essential ASP for Web Professionals walks you through these and other real-world examples: shopping carts, database applications, sending email from Web pages, creating guest books, and embedding variable information such as dates in Web pages. Every chapter includes practical overviews of relevant ASP and JavaScript features, reinforcing all that's been learned. Essential ASP for Web Professionals comes with a free web site that includes additional projects and solutions, downloadable code, images, additional in-depth explanations, and other valuable resources. Elijah Lovejoy has over six years experience developing Internet and database applications; his clients have included the American Film Institute and the Environmental Protection Agency. He is currently Chief Technology Officer for Prepay.com.

Programme of Events Canada. Centennial Commission 1967

Another Day, Another Collar James A. Overdahl 1997 In 1990, the New York Stock Exchange amended its Rule 80A to restrict stock index arbitrage on days of large price movements. We find that Rule 80A significantly curtails--or quot;collarsquot;--index arbitrage activity. In spite of this curtailment in index arbitrage volume, we find that Rule 80A appears to have had little overall impact on trading costs and intermarket linkage, although pricing discrepancies between the markets do appear to be eliminated less quickly. Our results are consistent with the hypothesis that information is conveyed from one market to the other by means other than formal arbitrage.

Search for the Standard Model Higgs Boson in the H → ZZ → l + l - qq Decay Channel at CMS Francesco Pandolfi 2013-08-15 The theoretical foundations of the Standard Model of elementary particles relies on the existence of the Higgs boson, a particle which has been revealed for the first time by the experiments run at the Large Hadron Collider (LHC) in 2012. As the Higgs boson is an unstable particle, its search strategies were based on its decay products. In this thesis, Francesco Pandolfi conducted a search for the Higgs boson in the H → ZZ → l + l - qq Decay Channel with 4.6 fb -1 of 7 TeV proton-proton collision data collected by the Compact Muon Solenoid (CMS) experiment. The presence of jets in the final state poses a series of challenges to the experimenter: both from a technical point of view, as jets are complex objects and necessitate of ad-hoc reconstruction techniques, and from an analytical one, as backgrounds with jets are copious at hadron colliders, therefore analyses must obtain high degrees of background rejection in order to achieve competitive sensitivity. This is accomplished by following two directives: the use of an angular likelihood discriminant, capable of discriminating events likely to originate from the decay of a scalar boson from non-resonant backgrounds, and by using jet parton flavor tagging, selecting jets compatible with quark hadronization and discarding jets more likely to be initiated by gluons. The events passing the selection requirements in 4.6 fb -1 of data collected by the CMS detector are examined, in the search of a possible signal compatible with the decay of a heavy Higgs boson. The thesis describes the statistical tools and the results of this analysis. This work is a paradigm for studies of the Higgs boson with final states with jets. The non-expert physicists will enjoy a complete and eminently readable description of a proton-proton collider analysis. At the same time, the expert reader will learn the details of the searches done with jets at CMS.

Identifying and Harnessing Concurrence for Parallel and Distributed Network Simulation Andelfinger, Philipp Josef 2016-07-28

The Prediction of Solar Proton Events Based on Solar Radio Emissions William E. O'Brien 1970 The short-term prediction of solar proton events based on a distinct U-shaped radio burst signature is verified. The prediction techniques uses peak flux density values of discrete frequency solar radio burst observations in the 100 to 10,000 MHz region. The criteria are applied to all major proton events from 1952 to 1969 and afford almost total success in predicting near-earth particle events that emanated from visible hemisphere regions of the sun. A correlation between U-shaped radio burst signatures and solar proton events as detected by the ATS-1 satellite, during 1967 and 1968, is also shown to be highly successful. Finally, a 'modified' U-shaped criterion is set forth for the accurate short-terms prediction of polar cap absorption events that result in at least a 2.0 dB riometer measurement of absorption. This 'modified' spectral configuration is then correlated with the major absorption events of the current solar cycle and it is found that prediction occurred for all principal PCA events that originated from visible solar hemisphere flares. (Author).

Sound Transit Lakewood-to-Tacoma Commuter Rail and SR-512 Park-and-ride Expansion 2002

Forecast Verification Ian T. Jolliffe 2012-01-25 Forecast Verification: A Practitioner’s Guide in Atmospheric Science, 2nd Edition provides an indispensable guide to this area of active research by combining depth of information with a range of topics to appeal both to professional practitioners and researchers and postgraduates. The editors have succeeded in presenting chapters by a variety of the leading experts in the field while still retaining a cohesive and highly accessible style. The book balances explanations of concepts with clear and useful discussion of the main application areas. Reviews of first edition: "This book will provide a good reference, and I recommend it especially for developers and evaluators of statistical forecast systems." (Bulletin of the American Meteorological Society; April 2004) "...a good mixture of theory and practical applications...well organized and clearly written..." (Royal Statistical Society, Vol.168, No.1, January 2005) NEW to the second edition: Completely updated chapter on the Verification of Spatial Forecasts taking account of the wealth of new research in the area New separate chapters on Probability Forecasts and Ensemble Forecasts Includes new chapter on Forecasts of Extreme Events and Warnings Includes new chapter on Seasonal and Climate Forecasts Includes new Appendix on Verification Software Cover image credit: The triangle of barplots shows a novel use of colour for visualizing probability forecasts of ternary categories – see Fig 6b of Jupp et al. 2011, On the visualisation, verification and recalibration of ternary probabilistic forecasts, Phil. Trans. Roy. Soc. (in press).

Construction and Operation of the Spallation Neutron Source (TN, NY, IL, NM) 1999

Adverse Health Events in Minnesota Hospitals 2007

Westside Subway Extension 2012

Beginning Rails Cloves Carneiro Jr 2008-11-04 This book not only teaches the necessary skill set to become a proficient Ruby on Rails developer, it also explains the theory needed for the developer to explore and learn on their own. The reader will not be burdened by yet another set of "hello world" and other mundane examples. In this text

they will learn Ruby on Rails by creating real world projects; a task manager, RSS aggregator, a community manager similar to MySpace.com, and an Amazon based store. While the book covers the basics for beginners, it also offers more advanced tools, including Ajax and a detailed discussion of ActiveRecord and ActionPack.

Tourism Entrepreneurship in Portugal and Spain João Leitão 2022-02-01 This contributed volume introduces the innovative landscapes and business models used in tourism entrepreneurship initiatives of Portugal and Spain. It provides benchmarks for entrepreneurial initiatives covering tourism services, place-branded tourism, social networks, spiritual tourism, cross-border tourism initiatives, and tourism in low-density regions. It also provides guidelines for future strategic actions to foster rural and sustainable development in alternative tourism destinations, following the Iberian experience.

Safety, Environmental Impact, and Economic Prospects of Nuclear Fusion Bruno Brunelli 2012-12-06 This book contains the lectures and the concluding discussion of the "Seminar on Safety, Environmental Impact, and Economic Prospects of Nuclear Fusion", which was held at Erice, August 6-12, 1989. In selecting the contributions to this 9th meeting held by the International School of Fusion Reactor Technology at the E. Majorana Center for Scientific Culture in Erice, we tried to provide a comprehensive coverage of the many interrelated and interdisciplinary aspects of what ultimately turns out to be the global acceptance criteria of our society with respect to controlled nuclear fusion. Consequently, this edited collection of the papers presented should provide an overview of these issues. We thus hope that this book, with its extensive subject index, will also be of interest and help to nonfusion specialists and, in general, to those who from curiosity or by assignment are required to be informed on these aspects of fusion energy.

Adobe Photoshop Album for Windows Nolan Hester 2003 - Incisive text, crystal-clear screen shots, and step-by-step instructions allow readers to get up and running fast with Adobe's brand new photo editing and organizing software. - Task-based format is supplemented with real-world tips. - Photoshop Album (\$AU99.95) targets a rapidly expanding consumer digital photography market at a price people can afford.

Transbay Terminal/Caltrain Downtown Extension/Redevelopment Project in the City and County of San Francisco, San Mateo and Santa Clara Counties 2004

Language Development: Syntax and semantics Stan A. Kuczaj 1982 First published in 1981. Routledge is an imprint of Taylor & Francis, an informa company.

Verb Classification in Australian Languages William B. McGregor 2002-01-01 This book deals with systems of verb classification in Australian Aboriginal languages, with particular focus on languages of the north-west. It proposes a typology of the systems according to their main formal and semantic characteristics. It also makes some proposals concerning the historical origins and grammaticisation of these systems, and suggestions regarding the grammatical relations involved. In addition, an attempt is made to situate the phenomenon of verb classification within the context of related verbal phenomena such as serial verb constructions, nominal incorporation, and complex predicates.

Cultural Tourism in a Digital Era Vicky Katsoni 2015-03-31 This book covers the entire spectrum of cultural and digital tourism and presents the latest findings, examples and cases, highlighting innovations for the tourism industry from both an academic and a practical point of view. The book invites readers to discover ongoing developments and recent trends in fields like heritage and museum management; sports tourism; tourism economics and policy; e-marketing and e-business; and many other fields, making it of value to researchers in tourism management, practitioners and policymakers alike. The book was edited in collaboration with the International Association of Cultural and Digital Tourism - IACuDiT - and includes the proceedings of the First International Conference on Cultural and Digital Tourism.

Observation of a New State in the Search for the Higgs Boson at CMS Giovanni Petrucciani 2014-12-04 This book describes the searches that lead to the discovery of a Higgs boson performed at CMS, one of the two main experiments at the CERN LHC. After an overview of the theory and of the CMS experiment, all search channels are described, with emphasis on the ones with the best sensitivity. The statistical methodology used to analyse and the outcomes of the searches and the discovery results are then presented in detail.

The Manual of Strategic Economic Decision Making Jeff Grover 2016-11-29 This book is an extension of the author's first book and serves as a guide and manual on how to specify and compute 2-, 3-, and 4-Event Bayesian Belief Networks (BBN). It walks the learner through the steps of fitting and solving fifty BBN numerically, using mathematical proof. The author wrote this book primarily for inexperienced learners as well as professionals, while maintaining a proof-based academic rigor. The author's first book on this topic, a primer introducing learners to the basic complexities and nuances associated with learning Bayes' theorem and inverse probability for the first time, was meant for non-statisticians unfamiliar with the theorem—as is this book. This new book expands upon that approach and is meant to be a prescriptive guide for building BBN and executive decision-making for students and professionals; intended so that decision-makers can invest their time and start using this inductive reasoning principle in their decision-making processes. It highlights the utility of an algorithm that served as the basis for the first book, and includes fifty 2-, 3-, and 4-event BBN of numerous variants.

Particle Physics at the Year of Centenary of Bruno Pontecorvo Alexander I Studenikin 2015-03-11 These proceedings are devoted to a wide variety of items, both in theory and experiment, of particle physics such as neutrino and astroparticle physics, tests of the standard model and beyond, and hadron physics. Also covered are gravitation and cosmology, and physics from present and future accelerators. Contents:Neutrino PhysicsPhysics at Accelerators and Studies in SM and BeyondAstroparticle Physics and

CosmologyCP Violation and Rare DecaysHadron PhysicsNew Developments in Quantum Field TheoryProblems of Intelligentsia Readership: Advanced undergrads and graduate students, and professionals, both experimentalists and theoreticians, working in particle physics and high energy physics, gravitation and cosmology. Keywords:Neutrino Physics;High Energy Physics;Astroparticle Physics and Cosmology

Manhattan East Side Transit Alternatives Study (MESA) 1999

Bridging Music Informatics with Music Cognition Naresh N. Vempala 2018-09-14 Music informatics is an interdisciplinary research area that encompasses data driven approaches to the analysis, generation, and retrieval of music. In the era of big data, two goals weigh heavily on many research agendas in this area: (a) the identification of better features and (b) the acquisition of better training data. To this end, researchers have started to incorporate findings and methods from music cognition, a related but historically distinct research area that is concerned with elucidating the underlying mental processes involved in music-related behavior.

Development for Academic Leaders Penelepe C. Hunt 2012-08-16 DEVELOPMENT FOR ACADEMIC LEADERS In addition to their other duties, academic leaders are expected to network with potential donors and to be productive and enthusiastic fundraisers. More often than not, however, academic leaders are given little or no training on how to be savvy fundraisers for their institutions. Development for Academic Leaders is a much-needed resource that offers a concise yet comprehensive guide to fundraising for those who are new to the process. The book clarifies roles, responsibilities, programs, activities, politics, and funding sources as well as offering a review of the overall process. Written by Penelepe C. Hunt, a successful practitioner of and noted expert in academic fundraising, the book includes information on attracting and retaining effective development officers and contains suggestions for deans (and other campus leaders) for working effectively with these valued members of their institutions. Hunt introduces novice fundraisers to the cycle of giving (identification, qualification, cultivation, solicitation, and stewardship) and provides information on how and when to take part in the fundraising process. She defines the various types of funding including annual gifts, major gifts, planned gifts, and principal gifts and reveals why ascertaining which type of gift will be most appealing to a donor is an important part of planning for a successful solicitation. Development for Academic Leaders also contains suggestions for overcoming reluctance on the part of leaders to ask potential donors for a gift. Hunt explains that donors do not give merely because our programs need and deserve support. They give because of their own desires, passions, and aspirations. Development for Academic Leaders also reveals the importance of participating in your institution's overall development communications efforts and offers a general overview of campaign and event principles and how you can use these funding strategies to the advantage of your college. For any academic leader who participates in their program's fundraising efforts, this important resource offers a wealth of information for becoming a creative, skilled, and successful part of the fundraising team.

Crenshaw Transit Corridor Project 2011

Ambient Intelligence – Software and Applications –, 9th International Symposium on Ambient Intelligence Paulo Novais 2018-11-04 The aim of the book is to introduce new developments in Ambient Intelligence from researchers of several countries. The book includes different works in the area of Ubiquitous Computing, e-Health, Ambient Assisted Living, Distributed Computing and Context Aware Computing that have been selected by an international committee. The studies have been presented in the 9th International Symposium on Ambient Intelligence held in Toledo in June 2018.

Experimental IR Meets Multilinguality, Multimodality, and Interaction Josanne Mothe 2015-08-31 This book constitutes the refereed proceedings of the 6th International Conference of the CLEF Initiative, CLEF 2015, held in Toulouse, France, in September 2015. The 31 full papers and 20 short papers presented were carefully reviewed and selected from 68 submissions. They cover a broad range of issues in the fields of multilingual and multimodal information access evaluation, also included are a set of labs and workshops designed to test different aspects of mono and cross-language information retrieval systems.

Southeast Corridor, Houston 2007

Multicore DSP Naim Dahnoun 2017-11-30 The only book to offer special coverage of the fundamentals of multicore DSP for implementation on the TMS320C66xx SoC This unique book provides readers with an understanding of the TMS320C66xx SoC as well as its constraints. It offers critical analysis of each element, which not only broadens their knowledge of the subject, but aids them in gaining a better understanding of how these elements work so well together. Written by Texas Instruments' First DSP Educator Award winner, Naim Dahnoun, the book teaches readers how to use the development tools, take advantage of the maximum performance and functionality of this processor and have an understanding of the rich content which spans from architecture, development tools and programming models, such as OpenCL and OpenMP, to debugging tools. It also covers various multicore audio and image applications in detail. Additionally, this one-of-a-kind book is supplemented with: A rich set of tested laboratory exercises and solutions Audio and Image processing applications source code for the Code Composer Studio (integrated development environment from Texas Instruments) Multiple tables and illustrations With no other book on the market offering any coverage at all on the subject and its rich content with twenty chapters, Multicore DSP: From Algorithms to Real-time Implementation on the TMS320C66x SoC is a rare and much-needed source of information for undergraduates and postgraduates in the field that allows them to make real-time applications work in a relatively short period of time. It is also incredibly beneficial to hardware and software engineers involved in programming real-time embedded systems.