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Games and Learning AllianceEnvironment Abstracts AnnualHydrogen in Intermetallic Compounds IIPublicationsPower Transformer Diagnostics, Monitoring and Design FeaturesIntroduction to Applied Linear AlgebraGovernment Reports AnnouncementsElectromagnetic Noise and Quantum Optical MeasurementsThe Illustrated London NewsGovernment Reports Announcements & IndexThe Internet and Health CommunicationReview of Metal LiteratureIntroduction to Plasma Physics and Controlled FusionNBS Special PublicationIntroduction to Quantum MechanicsBioastronomy - The Next StepsProceedings of the 1999 7th International Symposium on the Physical & Failure Analysis of Integrated CircuitsU.S. Government Research & Development ReportsInto PhysicsBoundary-Layer TheoryStandard & Poor's Stock ReportsIndian Books in PrintA Standard Dictionary of the English LanguagePetroleum ManagementThe Dense Interstellar Medium in GalaxiesPublications of the National Institute of Standards and Technology CatalogThe City RecordAnalytic CombinatoricsNuclear Science AbstractsWhitaker's Cumulative Book ListGCSE Mathematics Higher TierBook Review IndexNanocomposites, Nanostructures, and Their ApplicationsThe Publishers WeeklyBooks in PrintFinite Element ProceduresEloquent JavaScriptThe Annual American CatalogueArts & Humanities Citation IndexGuide to Microforms in Print

Games and Learning Alliance

"in2 Physics addresses the Physics package written specifically for the NSW Physics syllabus. The package comprehensively addresses all dot points of the syllabus, and prepares students for the HSC Physics examinations"--Publisher's website.

Environment Abstracts Annual

Hydrogen in Intermetallic Compounds II

This book constitutes the refereed proceedings of the 8th International Conference on Games and Learning Alliance, GALA 2019, held in Athens, Greece, in November 2019. The 38 regular papers presented together with 19 poster papers were carefully reviewed and selected from 76 submissions. The papers cover the following topics: serious game design and pedagogical foundations; AI and technology for SG; gamification; applications and case studies; and posters. The chapter "Cyber Chronix, Participatory Research Approach to Develop and Evaluate a Storytelling Game on Personal Data Protection Rights and Privacy Risks" is available open access under a CC BY 4.0 license at link.springer.com.

Publications

This book highlights some of the latest advances in nanotechnology and nanomaterials from leading researchers in Ukraine, Europe, and beyond. It features contributions from participants in the 6th International Science and Practice Conference Nanotechnology and Nanomaterials (NANO2018) in Kiev, Ukraine on August 27-30, 2018 organized by the Institute of Physics of the National Academy of Sciences of Ukraine, University of Tartu (Estonia), University of Turin (Italy), and Pierre and Marie Curie University (France). Internationally recognized experts from a wide range of universities and research institutions share their knowledge and key results on material properties, behavior, and synthesis. This book's companion volume also addresses topics such as nanooptics, energy storage, and biomedical applications.

Power Transformer Diagnostics, Monitoring and Design Features

Introduction to Applied Linear Algebra

Government Reports Announcements

"IEEE Catalog Number 99TH8394"--verso of T.p.

Electromagnetic Noise and Quantum Optical Measurements

Proceedings of the 99th Colloquium of the International Astronomical Union, held in Balaton, Hungary, June 22-27, 1987

The Illustrated London News

From the reviews: "Haus' book provides numerous insights on topics of wide importance, and contains much material not available elsewhere in book form. [] an indispensable resource for those working in quantum optics or electronics." Optics & Photonics News

Government Reports Announcements & Index

A groundbreaking introduction to vectors, matrices, and least squares for engineering applications, offering a wealth of practical examples.

The Internet and Health Communication

Review of Metal Literature

Changes and additions to the new edition of this classic textbook include a new chapter on symmetries, new problems and examples, improved explanations, more numerical problems to be worked on a computer, new applications to solid state physics, and consolidated treatment of time-dependent potentials.

Introduction to Plasma Physics and Controlled Fusion

This new edition of the near-legendary textbook by Schlichting and revised by Gersten presents a comprehensive overview of boundary-layer theory and its application to all areas of fluid mechanics, with particular emphasis on the flow past bodies (e.g. aircraft aerodynamics). The new edition features an updated reference list and over 100 additional changes throughout the book, reflecting the latest advances on the subject.

NBS Special Publication

Introduction to Quantum Mechanics

Bioastronomy - The Next Steps

Proceedings of the 1999 7th International Symposium on the Physical & Failure Analysis of Integrated Circuits

U.S. Government Research & Development Reports

Into Physics

Boundary-Layer Theory

This database encompasses all aspects of the impact of people and technology on the environment and the effectiveness of remedial policies and technologies, featuring more than 950 journals published in the U.S. and abroad. The database

also covers conference papers and proceedings, special reports from international agencies, non-governmental organizations, universities, associations and private corporations. Other materials selectively indexed include significant monographs, government studies and newsletters.

Standard & Poor's Stock Reports

Indian Books in Print

Every 3d issue is a quarterly cumulation.

A Standard Dictionary of the English Language

Petroleum Management

JavaScript is at the heart of almost every modern Web application, whether it's Google Apps, Twitter, or the newest browser-based game. Though it's simple for beginners to pick up and play with, JavaScript is not a toy—it's a flexible and complex language that can be used to build full-scale applications. Eloquent

JavaScript dives into this flourishing language and teaches you to write code that's beautiful and effective. By immersing you in example code and encouraging experimentation right from the start, the author quickly gives you the tools you need to build your own programs. As you follow along with examples like an artificial life simulation and a version of the classic game Sokoban, you'll learn to: –Understand the essential elements of programming: syntax, control, and data –Use object-oriented and functional programming techniques to organize and clarify your programs –Script the browser and make basic Web applications –Work with tools like regular expressions and XMLHttpRequest objects And since programming is an art that's best learned by doing, all example code is available online in an interactive sandbox for you to experiment with. With Eloquent JavaScript as your guide, you can tweak, expand, and modify the author's code, or throw it away and build your own creations from scratch. Before you know it, you'll be fluent in the language of the Web.

The Dense Interstellar Medium in Galaxies

The Cologne-Bonn-Zermatt symposium is a well established series of conferences, occurring on a 5-year cycle, on the dense interstellar medium and related topics. The main results constitute valuable proceedings that offer everyone working in this field an authoritative and comprehensive source of reference.

Publications of the National Institute of Standards and Technology Catalog

The City Record

TO THE SECOND EDITION In the nine years since this book was first written, rapid progress has been made scientifically in nuclear fusion, space physics, and nonlinear plasma theory. At the same time, the energy shortage on the one hand and the exploration of Jupiter and Saturn on the other have increased the national awareness of the important applications of plasma physics to energy production and to the understanding of our space environment. In magnetic confinement fusion, this period has seen the attainment 13 of a Lawson number nTE of 2 x 10 cm -3 sec in the Alcator tokamaks at MIT; neutral-beam heating of the PL T tokamak at Princeton to KTi = 6. 5 keV; increase of average ß to 3%-5% in tokamaks at Oak Ridge and General Atomic; and the stabilization of mirror-confined plasmas at Livermore, together with injection of ion current to near field-reversal conditions in the 2XIIß device. Invention of the tandem mirror has given magnetic confinement a new and exciting dimension. New ideas have emerged, such as the compact torus, surface-field devices, and the EßT mirror-torus hybrid, and some old ideas, such as the stellarator and the reversed-field pinch, have been

revived. Radiofrequency heat ing has become a new star with its promise of dc current drive. Perhaps most importantly, great progress has been made in the understanding of the MHD behavior of toroidal plasmas: tearing modes, magnetic Vll Vlll islands, and disruptions.

Analytic Combinatorics

Nuclear Science Abstracts

This book is a printed edition of the Special Issue "Power Transformer Diagnostics, Monitoring and Design Features" that was published in Energies

Whitaker's Cumulative Book List

GCSE Mathematics Higher Tier

Book Review Index

Nanocomposites, Nanostructures, and Their Applications

The Publishers Weekly

Analytic combinatorics aims to enable precise quantitative predictions of the properties of large combinatorial structures. The theory has emerged over recent decades as essential both for the analysis of algorithms and for the study of scientific models in many disciplines, including probability theory, statistical physics, computational biology, and information theory. With a careful combination of symbolic enumeration methods and complex analysis, drawing heavily on generating functions, results of sweeping generality emerge that can be applied in particular to fundamental structures such as permutations, sequences, strings, walks, paths, trees, graphs and maps. This account is the definitive treatment of the topic. The authors give full coverage of the underlying mathematics and a thorough treatment of both classical and modern applications of the theory. The text is complemented with exercises, examples, appendices and notes to aid understanding. The book can be used for an advanced undergraduate or a graduate course, or for self-study.

Books in Print

Finite Element Procedures

The topic of hydrogen in an on metals and alloys is important in a number ofdisciplines including solid-state physics, materials science, physical chemistry, and energy technology. This volume treats the dynamics of hydrogen in intermetallic compounds, surface properties, kinetics, and applications of metal hydrides in energy technology. In addition, selected experimental methods are described. The introductory chapter will enable non-specialists to gain an overall picture of the field and to appreciate the relevant scientific issue. The companion volume, Hydrogene in Intermetallic Compounds I, was published as Vol. 63 of Topics in Applied Physics.

Eloquent JavaScript

With the popularity of the Internet, more and more people are turning to their computers for health information, advice, support and services. With its information based firmly on research, The Internet and Health Communication provides an in-depth analysis of the changes in human communication and health care resulting from the Internet revolution. Representing a wide range of expertise, the contributors provide an extensive variety of examples from the micro to the

macro, including information about HMO web sites, Internet pharmacies, and web-enabled hospitals, to vividly illustrate their findings and conclusions.

The Annual American Catalogue

Arts & Humanities Citation Index

Guide to Microforms in Print

An annotated survey of articles and technical papers appearing in the engineering, scientific and industrial journals and books here and abroad.

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