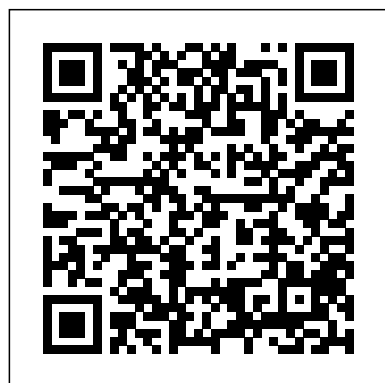


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[Methods in Karst Hydrogeology](#) World Health Organization

Instruction covering four exam modules: listening, reading, writing and speaking. Includes one practice test and answer key. Script of accompanying audio recording. [Spintronics Handbook, Second Edition: Spin Transport and Magnetism](#) McGraw Hill Professional

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Volume Two: Semiconductor Spintronics Springer Science & Business Media

In Key to Algebra new algebra concepts are explained in simple language, and examples are easy to follow. Word problems relate algebra to familiar situations, helping students understand abstract concepts. Students develop understanding by solving equations and inequalities intuitively before formal solutions are introduced. Students begin their study of algebra in Books 1-4 using only integers. Books 5-7 introduce rational numbers and expressions. Books 8-10 extend coverage to the real number system.

Includes: Key to Algebra, Book 1

[Physics and Astrophysics of Neutrinos](#) Springer Science & Business Media

A valuable resource for helping students develop and demonstrate an understanding of science content.

[Elementary College Geometry](#) IGI Global Snippet

This volume represents the most authoritative source of information on coronaviruses collected together in a single work. Chapters provide an up-to-date account of the molecular biology of coronaviruses and toroviruses as well as the pathogenesis of coronavirus and torovirus infections. Discussions emphasize the unique features of the coronaviridae and examine the concept of a 'coronavirus-like' superfamily. Academic researchers and their students as well as clinicians and veterinarians with an interest in coronavirus-related disease will benefit from this comprehensive reference.

Trapped Radiation Environment Model Program (1964-1991) Springer Science & Business Media

Although not so well known today, Book 4 of Pappus' Collection is one of the most important and influential mathematical texts from antiquity. The mathematical vignettes form a portrait of mathematics during the Hellenistic "Golden Age", illustrating central problems – for example, squaring the circle; doubling the cube; and trisecting an angle – varying solution strategies, and the different mathematical styles within ancient geometry. This volume provides an English translation of Collection 4, in full, for the first time, including: a new edition of the Greek text, based on a fresh transcription from the main manuscript and offering an alternative to Hultsch's standard edition, notes to facilitate understanding of the steps in the mathematical argument, a commentary highlighting aspects of the work that have so far been neglected, and supporting the reconstruction of a coherent plan and vision within the work, bibliographical references for further study.

[The NASA/National Space Science Data Center](#) Michael Adams

The aim of this book is to reflect on the complex practice of responsibility within the context of a globalised world and contemporary means of action. Levinas' exploration of the ethical serves as point of entry and is shown to be seeking inter-cultural political relevance through engagement with the issues of postcoloniality and humanism. Yet, Levinas fails to realise the ethical implications of the inevitable instrumental mediation between ethical meaning and political practice. With recourse to Weber, Apel and Ricoeur, Ernst Wolff proposes a theory of strategic co-responsibility for the uncertain global context of practice.

[Pappus of Alexandria: Book 4 of the Collection](#) Springer Science & Business Media

Electrons in Solids, Second Edition: An Introductory Survey introduces the reader to electrons in solids and covers topics ranging from particles and waves to the free electron model, energy bands, and junctions. Optical and electrical properties are also discussed, along with magnetic properties. The wavelike properties of all of matter are chosen as an integrating theme into which to weave such themes as crystal lattice vibrations (with their effect on electron mobility and electrical and thermal conductivity), electromagnetic waves (with their effect on optical reflection and absorption), and electronic transport in solids (with its dependence on the

wavelike properties of electrons). This book is comprised of 11 chapters and begins with an overview of particles and waves, together with classical views of electrons, light, and energy. The general properties of waves are then discussed, with particular reference to traveling waves, standing waves, transverse waves, and longitudinal waves. Lattice waves, light waves, and matter waves are also considered. The reader is also introduced to wave equations, boundary conditions, and general wave properties. The remaining chapters are devoted to optical, electrical, and magnetic properties as well as junctions, including metal-metal junctions, metal-semiconductor junctions, and metal-semiconductor junctions. This monograph is intended for undergraduates and first-year graduate students with a background primarily in materials science, metallurgy, or one of the other engineering disciplines.

[Imaging for Plastic Surgery](#) Routledge

This publication is a derived version of the International Classification of Functioning, Disability and Health (ICF, WHO, 2001) designed to record characteristics of the developing child and the influence of environments surrounding the child. This derived version of the ICF can be used by providers, consumers and all those concerned with the health, education, and well being of children and youth. It provides a common and universal language for clinical, public health, and research applications to facilitate the documentation and measurement of health and disability in child and youth populations.--Publisher's description.

[Exploring the Heart of Dixie](#) Duxbury Press

A traditional favorite, the NIV Children's Bible is a full-text Bible for kids with color illustrations of key Bible stories.

[Ultimate Gamer: Career Mode](#) Elsevier

This is the second edition of a very popular book on DICOM that introduces this complex standard from a very practical point of view. It is aimed at a broad audience of radiologists, clinical administrators, information technologists, medical students, and lecturers. The book provides a gradual, down to earth introduction to DICOM, accompanied by an analysis of the most common problems associated with its implementation. Compared with the first edition, many improvements and additions have been made, based on feedback from readers. Whether you are running a teleradiology project or writing DICOM software, this book will provide you with clear and helpful guidance. It will prepare you for any DICOM projects or problem solving, and assist you in taking full advantage of multifaceted DICOM functionality.

[General Catalogue of Printed Books to 1955](#) McGraw-Hill Education

Observations of neutrinos being emitted by the supernova SN1987A, star neutrinos, and atmospheric neutrinos have provided new insights into astronomy, as well as new unresolved phenomena such as the solar neutrino problem, spurring investigative studies among particle physicists and astrophysicists. One of the most important features of this book is its enumeration of a number of basic properties of neutrinos and their relationship to Grand Unified Theories, focusing on the origin of the neutrino's mass and the generation mixing of neutrinos. All the kamiokande results, detector performances, and complete references are included.

[Abandoned Alabama](#) Kingfisher

The importance of investigating karstified aquifers lies in their significance as a major source of drinking water. This book describes methods that are basic to all hydrogeological studies, such as hydraulic investigations, hydrochemistry, geophysics, isotope chemistry and modelling, but with the emphasis placed on their application to karst systems. Other techniques are specific to the karst environment, such as the speleological exploration of aquifers and water tracing. The various chapters of this book are written by experts in different methods. Most of the chapters are multi-authored, and the authors include hydrogeologists who are experienced in evaluating a variety of karst environments and who together, provide a comprehensive review of karst methods.

[After Levinas' Humanism](#) Cambridge University Press

From the bestselling author of Ecohouse, this fully revised edition of *Adapting Buildings and Cities for Climate Change* provides unique insights into how we can protect our buildings, cities, infra-structures and lifestyles against risks associated with extreme weather and related social, economic and energy events. Three new chapters present evidence of escalating rates of environmental change. The authors explore the growing urgency for mitigation and adaptation responses that deal with the resulting challenges. Theoretical information sits alongside practical design guidelines, so architects, designers and planners can not only see clearly what problems they face, but also find the solutions they need, in order to respond to

power and water supply needs. Considers use of materials, structures, site issues and planning in order to provide design solutions. Examines recent climate events in the US and UK and looks at how architecture was successful or not in preventing building damage. *Adapting Buildings and Cities for Climate Change* is an essential source, not just for architects, engineers and planners facing the challenges of designing our building for a changing climate, but also for everyone involved in their production and use.

Atomic-level Understanding of Scattering Processes at Surfaces How To Books

Easy and enjoyable to teach, *Touchstone* is packed with new and exciting ideas, offering a fresh approach to the teaching and learning of English.

An Introductory Survey transcript Verlag

Gibbon offers an explanation for why the Roman Empire fell, a task made difficult by a lack of comprehensive written sources, though he was not the only historian to tackle the subject. Most of his ideas are directly taken from what few relevant records were available: those of the Roman moralists of the 4th and 5th centuries.

[New Insight Into IELTS Student's Book Pack](#) CRC Press

Preoperative imaging is increasingly being adopted for preoperative planning in plastic and reconstructive surgery. Accurate preoperative analysis can reduce the length of operations and maximize surgical design and dissection techniques. *Imaging for Plastic Surgery* covers the techniques, applications, and potentialities of medical imaging technology in plastic and reconstructive surgery. Presenting state-of-the-art research on evolving imaging modalities, this cutting-edge text: Provides a practical introduction to imaging modalities that can be used during preoperative planning Addresses imaging principles of the face, head, neck, breast, trunk, and extremities Identifies the strengths and weaknesses of all available imaging modalities Demonstrates the added value of imaging in different clinical scenarios Comprised of contributions from world-class experts in the field, *Imaging for Plastic Surgery* is an essential imaging resource for surgeons, radiologists, and patient care professionals.

[A Practical Introduction and Survival Guide](#) Continuous-Time Signals and Systems (Version 2013-09-11)

The second edition offers an update on the single most comprehensive survey of the two intertwined fields of spintronics and magnetism, covering the diverse array of materials and structures, including silicon, organic semiconductors, carbon nanotubes, graphene, and engineered nanostructures. It focuses on seminal pioneering work, together with the latest in cutting-edge advances, notably extended discussion of two-dimensional materials beyond graphene, topological insulators, skyrmions, and molecular spintronics. The main sections cover physical phenomena, spin-dependent tunneling, control of spin and magnetism in semiconductors, and spin-based applications.

[Dynamics of Gas-Surface Interactions](#) National Academies Press

This book gives a representative survey of the state of the art of research on gas-surface interactions. It provides an overview of the current understanding of gas surface dynamics and, in particular, of the reactive and non-reactive processes of atoms and small molecules at surfaces. Leading scientists in the field, both from the theoretical and the experimental sides, write in this book about their most recent advances. Surface science grew as an interdisciplinary research area over the last decades, mostly because of new experimental technologies (ultra-high vacuum, for instance), as well as because of a novel paradigm, the 'surface science' approach. The book describes the second transformation which is now taking place pushed by the availability of powerful quantum-mechanical theoretical methods implemented numerically. In the book, experiment and theory progress hand in hand with an unprecedented degree of accuracy and control. The book presents how modern surface science targets the atomic-level understanding of physical and chemical processes at surfaces, with particular emphasis on dynamical aspects. This book is a reference in the field.

[The Career Change Handbook 4th Edition](#) CRC Press

Take your gaming skills beyond the screen in *Ultimate Gamer: Career Mode*—the ultimate handbook to becoming a game developer, Twitch streamer, or the next eSports pro! Learn how to storyboard, code, and test games, just like your favourite devs, or boost your Twitch subs by learning how to go pro. Written by Craig Steele—who has led gaming workshops at Resonate and Insomnia—this book will give you the low down on the coolest jobs in the gaming industry.