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The first comprehensive book to uniquely combine the three fields of systems engineering, operations/production systems, and multiple criteria decision making/optimization

Systems engineering is the art and science of designing, engineering, and building complex systems—combining art, science, management, and

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engineering disciplines. Operations and Production Systems with Multiple Objectives covers all classical topics of operations and production systems as well as new topics not seen in any similiar textbooks before: small-scale design of cellular systems, large-scale design of complex systems, clustering, productivity and efficiency measurements, and energy systems. Filled with completely new perspectives,

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paradigms, and robust methods of solving classic and modern problems, the book includes numerous examples and sample spreadsheets for solving each problem, a solutions manual, and a book companion site complete with worked examples and supplemental articles. Operations and Production Systems with Multiple Objectives will teach readers: How operations and production systems are

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*designed and planned How
operations and
production systems are
engineered and optimized
How to formulate and
solve manufacturing
systems problems How to
model and solve
interdisciplinary and
systems engineering
problems How to solve
decision problems with
multiple and conflicting
objectives This book is
ideal for senior
undergraduate, MS, and
PhD graduate students in
all fields of
engineering, business,*

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and management as well as practitioners and researchers in systems engineering, operations, production, and manufacturing.

Mechanics of Engineering Materials is the definitive textbook on the mechanics and strength of materials for students of engineering principles throughout their degree course. Assuming little or no prior knowledge, the theory of the subject is developed from first principles

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covering all topics of stress and strain analysis up to final year level.

Why Study Linguistics is designed to help anyone with an interest in studying language understand what linguistics is, and what linguists do. Exploring how the scientific study of language differs from other ways of investigating this uniquely human behavior, Why Study Linguistics:?

explores the various topics that students of

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linguistics study, including sound systems of language, the structure of words and sentences and their meanings, and the wider social context of language change and language variation;? explains what you might do with a degree in linguistics and the kinds of jobs and careers that studying linguistics prepares you for; is supported by a list of links to additional resources available online.? This

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book is the first of its kind and will be essential reading for anyone considering a course of study in this fascinating subject, as well as teachers, advisors, student mentors, and anyone who wants to know more about the scientific study of language.

Assuming little or no prior knowledge, Peter Benham develops the theory of the subject from first principles, and covers all topics of strain analysis.

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*Fatigue and Fracture
Belief and Religious
Experience in the
Canadian Forces
State Models and Java
Programs
Clinical Cardiac Pacing,
Defibrillation and
Resynchronization
Therapy E-Book
Architecture of the Well-
Tempered Environment
A Brief Guide to Online
Courses, from Small and
Private to Massive and
Open*

**The strange M. Proust -
the narrator, the
author, and the**

embodiment of A la
Recherche du Temps perdu
- is now so canonical a
writer that his very
strangeness is easily
overlooked. His book
made of other books, his
epic composed of
extraordinary
miniatures, his orderly
structure where every
law is subverted, his
chronology where time
can be undone and his
geography where places
can superimpose: in
these, and many other
ways, Proust continues
to astonish even readers

who have engaged with him for their entire careers. In this book, arising from the Princeton symposium of 2006, major critics come together to offer provocative readings of a work which is at the same time classical and unusual, French and foreign, familiar and strange. The book is dedicated to the memory of Malcolm Bowie (1943-2007), whose keynote address was one of his last major lectures. Other

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contributors include David Ellison, Anne Simon, Eugene Nicole, Joseph Bami, Raymonde Coudert, Christie McDonald, Michael Wood and Antoine Compagnon. Concurrency provides a thoroughly updated approach to the basic concepts and techniques behind concurrent programming. Concurrent programming is complex and demands a much more formal approach than sequential programming. In order to develop a thorough understanding

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of the topic Magee and Kramer present concepts, techniques and problems through a variety of forms: informal descriptions, illustrative examples, abstract models and concrete Java examples. These combine to provide problem patterns and associated solution techniques which enable students to recognise problems and arrive at solutions. New features include: New chapters covering program verification and logical

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properties. More student exercises. Supporting website contains an updated version of the LTSA tool for modelling concurrency, model animation, and model checking. Website also includes the full set of state models, java examples, and demonstration programs and a comprehensive set of overhead slides for course presentation. This book provides a comprehensive understanding of each aspect of offshore

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operations including conventional methods of operations, emerging technologies, legislations, health, safety and environment impact of offshore operations. The book starts by coverage of notable offshore fields across the globe and the statistics of present oil production, covering all types of platforms available along with their structural details. Further, it discusses production, storage and

transportation,
production equipment,
safety systems,
automation, storage
facilities and
transportation. Book
ends with common
legislation acts and
comparison of different
legislation acts of
major oil/gas producing
nations. The book is
aimed at professionals
and researchers in
petroleum engineering,
offshore technology,
subsea engineering, and
Explores the
engineering, technology,

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**system, environmental,
operational and
legislation aspects of
offshore productions
systems Covers most of
the subsea engineering
material in a concise
manner Includes
legislation of major oil
and gas producing
nations pertaining to
offshore operations (oil
and gas) Incorporates
case studies of major
offshore operations (oil
and gas) accidents and
lessons learnt Discusses
environment impact of
offshore operations**

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This book has its recent origins in a Master's course in Polymer Engineering at Manchester. It is a rather extended version of composite mechanics covered in about twenty five hours within a two-week intensive programme on Fibre Polymer Composites which also formed part of the UK Government and Industry-sponsored Integrated Graduate Development Scheme in Polymer Engineering. The material has also been

**used in other courses,
and in teaching to
students of engineering
and of polymer
technology both in the
UK and in mainland
Europe. There are
already many books
describing the analysis
of and mechanical
behaviour of
polymer/fibre
composites, so why write
another? Most of these
excellent books appear
to be aimed at readers
who already have a
substantial
understanding of stress**

analysis for linear elastic isotropic materials, who are thoroughly at home with mathematical analysis, and who seem often not to need much of the reassurance which numerical examples and illustrated applications can offer. In teaching the mechanics of composites to many groups of scientists, technologists and engineers, I have found that most of them need and seek an introduction before consulting the

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advanced texts. This book is intended to fill the gap. Throughout this text is interspersed a substantial range of examples to bring out the practical implications of the basic principles, and a wide range of problems (with outline solutions) to test the reader and extend understanding. Theory and Applications Callister's Materials Science and Engineering Gas Adsorption Equilibria 10 Keys to Student

**Empowerment
Medicine, Health and
Being Human
Tailor-Made Polymers**

The second edition of this highly informative book retains much original material covering the principles of structural mechanics and the strength of materials, together with the underlying concepts requisite to the theory of structure and structural design. Some of the material involving lengthy hand-drawing or hand-calculation has been replaced with more up-to-date relevant material and frequent reference is made to computer-aided learning techniques.

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This volume contains the papers presented at IALCCE2018, the Sixth International Symposium on Life-Cycle Civil Engineering (IALCCE2018), held in Ghent, Belgium, October 28-31, 2018. It consists of a book of extended abstracts and a USB device with full papers including the Fazlur R. Khan lecture, 8 keynote lectures, and 390 technical papers from all over the world. Contributions relate to design, inspection, assessment, maintenance or optimization in the framework of life-cycle analysis of civil engineering structures and infrastructure systems. Life-cycle aspects that are developed and discussed

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range from structural safety and durability to sustainability, serviceability, robustness and resilience. Applications relate to buildings, bridges and viaducts, highways and runways, tunnels and underground structures, off-shore and marine structures, dams and hydraulic structures, prefabricated design, infrastructure systems, etc. During the IALCCE2018 conference a particular focus is put on the cross-fertilization between different sub-areas of expertise and the development of an overall vision for life-cycle analysis in civil engineering. The aim of the editors is to provide a valuable source of cutting edge

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Information for anyone interested in life-cycle analysis and assessment in civil engineering, including researchers, practising engineers, consultants, contractors, decision makers and representatives from local authorities.

Algae have a long history of use as foods and for the production of food ingredients. There is also increasing interest in their exploitation as sources of bioactive compounds for use in functional foods and nutraceuticals. Functional ingredients from algae for foods and nutraceuticals reviews key topics in these areas,

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encompassing both macroalgae (seaweeds) and microalgae. After a chapter introducing the concept of algae as a source of biologically active ingredients for the formulation of functional foods and nutraceuticals, part one explores the structure and occurrence of the major algal components. Chapters discuss the chemical structures of algal polysaccharides, algal lipids, fatty acids and sterols, algal proteins, phlorotannins, and pigments and minor compounds. Part two highlights biological properties of algae and algal components and includes chapters on the antioxidant properties of algal components,

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anticancer agents derived from marine algae, anti-obesity and anti-diabetic activities of algae, and algae and cardiovascular health. Chapters in part three focus on the extraction of compounds and fractions from algae and cover conventional and alternative technologies for the production of algal polysaccharides. Further chapters discuss enzymatic extraction, subcritical water extraction and supercritical CO₂ extraction of bioactives from algae, and ultrasonic- and microwave-assisted extraction and modification of algal components. Finally, chapters in part four explore applications of

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algae and algal components in foods, functional foods and nutraceuticals including the design of healthier foods and beverages containing whole algae, prebiotic properties of algae and algae-supplemented products, algal hydrocolloids for the production and delivery of probiotic bacteria, and cosmeceuticals from algae. Functional ingredients from algae for foods and nutraceuticals is a comprehensive resource for chemists, chemical engineers and medical researchers with an interest in algae and those in the algaculture, food and nutraceutical industries

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Interested in the commercialisation of products made from algae. Provides an overview of the major compounds in algae, considering both macroalgae (seaweeds) and microalgae Discusses methods for the extraction of bioactives from algae Describes the use of algae and products derived from them in the food and nutraceutical industries

Comprehensive introduction to nonlinear elasticity for graduates and researchers, covering new developments in the field.

Engineering Materials and Processes e-Mega Reference Solutions Manual

Nonlinear Elasticity

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Field Book for Describing and
Sampling Soils

Mapping and Empire

Mechanics of Engineering
Materials

This first comprehensive handbook on this exciting field provides readers with a clear understanding of the current state of the art, ingenious solutions and opportunities. Researchers from academia and industry present such emerging topics as multi-component systems and computational chemistry, as well as the latest developments in competing and complementary technologies. The result is a well-balanced and up-to-date overview.

What role does religion play in the

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Canadian Forces today? Examining the changing functions of the official religious leaders in the chaplaincy as well as the place and purpose of religion in the lives of regular military personnel, *Religion in the Ranks* explores this question in the context of late modernity and the Canadian secular state. In-depth interviews with chaplains and with personnel of differing spiritual beliefs offer insight into how religion affects the real life experiences of those who have endured difficult assignments, witnessed atrocities, and struggled to overcome post-traumatic stress disorder. While identifying the historic function of religion in the Canadian Forces, Joanne Benham Rennick

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demonstrates that spiritual interests remain important, even to those who do not consider themselves to be religious. Arguing that the leadership, practices, and beliefs rooted in religious affiliations create essential support systems for individuals, both at home and on assignment, Benham Rennick shows that there is still a place for religion in Canada's military.

A comprehensive textbook on the mechanics and strength of materials for students of engineering throughout their undergraduate career. Assuming little or no prior knowledge, all of the topics of stress and strain analysis are covered. Mechanical properties such as tensile behavior, fatigue, creep, fracture,

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and impact are discussed, including the introduction of such advanced topics as finite element analysis, fracture mechanics, and composite materials. Computers and spreadsheets are used throughout to show their power as problem-solving tools.

This book provides an updated look at issues that comprise the online learning experience creation process. As online learning evolves, the lines and distinctions between various classifications of courses has blurred and often vanished. Classic elements of instructional design remain relevant at the same time that newer concepts of learning experience are growing in importance. However, problematic issues new and old still

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have to be addressed. This handbook explores many of these topics for new and experienced designers alike, whether creating traditional online courses, open learning experiences, or anything in between.

Statics and Mechanics of Materials

Mechanical Behavior of Materials

Mechanics of Fluids

Mechanics of Materials 2

Unlocking the Hero in Each Child

Security, Education and

Development in Contemporary

Africa

Discover how to work alongside your students to unlock their potential. This powerful book reveals 10 keys to creating a classroom where your students can take ownership of their

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learning and become heroes in their own lives. You'll learn how to build relationships, support, strength, willpower, soft skills, service, agency, curiosity, innovation, and productive failure. Each key is illustrated in a narrative format, designed with tips and notes to help you make practical changes immediately. By the end of the book, you'll have the foundational pieces you need to create a student-powered classroom where students can learn about themselves, fail forward, and gain courage to face challenges head on.

Materials Science and

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Engineering: An Introduction promotes student understanding of the three primary types of materials (metals, ceramics, and polymers) and composites, as well as the relationships that exist between the structural elements of materials and their properties.

As in previous editions, this ninth edition of Massey's Mechanics of Fluids introduces the basic principles of fluid mechanics in a detailed and clear manner. This bestselling textbook provides the sound physical understanding of fluid flow that is essential for an honours degree course in civil or mechanical engineering as well

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as courses in aeronautical and chemical engineering. Focusing on the engineering applications of fluid flow, rather than mathematical techniques, students are gradually introduced to the subject, with the text moving from the simple to the complex, and from the familiar to the unfamiliar. In an all-new chapter, the ninth edition closely examines the modern context of fluid mechanics, where climate change, new forms of energy generation, and fresh water conservation are pressing issues. SI units are used throughout and there are many worked examples. Though

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the book is essentially self-contained, where appropriate, references are given to more detailed or advanced accounts of particular topics providing a strong basis for further study. For lecturers, an accompanying solutions manual is available. A one-stop desk reference, for engineers involved in the use of engineered materials across engineering and electronics, this book will not gather dust on the shelf. It brings together the essential professional reference content from leading international contributors in the field. Material ranges from basic to advanced topics, including

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materials and process selection and explanations of properties of metals, ceramics, plastics and composites. A hard-working desk reference, providing all the essential material needed by engineers on a day-to-day basis

Fundamentals, key techniques, engineering best practice and rules-of-thumb together in one quick-reference sourcebook

Definitive content by the leading authors in the field, including Michael Ashby, Robert Messler, Rajiv Asthana and R.J. Crawford

Why Study Linguistics

Antifungal Therapy, Second Edition

Religion in the Ranks

*Soldier-Engineers on the
Southwestern Frontier
Experimental Methods and
Adsorptive Isotherms
The Mechanics of Elastic and
Plastic Deformation of Solids and
Structural Materials*

**Describes the one
hundred year history of
internal atmosphere and
light management systems
from convection-duct
ventilation to solar-
wall heating**

**One of the most
important subjects for
any student of
engineering or materials
to master is the**

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behaviour of materials and structures under load. The way in which they react to applied forces, the deflections resulting and the stresses and strains set up in the bodies concerned are all vital considerations when designing a mechanical component such that it will not fail under predicted load during its service lifetime. Building upon the fundamentals established in the introductory volume **Mechanics of**

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Materials 1, this book extends the scope of material covered into more complex areas such as unsymmetrical bending, loading and deflection of struts, rings, discs, cylinders plates, diaphragms and thin walled sections. There is a new treatment of the Finite Element Method of analysis, and more advanced topics such as contact and residual stresses, stress concentrations, fatigue, creep and fracture are also

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covered. Each chapter contains a summary of the essential formulae which are developed in the chapter, and a large number of worked examples which progress in level of difficulty as the principles are enlarged upon. In addition, each chapter concludes with an extensive selection of problems for solution by the student, mostly examination questions from professional and academic bodies, which are graded according to

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difficulty and furnished with answers at the end. Your must-have bench reference for cardiac electrophysiology is now better than ever! This globally recognized gold standard text provides a complete overview of clinical EP, with in-depth, expert information that helps you deliver superior clinical outcomes. In this updated 5th Edition, you'll find all-new material on devices, techniques, trials, and much more - all designed

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to help you strengthen your skills in this fast-changing area and stay on the cutting edge of today's most successful cardiac EP techniques. Expert guidance from world authorities who contribute fresh perspectives on the challenging clinical area of cardiac electrophysiology. New focus on clinical relevance throughout, with reorganized content and 15 new chapters. New coverage of balloons, snares, venoplasty,

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spinal and neural stimulation, subcutaneous ICDs and leadless pacing, non-CS lead implantation, His bundle pacing, and much more. New sections on cardiac anatomy and physiology and imaging of the heart, a new chapter covering radiography of devices, and thought-provoking new information on the basic science of device implantation. State-of-the-art guidance on pacing for spinal and neural stimulation,

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computer simulation and modeling, biological pacemakers, perioperative and pre-procedural management of device patients, and much more.

Space flight is a comprehensive and innovative part of technology. It encompasses many fields of technology. This monograph presents a cross section of the total field of expertise that is called "space flight". It provides an optimal reference with

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insight into the design,
construction and
analysis aspects of
spacecraft. The emphasis
of this book is put on
unmanned space flight,
particularly on the
construction of
spacecraft rather than
the construction of
launch vehicles.

Mechanics of Solids and
Structures: SI Units
Understanding the Basics
Second Edition
Offshore Operations and
Engineering
Engineering with Fibre-
Polymer Laminates

Via Immobilization of Alpha-Olefin Polymerization Catalysts

"This book emphasizes the physical and practical aspects of fatigue and fracture. It covers mechanical properties of materials, differences between ductile and brittle fractures, fracture mechanics, the basics of fatigue, structural joints, high temperature failures, wear, environmentally-induced failures, and steps in the failure analysis process."--publishers website.

The fifteen chapters of this book are arranged in a logical progression. The text begins with the more fundamental material on stress and strain transformations with elasticity theory for plane and axially symmetric bodies, followed by a full treatment of the theories of bending and torsion. Coverage of moment distribution, shear flow, struts and energy methods

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precede a chapter on finite elements. Thereafter, the book presents yield and strength criteria, plasticity, collapse, creep, visco-elasticity, fatigue and fracture mechanics. Appended is material on the properties of areas, matrices and stress concentrations. Each topic is illustrated by worked examples and supported by numerous exercises drawn from the author's teaching experience and professional institution examinations (CEI). This edition includes new material and an extended exercise section for each of the fifteen chapters, as well as three appendices. The broad text ensures its suitability for undergraduate and postgraduate courses in which the mechanics of solids and structures form a part including: mechanical, aeronautical, civil, design and materials engineering. From the sixteenth through the mid-nineteenth centuries, Spain, then Mexico,

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and finally the United States took ownership of the land from the Gulf Coast of Texas and Mexico to the Pacific Coast of Alta and Baja California—today's American Southwest. Each country faced the challenge of holding on to territory that was poorly known and sparsely settled, and each responded by sending out military mapping expeditions to set boundaries and chart topographical features. All three countries recognized that turning terra incognita into clearly delineated political units was a key step in empire building, as vital to their national interest as the activities of the missionaries, civilian officials, settlers, and adventurers who followed in the footsteps of the soldier-engineers. With essays by eight leading historians, this book offers the most current and comprehensive overview of the processes by which Spanish, Mexican, and U.S.

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soldier-engineers mapped the southwestern frontier, as well as the local and even geopolitical consequences of their mapping. Three essays focus on Spanish efforts to map the Gulf and Pacific Coasts, to chart the inland Southwest, and to define and defend its boundaries against English, French, Russian, and American incursions. Subsequent essays investigate the role that mapping played both in Mexico's attempts to maintain control of its northern territory and in the United States' push to expand its political boundary to the Pacific Ocean. The concluding essay draws connections between mapping in the Southwest and the geopolitical history of the Americas and Europe.

This book is intended to present for the first time experimental methods to measure equilibria states of pure and mixed gases being adsorbed on the surface

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of solid materials. It has been written for engineers and scientists from industry and academia who are interested in adsorption based gas separation processes and/or in using gas adsorption for characterization of the porosity of solid materials. This book is the result of a fruitful collaboration of a theoretician (JUK) and an experimentalist (RS) over more than twelve years in the field of gas adsorption systems at the Institute of Fluid- and Thermodynamics (IFT) at the University of Siegen, Siegen, Germany. This collaboration resulted in the development of several new methods to measure not only pure gas adsorption, but gas mixture or coadsorption equilibria on inert porous solids. Also several new theoretical results could be achieved leading to new types of so-called adsorption isotherms based on the concepts of molecular association and – phenomenologically speaking – on that

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of thermodynamic phases of fractal dimension. Naturally, results of international collaboration of the authors over the years (1980-2000) also are included.

An Introduction

The Silencing of Native Voices

Mechanics of Engineering Materials
Solutions Manual

The Strange M. Proust

Materials and Structures

Medicine, Health and Being Human
begins a conversation to explore how
the medical has defined us: that is, the
ways in which perspectives of medicine
and health have affected cultural
understandings of what it means to be
human. With chapters that span from
the early modern period through to the
contemporary world, and are drawn
from a range of disciplines, this volume

holds that incremental historical and cultural influences have brought about an understanding of humanity in which the medical is ingrained, consciously or unconsciously, usually as a mode of legitimisation. Divided into three parts, the book follows a narrative path from the integrity of the human soul, through to the integrity of the material human body, then finally brought together through engaging with end-of-life responses. Part 1 examines the move from spirituality to psychiatry in terms of the way medical science has influenced cultural understandings of the mind. Part 2 interrogates the role that medicine has played in the nineteenth and twentieth centuries in constructing and deconstructing the self and other, including the fusion of visual objectivity and the scientific gaze in constructing perceptions of humanity.

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Part 3 looks at the limits of medicine when the integrity of one body breaks down. It contends with the ultimate question of the extent to which humanity is confined within the integrity of the human body, and how medicine and the humanities work together toward responding to the finality of death. This is a valuable contribution for all those interested in the medical humanities, history of medicine, history of ideas and the social approaches to health and illness. This outstanding text offers a comprehensive treatment of the principles of the mechanical behavior of materials. Appropriate for senior and graduate courses, it is distinguished by its focus on the relationship between macroscopic properties, material microstructure, and fundamental concepts of bonding and crystal

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structure. The current, second edition retains the original editions extensive coverage of nonmetallics while increasing coverage of ceramics, composites, and polymers that have emerged as structural materials in their own right and are now competitive with metals in many applications. It contains new case studies, includes solved example problems, and incorporates real-life examples. Because of the books extraordinary breadth and depth, adequate coverage of all of the material requires two full semesters of a typical three-credit course. Since most curricula do not have the luxury of allocating this amount of time to mechanical behavior of materials, the text has been designed so that material can be culled or deleted with ease. Instructors can select topics they wish to emphasize and are able to proceed at

any level they consider appropriate. This volume delineates the critical link among security, education and development in Africa and provides a multidisciplinary framework of analyses and possible solutions. Africa has had a long history that embodies layers of mass-scale criminality and exploitation not merely from neocolonial and apartheid policies but also from political greed. This has impacted adversely on security, education and development in a way that deprivation of education and underdevelopment, in turn, re-creates security issues. The volume aims firstly to help augment scholarly inquiry into the nexus among in/security, education and development through the multidisciplinary framework of analyses; secondly to provide policymakers and educators with tools and a framework to comprehend the

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complexity and magnitude of the issues to which they ought to be sensitive and respond; and finally to provide caregivers and childcare agencies of the state a comprehensible framework of underlying, multifaceted sources of trauma experienced by children in extraordinary circumstances. It is organized in four sections: theoretical conceptualization on security and development; country cases on security and development; security and educational development; and country cases on security and education. Serving as a significant compass to understand and respond to the complex interplay and impact of security, education and development in Africa, it is of great use to graduates and scholars interested in Africa Politics, IPE, security studies and development studies.

Callister's Materials Science and

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Engineering: An Introduction promotes student understanding of the three primary types of materials (metals, ceramics, and polymers) and composites, as well as the relationships that exist between the structural elements of materials and their properties. The 10th edition provides new or updated coverage on a number of topics, including: the Materials Paradigm and Materials Selection Charts, 3D printing and additive manufacturing, biomaterials, recycling issues and the Hall effect.

Mechanics Of Solids And Structures (2nd Edition)

Operations and Production Systems with Multiple Objectives

Culture and Educational Policy in Hawai'i

Life Cycle Analysis and Assessment in Civil Engineering: Towards an

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Integrated Vision

Materials Science and Engineering Spacecraft Structures

This comprehensive educational history of public schools in Hawai'i shows and analyzes how dominant cultural and educational policy have affected the education experiences of Native Hawaiians. Drawing on institutional theory as a scholarly lens, the authors focus on four historical cases representing over 150 years of contact with the West. They carefully link historical events, significant people, educational policy, and law to cultural and social consequences for Native Hawaiian children and youth. The authors argue that since the early 1800s, educational policy in Hawai'i

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emphasizing efficiency has resulted in institutional structures that have degenerated Hawaiian culture, self-image, and sovereignty. Native Hawaiians have often been denied equal access to quality schools and resulting increased economic and social status. These policies were often overtly, or covertly, racist and reflected wider cultural views prevalent across the United States regarding the assimilation of groups into the American mainstream culture. The case of education in Hawai'i is used to initiate a broader discussion of similar historical trends in assimilating children of different backgrounds into the American system of education. The scholarly analysis presented in this

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book draws out historical, political, cultural, and organizational implications that can be employed to understand other Native and non-Native contexts. Given the increasing cultural diversity of the United States and the perceived failure of the American educational system in light of these changes, this book provides an exceptionally appropriate starting point to begin a discussion about past, present, and future schooling for our nation's children. Because it is written and comes from a Native perspective, the value of the "insider" view is illuminated. This underlying reminder of the Native eye is woven throughout the book in Ha'awina No'ono'o--the sharing of thoughts

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from the Native Hawaiian author.

With its primary focus on the education of native groups, this book is an extraordinary and useful work for scholars, thoughtful practitioners, policymakers, and those interested in Hawai'i, Hawaiian education, and educational policy and theory.

This new edition of Antifungal Therapy aims at providing concise, practical, need-to-know information for busy physicians dealing with fungal infections, such as infectious disease physicians, transplant surgeons, dermatologists, and intensivists, as well as basic scientists and pharmaceutical company researchers interested in the state of antifungal therapy. It

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provides a comprehensive, up-to-date overview of the pertinent issues pertaining to antifungal treatment including the basics of clinical mycology, management insights for various infections, evidence-based treatment recommendations, and helpful tables summarizing currently available pharmacokinetics data.

Key Features

- Features useful information on administration, dosage and pharmacology of antifungal drugs that can be difficult to use in clinical practice
- Contains common Clinical Questions & Answers to highlight frequently encountered patient issues
- Covers clinical mycology essentials in addition to antifungal treatment to

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- create a well-rounded reference
- Presents illustrations and clinical photos in full color to elucidate the concepts
- Provides detailed evidence of treatment recommendations

The approach of the Beer and Johnston texts has been appreciated by hundreds of thousands of students over decades of engineering education. The Statics and Mechanics of Materials text uses this proven methodology in a new book aimed at programs that teach these two subjects together or as a two-semester sequence. Maintaining the proven methodology and pedagogy of the Beer and Johnston series, Statics and Mechanics of

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Materials combines the theory and application behind these two subjects into one cohesive text. A wealth of problems, Beer and Johnston's hallmark Sample Problems, and valuable Review and Summary sections at the end of each chapter highlight the key pedagogy of the text.

Proceedings of the Sixth
International Symposium on Life-
Cycle Civil Engineering (IALCCE
2018), 28-31 October 2018, Ghent,
Belgium

Functional Ingredients from Algae
for Foods and Nutraceuticals

Concurrency

Creating Online Learning
Experiences