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The bestselling guide to the medical management of common genetic syndromes —now fully revised and expanded A review in the American Journal of Medical Genetics heralded the first edition of Management of Genetic Syndromes as an "unparalleled collection of knowledge." Since publication of the first edition, improvements in the molecular diagnostic testing of genetic conditions have greatly facilitated the identification of affected individuals. This thorough revision of the critically acclaimed bestseller offers original insights into the medical management of sixty common genetic syndromes seen in children and adults, and incorporates new research findings and the latest advances in diagnosis and treatment of these disorders. Expanded to cover five new syndromes, this comprehensive new edition also features updates of chapters from the previous editions. Each chapter is written by an expert with extensive direct professional experience with that disorder and incorporates thoroughly updated material on new genetic findings, consensus diagnostic criteria, and management strategies. Edited by two of the field's most highly esteemed experts, this landmark volume provides: A precise reference of the physical manifestations of common genetic syndromes, clearly written for professionals and families Extensive updates, particularly in sections on diagnostic criteria and diagnostic testing, pathogenesis, and management A tried-and-tested, user-friendly format, with each chapter including information on incidence, etiology and pathogenesis, diagnostic criteria and testing, and differential diagnosis Up-to-date and well-written summaries of the manifestations followed by comprehensive management guidelines, with specific advice on evaluation and treatment for each system affected, including references to original studies and reviews A list of family support organizations and resources for professionals and families Management of Genetic Syndromes, Third Edition is a premier source to guide family physicians, pediatricians, internists, medical geneticists, and genetic counselors in the clinical evaluation and treatment of syndromes. It is also the reference of choice for ancillary health professionals, educators, and families of affected individuals looking to understand appropriate guidelines for the management of these disorders. From a review of the first edition: "An unparalleled collection of knowledge . . . unique, offering a gold mine of information." —American Journal of Medical Genetics

Translation of hugely successful book aimed at advanced undergraduates, graduate students and researchers.

The Second Edition Of The Book Provides Even More Application Orientation. All The Chapters Have Been Thoroughly Revised. The Information Has Been Brought Up-To-Date By Incorporating The Latest Concepts And Developments In The Subject. Some Of The Chapters That Were Not Strictly Essential For Routine Practicals Have Been Omitted. The Hematology Section Has Been Thoroughly Updated. The Section On Mammalian Physiology Has Been Further Trimmed As Per The Recommendations Of The Mci. A New Chapter 'Clinical Examination Of The Gi System' Has Been Incorporated.

Proceedings of the ... International Conference

Forays into Jewish Memory, European History and Complex Identities

From Cellular Mechanisms to Integration

Intensive Review for the Emergency Medicine Qualifying Examination

INIS Atomindeks

Experiment, modeling and computation

F. dell'Isola, L. Placidi: Variational principles are a powerful tool also for formulating field theories. - F. dell'Isola, P. Seppecher, A. Madeo: Beyond Euler-Cauchy Continua. The structure of contact actions in N-th gradient generalized continua: a generalization of the Cauchy tetrahedron argument. - B. Bourdin, G.A. Francfort: Fracture. - S. Gavrilyuk: Multiphase flow modeling via Hamilton's principle. - V. L. Berdichevsky: Introduction to stochastic variational problems. - A. Carcaterra: New concepts in damping generation and control: theoretical formulation and industrial applications. - F. dell'Isola, P. Seppecher, A. Madeo: Fluid shock wave generation at solid-material discontinuity surfaces in porous media. Variational methods give an efficient and elegant way to formulate and solve mathematical problems that are of interest to scientists and engineers. In this book three fundamental aspects of the variational formulation of mechanics will be presented: physical, mathematical and applicative ones. The first aspect concerns the investigation of the nature of real physical problems with the aim of finding the best variational formulation suitable to those problems. The second aspect is the study of the well-posedeness of those mathematical problems which need to be solved in order to draw previsions from the formulated models. And the third aspect is related to the direct application of variational analysis to solve real engineering problems.

This conference is the first in a series of conferences dedicated to Fracture Mechanics of Concrete Structures. Due to the recent explosion of interest in research on fracture in concrete, the conference has brought together the world's leading researchers in fracture of concrete and this book contains the proceedings.

Variational Methods in the Mechanics of Solids contains the proceedings of the International Union of Theoretical and Applied Mechanics Symposium on Variational Methods in the Mechanics of Solids, held at Northwestern University in Evanston, Illinois, on September 11-13, 1978. The papers focus on advances in the application of variational methods to a variety of mathematically and technically significant problems in solid mechanics. The discussions are organized around three themes: thermomechanical behavior of composites, elastic and inelastic boundary value problems, and elastic and inelastic dynamic problems. This book is comprised of 58 chapters and opens by addressing some questions of asymptotic expansions connected with composite and with perforated materials. The following chapters explore mathematical and computational methods in plasticity; variational irreversible thermodynamics of open physical-chemical continua; macroscopic behavior of elastic material with periodically spaced rigid inclusions; and application of the Lanczos method to structural vibration. Finite deformation of elastic beams and complementary theorems of solid mechanics are also considered, along with numerical contact elastostatics; periodic solutions in plasticity and viscoplasticity; and the convergence of the mixed finite element method in linear elasticity. This monograph will appeal to practitioners of mathematicians as well as theoretical and applied mechanics.

Mechanics of Solid Materials

CNRM.

Medical Report of the Society of the Lying-in Hospital of the City of New York ...

Main Lectures Presented at the Second International Symposium on Polyvinylchloride, Lyon-Villeurbanne, France, 5 - 9 July 1976

Comprehensive Human Physiology

Instabilités Plastiques

Polyvinylchloride - 2 (Lyon - Villeurbanne, 1976) is a collection of lectures presented at the Second International Symposium on Polyvinylchloride, held in Lyon-Villeurbanne, France on July 5-9, 1976. This book is divided into seven chapters and begins with a survey of chemical modifications for improved mechanical properties and thermal stability of polyvinylchloride (PVC), including crosslinking chlorination, graft polymerization, and stabilization. The subsequent chapters examine the solution properties, rheology, processing, and structure of PVC. These topics are followed by discussions of the effect of some defects on static strength and the stress-cracking resistance of rigid PVC, as well as the heat and light stabilization of PVC, particularly the mode of action of stabilizers. The final chapter considers the thermal decomposition and combustion mechanisms of PVC. This book will prove useful to polymer chemists, researchers, and students.

Understanding of failure of quasibrittle materials is of paramount importance in many engineering fields. This subject has become a broad and important field of considerable mathematical complexity, with many competing models and unsolved problems. Attention in this volume focuses on concrete, rock, masonry, toughened ceramics, ice and other quasibrittle materials characterized by the development of large zones of cracking or other microstructural damage, and its localization into major fractures.

Rule and Rupture - State Formation Through the Production of Property and Citizenship examines the ways in which political authority is defined and created by the rights of community membership and access to resources. Combines the latest theory on property rights and citizenship with extensive fieldwork to provide a more complex, nuanced assessment of political states commonly viewed as “weak,” “fragile,” and “failed” Contains ten case studies taken from post-colonial settings around the world, including Cambodia, Nepal, Indonesia, Afghanistan, Rwanda, Somalia, Democratic Republic of Congo, Colombia, and Bolivia Characterizes the results of societal ruptures into three types of outcomes for political power: reconstituted and consolidated, challenged, and fragmented Brings together exciting insights from a global group of scholars in the fields of political science, development studies, and geography

Proceedings of the First International Conference on Fracture Mechanics of Concrete Structures (FraMCoS1), held at Beaver Run Resort, Breckenridge, Colorado, USA, 1-5 June 1992.

Holistic Care and Management of the Orthogeriatric Patient

An Evidence-Based Approach - Expert Consult

Presented at the 1992 Pressure Vessels and Piping Conference, New Orleans, Louisiana, June 21-25, 1992

The Shaping of Tuscany

This book deals with a non-traditional exposition of dimensional analysis, physical similarity theory and general theory of scaling phenomena.

This book consists of a range of essays covering the complex crises, tensions and dilemmas but also the positive potential in the meeting of Jews with Western culture. In numerous contexts and through the work of fascinating individuals and thinkers, the work examines some of the consequences of political, cultural and personal rupture, as well as the manifold ways in which various Jewish intellectuals, politicians (and occasionally spies!) sought to respond to these ruptures and carve out new, sometimes profound, sometimes fanciful, options of thought and action. It also delves critically into the attacks on liberal and Enlightenment humanism. In almost all the essays the fragility of things is palpably present and the book touches on some of the ironies, problematics and functions of responses to that condition. The work mirrors the author's ongoing fascination with the always fraught, fragile and creatively fecund confrontation of Jews (and others) with European modernity, its history, politics, culture and self-definition. In a time of increasing anxiety and feelings of fragility, this work may be helpful in understanding how people at an earlier (and sometimes contemporary) period sought to come to terms with a similar predicament.

Die vorliegenden Verhandlungen des IV. Internationalen Kongresses für Elektronenmikro· skopie, der unter den Auspizien der International Federation 0/ Electron Microscope Societies im Jahre 1958 in Berlin stattfand, veranschaulichen, in welchem Ausmaß die Elektronenmikroskopie in den letzten Jahren für viele Bereiche der Forschung an Bedeutung gewonnen hat. Etwa 400 Vorträge und einige Diskussionsbemerkungen, vor mehr als 1000 Teilnehmern aus 26 Ländern gehalten, waren zu veröffentlichen, wenn wir der Tradition der früheren Internationalen Kongresse in Delft (1949), in Paris (1950) und in London (1954) treu bleiben wollten. Zum ersten Male war es nicht möglich, alle auf einem Internationalen Kongreß für Elektronenmikroskopie gehaltenen Vorträge in einem einzigen Band zusammenzufassen. Der 1. Band dieser Verhandlungen enthält sowohl die Arbeiten zur Theorie der Elektronenmikroskopie und über die physikalische sowie technische Weiterentwicklung der Geräte, als auch Mitteilungen über die Anwendung des Elek· tronenmikroskops zur Erforschung kristallographischer und technologischer Probleme ein· schließlich der Präparationstechnik. Der 11. Band bringt die Arbeiten über die Anwendung des Elektronenmikroskops zur Lösung biologischer und medizinischer Fragestellungen und über die entsprechenden Prä parationsverfahren. In Abweichung von der Reihenfolge, in der die Vorträge auf dem Kongreß gehalten wurden, waren wir bemüht, die Mitteilungen nach ihrem Sinnzusammenhang in kleinere Sachgruppen einzuordnen, um ein leichtes und schnelles Auffinden zusammengehöriger Themen zu ermöglichen. Die Inhaltsverzeichnisse, die beiden Bänden beigefügt sind, vermitteln eine ausreichende Über. sicht. Jeder Band enthält ein alphabetisches Mitarbeiterverzeichnis. Die Deutsche Gesellschaft für Elektronenmikroskopie, die veranstaltende Organisation, begrüßte mit dankbarer Anerkennung, daß der Springer.

The Management of Breastfeeding

Textbook Of Practical Physiology - 2Nd Edn.

Fracture and Damage in Quasibrittle Structures

Computational Methods for Failure Analysis and Life Prediction

Heat Transfer Lectures

Scaling, Self-similarity, and Intermediate Asymptotics

The Management of Breastfeeding covers the developmental stages of infancy, including sensory capabilities and reflexes, nutritional needs of the mother-infant dyad, And The assessment and management of infant and mother health issues related to breastfeeding. The exams at the end of Modules 1, 2, 3, and 4, while still useful in preparing For The IBCLC exam, are not eligible for CERPS or Continuing Education credits for registered dietitians or nurses. The Lactation Specialist Self Study Series is comprised of four modules: Module 1: The Support of Breastfeeding (0-7637-0208-0) Module 2: The Process of Breastfeeding (0-7637-0195-5) Module 3: The Science of Breastfeeding (0-7637-0194-7) Module 4: The Management of Breastfeeding (0-7637-0193-9) the modules may be purchased separately, or as a complete set (0-7637-1974-9).

Proceedings of the Fifth Conference on Carbon

Les alliages à mémoire de forme sont des matériaux uniques qui ont la propriété de se souvenir des traitements thermomécaniques subis (traction, torsion, flexion, etc.). Ils sont très utilisés dans l'industrie biomédicale, l'aéronautique ou le nucléaire. Cet ouvrage traite de leur compréhension physique et mécanique, et de leur utilisation, en se concentrant principalement sur la nature de la transformation martensitique, expliquée à travers les théorèmes de Ball et James. Les modèles macroscopiques à variables internes donnent les clés pour le calcul des structures en alliage à mémoire de forme, particulièrement utile pour l’utilisation industrielle de ces matériaux. Professeur à l’Ecole nationale supérieure de mécanique et des microtechniques de Besançon, Christian Lexcellent mène des recherches depuis plus de 20 ans sur les alliages à mémoire de forme. Ses enseignements portent sur le comportement linéaire et non-linéaire des matériaux.

INIS Atomindex

Landscape and Society between Tradition and Modernity

Vierter Internationaler Kongress für Elektronenmikroskopie / Fourth International Conference on Electron Microscopy / Quatrième Congrès International de Microscopie Électronique

Rock Mechanics: Theoretical fundamentals

Fracture Mechanics of Concrete Structures

Clinical Orthopaedic Rehabilitation E-Book

Comprehensive Human Physiology is a significantly important publication on physiology, presenting state-of-the-art knowledge about both the molecular mechanisms and the integrative regulation of body functions. This is the first time that such a broad range of perspectives on physiology have been combined to provide a unified overview of the field. This groundbreaking two-volume set reveals human physiology to be a highly dynamic science rooted in the ever-continuing process of learning more about life. Each chapter contains a wealth of original data, clear illustrations, and extensive references, making this a valuable and easy-to-use reference. This is the quintessential reference work in the fields of physiology and pathophysiology, essential reading for researchers, lecturers and advanced students.

The most recent update to one of the most essential references on medical genetics Cassidy and Allanson's Management of Genetic Syndromes, 4th Edition is the latest version of a classic text in medical genetics. With newly covered disorders and cutting-edge, up-to-date information, this resource remains the most crucial reference on the management of genetic syndromes for students, clinicians, and researchers in the field of medical genetics. The 4th edition includes current information on the identification of genetic syndromes (including newly developed diagnostic criteria), the genetic basis (including diagnostic testing), and the routine care and management for more than 60 genetic disorders. Each, "expert authored", chapter includes sections on: Incidence Diagnostic criteria Etiology, pathogenesis and genetics Diagnostic testing Differential diagnosis Manifestations and Management (by system) The book focuses on genetic syndromes, primarily those involving developmental disabilities and congenital defects. The chapter sections dealing with Manifestations and Management represents the centerpiece of each entry and is unmatched by other genetic syndrome references. Management of Genetic Syndromes is perfect for medical geneticists, genetic counselors, primary care physicians and all health care professionals seeking to stay current on the routine care and management of individuals with genetic disorders.

In Clinical Orthopaedic Rehabilitation: An Evidence-Based Approach, Dr. S. Brent Brotzman and Robert C. Manske help you apply the most effective, evidence-based protocols for maximizing return to function following common sports injuries and post-surgical conditions. A well-respected, comprehensive source for evaluating, treating, and rehabilitating orthopaedic patients, the 3rd Edition guides you on the prevention of running injuries, the latest perturbation techniques, and the ACL rehabilitation procedures and functional tests you need to help get your patients back in the game or the office. You’ll also find a brand-new spine rehabilitation section, an extensively revised art program, and online access to videos demonstrating rehabilitation procedures of common orthopaedic conditions at www.expertconsult.com. Get expert guidance on everything you may see on a day-to-day basis in the rehabilitation of joint replacements and sports injuries. Apply evidence-based rehabilitation protocols to common sports conditions like ACL and meniscus injuries and post-surgical rehabilitation for the knee, hip, and shoulder. See how to perform perturbation techniques for ACL rehabilitation, ACL functional tests and return-to-play criteria after reconstruction, analysis of running gait to prevent and treat running injury, and more with videos online at www.expertconsult.com. Use the expert practices described in Tendinopathy and Hip Labral Injuries, part of the expanded "Special Topics" section, to help patients realize quicker recovery times. Visualize physical examination and rehabilitation techniques with the extensively revised art program that presents 750 figures and illustrations.

Russian Chemical Reviews

Variational Methods in the Mechanics of Solids

Numerical Methods in Fracture Mechanics

Les alliages à mémoire de forme

Essentials of Medical Physiology

Fragile Spaces

A COMPLETE review package for the Emergency Medicine qualifying exam -- based on the popular Manhattan Review Course Based on the acclaimed Manhattan Review Course and drawing on valuable insights from top New York City emergency departments, this review has everything you need to pass the Emergency Medicine written boards on your very first try. Here, you'll, get a concise walk-through of key emergency medicine topics, board-format Q&A, and a full-color image review with cases on CD -- all designed to give you a solid idea of what to expect on exam day. Intensive Review for the Emergency Medicine Qualifying Examination features a succinct outline format, yet it leaves nothing out, covering the full range of emergency medicine specialties. It all adds up to the ultimate board study companion -- one that can help you recall information pertinent to the practice of emergency medicine and approach the exam with confidence. FEATURES: Concise yet comprehensive outline-format review of all areas in the American Board of Emergency Medicine core curriculum, packed with insights emergency physicians and residents must know to succeed on the boards CD-ROM containing more than 250 board-style questions, answers, and rationales to simulate the actual exame 250+ board-style questions and answers More than 250 high-yield clinical images, including a section in full color Practical approach to emergency medicine exam preparation that refreshes your knowledge, instead of re-teaching what you already know Based on the respected Manhattan Review Course, and written by experts from New York City emergency departments

This book shows how the seemingly immutable Tuscan landscape was largely shaped by modern conflicts over economic resources and cultural meanings.

This open access book aims to provide a comprehensive but practical overview of the knowledge required for the assessment and management of the older adult with or at risk of fragility fracture. It considers this from the perspectives of all of the settings in which this group of patients receive nursing care. Globally, a fragility fracture is estimated to occur every 3 seconds. This amounts to 25 000 fractures per day or 9 million per year. The financial costs are reported to be: 32 billion EUR per year in Europe and 20 billon USD in the United States. As the population of China ages, the cost of hip fracture care there is likely to reach 1.25 billion USD by 2020 and 265 billion by 2050 (International Osteoporosis Foundation 2016). Consequently, the need for nursing for patients with fragility fracture across the world is immense. Fragility fracture is one of the foremost challenges for health care providers, and the impact of each one of those expected 9 million hip fractures is significant pain, disability, reduced quality of life, loss of independence and decreased life expectancy. There is a need for coordinated, multi-disciplinary models of care for secondary fracture prevention based on the increasing evidence that such models make a difference. There is also a need to promote and facilitate high quality, evidence-based effective care to those who suffer a fragility fracture with a focus on the best outcomes for recovery, rehabilitation and secondary prevention of further fracture. The care community has to understand better the experience of fragility fracture from the perspective of the patient so that direct improvements in care can be based on the perspectives of the users. This book supports these needs by providing a comprehensive approach to nursing practice in fragility fracture care.

Proceedings of the IUTAM Symposium on Variational Methods in the Mechanics of Solids Held at Northwestern University, Evanston, Illinois, U.S.A., 11-13 September 1978

Verhandlungen Band I Physikalisch-Technischer Teil

Telephone Engineer & Management
Learning from the Belgian Experience
Management of Genetic Syndromes
Fracture Mechanics

In this book, Michael F. Palo explains how a historical and theoretical examination of Belgian neutrality, 1839-1940, can help readers understand the behaviour of small/weak democracies in the international system.
A vast majority of failures emanate from stress concentrators such as geometrical discontinuities. The role of stress concentration was first highlighted by Inglis (1912) who gives a stress concentration factor for an elliptical defect, and later by Neuber (1936). With the progress in computing, it is now possible to compute the real stress distribution at a notch tip. This distribution is not simple, but looks like pseudo-singularity as in principle the power dependence with distance remains. This distribution is governed by the notch stress intensity factor which is the basis of Notch Fracture Mechanics. Notch Fracture Mechanics is associated with the volumetric method which postulates that fracture requires a physical volume. Since fatigue also needs a physical process volume, Notch Fracture Mechanics can easily be extended to fatigue emanating from a stress concentration.
Intended for engineers from a variety of disciplines dealing with structural materials, this text describes the current state of knowledge. It begins by describing the fracture process at the two extremes of scale: first in the context of atomic structures, then in terms of a continuous elastic medium. Treating the fracture process in increasingly sophisticated ways, the book then considers plastic corrections and the procedures for measuring the toughness of materials. Practical considerations are then discussed, including crack propagation, geometry dependence, flaw density, mechanisms of failure by cleavage, the ductile-brittle transition, and continuum damage mechanics. The whole is rounded off with discussions of generalised plasticity and the link between the microscopic and macroscopic aspects, and problems are provided at the end of each chapter.
Variational Models and Methods in Solid and Fluid Mechanics
Fragility Fracture Nursing
State Formation Through the Production of Property and Citizenship
Introduction to Hematology
Cumulated Index Medicus
Polyvinylchloride — 2

Management of Genetic SyndromesJohn Wiley & Sons

The basic concepts of continuous media mechanics are reviewed in the first part of this book. More particularly, the concept of plasticity is introduced from a thermodynamics standpoint. The second part, devoted to material strain mechanics, is an approach to the major constitutive laws independent of time. Emphasis is laid on solid-fluid-temperature coupling (thermoporous media). Two specific plasticity models are presented - the Cambridge model for clays, the Lade model for chalk. The third part deals with the mechanisms of material cohesion loss. A description of the conventional theory of elastic brittle fracture is followed by an examination of extremely recent concepts like homogenization or statistical damage to brittle materials. The final chapter examines the fundamental problem of shearing bands and the theory of bifurcation as an approach to solving it.

Fracture and Fatigue Emanating from Stress Concentrators
Pressure Vessel Fracture, Fatigue, and Life Management
10th International Congress on X-ray Optics and Microanalysis
Proceedings of the Fifth Conference on Carbon
Cassidy and Allanson's Management of Genetic Syndromes
Dimensional Analysis and Intermediate Asymptotics