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Boundary-Layer Theory - Hermann Schlichting (Deceased) 2016-10-04

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.

The Plural Society in the British West Indies - Michael Garfield Smith 1974

Beginning Sensor Networks with XBee, Raspberry Pi, and Arduino - Charles Bell 2020-06-25

Build sensor networks with Python and MicroPython using XBee radio modules, Raspberry Pi, and Arduino boards. This revised and updated edition will put all of these together to form a sensor network, and show you how to turn your Raspberry Pi into a MySQL database server to store your sensor data! You'll review the different types of sensors and sensor networks, along with new technology, including how to build a simple XBee network. You'll then walk through building an sensor nodes on the XBee, Raspberry Pi, and Arduino, and also learn how to collect data from multiple sensor nodes. The book also explores different ways to store sensor data, including writing to an SD card, sending data to the cloud, and setting up a Raspberry Pi MySQL server to host your data. You'll even learn how to connect to and interact with a MySQL database server directly from an

Arduino! Finally you'll see how to put it all together by connecting your sensor nodes to your new Raspberry Pi database server. If you want to see how well XBee, Raspberry Pi, and Arduino can get along, especially to create a sensor network, then *Beginning Sensor Networks with XBee, Raspberry Pi, and Arduino* is just the book you need. What You'll LearnCode your sensor nodes with Python and MicroPython Work with new XBee 3 modulesHost your data on Raspberry PiGet started with MySQLCreate sophisticated sensor networks Who This Book Is For Those interested in building or experimenting with sensor networks and IoT solutions, including those with little or no programming experience. A secondary target includes readers interested in using XBee modules with Raspberry Pi and Arduino, those interested in controlling XBee modules with MicroPython.

A History of the Mathematical Theory of Probability from the Time of Pascal to that of Laplace - Isaac Todhunter 1865

Strange and Schafermeyer's Pediatric Emergency Medicine, Fifth Edition - Robert W. Schafermeyer 2018-09-22

Concise, current, need-to-know coverage of emergency medicine in children – presented in full color Endorsed by the American College of Emergency Physicians "...a comprehensive and current resource for anyone who cares for children in an acute setting, from the office to the emergency department. Its presentation is straightforward, and the information is easy to read and assimilate. It will be a valuable resource for those in the field of pediatric

emergency medicine as well as other practitioners who occasionally care for sick children."—JAMA (reviewing an earlier edition) This clinically-focused guide covers the entire field of pediatric emergency medicine. Featuring a strong focus on practical need-to-know information Pediatric Emergency Medicine, Fifth Edition is bolstered by numerous full-color images, bulleted High-Yield Facts at the beginning of each chapter, nearly 100 diagnostic and treatment algorithms, and treatment tables with drug dosages. Endorsed by the American College of Emergency Physicians, this book is perfect for use in the emergency department or the pediatric clinic. FEATURES • Chapters open with bulleted High-Yield Facts, followed by just enough pathophysiology for understanding, and continue with a focus on what needs to be done to protect and save the child • Broad scope spans the full spectrum of pediatric emergencies -- from trauma care to psychosocial emergencies • NEW CHAPTER on Brief Resolved Unexplained Events (BRUE) • Opens with an important symptom-based section of Cardinal Presentations that familiarizes you with crucial life-saving protocols • Covers all major categories of disease that present in children on an urgent or emergent basis If you are in need of a very readable and easily accessible, evidence-based text written to help you provide high quality emergency medical care to children, your search ends here.

Pediatric Advanced Life Support Provider Manual - American Heart Association
2020-10-21
20-1119

Pro C# 7 - Andrew Troelsen 2017-11-21
This essential classic title provides a comprehensive foundation in the C# programming language and the frameworks it lives in. Now in its 8th edition, you'll find all the very latest C# 7.1 and .NET 4.7 features here, along with four brand new chapters on Microsoft's lightweight, cross-platform framework, .NET Core, up to and including .NET Core 2.0. Coverage of ASP.NET Core, Entity Framework (EF) Core, and more, sits alongside the latest updates to .NET, including Windows Presentation Foundation (WPF), Windows Communication Foundation (WCF), and ASP.NET MVC. Dive in and discover why Pro C#

has been a favorite of C# developers worldwide for over 15 years. Gain a solid foundation in object-oriented development techniques, attributes and reflection, generics and collections as well as numerous advanced topics not found in other texts (such as CIL opcodes and emitting dynamic assemblies). With the help of this book you'll have the confidence to put C# into practice and explore the .NET universe on your own terms. What You Will Learn Discover the latest C# 7.1 features, from tuples to pattern matching Hit the ground running with Microsoft's lightweight, open source .NET Core platform, including ASP.NET Core MVC, ASP.NET Core web services, and Entity Framework Core Find complete coverage of XAML, .NET 4.7, and Visual Studio 2017 Understand the philosophy behind .NET and the new, cross-platform alternative, .NET Core
Black Surgeons and Surgery in America - Don K. Nakayama 2021-10-22

The Book of a Thousand Judgements - Farraxvmart ī Vahrāmān 1997

Advanced Paediatric Life Support - Advanced Life Support Group (ALSG) 2016-02-18
Advanced Paediatric Life Support is the internationally renowned manual on emergency paediatric care, written to support the course run by the Advanced Life Support Group. Using their structured approach, a tried and tested practical method of treating children during the crucial first few hours of a life threatening illness or injury, Advanced Paediatric Life Support is used by doctors, nurses and allied health professionals dealing with emergencies in children. Its clear layout and straightforward style make it a highly practical tool both for training and in the event of an emergency. The sixth edition includes major new features bringing it right up to date, including: The latest International Liaison Committee on Resuscitation (ILCOR) 2015 Guidelines The latest consensus guidelines on paediatric trauma Enhanced discussions on the importance of human factors A new and improved design including full colour photographs and diagrams Free access to the Wiley E-Text With this book at hand, all those providing care during paediatric emergencies can be confident in having

comprehensive and authoritative guidance on the recognition and management of life threatening conditions necessary to save a child's life. This title is also available as a mobile App from MedHand Mobile Libraries. Buy it now from iTunes, Google Play or the MedHand Store. U.S. Government Research & Development Reports - 1967

Bibliography of Scientific and Industrial Reports - 1967-11

The Jewish Encyclopedia - Isidore Singer 1916

Critical Care Emergency Medicine - David Farcy 2011-10-27

The first comprehensive text on critical care emergency medicine "...goes a long way toward establishing emergency physicians as credible intensivists....The book is unique as it blends the perspective of a true intensivist with that of emergency medicine. The book is the first of its kind, and I predict it will become known as the standard reference for those emergency physicians, as well as others, who wish to understand the overlap between emergency medicine and critical care."--Thomas M. Scalea, MD, FACS, FCCM, R. Adams Cowley Shock Trauma Center and University of Maryland School of Medicine (from the foreword) Critical Care Emergency Medicine is destined to become the standard reference for all clinicians who wish to understand the overlap between emergency medicine and critical care. Written by experienced emergency physicians and intensivists, the book is unique in incorporating both perspectives into the practice of emergency medicine and critical care. Critical Care Emergency Medicine teaches emergency physicians everything they must know and do to better care for critically ill patients in an emergency department or to provide care in an ICU. Enhanced by numerous algorithms that speed decision making and full-color illustrations demonstrating anatomy and technique, this book is an essential practice tool. Critical Care Emergency Medicine delivers expert guidance on managing: Airway and Ventilatory Support Pulmonary Disorders Cardiovascular Disorders Gastrointestinal and Renal Disorders Neurologic and Neurosurgical Disorders Hematologic and

Endocrine Disorders Infectious Diseases Toxicologic Disorders You will also find important information on the use of ultrasound, fluid management, nutritional support, pediatric considerations, patient transportation, and end-of-life issues.

Maneuver and Firepower - John B. Wilson 1998

Public Health and Disasters - Emily Ying Yang Chan 2020-02-24

This book presents the health emergency and disaster risk management (H-EDRM) research landscape, with examples from Asia. In recent years, the intersection of health and disaster risk reduction (DRR) has emerged as an important interdisciplinary field. In several landmark UN agreements adopted in 2015–2016, including the Sendai Framework for Disaster Risk Reduction 2015–2030, the 2030 Sustainable Development Goals (SDGs), the Paris climate agreement, and the New Urban Agenda (Habitat III), health is acknowledged as an inevitable outcome and a natural goal of disaster risk reduction, and the cross-over of the two fields is essential for the successful implementation of the Sendai Framework. H-EDRM has emerged as an umbrella field that encompasses emergency and disaster medicine, DRR, humanitarian response, community health resilience, and health system resilience. However, this fragmented, nascent field has yet to be developed into a coherent discipline. Key challenges include redundant research, lack of a strategic research agenda, limited development of multisectoral and interdisciplinary approaches, deficiencies in the science-policy-practice nexus, absence of standardized terminology, and insufficient coordination among stakeholders. This book provides a timely and invaluable resource for undergraduate and postgraduate students, researchers, scholars, and frontline practitioners as well as policymakers from across the component domains of H-EDRM.

Advanced Trauma Life Support - 1994

TCRN® Study Guide Paper Copy - Pamela Bartley 2021-07-19

Pocket ICU - Gyorgy Frenzl 2012-07-16

Prepared by attending physicians at Harvard Medical School, *Pocket ICU*, follows the style of

Pocket Medicine, one of the best-selling references for medical students, interns, and residents. This pocket-sized loose-leaf resource can be used on the wards or in the operating room. Information is presented in a schematic, outline format, with diagrams and tables for quick, easy reference. Content coverage is brief but broad, encompassing all the subspecialty areas of critical care including adult and pediatric critical care, neuro-critical care, cardiac critical care, transplant, burn, and neonatal critical care.

Beginning Sensor Networks with Arduino and Raspberry Pi - Charles Bell 2014-01-23
Beginning Sensor Networks with Arduino and Raspberry Pi teaches you how to build sensor networks with Arduino, Raspberry Pi, and XBee radio modules, and even shows you how to turn your Raspberry Pi into a MySQL database server to store your sensor data! First you'll learn about the different types of sensors and sensor networks, including how to build a simple XBee network. Then you'll walk through building an Arduino-based temperature sensor and data collector, followed by building a Raspberry Pi-based sensor node. Next you'll learn different ways to store sensor data, including writing to an SD card, sending data to the cloud, and setting up a Raspberry Pi MySQL server to host your data. You even learn how to connect to and interact with a MySQL database server directly from an Arduino! Finally you'll learn how to put it all together by connecting your Arduino sensor node to your new Raspberry Pi database server. If you want to see how well Arduino and Raspberry Pi can get along, especially to create a sensor network, then Beginning Sensor Networks with Arduino and Raspberry Pi is just the book you need.

Trauma and Emergency Surgery - Georgios Tsoulfas 2021-07-14

One of the most interesting and challenging fields of surgery is trauma and emergency surgery. The formation of a trauma surgical subspecialty has led to a more organized system of dealing with trauma as well as saving lives. Emergency surgery has been the evolution of this, as an effort to incorporate the knowledge and skills of trauma surgery, intensive care, and emergency general surgery, all in one specialty. This is a collection of chapters describing the

nature of damage control surgery, which is one of the key concepts and strategies for managing the most challenging trauma and emergency surgery patients. The authors of this book represent a team of true global experts on the topic. In addition to the knowledge shared, the authors provide their personal clinical experience in a variety of different aspects of damage control surgery.

Adult Children - Adult Children of Alcoholics (Association) 2006

This is the official ACA Fellowship Text that is Adult Children of Alcoholics World Service Organization (ACA WSO) Conference Approved Literature. Adult Children of Alcoholics/Dysfunctional Families (ACA) is an independent 12 Step and 12 Tradition anonymous program.

Medical Response to Major Incidents and Disasters - Sten Lennquist 2012-01-03

This book, written by members of the core faculty responsible for European courses on Medical Response to Major Incidents (MRMI), is a practical guide for all medical staff on how to respond to a wide range of disaster scenarios. The entire spectrum of knowledge is covered, from command and coordination through to the management of individual casualties. Central importance is attached to the key component of decision making by explaining what needs to be done for patients in particular situations and the required order and timing of treatment measures. Simplified methods receive due attention, as it is often necessary for medical staff to administer primary treatment outside of their own specialty. This book will prove an invaluable aid to all who may be involved in the response to major accidents and disasters, including medical and nursing students, ambulance crew, and military personnel as well as medical specialists.

Advanced Trauma Life Support - American College of Surgeons. Committee on Trauma 2012

Student Course Manual

Trauma Nursing E-Book - Karen A. McQuillan 2019-08-18

Learn to provide state-of-the-art care to any patient in any setting with the most comprehensive trauma nursing resource available. Using the unique cycles of trauma

framework, *Trauma Nursing: From Resuscitation Through Rehabilitation*, 5th Edition features coverage of cutting-edge research findings and current issues, trends, and controversies in trauma nursing. The thoroughly updated fifth edition guides you through all phases of care - from preventive care and the time of injury to the resuscitative, operative, critical, intermediate, and rehabilitative stages. Plus, new chapters address unique trauma patient populations including pregnant women, children, the elderly, bariatric individuals, burned patients, those with a history of substance abuse and organ donors. With timely discussions on emerging topics such as mass casualty events and rural trauma, this is the most complete resource available for both students and experienced trauma nurses. UPDATED! Disaster preparedness, response and recovery for mass casualty incidents prepares students to act quickly and confidently in the event of a disaster, with guidelines for initial response and sustained response. UPDATED! The latest sepsis protocols, opioid use and pain/sedation protocols, and treating injured patients with diabetes. Special populations coverage prepares you to meet the needs of unique trauma patient populations including pregnant women, children, the elderly, bariatric individuals, burn patients, those with a history of substance abuse and organ donors. Coverage of specific issues that affect all patients regardless of their injury, gives you a solid understating of mechanism of injury, traumatic shock, patient/family psychosocial responses to trauma, pain, anxiety, delirium and sleep management; infection; wound healing, and nutrition. Tables and illustrations throughout add clarity to the content being discussed. NEW! Information on a team-centered, interdisciplinary approach to care. NEW! Up-to-date evidence-based information about issues that affect trauma care systems, includes injury pathophysiology, and state-of-the-art care for the trauma patient during all phases of care. NEW! All new content includes information on cultural sensitivity, care for caregivers, and how to handle self-harm injuries and suicide. NEW! Certification review questions help you to prepare for certification by listing the correct answers and rationales. NEW! Current recommendations for measuring fluid

administration responsiveness.

Architecture in Words - Louise Pelletier
2006-09-27

What if the house you are about to enter was built with the confessed purpose of seducing you, of creating various sensations destined to touch your soul and make you reflect on who you are? Could architecture have such power? This was the assumption of generations of architects at the beginning of modernity. Exploring the role of theatre and fiction in defining character in architecture, Louise Pelletier examines how architecture developed to express political and social intent. Applying this to the modern day, Pelletier considers how architects can learn from these eighteenth century attitudes in order to restore architecture's communicative dimension. Through an in-depth and interdisciplinary analysis of the beginning of modernity, Louise Pelletier encourages today's architects to consider the political and linguistic implications of their tools. Combining theory, historical studies and research, *Architecture in Words* will provoke thought and enrich the work of any architect.

AACN Essentials of Critical Care Nursing, Second Edition - Marianne Chulay 2010-05-24
The authoritative, evidence-based coverage you need to safely and competently care for adult, critically ill patients and their families - or prepare for the critical care nursing certification exam Endorsed by the American Association of Critical-Care Nurses and written by top clinical experts in acute care nursing, this textbook thoroughly covers all the need-to-know details on the care of adult, critically ill patients and their families. Supported by helpful tables and algorithms, the book's practical, building-block organization starts with the basics before proceeding to more complex concepts, paralleling the blueprint for the critical care nursing CCRN certification examination. *AACN Essentials of Critical Care Nursing* is divided into four logical sections, which, taken as a whole, will give you complete understanding of this challenging area of nursing practice: *The Essentials* - provides fundamental information that new clinicians must understand to provide safe, competent nursing care to all critically ill patients, regardless of their underlying medical diagnosis. *Pathological Conditions* - covers

pathologic conditions and management strategies commonly encountered in all adult critical care units. *Advanced Concepts in Caring for the Critically Ill Patient* - presents advanced critical care concepts or pathologic conditions that are less common or more specialized than those generally found in adult critical care units. *Key Reference Information* - includes reference information that you will find helpful in a clinical environment, such as normal laboratory and diagnostic values, algorithms for advanced cardiac life support, and summary tables of critical care drugs and cardiac rhythms. Each chapter begins with Knowledge Competencies that can be used to gauge your progress. This edition is compatible with ECCO (Essentials of Critical Care Orientation), the online program offered by the American Association of Critical-Care Nurses.

The Alexander Technique for Musicians -
Judith Kleinman 2013-11-21

The Alexander Technique for Musicians is a unique guide for all musicians, providing a practical, informative approach to being a successful and comfortable performer. Perfect as an introduction to the Alexander Technique, or to supplement the reader's lessons, the book looks at daily and last-minute practice, breathing, performance and performance anxiety, teacher-pupil relationships, ensemble skills, and the application of the Alexander Technique to instrumental and vocal work. Complete with diagrams and photographs to aid the learning process, as well as step-by-step procedures and diary entries written by participating students, *The Alexander Technique for Musicians* gives tried-and-tested advice, drawn from the authors' twenty-plus years of experience working with musicians, providing an essential handbook for musicians seeking the most from themselves and their art.

Trauma Induced Coagulopathy - Hunter B. Moore 2020-10-12

The first edition of this publication was aimed at defining the current concepts of trauma induced coagulopathy by critically analyzing the most up-to-date studies from a clinical and basic science perspective. It served as a reference source for any clinician interested in reviewing the pathophysiology, diagnosis, and management of the coagulopathic trauma patient, and the data

that supports it. By meticulously describing the methodology of most traditional as well as state of the art coagulation assays the reader is provided with a full understanding of the tests that are used to study trauma induced coagulopathy. With the growing interest in understanding and managing coagulation in trauma, this second edition has been expanded to 46 chapters from its original 35 to incorporate the massive global efforts in understanding, diagnosing, and treating trauma induced coagulopathy. The evolving use of blood products as well as recently introduced hemostatic medications is reviewed in detail. The text provides therapeutic strategies to treat specific coagulation abnormalities following severe injury, which goes beyond the first edition that largely was based on describing the mechanisms causing coagulation abnormalities. *Trauma Induced Coagulopathy 2nd Edition* is a valuable reference to clinicians that are faced with specific clinical challenges when managing coagulopathy.

Multisensor Data Fusion - David Hall 2001-06-20

The emerging technology of multisensor data fusion has a wide range of applications, both in Department of Defense (DoD) areas and in the civilian arena. The techniques of multisensor data fusion draw from an equally broad range of disciplines, including artificial intelligence, pattern recognition, and statistical estimation. With the rapid evolut

Trauma Certified Registered Nurse (TCRN) Examination Review - Kendra Menzies Kent, MS, RN-BC, CCRN, CNRN, SCR, TCRN 2017-01-05
This is a comprehensive review for the new trauma-certified registered nurse exam, featuring innovative clinical judgment-enhancing content review, 500 practice-test Q&As with rationales, test-taking skills, and in-depth coverage of the test blueprint. This review is distinguished by its unique "Think in Questions" format, which helps readers to anticipate the kinds of questions that might be asked and promotes critical thinking throughout the exam. The content review is comprised of bite-size sections for easier learning and memorization that include thousands of unfolding questions, answers, and hints. The review's user-friendly format guides candidates

through each topic with a short content review followed by a Socratic-style Q&A reasoning process to assist in arriving at the best possible clinical judgment. It also includes plentiful tables and charts to reinforce learning, a chapter on test-taking skills, specific guidance on preparing for the certification exam, and useful suggestions related to the exam format. Key Features: Goes beyond mere memorization of facts with "Think in Questions" Socratic-style content review Provides content review, practice exam-style Q&A with rationales, test-taking skills, and test blueprint format Includes thousands of unfolding questions, answers, and hints Contains "bite-size" sections for each topic for easier learning and memorization Includes 500 exam-style questions with rationales The Board of Certification for Emergency Nursing (BCEN) is the sole owner of the Trauma Certified Registered Nurse (TCRN) certification program. BCEN does not endorse any TCRN certification exam review resources or have a proprietary relationship with Springer Publishing Company.

Electric Sound - Joel Chadabe 1997

The author covers the development of the electronic musical instrument from Thaddeus Cahill's Telharmonium at the turn of the last century to the MIDI synthesizers of the 1990s. -- book cover.

COM Programming by Example - John Swanke 2000-01-06

Use MFC, ActiveX, ATL, ADO and COM+ to develop COM applications Implement client/server applications with ease with this example-oriented approach to the details and implementation of COM technology in network

applications. If there was ever a subject th
Government Reports Announcements - 1967

OAR Cumulative Index of Research Results -

OAR Quarterly Index of Current Research Results - United States. Air Force. Office of Aerospace Research 1959

Advanced Trauma Life Support Program for Doctors - 1997

AACN Essentials of Critical Care Nursing Pocket Handbook, Second Edition - Marianne Chulay 2010-05-24

Essential Data Critical Care Nurses Must Know Endorsed by the American Association of Critical-Care Nurses, this go-anywhere handbook features tables and figures that encapsulate all the information required to give safe and effective care to critically ill patients. Contents include: Critical Care Drug Tables • Normal Values for Laboratory Tests and Physiologic Parameters • Lists of Assessment Components • Cardiac Rhythms: ECG Characteristics and Treatment Guides, Including Sample Rhythm Strips • 12-Lead ECG Changes in Acute Myocardial Ischemia and Infarct • Troubleshooting Guide for Hemodynamic Monitoring Equipment • Indications for Mechanical Ventilation • Weaning Assessment Tool • ACLS Algorithms.

Advanced Trauma Life Support - 2012

ATLS, Advanced Trauma Life Support for Doctors - 2008-01-01