

Introduction Fluid Power Johnson James

Tap into Joel Levitt's vast array of experience and learn how to improve almost any aspect of your maintenance organization (including your own abilities)! This new edition of a classic first educates readers about the globalization of production and the changing of the guard of maintenance leadership, and then gives them real usable ideas to aid in these areas. Completely reorganized so that material is presented within the context of major sections, the second edition tells the story of maintenance management in factory settings. It provides coverage of potential problems and new opportunities, what bosses really want, specifics for improvement of maintenance and production, World Class Maintenance Management revisited and revised, quality improvement, complete coverage of current maintenance practices, processes, process aids, interfaces and strategies, as well as personal and personnel development strategies. Contains a specialized glossary so users can more easily understand the specialized language of factory maintenance. Provides specific "how-to" tips and concrete techniques and examples for continuous improvement. Updates the 20 steps to world class maintenance to include the 6 areas of focus for world class maintenance. Includes a completely updated maintenance evaluation questionnaire that reflects new techniques and technologies. Breaks down and explains the three-team approach to maintenance work. Offers new sections on: managing shutdowns, craft training, and communications. Contains major revisions to the RCM discussion and includes a new discussion about PMO.

Featuring easy-to-understand explanations of theory and underlying mathematics principles, this book provides readers with a complete introduction to fluid power, including hydraulics and pneumatics. The differences and similarities between hydraulics and pneumatics are identified, allowing readers to leverage their knowledge en route to new skills. Detailed color illustrations, photographs, and color-enhanced schematics are used effectively to add clarity to discussion of the construction and function of components. A dedicated section on component specifications is featured in each chapter, while realistic numbers are used and problems are stated in such a way as to develop practical system design skills. Knowledge of college-level algebra is assumed, but no trigonometry or calculus is required, making this book ideal for the technologist. Nomenclature, metric prefixes and conversion factors, equations, and graphic symbols are located in handy appendices for use by readers as they progress through the book. An introduction to the industry, plus a comprehensive glossary, is also included for the benefit of those who are just beginning their study of fluid power.

James Dunn is regarded worldwide as one of today's foremost biblical scholars. Having written groundbreaking studies of the New Testament and a standard work on Paul's theology, Dunn here turns his pen to the rise of Christianity itself. *Jesus Remembered* is the first installment in what will be a monumental three-volume history of the first 120 years of the faith. Focusing on Jesus, this first volume has several distinct features. It garners the lessons to be learned from the "quest for the historical Jesus" and meets the hermeneutical challenges to a historical and theological assessment of the Jesus tradition. It provides a fresh perspective both on the impact made by Jesus and on the traditions about Jesus as oral tradition -- hence the title "*Jesus Remembered*." And it offers a fresh analysis of the details of that tradition, emphasizing its characteristic (rather than dissimilar) features. Noteworthy too are Dunn's treatments of the source question (particularly Q and the noncanonical Gospels) and of Jesus the Jew in his Galilean context. In his detailed analysis of the Baptist tradition, the kingdom motif, the call to and character of discipleship, what Jesus' audiences thought of him, what he thought of himself, why he was crucified, and how and why belief in Jesus' resurrection began, Dunn engages wholeheartedly in the contemporary debate, providing many important

insights and offering a thoroughly convincing account of how Jesus was remembered from the first, and why. Written with peerless scholarly acumen yet accessible to a wide range of readers, Dunn's *Jesus Remembered*, together with its successor volumes, will be a sine qua non for all students of Christianity's beginnings.

This accessible textbook is the only introduction to linguistics in which each chapter is written by an expert who teaches courses on that topic, ensuring balanced and uniformly excellent coverage of the full range of modern linguistics. Assuming no prior knowledge the text offers a clear introduction to the traditional topics of structural linguistics (theories of sound, form, meaning, and language change), and in addition provides full coverage of contextual linguistics, including separate chapters on discourse, dialect variation, language and culture, and the politics of language. There are also up-to-date separate chapters on language and the brain, computational linguistics, writing, child language acquisition, and second-language learning. The breadth of the textbook makes it ideal for introductory courses on language and linguistics offered by departments of English, sociology, anthropology, and communications, as well as by linguistics departments.

The Essential Pocket Guide

The Club

Machines, the State, and War

Jesus Remembered

The Information

A James Boggs Reader

Last Rebel of the Civil War

The aim of this primer is to cover the essential theoretical information, quickly and concisely, in order to enable senior undergraduate and beginning graduate students to tackle projects in topical research areas of quantum fluids, for example, solitons, vortices and collective modes. The selection of the material, both regarding the content and level of presentation, draws on the authors analysis of the success of relevant research projects with newcomers to the field, as well as of the students feedback from many taught and self-study courses on the subject matter. Starting with a brief historical overview, this text covers particle statistics, weakly interacting condensates and their dynamics and finally superfluid helium and quantum turbulence. At the end of each chapter (apart from the first) there are some exercises. Detailed solutions can be made available to instructors upon request to the authors.

This is the brilliantly told story of one of the wonders of the modern world - how in less than a hundred years the British made themselves masters of India. They ruled it for another hundred, departing in 1947, leaving behind the independent states of India and Pakistan. British rule taught Indians to see themselves as Indians and its benefits included railways, hospitals, law and a universal language. But the Raj, outwardly so monolithic and magnificent, was always precarious. Its masters knew that it rested ultimately on the goodwill of Indians. This is a new look at a subject rich in incident and

character; the India of the Raj was that of Clive, Kipling, Curzon and Gandhi and a host of lesser known others. RAJ will provoke debate, for it sheds new light on Mountbatten and the events of 1946-47 which ended an exercise in benign autocracy and an experiment in altruism.

BRILLIANTLY EXPLORING TODAY'S CUTTING-EDGE BRAIN RESEARCH, MIND WIDE OPEN IS AN UNPRECEDENTED JOURNEY INTO THE ESSENCE OF HUMAN PERSONALITY, ALLOWING READERS TO UNDERSTAND THEMSELVES AND THE PEOPLE IN THEIR LIVES AS NEVER BEFORE. Using a mix of experiential reportage, personal storytelling, and fresh scientific discovery, Steven Johnson describes how the brain works -- its chemicals, structures, and subroutines -- and how these systems connect to the day-to-day realities of individual lives. For a hundred years, he says, many of us have assumed that the most powerful route to self-knowledge took the form of lying on a couch, talking about our childhoods. The possibility entertained in this book is that you can follow another path, in which learning about the brain's mechanics can widen one's self-awareness as powerfully as any therapy or meditation or drug. In *Mind Wide Open*, Johnson embarks on this path as his own test subject, participating in a battery of attention tests, learning to control video games by altering his brain waves, scanning his own brain with a \$2 million fMRI machine, all in search of a modern answer to the oldest of questions: who am I? Along the way, Johnson explores how we "read" other people, how the brain processes frightening events (and how we might rid ourselves of the scars those memories leave), what the neurochemistry is behind love and sex, what it means that our brains are teeming with powerful chemicals closely related to recreational drugs, why music moves us to tears, and where our breakthrough ideas come from. Johnson's clear, engaging explanation of the physical functions of the brain reveals not only the broad strokes of our aptitudes and fears, our skills and weaknesses and desires, but also the momentary brain phenomena that a whole human life comprises. Why, when hearing a tale of woe, do we sometimes smile inappropriately, even if we don't want to? Why are some of us so bad at remembering phone numbers but brilliant at recognizing faces? Why does depression make us feel stupid? To read *Mind Wide Open* is to rethink family histories, individual fates, and the very nature of the self, and to see that brain science is now personally transformative -- a valuable tool for better relationships and better living.

From the bestselling author of the acclaimed *Chaos and Genius* comes a thoughtful and provocative exploration of the big ideas of the modern era: Information, communication, and information theory. Acclaimed science writer James Gleick presents an eye-

opening vision of how our relationship to information has transformed the very nature of human consciousness. A fascinating intellectual journey through the history of communication and information, from the language of Africa's talking drums to the invention of written alphabets; from the electronic transmission of code to the origins of information theory, into the new information age and the current deluge of news, tweets, images, and blogs. Along the way, Gleick profiles key innovators, including Charles Babbage, Ada Lovelace, Samuel Morse, and Claude Shannon, and reveals how our understanding of information is transforming not only how we look at the world, but how we live. A New York Times Notable Book A Los Angeles Times and Cleveland Plain Dealer Best Book of the Year Winner of the PEN/E. O. Wilson Literary Science Writing Award

Fundamentals and Applications

Why Nations Fail

A Primer on Quantum Fluids

Reimagining Global Health

Christianity in the Making, Volume 1

Caliban's War

Electric Vehicle Technology Explained

Praise for the previous edition: "... highly recommended for high school, public, and academic libraries."

Praise for the First Edition "... outstandingly appealing with regard to its style, contents, considerations of requirements of practice, choice of examples, and exercises." —Zentralblatt Math "... carefully structured with many detailed worked examples ..." —The Mathematical Gazette "... an up-to-date and user-friendly account ..." —Mathematika An Introduction to Numerical Methods and Analysis addresses the mathematics underlying approximation and scientific computing and successfully explains where approximation methods come from, why they sometimes work (or don't work), and when to use one of the many techniques that are available. Written in a style that emphasizes readability and usefulness for the numerical methods novice, the book begins with basic, elementary material and gradually builds up to more advanced topics. A selection of concepts required for the study of computational mathematics is introduced, and simple approximations using Taylor's Theorem are also treated in some depth. The text includes exercises that run the gamut from simple hand computations, to challenging derivations and minor proofs, to programming exercises. A greater emphasis on applied exercises as well as the cause and effect associated with numerical mathematics is featured throughout the book. An Introduction to Numerical Methods and Analysis is the ideal text for students in advanced undergraduate mathematics and engineering courses who are interested in gaining an understanding of numerical methods and numerical analysis.

Brilliant and engagingly written, Why Nations Fail answers the question that has

stumped the experts for centuries: Why are some nations rich and others poor, divided by wealth and poverty, health and sickness, food and famine? Is it culture, the weather, geography? Perhaps ignorance of what the right policies are? Simply, no. None of these factors is either definitive or destiny. Otherwise, how to explain why Botswana has become one of the fastest growing countries in the world, while other African nations, such as Zimbabwe, the Congo, and Sierra Leone, are mired in poverty and violence? Daron Acemoglu and James Robinson conclusively show that it is man-made political and economic institutions that underlie economic success (or lack of it). Korea, to take just one of their fascinating examples, is a remarkably homogeneous nation, yet the people of North Korea are among the poorest on earth while their brothers and sisters in South Korea are among the richest. The south forged a society that created incentives, rewarded innovation, and allowed everyone to participate in economic opportunities. The economic success thus spurred was sustained because the government became accountable and responsive to citizens and the great mass of people. Sadly, the people of the north have endured decades of famine, political repression, and very different economic institutions—with no end in sight. The differences between the Koreas is due to the politics that created these completely different institutional trajectories. Based on fifteen years of original research Acemoglu and Robinson marshal extraordinary historical evidence from the Roman Empire, the Mayan city-states, medieval Venice, the Soviet Union, Latin America, England, Europe, the United States, and Africa to build a new theory of political economy with great relevance for the big questions of today, including: - China has built an authoritarian growth machine. Will it continue to grow at such high speed and overwhelm the West? - Are America's best days behind it? Are we moving from a virtuous circle in which efforts by elites to aggrandize power are resisted to a vicious one that enriches and empowers a small minority? - What is the most effective way to help move billions of people from the rut of poverty to prosperity? More philanthropy from the wealthy nations of the West? Or learning the hard-won lessons of Acemoglu and Robinson's breakthrough ideas on the interplay between inclusive political and economic institutions? *Why Nations Fail* will change the way you look at—and understand—the world.

Scores of wild species and ecosystems around the world face a variety of human-caused threats, from habitat destruction and fragmentation to rapid climate change. But there is hope, and it, too, comes in a most human form: zoos and aquariums. Gathering a diverse, multi-institutional collection of leading zoo and aquarium scientists as well as historians, philosophers, biologists, and social scientists, *The Ark and Beyond* traces the history and underscores the present role of these organizations as essential conservation actors. It also offers a framework for their future course, reaffirming that if zoos and aquariums make biodiversity conservation a top priority, these institutions can play a vital role in tackling conservation challenges of global magnitude. While early menageries

were anything but the centers of conservation that many zoos are today, a concern with wildlife preservation has been an integral component of the modern, professionally run zoo since the nineteenth century. From captive breeding initiatives to rewilding programs, zoos and aquariums have long been at the cutting edge of research and conservation science, sites of impressive new genetic and reproductive techniques. Today, their efforts reach even further beyond recreation, with educational programs, community-based conservation initiatives, and international, collaborative programs designed to combat species extinction and protect habitats at a range of scales. Addressing related topics as diverse as zoo animal welfare, species reintroductions, amphibian extinctions, and whether zoos can truly be “wild,” this book explores the whole range of research and conservation practices that spring from zoos and aquariums while emphasizing the historical, scientific, and ethical traditions that shape these efforts. Also featuring an inspiring foreword by the late George Rabb, president emeritus of the Chicago Zoological Society / Brookfield Zoo, *The Ark and Beyond* illuminates these institutions’ growing significance to the preservation of global biodiversity in this century.

Molecular Biology of the Cell

An Introduction to Language and Linguistics

Health and Politics in the Oval Office

Dixie City Jam

Fluid Power Circuits and Controls

Edgar Cayce in Context

Theory and Applications

Places the work of Edgar Cayce in historical context and assesses the validity of his “readings.”

Spanning four and a half centuries, James A. Michener’s monumental saga chronicles the epic history of Texas, from its Spanish roots in the age of the conquistadors to its current reputation as one of America’s most affluent, diverse, and provocative states. Among his finely drawn cast of characters, emotional and political alliances are made and broken, as the loyalties established over the course of each turbulent age inevitably collapse under the weight of wealth and industry. With Michener as our guide, Texas is a tale of patriotism and statesmanship, growth and development, violence and betrayal—a stunning achievement by a literary master. **BONUS:** This edition includes an excerpt from James A. Michener’s *Hawaii*. Praise for Texas “Fascinating.”—*Time* “A book about oil and water, rangers and outlaws, frontier and settlement, money and power . . . [James A. Michener] manages to make history vivid.”—*The Boston Globe* “A sweeping panorama . . . [Michener] grapples earnestly with the Texas character in a way that Texas’s own writers often don’t.”—*The Washington Post Book World* “Vast, sprawling, and eclectic in population and geography, the state has just the sort of larger-than-life history that lends itself to Mr. Michener’s taste for multigenerational epics.”—*The New York Times*

The second book in the NYT bestselling *Expanse* series, *Caliban’s War* shows a solar system on the brink of war, and the only hope of peace rests on James Holden and the crew of the *Rocinante*’s shoulders. Now a Prime Original series. We are not alone. On Ganymede, breadbasket of the outer planets, a Martian marine watches as her platoon is slaughtered by a monstrous supersoldier. On Earth, a high-level politician struggles to prevent interplanetary war from reigniting. And on Venus, an alien protomolecule has overrun the planet, wreaking massive, mysterious changes and threatening to spread out into the solar system. In the vast wilderness of space, James Holden and the crew of the *Rocinante* have been keeping the peace for the Outer Planets Alliance. When they agree to help a scientist search

war-torn Ganymede for a missing child, the future of humanity rests on whether a single ship can prevent an alien invasion that may have already begun . . .

From two-time Edgar Award–winner and New York Times bestselling author James Lee Burke comes a thrilling novel—now available in ebook—that pits Dave Robicheaux against the worst opponent he’s encountered yet. It’s out there, under the salt of the Gulf of Mexico, off the Louisiana coast—a buried Nazi submarine. Detective Dave Robicheaux of the New Iberia Sheriff’s office has known of its existence since childhood, when he was terrified by nightmares of the evil Nazi sailors just offshore. Then, as a teenager he stumbled upon the sunken sub while scuba diving—but for years he kept the secret of its watery grave. But decades later, a powerful Jewish activist wants the sub raised, and Robicheaux’s knowledge puts him at the center of a terrifying struggle of conflicting desires. A neo-Nazi psychopath named Will Buchalter, who insists that the Holocaust was a hoax, wants to find the submarine first—and he’ll stop at nothing to get Robicheaux to talk. With colorful characters, flawless plotting, and devilishly clever dialogue, *Dixie City Jam* is a spine-tingling suspense novel you won’t want to miss!

Pages from a Black Radical's Notebook

Anatomy & Physiology

Exploring Tech Careers, Fourth Edition, 2-Volume Set

Introduction to Community and Public Health

Managing Factory Maintenance

Nothing About Us Without Us

Raj

With the intrigue of a psychological thriller, Camus's masterpiece gives us the story of an ordinary man unwittingly drawn into a senseless murder on an Algerian beach. Behind the intrigue, Camus explores what he termed "the nakedness of man faced with the absurd" and describes the condition of reckless alienation and spiritual exhaustion that characterized so much of twentieth-century life. First published in 1946; now in translation by Matthew Ward.

Scores of talented and dedicated people serve the forensic science community, performing vitally important work. However, they are often constrained by lack of adequate resources, sound policies, and national support. It is clear that change and advancements, both systematic and scientific, are needed in a number of forensic science disciplines to ensure the reliability of work, establish enforceable standards, and promote best practices with consistent application. *Strengthening Forensic Science in the United States: A Path Forward* provides a detailed plan for addressing these needs and suggests the creation of a new government entity, the National Institute of Forensic Science, to establish and enforce standards within the forensic science community. The benefits of improving and regulating the forensic science disciplines are clear: assisting law enforcement officials, enhancing homeland security, and reducing the risk of wrongful conviction and exoneration. *Strengthening Forensic Science in the United States* gives a full account of what is needed to advance the forensic science disciplines, including upgrading of systems and organizational structures, better training, widespread adoption of uniform and enforceable best practices, and mandatory certification and accreditation programs. While this book provides an essential call-to-action for congress and policy makers, it also serves as a vital tool for law enforcement agencies, criminal prosecutors and attorneys, and forensic science educators.

This book is intended for new owners, engineers, technicians, purchasing agents, chief operating officers, finance managers, quality control managers, sales managers, or other employees who want to learn and grow in metal manufacturing business. The book covers the following: 1. Basic metals, their selection, major producers, and suppliers ’ websites 2. Manufacturing processes such as forgings, castings, steel fabrication, sheet metal fabrication, and stampings and their equipment suppliers ’ websites 3. Machining and finishing processes and equipment suppliers ’ websites 4. Automation equipment information and websites of their suppliers 5. Information about engineering drawings and quality control 6. Lists of sources of trade magazines (technical books that will provide more information on each subject discussed in the book)

Caring for children with heart disease is extremely complex, requiring a different and often tailor-made

approach compared with adults with similar cardiac problems. Built on the success of previous editions and brought to you by a stellar author team, *Pediatric Cardiology: The Essential Pocket Guide* provides a unique, concise and extremely practical overview of heart disease in children. From history-taking, physical examination, ECG, and chest X-ray – the basics that enable clinicians to uncover possible problems and eliminate areas of false concern – it goes on to examine the range of more complex topics in the diagnosis and treatment/management of childhood cardiovascular disease. New to this edition you will find: An enhanced section on imaging including recent advances in cardiac MRI and fetal echocardiography. New techniques in genetic testing for heart disease in special populations. Much more emphasis on the importance of echocardiography in understanding the pathophysiology of congenital cardiac malformations. Expanded section on cardiac conditions in the neonate, specifically on prenatal diagnosis and management, neonatal screening for congenital heart disease, and hypoplastic left heart syndrome. Expanded and updated congestive cardiac failure section, including the latest in genetic and metabolic causes of heart failure, and medical/surgical treatment options; discussion of bridging therapies; essentials of transplantation, including common drug treatment regimens, clinical recognition of treatment complications and rejection, outcomes, morbidity and survival. In addition, every chapter is fully updated with the very latest clinical guidelines and management options from the AHA, ACC and ESC. *Pediatric Cardiology: The Essential Pocket Guide*, 3rd edition, is quite simply a must-have guide for all members of the multidisciplinary team managing children suffering from heart disease.

The Case for the NBA's Greatest Player

The Stranger

How Certain Schemes to Improve the Human Condition Have Failed

ImI Intro to Fluid Power

LeBron James vs. the NBA

Johnson, Boswell, and the Friends Who Shaped an Age

Mind Wide Open

Fully updated throughout, *Electric Vehicle Technology, Second Edition*, is a complete guide to the principles, design and applications of electric vehicle technology. Including all the latest advances, it presents clear and comprehensive coverage of the major aspects of electric vehicle development and offers an engineering-based evaluation of electric motor scooters, cars, buses and trains. This new edition includes: important new chapters on types of electric vehicles, including pickup and linear motors, overall efficiencies and energy consumption, and power generation, particularly for zero carbon emissions expanded chapters updating the latest types of EV, types of batteries, battery technology and other rechargeable devices, fuel cells, hydrogen supply, controllers, EV modeling, ancillary system design, and EV and the environment brand new practical examples and case studies illustrating how electric vehicles can be used to substantially reduce carbon emissions and cut down reliance on fossil fuels futuristic concept models, electric and high-speed trains and developments in magnetic levitation and linear motors an examination of EV efficiencies, energy consumption and sustainable power generation. MATLAB® examples can be found on the companion website www.wiley.com/go/electricvehicle2e Explaining the underpinning science and technology, this book is essential for practicing electrical, automotive, power, control and instrumentation engineers working in EV research and development. It is also a valuable reference for academics and students in automotive, mechanical, power and electrical engineering.

In this brilliant biography T. J. Stiles offers a new understanding of the legendary outlaw Jesse James. Although he has often been portrayed as a Robin Hood of the old west, in

this ground-breaking work Stiles places James within the context of the bloody conflicts of the Civil War to reveal a much more complicated and significant figure. Raised in a fiercely pro-slavery household in bitterly divided Missouri, at age sixteen James became a bushwhacker, one of the savage Confederate guerrillas that terrorized the border states. After the end of the war, James continued his campaign of robbery and murder into the brutal era of reconstruction, when his reckless daring, his partisan pronouncements, and his alliance with the sympathetic editor John Newman Edwards placed him squarely at the forefront of the former Confederates' bid to recapture political power. With meticulous research and vivid accounts of the dramatic adventures of the famous gunman, T. J. Stiles shows how he resembles not the apolitical hero of legend, but rather a figure ready to use violence to command attention for a political cause—in many ways, a forerunner of the modern terrorist.

Collects nearly four decades' worth of writings by Detroit political and labor activist James Boggs.

Prize-winning biographer Leo Damrosch tells the story of “the Club,” a group of extraordinary writers, artists, and thinkers who gathered weekly at a London tavern. In 1763, the painter Joshua Reynolds proposed to his friend Samuel Johnson that they invite a few friends to join them every Friday at the Turk's Head Tavern in London to dine, drink, and talk until midnight. Eventually the group came to include among its members Edmund Burke, Adam Smith, Edward Gibbon, and James Boswell. It was known simply as “the Club.” In this captivating book, Leo Damrosch brings alive a brilliant, competitive, and eccentric cast of characters. With the friendship of the “odd couple” Samuel Johnson and James Boswell at the heart of his narrative, Damrosch conjures up the precarious, exciting, and often brutal world of late eighteenth-century Britain. This is the story of an extraordinary group of people whose ideas helped to shape their age, and our own.

An Introduction

Introduction to Fluid Power

Jesse James

Ulysses

Your Brain and the Neuroscience of Everyday Life

The Making and Unmaking of British India

A History, a Theory, a Flood

“One of the most profound and illuminating studies of this century to have been published in recent decades.” —John Gray, *New York Times Book Review* Hailed as “a magisterial critique of top-down social planning” by the *New York Times*, this essential work analyzes disasters from Russia to Tanzania to uncover why states so often fail—sometimes catastrophically—in grand efforts to engineer their society or their environment, and uncovers the conditions common to all such planning disasters.

“Beautifully written, this book calls into sharp relief the nature of the world we now inhabit.” —*New Yorker* “A tour de force.” —Charles Tilly, *Columbia University*

This book offers a multi-disciplinary analysis of emerging technologies and their impact on the new international security environment across three levels of analysis. While recent technological developments, such as Artificial Intelligence (AI), robotics and automation, have the potential to transform international relations in positive ways, they also pose challenges to peace and security and

raise new ethical, legal and political questions about the use of power and the role of humans in war and conflict. This book makes a contribution to these debates by considering emerging technologies across three levels of analysis: (1) the international system (systemic level) including the balance of power; (2) the state and its role in international affairs and how these technologies are redefining and challenging the state's traditional roles; and (3) the relationship between the state and society, including how these technologies affect individuals and non-state actors. This provides specific insights at each of these levels and generates a better understanding of the connections between the international and the local when it comes to technological advance across time and space. The chapters examine the implications of these technologies for the balance of power, examining the strategies of the US, Russia and China to harness AI, robotics and automation (and how their militaries and private corporations are responding); how smaller and less powerful states and non-state actors are adjusting; the political, ethical and legal implications of AI and automation; what these technologies mean for how war and power is understood and utilized in the 21st century; and how these technologies diffuse power away from the state to society, individuals and non-state actors. This volume will be of much interest to students of international security, science and technology studies, law, philosophy and International Relations.

Learn the basics of the five core areas of community and public health. *Introduction to Community and Public Health, 2nd Edition* covers the basics in each area of community and public health as identified by the Association of Schools of Public Health. With a student-friendly approach, the authors discuss epidemiology, biostatistics, social and behavioral sciences, environmental health, and healthy policy and management. The book is written to serve both graduate and undergraduate public health students, as well as to help prepare for the Certified in Public Health (CPH) exam, Certified Health Education Specialist (CHES) exam and Master certified in Health Education Specialist (MCHES) exam, the book covers each of these five core disciplines, plus other important topics.

Showcasing one of professional basketball's best players, this book spotlights the life and career of hardcourt superstar LeBron James. More than just a biography, it relates James' story while also establishing his prominent place in NBA history. By examining his skills and statistics in a variety of categories and comparing him to other NBA legends—including Magic Johnson, Bill Russell, Kareem Abdul-Jabbar, Michael Jordan, and more—the guide makes a strong case for James as basketball's greatest. Along the way, his best and most memorable moments are revisited, from his days as a high school stand-out in Akron, to his first stint with the Cavaliers, to "The Decision" to join the Miami Heat, and the show-stopping performance in the 2016 Finals to bring an NBA title back to Cleveland. *LeBron James vs. The NBA* is certain to stir up lively debate and is a must-have for Cavs fans and basketball buffs alike.

The Heart of Power, With a New Preface

The Evolution of Zoo and Aquarium Conservation

The Autobiography of an Ex-Colored Man

Strengthening Forensic Science in the United States

Handbook of Hydraulic Fluid Technology, Second Edition

A Novel

Fluid Power

Bringing together the experience, perspective and expertise of Paul Farmer, Jim Yong Kim, and Arthur Kleinman, *Reimagining Global Health* provides an original, compelling introduction to the field of global health. Drawn from a Harvard course developed by their student Matthew Basilico, this work provides an accessible and engaging framework for the study of global health. Insisting on an approach that is historically deep and geographically broad, the authors underline the importance of a transdisciplinary approach, and offer a highly readable distillation of several historical and ethnographic perspectives of contemporary global health problems. The case studies presented throughout *Reimagining Global Health* bring together ethnographic, theoretical, and historical perspectives into a wholly new and exciting investigation of global health. The interdisciplinary approach outlined in this text should prove useful not only in schools of public health, nursing, and medicine, but also in

undergraduate and graduate classes in anthropology, sociology, political economy, and history, among others.

Special Agent Patrick Bowers had only met one man who made him truly afraid. Until now. When he's called to North Carolina to consult on the case of an area serial killer, he finds himself in a deadly game. Cunning and lethal, the killer is always one step ahead of the law, and he's about to strike again. It will take all of Bowers's instincts and training to stop this man who calls himself the Illusionist. And just when the pieces start to come together, Bowers realizes they're not quite adding up. Can he unravel the pattern and save the next victim? Or will the Illusionist win the game by taking one of his opponent's pieces? Thrilling, chilling, and impossible to put down, *The Pawn* will hold suspense lovers in its iron grip until the very last page.

Detailing the major developments of the last decade, the *Handbook of Hydraulic Fluid Technology, Second Edition* updates the original and remains the most comprehensive and authoritative book on the subject. With all chapters either revised (in some cases, completely) or expanded to account for new developments, this book sets itself apart by approaching hydraulic fluids as a component of a system and focusing on key technological aspects. Written by experts from around the world, the handbook covers all major classes of hydraulic fluids in detail, delving into chemistry, design, fluid maintenance and selection, and other key concepts. It also offers a rigorous overview of hydraulic fluid technology and evaluates the ecological benefits of water and its use as an important alternative technology. This complete overview discusses pumps and motors, valves, and reservoir design, as well as fluid properties and associated topics. These include air entrainment, modulus, lubrication and wear assessment by bench and pump testing, biodegradability, and fire resistance. Contributors also present particularly important material on biodegradable fluids and the use of water as a hydraulic fluid. As the foremost resource on the design, selection, and testing of hydraulic systems and fluids used in engineering applications, this book contains new illustrations, data tables, and practical examples, all updated with essential information on the latest methods. To streamline presentation, relevant content from the first edition has been integrated into this new version, where appropriate. The result is a reference that helps readers develop an unparalleled understanding of the total hydraulic system, including essential hardware, fluid properties, and hydraulic lubricants.

"A study of the global oppression of people with disabilities and the international movement that has recently emerged to resist it ... A theoretical overview of disability oppression that shows its similarities to, and differences from, racism, sexism, and colonialism."--Jacket.

The Origins of Power, Prosperity, and Poverty

Emerging Technologies and International Security

The Readings: Truth and Fiction

Essential Guide to Metals and Manufacturing

An Introduction to Numerical Methods and Analysis

Pediatric Cardiology

Disability Oppression and Empowerment

A gifted musician 's decision to navigate society as a white man causes an internal debate about anti-blackness and the explicit nature of intent versus impact. James Weldon Johnson presents a distinct conflict driven by a person 's desires and overwhelming fear. *The Autobiography of an Ex-Colored Man* follows the story of an unnamed narrator and his unique experience as a fair-skinned Black person. As a child, he is initially unaware of his race, but his mother soon clarifies their family 's ancestry. The young man 's ability to pass for white allows him to negate the harsh and discriminatory treatment most Black people face. This leads to a series of events that significantly shape the way he views his place in society. James Weldon Johnson delivers a captivating tale of identity politics in the U.S. and abroad. The main character is living a life of omission that provides public gain at a personal cost. This story maintains its relevance as a critical examination of race in society. With an eye-catching new cover, and professionally typeset manuscript, this edition of *The Autobiography of an Ex-Colored Man* is both modern and readable.

Even the most powerful men in the world are human—they get sick, take dubious drugs, drink too much, contemplate suicide, fret about ailing parents, and bury people they love. Young Richard Nixon watched two brothers die of tuberculosis, even while doctors monitored a suspicious shadow on his own lungs. John Kennedy received last rites four times as an adult, and Lyndon Johnson suffered a "belly buster" of a heart attack. David Blumenthal and James A. Morone explore how modern presidents have wrestled with their own mortality—and how they have taken this most human experience to heart as they faced the difficult politics of health care. Drawing on a trove of newly released White House tapes, on extensive interviews with White House staff, and on dramatic archival material that has only recently come to light, *The Heart of Power* explores the hidden ways in which presidents shape our destinies through their own experiences. Taking a close look at Franklin D. Roosevelt, Harry S. Truman, Dwight Eisenhower, John Kennedy, Lyndon B. Johnson, Richard Nixon, Jimmy Carter, Ronald Reagan, George Herbert Walker Bush, Bill Clinton, and George W. Bush, the book shows what history can teach us as we confront the health care challenges of the twenty-first century.

Engineers not only need to understand the basics of how fluid power components work, but they must also be able to design these components into systems and analyze or model fluid power systems and circuits. There has long been a need for a comprehensive text on fluid power systems, written from an engineering perspective, which is suitable for an u

A Path Forward

Seeing Like a State

The Ark and Beyond

The Pawn (The Bowers Files Book #1)

Texas