

Ch2 Statique Des Fluides Bts Electrotechnique

Vol. 3 edited by eU. Mander and M. Antrop. Bridging the gap between theory and application, this book will be invaluable to anyone wishing to broaden their knowledge of applied chemistry. The Windows Phone 7 platform, now recently updated, provides a remarkable opportunity for Windows developers to create state-of-the-art mobile applications using their existing skills and a familiar toolset. Pro Windows Phone 7 Development, Second Edition helps you unlock the potential of this platform and create dazzling, visually rich, and highly functional applications for the Windows Phone Marketplace—including using new features like copy-and-paste and API improvements in the NoDo and Mango update waves. For developers new to the Windows Phone platform—whether .NET, iPhone, or Android developers—this book starts by introducing the features and specifications of the Windows Phone series, and then leads you through the complete application development process. You'll learn how to use Microsoft technologies like Silverlight, .NET, the XNA Framework, Visual Studio, and Expression Blend effectively, how to take advantage of the device's sensors with the location service, accelerometer, and touch, how to make your

apps location-aware using GPS data, how to utilize the rich media capabilities of the Windows Phone series, and much more. Finally, you'll receive a full tutorial on how to publish and sell your application through the Windows Phone Marketplace. And in this second edition, learn quickly and easily how to take advantage of new API capabilities and HTML5 support right in your browser.

Encyclopedia of espionage, intelligence and security (GVRL)

A robust, authentic model for creating and clearly articulating a personal leadership philosophy Based on leadership expert Mike Figliuolo's popular "LeadershipMaxims" training course, One Piece of Paper teaches decisive, effective leadership by taking a holistic approach to defining one's personal leadership philosophy. Through a series of simple questions, readers will create a living document that communicates their values, passions, goals and standards to others, maximizing their leadership potential. Outlines a clear approach for identifying a concise and meaningful set of personal leadership maxims by which leaders can live their lives Explains and applies four basic aspects of leadership: leading yourself, leading the thinking, leading your people, and leading a balanced life Generates a foundational document that serves as a touchstone for leaders and their teams Simple, applicable, and without pretense, One Piece of Paper

provides a model for real leadership in the realworld. The classical theory of the Laplace Transform can open many new avenues when viewed from a modern, semi-classical point of view. In this book, the author re-examines the Laplace Transform and presents a study of many of the applications to differential equations, differential-difference equations and the renewal equation.

This work should serve as an introductory text for graduate students and researchers working in the important area of partial differential equations with a focus on problems involving conservation laws. The only requisite for the reader is a knowledge of the elementary theory of partial differential equations. Key features of this work include: * broad range of topics, from the classical treatment to recent results, dealing with solutions to 2D compressible Euler equations * good review of basic concepts (1-D Riemann problems) * concrete solutions presented, with many examples, over 100 illustrations, open problems, and numerical schemes * numerous exercises, comprehensive bibliography and index * appeal to a wide audience of applied mathematicians, graduate students, physicists, and engineers Written in a clear, accessible style, the book emphasizes more recent results that will prepare readers to meet modern challenges in the subject, that is, to carry out theoretical, numerical, and asymptotical analysis.

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This book has grown out of the research activities of the author in the fields of sound propagation in porous media and modelling of acoustic materials. It is assumed that the reader has a background of advanced calculus, including an introduction to differential equations, complex variables and matrix algebra. A prior exposure to theory of elasticity would be advantageous. Chapters 1-3 deal with sound propagation of plane waves in solids and fluids, and the topics of acoustic impedance and reflection coefficient are given a large emphasis. The topic of flow resistivity is presented in Chapter 2. Chapter 4 deals with sound propagation in porous materials having cylindrical pores. The topics of effective density, and of tortuosity, are presented. The thermal exchanges between the frame and the fluid, and the behaviour of the bulk modulus of the fluid, are described in this simple context. Chapter 5 is concerned with sound propagation in other porous materials, and the recent notions of characteristic dimensions, which describe thermal exchanges and the viscous forces at high frequencies, are introduced. In Chapter 6, the case of porous media having an elastic frame is considered in the context of Biot theory, where new topics described in Chapter 5 have been included.

Investigates the idea of the human within Brontë sisters' work, offering new insight on their writing and cultural contexts.

Perfect for fans of Kathryn Erskine's *Mockingbird* and Holly Goldberg Sloan's *Counting by 7s*, this is a stunningly unique and poignant story of one girl's strength and courage as she decides who she is and

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what she will believe in. Behind the white-washed walls of the Arizona compound, life was simple. Follow the rules, "live in the light," and all would be well. Zylynn was excited to turn thirteen and begin the work of bringing others into the light, to save them from the liars and the darkness of the outside world. But when she is taken away by a man who claims to be her father, Zylynn is confused, and desperate to return to her home. Zylynn resists her new life—until she finds small comforts, like shampoo, the color pink, and strawberries. But as her thirteenth birthday approaches, Zylynn must make a difficult decision—to stay here with the enemy, or find her way back to the light. And neither may be what they seem.

The corporate market is now embracing free, "open source" software like never before, as evidenced by the recent success of the technologies underlying LAMP (Linux, Apache, MySQL, and PHP). Each is the result of a publicly collaborative process among numerous developers who volunteer their time and energy to create better software. The truth is, however, that the overwhelming majority of free software projects fail. To help you beat the odds, O'Reilly has put together *Producing Open Source Software*, a guide that recommends tried and true steps to help free software developers work together toward a common goal. Not just for developers who are considering starting their own free software project, this book will also help those who want to participate in the process at any level. The book tackles this very complex topic by distilling it down into easily understandable parts. Starting with the basics of

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project management, it details specific tools used in free software projects, including version control, IRC, bug tracking, and Wikis. Author Karl Fogel, known for his work on CVS and Subversion, offers practical advice on how to set up and use a range of tools in combination with open mailing lists and archives. He also provides several chapters on the essentials of recruiting and motivating developers, as well as how to gain much-needed publicity for your project. While managing a team of enthusiastic developers -- most of whom you've never even met -- can be challenging, it can also be fun. Producing Open Source Software takes this into account, too, as it speaks of the sheer pleasure to be had from working with a motivated team of free software developers.

Recommended by the Common Core State Standards for English Language Arts and Literacy as an exemplary informational text. How did compliant colonials with strong ties to Europe get the notion to become an independent nation? Perhaps the seeds of liberty were planted in the 1735 historic courtroom battle for the freedom of the press. Or maybe the French and Indian War did it, when colonists were called "Americans" for the first time by the English, and the great English army proved itself not so formidable after all. But for sure when King George III started levying some heavy handed taxes on the colonies, the break from the motherland was imminent. With such enthralling characters as George Washington, Sam Adams, Patrick Henry, Eliza Pinckney, and Alexander Hamilton throughout, From Colonies to Country is an amazing story of a nation

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making transformation. About the Series: Master storyteller Joy Hakim has excited millions of young minds with the great drama of American history in her award-winning series *A History of US*. Recommended by the Common Core State Standards for English Language Arts and Literacy as an exemplary informational text, *A History of US* weaves together exciting stories that bring American history to life. Hailed by reviewers, historians, educators, and parents for its exciting, thought-provoking narrative, the books have been recognized as a breakthrough tool in teaching history and critical reading skills to young people. In ten books that span from Prehistory to the 21st century, young people will never think of American history as boring again.

This reference book can be read at different levels, making it a powerful source of information. It presents most of the aspects of control that can help anyone to have a synthetic view of control theory and possible applications, especially concerning process engineering.

The general features of dynamic stall on oscillating airfoils are explained in terms of the vortex shedding phenomenon, and the important differences between static stall, light dynamic stall, and deep stall are described. An overview of experimentation and prediction techniques is given. McCroskey, W. J. Ames Research Center NASA-TM-81264, A-8464

In this acclaimed memoir, Mezlekia recalls his boyhood in the arid city of Jijiga, Ethiopia, and his journey to manhood during the 1970s and 1980s. He traces his personal evolution from child to soldier--forced at the age of eighteen to join a guerrilla army. And he describes the

hardships that consumed Ethiopia after the fall of Emperor Haile Selassie and the rise to power of the communist junta, in whose terror thousands of Ethiopians died. Part autobiography and part social history, *Notes from the Hyena's Belly* offers an unforgettable portrait of Ethiopia, and of Africa, during the defining and turbulent years of the last century.

"This breathing exercise program will help you to reach your maximum breathing potential. Learn to sustain notes with ease and very little breath. Discover the secret that can enable you to sing with incredible power, at maximum volume, while soaring through your range without losing your voice" - - (back cover).

This book takes a linguistic approach to translation issues, looking first at the structural view of language that explains the difficulty of translation and at theories of cultural non-equivalence. A subsequent chapter on text types, readership and the translator's role completes the theoretical framework. The linguistic levels of analysis are then discussed in ascending order, from morpheme up to sentence, while a summarising chapter considers various translation types and strategies, again considered in relation to text type, author and reader.

Handbook of Numerical Analysis
Gulf Professional Publishing
All about Food Allergy
George F Stickley
Company Publications
Process Control
Theory and Applications
Springer

An Introduction to Tourism is the essential guide to the tourism industry. It provides a comprehensive and authoritative introduction to all facets of tourism including: the history of tourism; factors influencing the

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tourism industry; tourism in developing countries; sustainable tourism; forecasting future trends. Tourism has changed radically in recent years with the onset of many technological and economic changes and an ever increasing concern for the environment. This book provides a down-to-earth introduction to this complex and multi-faceted industry. This invaluable introduction is written for all students of tourism and all those involved in the industry who want to know more about the structure, component activities and environment within which they work.

The fourth book in the Zach and Zoe Mysteries--a sports-themed chapter book mystery series by New York Times bestselling author Mike Lupica. Perfect for fans of Cam Jansen! There's nothing eight-year-old twins Zach and Zoe Walker love more than playing sports and solving mysteries. And when those two worlds collide . . . well, it doesn't get any better than that. Soccer season is underway, and though Zach and Zoe play on different travel teams, they're on the same team when it comes to solving mysteries. So when a package arrives in the mail addressed to Zach, the twins are surprised to find a soccer jersey identical to the one Zach wears for his team. But Zach's jersey is in his closet--so who does this jersey belong to and why did they send it? It's a soccer secret--and Zach and Zoe are on the case! Once again, bestselling author Mike Lupica charms his youngest readers yet with a sports-loving detective duo who can swing for the fences and catch the culprit in one fell swoop. With a recipe equal parts sports and mystery, the Zach and Zoe Mysteries break fresh ground for an

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author who has been called the greatest sportswriter for kids.

The objective of this book is to analyze within reasonable limits (it is not a treatise) the basic mathematical aspects of the finite element method. The book should also serve as an introduction to current research on this subject. On the one hand, it is also intended to be a working textbook for advanced courses in Numerical Analysis, as typically taught in graduate courses in American and French universities. For example, it is the author's experience that a one-semester course (on a three-hour per week basis) can be taught from Chapters 1, 2 and 3 (with the exception of Section 3.3), while another one-semester course can be taught from Chapters 4 and 6. On the other hand, it is hoped that this book will prove to be useful for researchers interested in advanced aspects of the numerical analysis of the finite element method. In this respect, Section 3.3, Chapters 5, 7 and 8, and the sections on "Additional Bibliography and Comments should provide many suggestions for conducting seminars.

Discusses the events leading up to the American Revolution, including how the colonies became an independent country, the effects of the French and Indian War, and influential leaders such as George Washington and Sam Adams.

This four-volume Companion to Shakespeare's Works, compiled as a single entity, offers a uniquely comprehensive snapshot of current Shakespeare criticism. Brings together new essays from a mixture of younger and more established scholars from around the world - Australia, Canada, France, New Zealand, the United Kingdom, and the United States. Examines each of Shakespeare's plays and major poems,

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using all the resources of contemporary criticism, from performance studies to feminist, historicist, and textual analysis. Volumes are organized in relation to generic categories: namely the histories, the tragedies, the romantic comedies, and the late plays, problem plays and poems. Each volume contains individual essays on all texts in the relevant category, as well as more general essays looking at critical issues and approaches more widely relevant to the genre. Offers a provocative roadmap to Shakespeare studies at the dawning of the twenty-first century. This companion to Shakespeare's comedies contains original essays on every comedy from *The Two Gentlemen of Verona* to *Twelfth Night* as well as twelve additional articles on such topics as the humoral body in Shakespearean comedy, Shakespeare's comedies on film, Shakespeare's relation to other comic writers of his time, Shakespeare's cross-dressing comedies, and the geographies of Shakespearean comedy.

The study of the spontaneous formation of nanostructures in single crystals of several compounds is now a major area of research in strongly correlated electrons. These structures appear to originate in the competition of phases. The book addresses nanoscale phase separation, focusing on the manganese oxides known as manganites that have the colossal magnetoresistance (CMR) effect of potential relevance for device applications. It is argued that the nanostructures are at the heart of the CMR phenomenon. The book contains updated information on manganite research directed to experts, both theorists and experimentalists. However, graduate students or postdocs will find considerable introductory material, including elements of computational physics.

Compact living is sustainable living. High-density cities can support closer amenities, encourage reduced trip lengths and the use of public transport and therefore reduce transport

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energy costs and carbon emissions. High-density planning also helps to control the spread of urban suburbs into open lands, improves efficiency in urban infrastructure and services, and results in environmental improvements that support higher quality of life in cities. Encouraging, even requiring, higher density urban development is a major policy and a central principle of growth management programmes used by planners around the world. However, such density creates design challenges and problems. A collection of experts in each of the related architectural and planning areas examines these environmental and social issues, and argues that high-density cities are a sustainable solution. It will be essential reading for anyone with an interest in sustainable urban development.

The second book in an important biennial series that provides a new framework for measuring the inclusive wealth of nations.

The combined finite discrete element method is a relatively new computational tool aimed at problems involving static and / or dynamic behaviour of systems involving a large number of solid deformable bodies. Such problems include fragmentation using explosives (e.g rock blasting), impacts, demolition (collapsing buildings), blast loads, digging and loading processes, and powder technology. The combined finite-discrete element method - a natural extension of both discrete and finite element methods - allows researchers to model problems involving the deformability of either one solid body, a large number of bodies, or a solid body which fragments (e.g. in rock blasting applications a more or less intact rock mass is transformed into a pile of solid rock fragments of different sizes, which interact with each other). The topic is gaining in importance, and is at the forefront of some of the current efforts in computational modeling of the failure of solids. * Accompanying source codes plus input and

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output files available on the Internet * Important applications such as mining engineering, rock blasting and petroleum engineering * Includes practical examples of applications areas Essential reading for postgraduates, researchers and software engineers working in mechanical engineering.

Human history, as written traditionally, leaves out the important ecological and climate context of historical events. But the capability to integrate the history of human beings with the natural history of the Earth now exists, and we are finding that human-environmental systems are intimately linked in ways we are only beginning to appreciate. In *Sustainability or Collapse?*, researchers from a range of scholarly disciplines develop an integrated human and environmental history over millennial, centennial, and decadal time scales and make projections for the future. The contributors focus on the human-environment interactions that have shaped historical forces since ancient times and discuss such key methodological issues as data quality. Topics highlighted include the political ecology of the Mayans; the effect of climate on the Roman Empire; the "revolutionary weather" of El Niño from 1788 to 1795; twentieth-century social, economic, and political forces in environmental change; scenarios for the future; and the accuracy of such past forecasts as *The Limits to Growth*.

The excessive pursuit of economic interests has resulted in severe environmental and social problems, such as climate change, biodiversity loss, and inequality and disparity. There is an urgent need for broader measures of progress to complement Gross Domestic Product (GDP). This book provides a wide range of economic evaluations of environmental and societal issues including climate change, emission problem from garbage landfills, and income inequality. The book

explains that sustainability indicators and well-being measures can be effective guide for policy making and how they can strike a balance between economic, environmental, and societal interests. This book summarizes current practices and theories of economic evaluation for sustainability and provides understanding of emerging trends in this area. It also stresses the importance of environmental policies and business actions in achieving sustainable growth and puts forth why countries should take natural capital and other conventional inputs into consideration.

Experts discuss the risks global environmental change poses for the human security, including disaster and disease, violence, and increasing inequity. In recent years, scholars in international relations and other fields have begun to conceive of security more broadly, moving away from a state-centered concept of national security toward the idea of human security, which emphasizes the individual and human well-being. Viewing global environmental change through the lens of human security connects such problems as melting ice caps and carbon emissions to poverty, vulnerability, equity, and conflict. This book examines the complex social, health, and economic consequences of environmental change across the globe. In chapters that are both academically rigorous and policy relevant, the book discusses the connections of global environmental change to urban poverty, natural disasters (with a case study of Hurricane Katrina), violent conflict (with a study of the decade-long Nepalese civil war), population, gender, and development. The book makes clear the inadequacy of

traditional understandings of security and shows how global environmental change is raising new, unavoidable questions of human insecurity, conflict, cooperation, and sustainable development. Contributors W. Neil Adger, Jennifer Bailey, Jon Barnett, Victoria Basolo, Hans Georg Bohle, Mike Brklacich, May Chazan, Chris Cocklin, Geoffrey D. Dabelko, Indra de Soysa, Heather Goldsworthy, Betsy Hartmann, Robin M. Leichenko, Laura Little, Alexander López, Richard A. Matthew, Bryan McDonald, Eric Neumayer, Kwasi Nsiah-Gyabaah, Karen L. O'Brien, Marvin S. Soroos, Bishnu Raj Upreti

Foams are gas filled integral structures in which the gas is finely dispersed throughout a continuously connected solid phase. The bulk density is usually substantially lower than that of the solid component, and for the foams which form the focus for this book the volume fraction of the gas phase is considerably greater than 0.5 and in most instances in excess of 0.9. Many of the materials encountered in every day experience, such as bread, plants and trees, structural materials for buildings, comfort materials for domestic and automotive seating, shock absorbers or car bumpers and materials for noise control, have one thing in common - the cellular nature of their physical structure. Why are these structures so important in the natural and man-made world? The reasons are both technical and commercial. From a technical viewpoint cellular materials offer: 1. high specific stiffness and strength - making them suitable for structural applications; 2. close to ideal energy management - hence their use in thermal and acoustic insulation, vibration damping,

acoustic absorption and shock mitigation; and 3. comfort - hence their use for domestic and automotive seating. This book is concerned with children's economic and social rights (sometimes referred to simply as children's social rights). Despite increased academic interest in both children's rights and socio-economic rights over the last two decades, children's social and economic rights remain a comparatively neglected area. This is particularly true with regard to the role of the courts in the enforcement of such social rights. Aoife Nolan's book remedies this omission, focussing on the circumstances in which the courts can and should give effect to the social and economic rights of children. The arguments put forward are located within the context of, and develop, long-standing debates in constitutional law, democratic theory and human rights. The claims made by the author are supported and illustrated by concrete examples of judicial enforcement of children's social and economic rights from a variety of jurisdictions. The work is thus rooted in both theory and practice. The author brings together and addresses a wide range of issues that have never previously been considered together in book form. These include children's socio-economic rights; children as citizens and their position in relation to democratic decision-making processes; the implications of children and their rights for democratic and constitutional theory; the role of the courts in ensuring the enforcement of children's rights; and the debates surrounding the litigation and adjudication of social and economic rights. This book thus represents a major original contribution to the existing scholarship in a range

of areas including human (and specifically social) rights, legal and political theory and constitutional law.

'Children's rights were often thought to be synonymous with economic and social welfare prior to the adoption of the Convention on the Rights of the Child in 1989.

Ironically, since that time, remarkably little scholarship has been devoted to the vitally important economic and social rights dimensions of children's rights. Nolan's book singlehandedly remedies that neglect and does so in a sophisticated, nuanced and balanced way. It provides a superb account of the pros and cons of judicial activism in promoting these rights.' Philip Alston, John Norton Pomeroy Professor, NYU Law School 'Thus far the burgeoning literature on the judicial enforcement of socio-economic rights has failed to engage in a sustained, systemic manner with this topic from the perspective of children and the complexity of their status as citizens within contemporary democracies. This book fills this gap and makes a major contribution to the literature in the three interrelated areas of the judicial review of socio-economic rights claims, children's rights, and democratic theory. Nolan navigates skilfully through the dense, but rich literature in these areas as well as relevant international and comparative law. In so doing she illuminates both the pitfalls and potential of resorting to courts in a partial response to the multifaceted and deeply entrenched global phenomenon of child poverty.'

Professor Sandra Liebenberg, HF Oppenheimer Professor of Human Rights Law, University of Stellenbosch Law Faculty. Winner of the Kevin Boyle Book Prize 2012, awarded by the Irish Association of

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Law Teachers to a book that is deemed to have made an outstanding contribution to the understanding of law. The Production and Distribution of Knowledge in the United States marked the beginning of the study of our postindustrial information society. Austrian-born economist Fritz Machlup had focused his research on the patent system, but he came to realize that patents were simply one part of a much bigger "knowledge economy." He then expanded the scope of his work to evaluate everything from stationery and typewriters to advertising to presidential addresses--anything that involved the activity of telling anyone anything. The Production and Distribution of Knowledge in the United States then revealed the new and startling shape of the U.S. economy. Machlup's cool appraisal of the data showed that the knowledge industry accounted for nearly 29 percent of the U.S. gross national product, and that 43 percent of the civilian labor force consisted of knowledge transmitters or full-time knowledge receivers. Indeed, the proportion of the labor force involved in the knowledge economy increased from 11 to 32 percent between 1900 and 1959--a monumental shift. Beyond documenting this revolution, Machlup founded the wholly new field of information economics. The transformation to a knowledge economy has resonated throughout the rest of the century, especially with the rise of the Internet. As two recent observers noted, "Information goods--from movies and music to software code and stock quotes--have supplanted industrial goods as the key drivers of world markets." Continued study of this change and its effects is testament to Fritz Machlup's pioneering

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work.

Following the seventieth anniversary of the atomic bombing of Hiroshima, this is a new, very personal story to join Sadako and the Thousand Paper Cranes. Yuriko was happy growing up in Hiroshima when it was just her and Papa. But her aunt Kimiko and her cousin Genji are living with them now, and the family is only getting bigger with talk of a double marriage! And while things are changing at home, the world beyond their doors is even more unpredictable. World War II is coming to an end, and since the Japanese newspapers don't report lost battles, the Japanese people are not entirely certain of where Japan stands. Yuriko is used to the sirens and the air-raid drills, but things start to feel more real when the neighbors who have left to fight stop coming home. When the bombs hit Hiroshima, it's through Yuriko's twelve-year-old eyes that we witness the devastation and horror. This is a story that offers young readers insight into how children lived during the war, while also introducing them to Japanese culture. Based loosely on author Kathleen Burkinshaw's mother's firsthand experience surviving the atomic bombing of Hiroshima, *The Last Cherry Blossom* hopes to warn readers of the immense damage nuclear war can bring, while reminding them that the "enemy" in any war is often not so different from ourselves.

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