

## Drivers Octopus Box

Thanks to their unique properties, chitosan and chitosan-based materials have numerous applications in the field of biomedicine, especially in drug delivery. This book examines biomedical applications of functional chitosan, exploring the various functions and applications in the development of chitosan-based biomaterials. It also describes the chemical structure of chitosan structure and functions, providing a theoretical basis for the design of biomaterials. Lastly, it reviews chemically modified and composite materials of chitin and chitosan derivatives for biomedical applications, such as tissue engineering, nanomedicine, drug delivery, and gene delivery.

A State-of-the-Art Guide to Biomedical Engineering and Design Fundamentals and Applications The two-volume Biomedical Engineering and Design Handbook, Second Edition offers unsurpassed coverage of the entire biomedical engineering field, including fundamental concepts, design and development processes, and applications. This landmark work contains contributions from leading experts at universities, medical centers, and commercial and law firms. Volume 1 focuses on the basics of biomedical engineering, including biomedical systems analysis, biomechanics of the human body, biomaterials, and bioelectronics. Filled with more than 500 detailed illustrations, this superb volume provides the foundational knowledge required to understand the latest techniques and treatments. Volume 1 covers: Modeling and Simulation of Biomedical Systems Bioheat Transfer Physical and Flow Properties of Blood Respiratory Mechanics and Gas Exchange Biomechanics of the Respiratory Muscles Biomechanics of Human Movement Biomechanics of the Musculoskeletal System Biodynamics Bone Mechanics Finite Element Analysis Electromyography Biopolymers Biomedical Composites Bioceramics Cardiovascular Biomaterials Dental Materials Orthopaedic Biomaterials Biomaterials to Promote Tissue Regeneration Bioelectricity Biomedical Signal Analysis Biomedical Signal Processing Intelligent Systems and Bioengineering BioMEMS

The OECD-FAO Agricultural Outlook 2016–2025 provides an assessment of prospects for the coming decade of the agricultural commodity markets across 41 countries and 12 regions, including OECD countries and key agricultural producers, such as India, China, Brazil, the Russian Federation and Argentina.

Time-dependent density-functional theory (TDDFT) is a quantum mechanical approach for the dynamical properties of electrons in matter. It's widely used in (bio)chemistry and physics to calculate molecular excitation energies and optical properties of materials. This is the first graduate-level text on the formal framework and applications of TDDFT.

How to Weigh an Elephant

From Copycats to Leaders

Food Ethics

Dora Helps Diego! (Dora the Explorer)

Talon of God

The Dumbfounding Confusion

We are going to take you on stage - back stage - and into the lives of the rockers.We will examine their lyrics - and how the captivating tonal elements in the music are fitted together.We will discover why rock music affects people so powerfully - and how it changes those who play it and listen to it.We will learn what makes rock so captivating to the senses - and listen to men and women who tell how it changed their lives.We will also discover how it originated 3,000 years ago - and the purpose it has been used for every since.We will learn when and how it penetrated Christian churches - and what has happened to them since.We will read about how 280 rock stars died and what killed them.It is all here - the whole story of Rock Music and related musical forms - and the demonic forces behind the scenes, capturing and destroying human beings.

Baby Jaguar is missing. Read along with Dora as she looks for her friend!

Study more effectively and improve your performance at exam time with this comprehensive guide. Written to work hand-in-hand with DISCOVERING COMPUTERS 2011: COMPLETE, 1st Edition, this user-friendly guide includes a wide variety of learning tools to help you master the key concepts of the course.

The acclaimed actor makes his fiction debut with this entrancing urban fantasy in which a holy warrior must convince a doctor with no faith to help stop a powerful demon and his minions from succeeding in creating hell on earth—a thrilling adventure of science and faith, good and evil, damnation and salvation. Imagine that everyone you have ever known or loved was forced against their will into a state of demonic possession and spiritual slavery. Imagine an unholy cabal of the world's richest and most powerful men directing this sinister plan in order to cement their unbridled control of the planet. Imagine two heroes emerging from that darkness to do battle with the forces of evil. Set in the mean streets of Chicago, Talon of God is the action-packed adventure centered around the Laurny Jefferson, a beautiful young doctor who is dragged into a seemingly impossible battle against the invisible forces of Satan's army and their human agents that are bent on enslaving humanity in a mission to establish the kingdom of hell on Earth. But Laurny is a skeptic, and it's only as she sees a diabolical drug sweep her city and begins to train in the ways of a spirit warrior by the legendary man of God, Talon Hunter, that she discovers her true nature and inner strength. Facing dangerous trials and tests, it's a true baptism by fire. And if they fail, millions could die. And rivers of blood would flow throughout the land. Imagine such horror. Such pain. And imagine what it would take to fight against it. For only the strongest and most faithful will survive? Get ready. Armageddon approaches quickly.

Wife

Novel Drug Delivery Technologies

Mixed Up

Drug Delivery and Biomedical Applications

Recent Developments and New Trends

Fortran Is The Pioneer Computer Language Originally Designed To Suit Numerical, Scientific And Engineering Computations. In Spite Of The Birth Of Several Computer Languages, Fortran Is Still Used As A Primary Tool For Programming Numerical Computations. In This Book All The Features Of Fortran 77 Have Been Elaborately Explained With The Support Of Examples And Illustrations.

Programs Have Been Designed And Developed In A Systematic Way For All The Classical Problems. All The Topics Of Numerical Methods Have Been Presented In A Simple Style And Algorithms Developed. Complete Fortran 77 Programs And More Than One Sets Of Sample Data Have Been Given For Each Method. The Content Of The Book Have Been Carefully Tailored For A Course Material Of A One Semester Course For The Computer Science, Mathematics And Physics Students.

Revisits the largely forgotten story of how the McGovern campaign represented the zenith of sixties-style liberalism, and how its historic defeat still haunts Democrats to this day—and in the process identifies what Democrats must do before they can reassume their role as agents of progressive change.

The application of drug delivery is a valuable, cost-effective lifecycle management resource. By endowing drugs with new and innovative therapeutic benefits, drug delivery systems extend products' profitable lifecycle, giving pharmaceutical companies competitive and financial advantages, and providing patients with improved medications. Formulation development is now being used to create new dosage forms for existing products, which not only reduces the time and expense involved in new drug development, but also helps with regard to patent protection and bypassing existing patents. Today's culture demands convenience, a major factor determining adherence to drug therapy. Over the past few years, patient convenience-oriented research in the field of drug delivery has yielded a range of innovative drug-delivery options. As a result, various drug-delivery systems, including medicated chewing gums, oral dispersible tablets, medicated lozenges and lollipops, have now hit the market and are very popular. These dosage forms offer a highly convenient way to dose medications, not only for special population groups with swallowing difficulties, such as children and the elderly, but for the general populace as well. This book provides valuable insights into a number of formulation design approaches that are currently being used, or could be used, to provide new benefits from existing drug molecules.

When Shiori and Knox are left to run the martial arts school while their boss travels, the pair discovers that butting heads in business can lead to a different sort of tension in the bedroom in the sequel to Unwound. Original.

OECD-FAO Agricultural Outlook 2016-2025

Concepts and Applications

Pharmaceutical Dosage Forms - Parenteral Medications

Betrothed, #1

Long Acting Injections and Implants

Time-Dependent Density-Functional Theory

**This three-volume set of Pharmaceutical Dosage Forms: Parenteral Medications is an authoritative, comprehensive reference work on the formulation and manufacture of parenteral dosage forms, effectively balancing theoretical considerations with the practical aspects of their development. As such, it is recommended for scientists and engineers in the**

**In China Live, Mike Chinoy provides an insider’s view of two of the most important forces shaping our era—the rise of global satellite news and the rise of China. Exploring not only how events shape television, but how TV can shape the news as it unfolds, Chinoy describes his personal and professional journey through key political dramas, from armed conflict in Northern Ireland, Lebanon, Indochina, and Afghanistan, to the “people power” revolution in the Philippines and the ongoing crisis in North Korea. The core of the book is Chinoy’s lifelong involvement with China. As CNN’s first Beijing bureau chief, Chinoy recounts a riveting tale of covering the China beat, especially the momentous events in Tiananmen Square in 1989. CNN’s unprecedented live broadcasts of the student uprising and army crackdown marked a turning point in modern journalism and played a critical role in shaping international perceptions of China. China Live remains a compelling account of the life of an award-winning foreign correspondent and a revealing glimpse inside the world of television news.**

**This military memoir examines one of the most vicious and tragically forgotten battles of the Vietnam War from a variety of perspectives. In June of 1967, the Viet Cong sought to isolate and destroy an elite South Vietnamese unit as part of a new offensive strategy. They sent a voluntary POW as an “informant” to dupe the 52nd Vietnamese Ranger Battalion into taking a dangerous position in the III Corps sector of South Vietnam. In the midst of an ambush, the members of the 52nd Ranger Battalion conducted themselves with great skill and valor. As one of those men, Keith Nightingale is uniquely suited to relate the events of that day. Based on firsthand experience as well as After Action Reports from a variety of sources, Just Another Day in Vietnam explores multiple perspectives, affording equal weight to ally and enemy alike. Nightingale offers rare insight into the often misunderstood role of the elite Vietnamese Ranger forces; the intelligence acquired from captured Rangers; and a rare eyewitness account to this fateful yet underexamined Vietnam battle.**

**The casebook demonstrates that the future of global business lies in how well the multinational landscape is charted and how the importance of Asian market leaders is deeply embedded in it. It offers international management students and researchers an extensive guide to the business history, strategy development, and foreign market entry modes used by emerging Asian multinationals. The cases focus on well-known companies such as Lenovo, Alibaba, Infosys, Huawei, Panasonic, and Rakuten. These companies, all of which generate huge revenues in their own countries (e.g. in China, India, South Korea, Taiwan, Vietnam), are now becoming increasingly sophisticated and striving to become global brands, while also enjoying the active support of their governments in terms of their international business. Readers will learn about the current multinational landscape in Asia, the management challenges, and the future implications for traditional western companies seeking to retain their market share. Chapters on corporate entrepreneurship, human resource management and intercultural competence, and current branding trends in Asia will provide a cutting-edge update on international business strategy for students and practitioners alike.**

Fundamentals and Applications

Just Another Day in Vietnam

Dark Harmony

Non-Biological Complex Drugs

Fortran 77 and Numerical Methods

The Merman King

*In recent years, emerging markets have come to represent the largest share of global GDP and have made gains in economic development and political influence. In turn, emerging market companies have taken on a new level of importance in driving innovation, local development and global competition. Advancing an integrative view that captures the diversity of innovation among companies in emerging markets, this book highlights the rapid evolution of emerging markets from initiators to innovation leaders. Building upon research conducted by the Emerging Multinational Research Network (EMRN) in collaboration with several universities in North and South America, Europe and China, this rich and expansive collection includes studies of innovation in regions yet to receive focused analysis in the field. The authors also re-examine dominant theories of innovation and capability creation based on a broad range of case studies and research insights. Offering a taxonomy of emerging market innovations, this collection reveals the unique drivers, types, and outcomes of innovation in emerging markets.*

*Innovation is sweeping the globe at breakneck speed, and emerging markets are where tremendous growth and opportunity reside. Jerry Haar and Ricardo Ernst delve into the forces and drivers that shape innovation in emerging markets and present case studies, along with a summation of the key features and outlook for innovation over the next decade.*

*This book describes the model-based development of adaptive embedded systems, which enable improved functionality using the same resources. The techniques presented facilitate design from a higher level of abstraction, focusing on the problem domain rather than on the solution domain, thereby increasing development efficiency. Models are used to capture system specifications and to implement (manually or automatically) system functionality. The authors demonstrate the real impact of adaptivity on engineering of embedded systems by providing several industrial examples of the models used in the development of adaptive embedded systems.*

*Long acting veterinary formulations play a significant role in animal health, production and reproduction within the animal health industry. Such technologies offer beneficial advantages to the veterinarian, farmer and pet owner. These advantages have resulted in them growing in popularity in recent years. The pharmaceutical scientist is faced with many challenges when innovating new products in this demanding field of controlled release. This book provides the reader with a comprehensive guide on the theories, applications, and challenges associated with the design and development of long acting veterinary formulations. The authoritative chapters of the book are written by some of the leading experts in the field. The book covers a wide scope of areas including the market influences, preformulation, biopharmaceutics, in vitro drug release testing and specification setting to name but a few. It also provides a detailed overview of the major technological advances made in this area. As a result this book covers everything a formulation scientist in industry or academia, or a student needs to know about this unique drug delivery field to advance health, production and reproduction treatment options and benefits for animals worldwide.*

Materials, Technology and Drug Product Design

Chess Life

Confessions of an Interracial Couple

Multinational Management

Pub Dogs of London

The Liberals' Moment

Pub Dogs of London is a beautiful, charming coffee-table book of photographic portraits of the many and varied canine regulars of London's inimitable public houses. With a range of famous breeds as well as the expected scruffy mongrels, and with biographical profiles of each pub-visiting pooch, this is the must-have record of the capital's world-famous demi-monde. The book also includes some occasional humorous verse inspired by the images from poet Graham Fulton.

Density functional theory (DFT) is by now a well-established method for tackling the quantum mechanics of many-body systems. Originally applied to compute properties of atoms and simple molecules, DFT has quickly become a work horse for more complex applications in the chemical and materials sciences. The present set of lectures, spanning the whole range from basic principles to relativistic and time-dependent extensions of the theory, is the ideal introduction for graduate students or nonspecialist researchers wishing to familiarize themselves with both the basic and most advanced techniques in this field.

The current crisis has rocked the financial system worldwide and has cast doubt on the effectiveness of the existing regulatory regime. Thousands of firms have gone bankrupt and many financial institutions were bailed out by governments. The effects of the crisis have shaken emerging and developing markets alike and have not spared neither small nor large businesses. Many scholars and practitioners attribute the roots of the crisis to failures and weaknesses in the way corporate governance has been practiced since the mid-1990s. Lax board oversight of top management, short-termism and self-interested behavior have been fingered as the culprits behind recent financial turmoil. This book highlights the recent developments and new trends in corporate governance. The eighteen chapters, written by leading academics and experts, can assist corporate executives, governance bodies, investors, market regulators, and policymakers in having a global picture of major corporate governance issues. This book highlights the recent developments and new trends in corporate governance. The eighteen chapters, written by leading academics and experts, can assist corporate executives, governance bodies, investors, market regulators, and policymakers in having a global picture of major corporate governance issues.

Where has everybody gone? Oh! They are busy finding out the weight of King's favourite elephant! Wondering how this will be done? Join Leelavati as she solves this maths mystery for you!

Innovation from Emerging Markets

Melt Extrusion

Functional Chitosan

Volume I: Biomedical Engineering Fundamentals

The Science of the Fathers

Shaped by the Shadow of War

*An unencensored account of the obstacles and triumphs of a mixed-race relationship during the biggest civil rights movement in history. ‘An illuminating book that will challenge what you think you know about relationships, cultural diversity and race.’ Professor Olivette Otele ‘A must read book that will change the way we see mixed race couples and make us question our own entrenched beliefs.’ Melissa Fleming, award-winning author of A Hope More Powerful than the Sea Growing up Black in America, Tinaia Smith knew she had to behave in a certain way because of the colour of her skin. She faced restrictions imposed upon her by an unfair system; don’t talk back to White people, expect to be stopped by the police and work twice as hard as your White peers. Alex Court, a White British man, moved through his life in a very different way. As someone with White and male privilege he saw himself represented in every field of life and so he always had the confidence to excel and to lead forward. When Tinaia and Alex fell in love, they didn’t realise how much the colour of their skin might impact on their relationship. But as time went on, and as their lives and cultures became intertwined, they recognised how dramatically different their experiences were. In Mixed Up, Tinaia and Alex open up about their interracial relationship for the first time, and with anecdotes, analysis and raw revelations, the pair attempt to navigate their new and challenging world, confronting race and relationships in the 21st century head on.*

*Long acting injections and implants improve therapies, enhance patient compliance, improve dosing convenience, and are the most appropriate formulation choice for drugs that undergo extensive first pass metabolism or that exhibit poor oral bioavailability. An intriguing variety of technologies have been developed to provide long acting injectiors and implants. Many considerations need to go into the design of these systems in order to translate a concept from the lab bench to actual therapy for a patient. This book surveys and summarizes the field. Topics covered in Long Acting Injections and Implants include the historical development of the field, drugs, diseases and clinical applications for long acting injections and implants, anatomy and physiology for these systems, specific injectable technologies (including lipophilic solutions, aqueous suspensions, microspheres, liposomes, in situ forming depots and self-assembling lipid formulations), specific implantable technologies (including osmotic implants, drug eluting stents and microfabricated systems), peptide, protein and vaccine delivery, sterilization, drug release testing and regulatory aspects of long acting injections and implants. This volume provides essential information for experienced development professionals but was also written to be useful for scientists just beginning work in the field and for others who need an understanding of long acting injections and implants. This book will also be ideal as a graduate textbook.*

*One of the greatest of the British eighteenth-century painters, with a deep and unaltered sympathy for country life and the English countryside. This fully illustrated book outlines his career, followed by a catalogue raisonne (the first since Sir Walter Gilbey’s short listing of 1898) of all his known works. One of the stickiest labels in the history of British art attached itself to Stubbs as ‘Mr Stubbs the horse painter’. Over half of his paintings were of horses, each founded on the pioneering observations assembled (in 1766) in his book The Anatomy of the Horse; but Stubbs’s wide-ranging subjects included portraits, conversation pieces and paintings of exotic animals from the Zebra to the Rhinoceros, as well as an extraordinarily sympathetic series of portraits of dogs.*

*There are worse things than death. Things that lurk in the shadows and slip into your dreams. Things that once slept ... but have now awoken.For Callypso Lillis, the fœe music that now runs through her veins is equal parts curse and good fortune. For the thief of the Night, also makes her vulnerable to the Thief of Souls, a man who wants to break the world ... and Callie along with it. But it’s not just the Thief whose shadow looms over the Otherworld. Des’s father is back from the dead, and he wants revenge on the son who sent him to the grave in the first place. Des and Callie must figure out how to stop both men, and time is running out. Because there are forces at play working to tear the lovers apart once and for all ... and unfortunately for them, death is no longer the worst thing to fear.*

George Stubbs, Painter

A Primer in Density Functional Theory

Coping with Alzheimers

Is Idaho in Iowa?

Transforming the Electorate through Get-Out-the-Vote Campaigns

A Casebook on Asia’s Global Market Leaders

**FOOD ETHICS, 2E explores the ethical choices we make each time we eat. With twenty-six readings that bring together a diverse group of voices, this textbook dives into issues such as genetically modified foods, animal rights, population and consumption, the food industry’s impact on pollution, centralized versus localized production, and more. In addition, this edition includes new introduction, new readings, a comprehensive index, and study questions that frame these significant issues for discussion and reflection. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.**

**Support for people suffering from alopecia, a condition that causes hair loss**

**The rise of bio- and nano-technology in the last decades has led to the emergence of a new and unique type of medicine known as non-biological complex drugs (NBCDs). This book illustrates the challenges associated with NBCD development, as well as the complexity of assessing the effects of manufacturing changes on innovator and follow-on batches of NBCDs. It also touches upon proven marketing authorization requirements for biosimilars that could be effective in evaluating follow-on NBCDs, including a demonstration of control over the manufacturing process and a need for detailed physico-chemical characterization and (pre)clinical tests. This book is meant to be used for years to come as a standard reference work for the development of NBCDs. Moreover, this book aims to stimulate discussions and further our thinking to ensure that decisions regarding the approval of complex drugs are made with relevant scientific data on the table.**

**I was twenty-one when the gypsy read my future: As punishment for your crimes, you will only love one woman... but she'll never love you back. I didn't believe a word of it. Until I met Sofia Romano almost ten years later. I fell hard for this woman. Would die for this woman. But she left me. Now years have passed and Sofia needs a husband.**

**Her father is gone and her mother is trying to marry her off to a man that can protect their family, protect their company. She's looking for someone powerful. Check. Someone rich. Check. Someone handsome. Double check. Now it's my chance to have the only woman I've ever loved...and I'll make sure she feels the same way. I have a lifetime to make that happen.**

**Lords of the Abyss Book 6**

**Corporate Governance**

**Long Acting Animal Health Drug Products**

**Innovation in Emerging Markets**

**Mobilizing Inclusion**

**China Live**

*Is she a present from the gods, or a warning to stay plished beneath the waves where the mermen belong? Welcome to the underwater world of Atlantes! A paranormal merman (mermaid) romance series by NYT and USAT Bestselling Author Michelle M. Pillow Lucius, King of the Mermen, and ruler of the city of Atlantes, shoulders the guilt for his people’s shapeshifter curse. After being trapped under the sea for two millennia unable to breathe surface air, they might have finally found a cure. Has the time come for his people to swim to the surface and breathe air? The king ready to be the first to test the new theory, but things do not go as expected when a captivating beauty falls into his lap—and his ocean. Is Olivette a present from the gods, or a warning to stay punished beneath the waves where his people belong? Lords of the Abyss series: The Mighty Hunter Commanding the Tides Captive of the Deep Surrender to the Sea Making Waves The Merman King Genres: Paranormal Romance, Merman, Mermaid, Shapeshifter Romance, Shifter, Atlantis, Underwater, Fantasy, Alpha Male, Romance, paranormal, fated mates, nobility, royalty, action and adventure, romantic comedy, fantasy, sci-fi, Science Fiction & Fantasy, Thriller & Suspense*

*Is Idaho in Iowa?The Dumbfounding ConfusionMobilizing InclusionTransforming the Electorate through Get-Out-the-Vote CampaignsYale University Press*

*Don Catherall was born soon after his father left the Marine Corps, still reeling from heavy combat in the South Pacific. Don grew up in a world shaped by his father’s silent grief, strict discipline, and painful lessons in survival. When his own turn came, Don joined the Marines and went to Vietnam. This book tells the story of his experience in Vietnam, as well as his father’s experience in the South Pacific, especially the scorching battle for Peleliu. But this is also a story about family life and the way in which the shadow of war is cast beyond the individual combatants. Don grew up in the shadow of his father’s war and parented his children in the shadow of his own experience in Vietnam. He saw war’s impact as a child, as a parent, and in his work as a clinical psychologist. Ultimately, this is a story of generational healing and recovering one’s humanity.*

*Which get-out-the-vote efforts actually succeed in ethnocratic communities—and why? Analyzing the results from hundreds of original experiments, the authors of this book offer a persuasive new theory to explain why some methods work while others don’t. Exploring and comparing a wide variety of efforts targeting ethnocratic voters, Lisa García Bedolla and Melissa R. Michelson present a new theoretical frame—the Social Cognition Model of voting, based on an individual’s sense of civic identity—for understanding get-out-the-vote effectiveness. Their book will serve as a useful guide for political practitioners, for it offers concrete strategies to employ in developing future mobilization efforts.*

Biomedical Engineering and Design Handbook, Volume 1

Inside Rock Music

People Power and the Television Revolution

Orthodox Psychotherapy

Model-Based Design of Adaptive Embedded Systems

Study Guide for ShellyVermaat S Discovering Computers 2011: Complete

This volume provides readers with the basic principles and fundamentals of extrusion technology and a detailed description of the practical applications of a variety of extrusion processes, including various pharma grade extruders. In addition, the downstream production of films, pellets and tablets, for example, for oral and other delivery routes, are presented and discussed utilizing melt extrusion. This book is the first of its kind that discusses extensively the well-developed science of extrusion technology as applied to pharmaceutical drug product development and manufacturing. By covering a wide range of relevant topics, the text brings together all technical information necessary to develop and market pharmaceutical dosage forms that meet current quality and regulatory requirements. As extrusion technology continues to be refined further, usage of extruder systems and the array of applications will continue to expand, but the core technologies will remain the same.

Unraveled

Shameless

Volume 1: Formulation and Packaging

The Science and the Regulatory Landscape

The McGovern Insurgency and the Identity Crisis of the Democratic Party

Innovative Strategies for Drug Re-positioning