

Guida AI Kink

This volume details our current understanding of the architecture and signaling capabilities of the B cell antigen receptor (BCR) in health and disease. The first chapters review new insights into the assembly of BCR components and their organization on the cell surface. Subsequent contributions focus on the molecular interactions that connect the BCR with major intracellular signaling pathways such as Ca²⁺ mobilization, membrane phospholipid metabolism, nuclear translocation of NF- κ B or the activation of Bruton's Tyrosine Kinase and MAP kinases. These elements orchestrate cytoplasmic and nuclear responses as well as cytoskeleton dynamics for antigen internalization. Furthermore, a key mechanism of how B cells remember their cognate antigen is discussed in detail. Altogether, the discoveries presented provide a better understanding of B cell biology and help to explain some B cell-mediated pathogenicities, like autoimmune phenomena or the formation of B cell tumors, while also paving the way for eventually combating these diseases.

Practical Programming in Tcl/Tk, 4th edition Authoritative coverage of every Tcl and Tk command in the core toolkits State-of-the-art Tk GUI coverage for Tcl, Perl, Python, and Ruby developers Covers all key Tcl 8.4 enhancements: VFS, internationalization and performance improvements, new widgets, and much more Covers multi-threaded Tcl applications and Starkits, a revolutionary way to package and deploy Tcl applications The world's #1 guide to Tcl/Tk has been thoroughly updated to reflect Tcl/Tk8.4's powerful improvements in functionality, flexibility, and performance! Brent Welch, Ken Jones, and Jeffrey Hobbs, three of the world's leading Tcl/Tk experts, cover every facet of Tcl/Tk programming, including cross-platform scripting and GUI development, networking, enterprise application integration, and much more. Coverage includes: Systematic explanations and sample code for all Tcl/Tk 8.4 core commands Complete Tk GUI development guidance--perfect for developers working with Perl, Python, or Ruby Insider's insights into Tcl 8.4's key enhancements: VFS layer, internationalized font/character set support, new widgets, and more Definitive coverage of TclHttpd web server--written by its creator New ways to leverage Tcl/Tk 8.4's major performance improvements Advanced coverage: threading, Safe Tcl, Tcl script library, regular expressions, and namespaces Whether you're upgrading to Tcl/Tk 8.4, or building GUIs for applications created with other languages, or just searching for a better cross-platform scripting solution, Practical Programming in Tcl and Tk, Fourth Edition delivers all you need to get results! This powerful and lyrical debut novel is to Syria what *The Kite Runner* was to Afghanistan; the story of two girls living eight hundred years apart—a modern-day Syrian refugee seeking safety and an adventurous mapmaker's apprentice—"perfectly aligns with the cultural moment" (*The Providence Journal*) and "shows how interconnected two supposedly opposing worlds can be" (*The New York Times Book Review*). This "beguiling" (*Seattle Times*) and stunning novel begins in the summer of 2011. Nour has just lost her father to cancer, and her mother moves Nour and her sisters from New York City back to Syria to be closer to their family. In order to keep her father's spirit alive as she adjusts to her new home, Nour tells herself their favorite story—the tale of Rawiya, a twelfth-century girl who disguised herself as a boy in order to apprentice herself to a famous mapmaker. But the Syria Nour's parents knew is changing, and it isn't long before the war reaches their quiet Homs neighborhood. When a shell destroys Nour's house and almost takes her life, she and her family are forced to choose: stay and risk more violence or flee across seven countries of the Middle East and North Africa in search of safety—along the very route Rawiya and her mapmaker took eight hundred years before in their quest to chart the world. As Nour's family decides to take the risk, their journey becomes more and more dangerous, until they face a choice that could mean the family will be separated forever. Following alternating timelines and a pair of unforgettable heroines coming of age in perilous times, *The Map of Salt and Stars* is the "magical and heart-wrenching" (*Christian Science Monitor*) story of one girl telling herself the legend of another and learning that, if you listen to your own voice, some things can never be lost.

Field-cycling NMR relaxometry is evolving into a methodology of widespread interest with recent technological developments resulting in powerful and versatile commercial instruments. Polymers, liquid crystals, biomaterials, porous media, tissue, cement and many other materials of practical importance can be studied using this technique. This book summarises the expertise of leading scientists in the area and the editor is well placed, after four decades of working in this field, to ensure a broad ranging and high quality title. Starting with an overview of the basic principles of the technique and the scope of its use, the content then develops to look at theory, instrumentation, practical limitations and applications in different systems. Newcomers to the field will find this book invaluable for successful use of the technique. Researchers already in academic and industrial settings, interested in molecular dynamics and magnetic resonance, will discover an important addition to the literature.

From the founding editor of Cleis Press' bestselling Best Lesbian Erotica series (also available from Turnaround) comes a daring new project - a collection of erotica by and for transfolk, FTMs, MTFs, genderqueers, gender outlaws and two-spirited, intersex and gender-variant people. Many of the characters populating the pages of this sizzling collection consciously reinvent, re-imagine and play with gender during sex. The names they give themselves or each other during sex can taunt and tease - but they always signify the presence of gender. The book includes the research papers presented in the final conference of the EU funded SARISTU (Smart Intelligent Aircraft Structures) project, held at Moscow, Russia between 19-21 of May 2015. The SARISTU project, which was launched in September 2011, developed and tested a variety of individual applications as well as their combinations. With a strong focus on actual physical integration and subsequent material and structural testing, SARISTU has been responsible for important progress on the route to industrialization of structure integrated functionalities such as Conformal Morphing, Structural Health Monitoring and Nanocomposites. The gap- and edge-free deformation of aerodynamic surfaces known as conformal morphing has gained previously unrealized capabilities such as inherent de-icing, erosion protection and lightning strike protection, while at the same time the technological risk has been greatly reduced. Individual structural health monitoring techniques can now be applied at the part-manufacturing level rather than via extending an aircraft's time in the final assembly line. And nanocomposites no longer lose their improved properties when trying to upscale from neat resin testing to full laminate testing at element level. As such, this book familiarizes the reader with the most significant developments, achievements and key technological steps which have been made possible through the four-year long cooperation of 64 leading entities from 16 different countries with the financial support of the European Commission.

Presents involving, contemporary themes integrated within a grammar syllabus aligned with the CEFR and Cambridge English (Key, Preliminary and First) plus Trinity (ISE 0, I and II) exams.

"Your one-stop shop for G-spot stimulation and female ejaculation. Truly, a fabulous book." - Sonia Borg, Ph.D., M.A., M.P.H., author of *Oral Sex She'll Never Forget* and *Oral Sex He'll Never Forget* "This is the must-read book for any woman interested in discovering the secrets of her G-spot. Tristan will teach you how to find and play with the spot for your ultimate pleasure." - Jordan LaRousse and Samantha Sade, authors of *Penis Genius* and *Clitology Experience the ultimate orgasm!* Proper stimulation of the G-spot can yield incredible orgasms and the unique and powerful experience of female ejaculation. However, unlike the clitoris, which is easily visible, the G-spot can be tricky to locate and takes skill to work it in just the right way. *The Secrets of G-Spot Orgasms and Female Ejaculation* demystifies this controversial erogenous zone with the latest techniques, positions, and toys for harnessing the power of the G-spot for incredible pleasure. Leading sex educator Tristan Taormino presents the best positions, couple-play techniques, and solo exercises for maximizing G-spot stimulation, achieving female ejaculation, and having intense, full-body orgasms. Step-by-step instructions for both men and women show how to give and receive mind-blowing sensations, create bed-shaking climaxes, and experience one of the wonders of female sexual pleasure—female ejaculation.

The Ultimate Guide to Kink is the first major guide to BDSM in a generation—a bold and sexy collection of essays that run the gamut from expert how-to tutorials to provocative essays that delve into complex questions about desire, power, and pleasure. The book brings together diverse voices from the kink community in an unprecedented way: each chapter is written by a different sexuality/BDSM educator. Divided into two sections, the first section features thorough, thoughtful pieces—on everything from flogging to bondage—packed with techniques and beautifully illustrated with original images from artist Katie Diamond. The second section is dedicated to role-playing fantasies and personal manifestos. From age play to masochism, these chapters cover some of the edgiest, most taboo and controversial elements of kink in depth. The Ultimate Guide to Kink features the expertise of renowned educators writing passionately on their favorite subjects, including Patrick Califia, Midori, Laura Antoniou, Barbara Carrellas, Lee Harrington, Jack Rinella, Lolita Wolf, Madison Young, Hardy Haberman, Felice Shays, Ignacio Rivera, Sarah Sloane, Mollena Williams, FifthAngel, and Edge. It will educate, inspire, and challenge both newcomers to the world of kink and experienced BDSM players.

This book, written by leading international experts, deals exclusively with reconstruction techniques for the Nipple-Areolar Complex (NAC). The first chapters present the history of the Nipple-Areolar Complex reconstruction and the anatomy of this part of the body. After discussing the abnormalities of the Nipple-Areolar Complex and how to prevent Nipple-Areolar Complex disorders, the book provides extensive documentation on techniques for correcting nipple hypertrophy, nipple inversion, and for increasing nipple projection. Readers will also find helpful information of malposition and tumors of the Nipple-Areolar Complex, as well as complications that can arise during the various surgical techniques. The book offers an invaluable guide for residents and fellow, practicing and highly experienced plastic surgeons, general surgeons, and those in cosmetic surgical subspecialties.

As nanotechnology has developed over the last two decades, some nanostructures, such as nanotubes, nanowires, and nanoparticles, have become very popular. However, recent research has led to the discovery of other, less-common nanoforms, which often serve as building blocks for more complex structures. In an effort to organize the field, the Handbook of Less-Common Nanostructures presents an informal classification based mainly on the less-common nanostructures. A small nanotechnological encyclopedia, this book: Describes a range of little-known nanostructures Offers a unifying vision of the synthesis of nanostructures and the generalization of rare nanoforms Includes a CD-ROM with color versions of more than 100 nanostructures Explores the fabrication of rare nanostructures, including modern physical, chemical, and biological synthesis techniques The Handbook of Less-Common Nanostructures discusses a classification system not directly related to the dimensionality and chemical composition of nanostructure-forming compounds or composite. Instead, it is based mainly on the less-common nanostructures. Possessing unusual shapes and high surface areas, these structures are potentially very useful for catalytic, medical, electronic, and many other applications.

Guida al KinkODOYA

Written by experts from London's renowned Royal Free Hospital, Textbook of Plastic and Reconstructive Surgery offers a comprehensive overview of the vast topic of reconstructive plastic surgery and its various subspecialties for introductory plastic surgery and surgical science courses. The book comprises five sections covering the fundamental principles of plastic surgery, cancer, burns and trauma, paediatric plastic surgery and aesthetic surgery, and covers the breadth of knowledge that students need to further their career in this exciting field. Additional coverage of areas in which reconstructive surgery techniques are called upon includes abdominal wall reconstruction, ear reconstruction and genital reconstruction. A chapter on aesthetic surgery includes facial aesthetic surgery and blepharoplasty, aesthetic breast surgery, body contouring and the evolution of hair transplantation. The broad scope of this volume and attention to often neglected specialisms such as military plastic surgery make this a unique contribution to the field. Heavily illustrated throughout, Textbook of Plastic and Reconstructive Surgery is essential reading for anyone interested in furthering their knowledge of this exciting field. This book was produced as part of JISC's Institution as e-Textbook Publisher project. Find out more at <https://www.jisc.ac.uk/rd/projects/institution-as-e-textbook-publisher>

From the Village Voice sex columnist and award-winning adult film star comes Tristan Taormino's personal vignettes of sex in the city—the real story, not the cleaned-up TV version! Tristan Taormino has dished out sex advice to Howard Stern, Dick Clark, Loveline's Dr. Drew and Adam Carolla, and the Playboy Advisor. Now the bestselling author of The Ultimate Guide to Anal Sex for Women blows the lid off sexual propriety with her behind-the-scenes, first-hand peek at America's hot spots. With titles like "The Anal Sex Diaries," "Dyke Debauchery," "Trannie Chaser," "My Life as a Feminist Pornographer" and "Who Does Your Pubic Hair?," Taormino combines explicit erotic reporting with outspoken sexual candor that amuses and informs while giving readers permission to have the fullest sex lives they can imagine.

This book discusses the scientific mechanism of copper electrodeposition and its wide range of applications. The book will cover everything from the basic fundamentals to practical applications. In addition, the book will also cover important topics such as: • ULSI wiring material based upon copper nanowiring • Printed circuit boards • Stacked semiconductors • Through Silicon Via • Smooth copper foil for Lithium-Ion battery electrodes. This book is ideal for nanotechnologists, industry professionals, and practitioners.

Man up and discover the practical and inspirational information all men should know! While it's definitely more than just monster trucks, grilling, and six-pack abs, true manliness is hard to define. The words macho and manly are not synonymous. Taking lessons from classic gentlemen such as Benjamin Franklin and Theodore Roosevelt, authors Brett and Kate McKay have created a collection of the most useful advice every man needs to know to live life to its full potential. This book contains a wealth of information that ranges from survival skills to social skills to advice on how to improve your character. Whether you are braving the wilds with your friends, courting your girlfriend, or raising a family, inside you'll find practical information and inspiration for every area of life. You'll learn the basics all modern men should

know, including how to: -Shave like your grandpa -Be a perfect houseguest -Fight like a gentleman using the art of bartitsu -Help a friend with a problem -Give a man hug -Perform a fireman's carry -Ask for a woman's hand in marriage -Raise resilient kids -Predict the weather like a frontiersman -Start a fire without matches -Give a dynamic speech -Live a well-balanced life So jump in today and gain the skills and knowledge you need to be a real man in the 21st century. Many areas of knowledge converge in the building industry and therefore research in this field necessarily involves an interdisciplinary approach. Effective research requires strong relation between a broad variety of scientific and technological domains and more conventional construction or craft processes, while also considering advanced management processes, where all the main actors permanently interact. This publication takes an interdisciplinary approach grouping various studies on the building industry chosen from among the works presented for the 2nd International Conference on Construction and Building Research. The papers examine aspects of materials and building systems; construction technology; energy and sustainability; construction management; heritage, refurbishment and conservation. The information contained within these pages may be of interest to researchers and practitioners in construction and building activities from the academic sphere, as well as public and private sectors.

Use Sex Toys to Turn Up the Excitement! Are you looking to take your sex life from everyday to extraordinary? The Big Book of Sex Toys covers the hottest hardware for taking your sex life to the next level. Whether you're looking to liven up solo sex, hit hot spots more easily, give your partner new sensations or add new twists to classic positions, inside you'll find every toy imaginable from mild to wild. Inside, you'll find: —Wearable vibrators that give you a buzz all day long —Double-ended dildos that give simultaneous penetration for him and her —Sex furniture and swing-sets that make your bedroom the ultimate playground —Fun accoutrements that put the sizzle in sensation play Sexy photos take the guesswork out how to integrate toys with positions, oral sex, and hand moves as well as how to get in and out of strap-ons, slings, and swings like a pro. Renowned author, sex expert, and adult film director Tristan Taormino has put together the ultimate guide to choosing, buying, and getting the most sexual satisfaction from your sex toys. Whether you're a curious novice or an advanced aficionado, The Big Book of Sex Toys offers recommendations and advice for the top toys in every category from vibrators to butt plugs to bondage and tells you everything you need to know but were too shy to ask.

Featuring a foreword by Bob Metcalfe, inventor of Ethernet! Ethernet, the most widely-used local area networking technology in the world, is moving from the server rooms of automobile manufacturers to their vehicles. As the quantity and variety of electronic devices in cars continues to grow, Ethernet promises to improve performance and enable increasingly powerful and useful applications in vehicles. Now, from Intrepid Control Systems (www.intrepidcs.com) - a leader in the world of automotive networking and diagnostic tools - comes the first book to describe the technology behind the biggest revolution in automotive networking since the 1980s: Automotive Ethernet - The Definitive Guide describes the fundamentals of networking, data link and physical layers of industry-standard Ethernet variants, as well as the new (one twisted pair 100Base Ethernet) 1TPCE or BroadR-Reach technology developed by Broadcom specifically for vehicle use. Topics covered include: in-vehicle networking requirements, comparing Ethernet to CAN and other existing networks (such as LIN, MOST, and FlexRay), TCP/UDP, IPv4/IPv6 and Diagnostics over IP (DoIP). Also covered are the Audio Video Bridging standards used to transport media over Ethernet: Stream Reservation Protocol or SRP (802.1Qat), Forward-Queueing and Time-Sensitive Streams or FQTSS (802.1Qav), Timing and Synchronization for Time-Sensitive Applications or gPTP (802.1as), and Transport Protocol for Time-Sensitive Applications or AVTP (IEEE 1722), and more. Automotive Ethernet: The Definitive Guide will also be available as an ebook for your Kindle!

These erotic tales of bisexuality really run the gamut -- from Samurai-era Japan to an 18th century French nunnery; from a shape-shifting college dude to a lap-dance stripper to a man cross-living as a woman on the Canadian prairie in the early 1900s. Plenty of three-way affairs and encounters, a moderate dose of bondage and S/M, and three great stories incorporating sex in the restroom! Despite all of this delightful romping, the tone of the book is more serious overall and somewhat darker than in the first volume, with well-developed plots featuring characters dealing (and in some cases, Not dealing) with complex issues. Stories tackle the intricacies of polyfidelity, coming out, and forging a positive bisexual identity. There is a Lot for readers to sink their teeth into, and the range of contributions demonstrates a maturing of the bisexual erotic voice.

Described by Salon as 'the bible of female anal sex,' The Ultimate Guide to Anal Sex for Women is a comprehensive and creative guide to anal pleasure. Tristan Taormino offers the kind of informed reassurance that can encourage even an absolute beginner to explore this nerve-rich part of the body, either alone or with a partner of any gender. Beginning by dispelling common myths about anal eroticism, Taormino goes on to illustrate anatomy, give tips on building trust and communicating desires, providing reliable, easy-to-understand information.

The Ultimate Guide to Sex and Disability is the first complete sex guide for people who live with disabilities, pain, illness, or chronic conditions. Useful for absolutely everyone, regardless of age, gender, or sexual orientation, the book addresses a wide range of disabilities — from chronic fatigue, back pain, and asthma to spinal cord injury, hearing and visual impairment, multiple sclerosis, and more. Expertly written by a medical doctor, a sex educator, and a disability activist, The Ultimate Guide provides readers with encouragement, support, and all the information they need to create a sex life that works for them. The authors cover all aspects of sex and disability, including building a positive sexual self-image; positions to minimize stress and maximize pleasure; dealing with fatigue or pain during sex; finding partners and talking with partners about sex and disability; adapting sex toys; and more.

Considerato negli Stati Uniti, anche da "mostri sacri" quali Dan Savage, la migliore e più diffusa guida al BDSM, ai giochi di ruolo erotici e alla sessualità "alternativa" che sia mai stata scritta, questo volume costituisce un manuale fondamentale per più generazioni, una collezione audace (e sexy) di saggi sulla libera espressione della propria

sessualità che spaziano da consigli pratici a suggerimenti provocatori su come fare nuove emozionanti esperienze, il tutto per approfondire le complesse questioni di desiderio, potere, sottomissione e piacere. Tristan Taormino raccoglie molteplici esperienze della comunità kink per la prima volta assieme in un libro senza precedenti: ogni tematica è approfondita in un capitolo dedicato, grazie ai contributi dei migliori SexExpert, dotati di grande competenza psicologica e pratica sul tema trattato. Nella prima parte del volume si esplorano “capacità e tecniche”: idee creative e user friendly per bondage, spanking, fustigazione, gioco di ruolo e sesso violento consenziente; mentre la seconda è dedicata a “fantasie e filosofie”. Qualunque sia il vostro desiderio più nascosto, qualsiasi emozione o sensazione vi ecciti, gli autori vi aiuteranno a vivere la vostra sessualità in modo libero, soddisfacente, consensuale e sicuro. Se volete imparare a fare un nodo a dovere o ad assestare una frustata soddisfacente, se desiderate comprendere la perversione del vostro partner e altre pratiche suggestive... questo è il libro che fa per voi! KINK [sost. /'k??k/, agg. kinky /'k??k?/] = lett. stranezza, particolarità, bizzarria; gamma di pratiche sessuali non convenzionali usate come mezzo per rafforzare l'intimità tra i partner; un'esperienza intima, uno scambio di potere fra persone che può essere fisico, erotico, sessuale, psicologico, spirituale o, più spesso, una combinazione di questi elementi; in senso lato, le persone, le pratiche e le comunità che si muovono al di là delle idee tradizionali sul sesso per esplorare i confini dell'erotismo. Il kink comprende BDSM, sadomasochismo, sesso bizzarro, dominazione e sottomissione, giochi di ruolo, bondage, fantasie, fetish e altre espressioni alternative dell'ero

Fecal incontinence is a common and embarrassing condition with a devastating impact on patients' lives. Since it may result from a variety of pathophysiological situations, an accurate diagnostic work-up is crucial. A range of therapies is available, but choosing the correct option is pivotal to successful management. This book reviews the latest advances in the epidemiologic, socio-economic, psychological, diagnostic, and therapeutic aspects of fecal incontinence, helping to establish effective treatment guidelines.

Even high-speed supercomputers cannot easily convert traditional two-dimensional databases from chemical topology into the three-dimensional ones demanded by today's chemists, particularly those working in drug design. This fascinating volume resolves this problem by positing mathematical and topological models which greatly expand the capabilities of chemical graph theory. The authors examine QSAR and molecular similarity studies, the relationship between the sequence of amino acids and the less familiar secondary and tertiary protein structures, and new topological methods.

Scoprirsi omosessuali o bisessuali è un evento che stravolge la socialità e la vita privata. Innamorarsi tra uomini è la meraviglia di esporre i propri veri e reali sentimenti interiori, una liberazione personale, la way of life per essere se stessi. Ma fisicamente e praticamente? Condividere la propria sessualità tra maschi conduce a una vita sessuale molto ricca e spesso varia, che deve confrontarsi con una mancanza di letteratura capace di aiutare a vivere con disinvoltura e con pieno piacere la propria sessualità e il proprio corpo. Questo libro colma una lacuna importante e, in modo completo e disinibito, informa i neofiti, diverte gli esperti e incuriosisce gli eterosessuali verso un “mondo altro” tutto da scoprire... Tra gli argomenti trattati: • la preparazione e l'igiene; • come dare e ricevere piacere; • costruire la fiducia e comunicare desideri; • scegliere sex toys e accessori, norme di pratica e utilizzo; • sesso anale sicuro. Comprende fondamentali risorse: dove trovare libri, video e siti web di riferimento. Un libro eccellente e assolutamente necessario nel panorama editoriale di oggi! – Lockett F. Ballard – Guida importante per esperti, ma anche per curiosi che vogliono lanciarsi in una nuova avventura. – Arnold Mengrate – Risponde a tutti i dubbi possibili sul sesso anale! – Arnold Mengrate – Bill Brent è stato un prolifico autore di letteratura erotica e membro delle comunità sessuali alternative di San Francisco. Fondò negli anni Novanta la casa editrice underground Black Books, il cui nome trae spunto dal celebre The Black Book, pubblicato da Brent nel 1992 e giunto alla sesta edizione, una delle prime e più celebri guide al kink e al fetish pubblicate negli Stati Uniti. In qualità di curatore editoriale si è occupato della collana di grande successo “Best Bisexual Erotica” e della rivista erotica Black Sheets. Suoi racconti e articoli sono confluiti in più di 30 antologie dedicate alla sessualità alternativa.

Escal-Vigor (1899) is a novel by Georges Eekhoud. Recognized as a groundbreaking work of LGBTQ literature, Escal-Vigor was praised by some of Belgium's leading critics upon publication, but also led to a trial in which Eekhoud was accused of obscenity. Acquitted, he managed to retain his reputation as a leading writer in Belgium and continued publishing novels and stories, often on homosexuality, until his death in 1927. “Henry, whose nature was passionate and philosophy audacious, told himself, not without reason, that through his affinities, he would feel himself at home amid these beautifully barbarous surroundings, where natural instincts reigned.” Having lived freely around Europe, Henry Kehlmark returns to his family's ancestral home, ready to settle down in the role of Dykgrave, or Count. Soon, however, his cosmopolitan ways draw the attention of the local villagers, who mistrust Henry and question his intentions. When the Count strikes up a romantic relationship with the burgomaster's son, an impressionable youth, he risks violent reprisal as a homosexual living in proximity to a traditional, insular people. For once in his life, however, Henry feels like he can be himself, living truthfully and without fear, able to separate himself from the pressures that dogged so many of his loved ones, now deceased. When word of their relationship gets out, however, Henry discovers the limits of provincial hospitality. With a beautifully designed cover and professionally typeset manuscript, this edition of Georges Eekhoud's Escal-Vigor is a classic work of Belgian literature reimagined for modern readers.

This book provides the latest recommendations for ultrasound examination of the entire urogenital system, particularly in the male. The coverage encompasses the role of ultrasound in imaging of disorders of the kidneys, urinary tract, prostate, seminal vesicles, bladder, testes, and penis, including male infertility disorders. In addition, detailed consideration is given to intraoperative and interventional ultrasound and recently developed ultrasound techniques. Each chapter defines the purpose of and indications for ultrasound, identifies its benefits and limitations, specifies the technological standards for devices, outlines performance of the investigation, establishes the expected accuracy for differential diagnosis, and indicates the reporting method. Most of the recommendations are based on review of the literature, on previous recommendations, and on the opinions of the experts of the Imaging Working Group of the Italian Society of Urology (SIU) and the Italian Society of Ultrasound in Urology, Andrology, and Nephrology (SIEUN). The book will be of value for all physicians involved in the first-line evaluation of diseases of the renal/urinary system and male genital disorders.

Covers many aspects of adult human sexuality, with a brief historical and educational overview of the body and detailed descriptions of various techniques, acts, and fantasies.

Since 2007, the biennial International Conferences on Dynamics in Logistics (LDIC) offers researchers and practitioners from logistics, operations research, production, industrial and electrical engineering as well as from computer science an opportunity to meet and to discuss the latest developments in this particular research domain. From February 12th to 14th 2020 for the seventh time, LDIC 2020 is held in Bremen, Germany. Similar to its six predecessors, the Bremen Research Cluster for Dynamics in Logistics (LogDynamics) organizes this conference. The spectrum of topics reaches from the dynamic modeling, planning and control of processes over supply chain management and maritime logistics to innovative technologies and robotic applications for cyber-physical production and logistics systems. LDIC 2020 provides a forum for the discussion of advances in that matter. The conference program consists of three invited keynote speeches and 51

papers selected by a severe double-blind reviewing process. Within these proceedings all the papers are published. By this, the proceedings give an interdisciplinary outline on the state of the art of dynamics in logistics as well as identify challenges and solutions for logistics today and tomorrow.

This book describes advanced research on the structures and photochemical properties of polyatomic molecules and molecular clusters having various functionalities under cold gas-phase conditions. Target molecules are crown ethers, polypeptides, large size protonated clusters, metal clusters, and other complex polyatomic molecules of special interest. A variety of advanced frequency and time-domain laser spectroscopic methods are applied. The book begins with the principle of an experimental setup for cold gas-phase molecules and various laser spectroscopic methods, followed by chapters on investigation of specific molecular systems. Through a molecular-level approach and analysis by quantum chemical calculation, it is possible to learn how atomic and molecular-level interactions (van der Waals, hydrogen-bonding, and others) control the specific properties of molecules and clusters. Those properties include molecular recognition, induced fitting, chirality, proton and hydrogen transfer, isomerization, and catalytic reaction. The information will be applicable to the design of new types of functional molecules and nanoparticles in the broad area that includes applied chemistry, drug delivery systems, and catalysts.

From the Booker Prize winning author of *Amsterdam*, a brilliant new novel. On the hottest day of the summer of 1935, thirteen-year-old Briony Tallis sees her sister Cecilia strip off her clothes and plunge into the fountain in the garden of their country house. Watching her is Robbie Turner, son of the Tallis's cleaning lady, whose education has been subsidized by Cecilia's and Briony's father, and who, like Cecilia, has recently come down from Cambridge. By day's end, their lives will be changed – irrevocably. Robbie and Cecilia will have crossed a boundary they had not imagined at its start. And Briony will have witnessed mysteries, seen an unspeakable word, and committed a crime for which she will spend the rest of her life trying to atone... Brilliant and utterly enthralling in its depiction of love and war and class and childhood and England, *An Atonement* is a profound – and profoundly moving – exploration of shame and forgiveness, of atonement and of the possibility of absolution.

George W. Bush has launched a revolution in American foreign policy. He has redefined how America engages the world, shedding the constraints that friends, allies, and international institutions impose on its freedom of action. He has insisted that an America unbound is a more secure America. How did a man once mocked for knowing little about the world come to be a foreign policy revolutionary? In *America Unbound*, Ivo H. Daalder and James M. Lindsay dismiss claims that neoconservatives have captured the heart and mind of the president. They show that George W. Bush has been no one's puppet. He has been a strong and decisive leader with a coherent worldview that was evident even during the 2000 presidential campaign. Daalder and Lindsay caution that the Bush revolution comes with significant risks. Raw power alone is not enough to preserve and extend America's security and prosperity in the modern world. The United States often needs the help of others to meet the challenges it faces overseas. But Bush's revolutionary impulse has stirred great resentment abroad. At some point, Daalder and Lindsay warn, Bush could find that America's friends and allies refuse to follow his lead. America will then stand alone—a great power unable to achieve its most important goals.

This book provides essential insights into how the approach to nursing care in ICU patients has markedly changed over recent years. It shows how the focus has progressively moved away from the technical approach that characterized early ICUs to a wider personalization of patient care that also highlights general problems such as basic hygiene and general comfort. It also demonstrates that, at the same time, the nurses' role has become more professionalized, with increasing competences in assessing and managing patients' problems and measuring related outcomes. It is structured in four units: Unit 1 presents the essential elements of accurate vital-function and basic-needs assessments for ICU patients, using both instrumental monitoring and specially validated assessment tools. Unit 2 addresses basic care in ICU patients, particularly hygiene and mobilization, reflecting recent developments in nursing that focus on the importance of these activities. Unit 3 highlights the main nursing outcomes in ICU patients, particularly focusing on risk prevention and complication management. Lastly, Unit 4 discusses advances in ICU nursing, from clinical, organizational and research perspectives.

The Magnesium Technology Symposium, the event on which this collection is based, is one of the largest yearly gatherings of magnesium specialists in the world. Papers represent all aspects of the field, ranging from primary production to applications to recycling. Moreover, papers explore everything from basic research findings to industrialization. *Magnesium Technology 2019* covers a broad spectrum of current topics, including alloys and their properties; cast products and processing; wrought products and processing; forming, joining, and machining; corrosion and surface finishing; and structural applications. In addition, there is coverage of new and emerging applications.

MEDITATION MADE EASY. Daily mindfulness meditation is the single best action one can take for a stable, functional, and content mental state. You will see improvements in clarity, calm and control, reductions in the symptoms of anxiety, depression and fatigue, and increased feelings of purpose, meaning and joy. This book will get you meditating immediately, and then gently guide you through the deeper aspects of the practice, with clear, concise, and easy to understand language. It will provide you with a toolbox of sorts, one that will enable you to achieve the benefits of mindfulness both on the meditation mat, and in your everyday life. **Mindfulness: A Guidebook To The Present Moment** is an essential read for both beginning meditators and seasoned practitioners.

Barrier, reservoir, target site - those are but some of the possible functions of biological lipid membranes in the complex interplay of drugs with the organism. A detailed knowledge of lipid membranes and of the various modes of drug-membrane interaction is therefore the prerequisite for a better understanding of drug action. Many of today's pharmaceuticals are amphiphilic or catamphiphilic, enabling them to interact with biological membranes. Crucial membrane properties are surveyed and techniques to elucidate drug-membrane interactions presented, including computer-aided predictions. Effects of membrane interaction on drug action and drug distribution are discussed, and numerous examples are given. This unique reference volume builds on the authors' long experience in the study of drug-membrane interaction. Recommended reading for everyone involved in pharmaceutical research.

Muscarinic acetylcholine receptors have played a key role in the advancement of knowledge of pharmacology and neurotransmission since the inception of studies in these fields, and the effects of naturally occurring drugs acting on muscarinic receptors were known and exploited for both therapeutic and non-therapeutic purposes for hundreds of years before the existence of the receptors themselves was recognized. This volume presents a broad yet detailed review of current knowledge of muscarinic receptors that will be valuable both to long-time muscarinic investigators and to those new to the field. It describes the detailed insights that have been obtained on the structure, function, and cell biology of muscarinic receptors. This volume also describes physiological analyses of muscarinic receptors and their roles in regulating the function of the brain and of a variety of peripheral

tissues. This volume shows how the study of muscarinic receptors continues to provide new and surprising insights not just to the cholinergic system but to the broad areas of neurobiology, cell biology, pharmacology, and therapeutics.

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