How To Remove Or Bypass Samsung Reactivation Lock Remotely

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Unity for Absolute Beginners Sue Blackman 2014-06-23 Unity for Absolute Beginners walks you through the fundamentals of creating a small third-person shooter game with Unity. Using the free version of Unity to begin your game development career, you'll learn how to import, evaluate and manage your game resources to create awesome third-person shooters. This book assumes that you have little or no experience with game development, scripting, or 3D assets, and that you're eager to start creating games as quickly as possible, while learning Unity in a fun and interactive environment. With Unity for Absolute Beginners you'll become familiar with the Unity editor, key concepts and functionality. You'll learn how to import, evaluate and manage resources. You'll explore C# scripting in Unity, and learn how to use the Unity API. Using the provided art assets, you will learn the fundamentals of good game design and iterative refinement as you take your game from a simple prototype to a quirky, but challenging variation of the ever-popular first-person shooter. As can be expected, there will be plenty of destruction, special effects and mayhem along the way. Unity for Absolute Beginners assumes that you have little or no experience with game development, scripting, or 3D assets, but are eager to get up-to-speed as quickly as possible while learning Unity in a fun and interactive environment.

Pediatric Hepatology and Liver Transplantation Lorenzo D'Antiga 2019-04-29 This book is the first to provide balanced examination of both pediatric liver disease and liver transplantation – two topics that are inherently related, given that most chronic liver disorders eventually require organ replacement. The different forms of liver disease encountered in the pediatric age group are first discussed in a series of disease-specific chapters that have a reader-friendly, uniform structure covering pathophysiology, diagnostic and treatment algorithms, clinical cases, and transition to adult care. Key topics in the field of liver transplantation are then addressed. Examples include indications and contraindications, surgical techniques and complications, immunosuppression, in pediatric liver transplantation, acute and chronic rejection and allograft dysfunction, and CMV and EBV infection in transplant recipients, long-term graft injury and tolerance. A section on pediatric hepatology across the world includes chapters presenting the features and management of pediatric liver disease in South-America, Africa and Asia. A closing section considers what the future holds for pediatric liver disease and its management, including novel genetic testing, cell therapy and gene therapy. Pediatric Hepatology and Liver Transplantation will be of value for a range of practitioners, from residents making their first approach to pediatric liver disease through to specialists working in transplantation centers.

Retail Marketing and Branding Jesko Perrey 2013-01-02 Retail Marketing and Branding, 2nd Edition looks at how retailers can make more out of their marketing money with retail best practices in branding and marketing spend optimization. The second edition of Retail Marketing and Branding includes the following updates: * New and updated case examples * Updated figures and examples throughout * New interviewers with recent experiences * Additional chapters

Oncology in the Precision Medicine Era Ravi Salgia 2019-12-17 This volume comprehensively reviews oncology in the precision medicine era of personalized care, latest developments in the field, and indications and clinical trials for the treatment of cancer with targeted therapies, immunotherapy, and epigenetic modulators. It thoroughly addresses concerns of various types of cancers including cancers of the head and neck, lung, colon, esophagus, bladder, pancreas, and breast; melanoma; multiple myeloma; hepatocellular carcinoma; renal cell carcinoma; and sarcomas. It is organized and written in a format that is easy to follow for both clinicians and non-clinical scientists interested in personalized medicine. Chapters cover the identification of the clinical problem and summary of recent findings, tumor biology and heterogeneity, genomics, examples of simple and complex cases, biological pathways, future clinical trials, and financial considerations. Oncology in the Precision Medicine Era: Value-Based Medicine will serve as a useful resource for medical oncologists and healthcare providers tailoring medicine to the needs of the individual patient, from prevention and diagnosis to treatment and follow up.

Noninvasive Ventilation in High-Risk Infections and Mass Casualty Events Antonio M. Esquinas 2013-11-12 The past few decades have seen major impacts of different pandemics and mass casualty events on health resource use in terms of rising healthcare costs and increased mortality. In this context, the development of acute respiratory failure in patients requires the use of mechanical ventilation, either invasive or noninvasive. Recently, noninvasive ventilation (NIV) has proved to be a valuable strategy to reduce mortality rates in patients. This is the first book to describe the clinical indications of NIV in patients who have been hospitalized with high-risk infections as well as in the prehospital management of mass casualty incidents, including chemical or biological disasters and pandemics. Compiled by internationally respected experts, it offers comprehensive coverage of all aspects of noninvasive mechanical ventilation in public health emergencies, such as equipment needs and guidelines for health organizations. Considering recent events (SARS, H1N1 influenza pandemic), the book concludes with a critical review of current studies and future prospects for the use of NIV, offering a valuable resource for all practitioners managing mass casualty incidents and disasters.

Integrated Circuit and System Design: Power and Timing Modeling, Optimization and Simulation José Monteiro 2010-02-18 Welcome to the proceedings of the 19th International Workshop on Power and TimingModeling, OptimizationandSimulation, PATMOS2009.Overtheyears, PATMOShasevolvedintoanimportantEuropeanevent, whereresearchersfrom both industry and academia discuss and investigate the emerging challenges in future and contemporary applications, design methodologies, and tools required for the development of the upcoming generations of integrated circuits and s- tems. PATMOS 2009 was organized by TU Delft, The Netherlands, with sp- sorship by the NIRICT Design Lab and Cadence Design Systems, and technical co-sponsorshipbytheIEEE.Furtherinformationabouttheworkshopisavailable athttp: //ens.ewi.tudelft.nl/patmos09. The technical programof PATMOS 2009 contained state-of-the-arttechnical contributions, three invited keynotes, and a special session on SystemC-AMS Extensions. The technical program focused on timing, performance, and power consumption, as well as architectural aspects with particular emphasis on m- eling, design, characterization, analysis, and optimization in the nanometer era. The Technical Program Committee, with the

assistance of additional expert reviewers, selected the 36 papers presented at PATMOS. The papers were - ganized into 7 oral sessions (with a total of 26 papers) and 2 poster sessions (with a total of 10 papers). As is customary for the PATMOS workshops, full papers were required for review, and a minimum of three reviews were received per manuscript.

Advances in Computer Science and Ubiquitous Computing Doo-Soon Park 2015-12-17 This book presents the combined proceedings of the 7th International Conference on Computer Science and its Applications (CSA-15) and the International Conference on Ubiquitous Information Technologies and Applications (CUTE 2015), both held in Cebu, Philippines, December 15 - 17, 2015. The aim of these two meetings was to promote discussion and interaction among academics, researchers and professionals in the field of computer science covering topics including mobile computing, security and trust management, multimedia systems and devices, networks and communications, databases and data mining, and ubiquitous computing technologies such as ubiquitous communication and networking, ubiquitous software technology, ubiquitous systems and applications, security and privacy. These proceedings reflect the state-of-the-art in the development of computational methods, numerical simulations, error and uncertainty analysis and novel applications of new processing techniques in engineering, science, and other disciplines related to computer science.

Bispecific Antibodies Roland E. Kontermann 2011-07-21 The concept of using bispecific antibodies for cancer therapy by retargeting immune effector cells was developed several years ago. Initial clinical studies were rather disappointing mainly due to low efficacy, severe side effects and the immunogenicity of the bispecific antibodies. The progress in antibody engineering finally led to the generation of new classes of bispecific antibodies lacking these obstacles. In addition, new applications were established, such as pre-targeting strategies in radioimmunotherapy and dual targeting approaches in order to improve binding, selectivity and efficacy. In this book, the different ways of generating bispecific antibodies are described, with emphasis on recombinant formats. The various applications of bispecific antibodies, e.g. in cellular cancer immunotherapy, radioimmunotherapy and pretargeting strategies are covered, and emerging applications such as dual targeting strategies, which involve the simultaneous inhibition of two targets, are addressed.

Hypocretins Luis De Lecea 2007-04-25 The first report that rapid eye movements occur in sleep in humans was published in 1953. The research journey from this point to the realization that sleep consists of two entirely independent states of being (eventually labeled REM sleep and non-REM sleep) was convoluted, but by 1960 the fundamental duality of sleep was well established including the description of REM sleep in cats associated with "wide awake" EEG patterns and EMG suppression. The first report linking REM sleep to a pathology occurred in 1961 and a clear association of sleep onset REM periods, cataplexy, hypnagogic hallucinations and sleep paralysis was fully established by 1966. When a naïve individual happens to observe a full-blown cataplexy attack, it is both dramatic and unnerving. Usually the observer assumes that the loss of muscle tone represents syncope or seizure. In order to educate health professionals and the general public, Christian Guilleminault and I made movies of full-blown cataplectic episodes (not an easy task). We showed these movies of cataplexy attacks to a number of professional audiences, and were eventually rewarded with the report of a similar abrupt loss of muscle tone in a dog. We were able to bring the dog to Stanford University and with this as the trigger, we were able to develop the Stanford Canine Narcolepsy Colony. Breeding studies revealed the genetic determinants of canine narcolepsy, an autosomal recessive gene we termed canarc1. Emmanuel Mignot took over the colony in 1986 and began sequencing DNA, finally isolating canarc1 in 1999.

Email Marketing Jeanniey Mullen 2011-03-10

Advanced Techniques in Diagnostic Microbiology Yi-Wei Tang 2018-11-09 In recent years, advanced molecular techniques in diagnostic microbiology have been revolutionizing the practice of clinical microbiology in the hospital setting. Molecular diagnostic testing in general and nucleic acid-based amplification methods in particular have been heralded as diagnostic tools for the new millennium. This third edition covers not only the most recent updates and advances, but details

newly invented omic techniques, such as next generation sequencing. It is divided into two distinct volumes, with Volume 1 describing the techniques, and Volume 2 addressing their applications in the field. In addition, both volumes focus more so on the clinical relevance of the test results generated by these techniques than previous editions.

Molecular Basis of Resilience Patrick L. Iversen 2018-09-29 This book illuminates mechanisms of resilience. Threats and defense systems lead to adaptive changes in gene expression. Environmental conditions may dampen adaptive responses at the level of RNA expression. The first seven chapters elaborate threats to human health. Human populations spontaneously invade niche boundaries exposing us to threats that drive the resilience process. Emerging RNA viruses are a significant threat to human health. Antiviral drugs are reviewed and how viral genomes respond to the environment driving genome sequence plasticity. Limitations in predicting the human outcome are described in "nonlinear anomalies." An example includes medical countermeasures for Ebola and Marburg viruses under the "Animal Rule." Bacterial infections and a review of antibacterial drugs and bacterial resilience mediated by horizontal gene transfer follow. Chapter 6 shifts focus to cancer and discovery of novel therapeutics for leukemia. The spontaneous resolution of AML in children with Down syndrome highlights human resilience. Chapter 7 explores chemicals in the environment. Examples of chemical carcinogenesis illustrate how chemicals disrupt genomes. Historic research ignored RNA damage from chemically induced nucleic acid damage. The emergence of important forms of RNA and their possible role in resilience is proposed. Chapters 8-10 discuss threat recognition and defense systems responding to improve resilience. Chapter 8 describes the immune response as a threat recognition system and response via diverse RNA expression. Oligonucleotides designed to suppress specific RNA to manipulate the immune response including exon-skipping strategies are described. Threat recognition and response by the cytochrome P450 enzymes parallels immune responses. The author proposes metabolic clearance of small molecules is a companion to the immune system. Chapter 10 highlights RNA diversity expressed from a single gene. Molecular Resilience lists paths to RNA transcriptome plasticity forms the molecular basis for resilience. Chapter 11 is an account of ExonDys 51, an approved drug for the treatment of Duchenne muscular dystrophy. Chapter 12 addresses the question "what informs molecular mechanisms of resilience?" that drives De limits to adaptation and boundaries for molecular resilience. He speculates that radical oxygen, epigenetic modifications, and ligands to nuclear hormone receptors play critical roles in regulating molecular resilience.

Mobile Computing, Applications, and Services Gerard Memmi 2014-03-04 This book constitutes the thoroughly refereed post-conference proceedings of the 5th International Conference on Mobile Computing, Applications, and Services (MobiCASE 2013) held in Paris, France, in November 2013. The 13 full, 5 short and 9 poster papers were carefully reviewed and selected from 64 submissions, and are presented together with 3 papers from the Workshop on Near Field Communication for Mobile Applications (NFS). The conference papers are covering mobile applications development, mobile social networking, novel user experience and interfaces, mobile services and platforms such as Android, iOS, BlackBerry OS, Windows phone, Bada, mobile software engineering and mobile Web, mobile payments and M2M infrastructure, mobile services such as novel hardware add-ons, energy aware services or tools, NFC-based services, authentication services.

Foreign Direct Investment in Latin America and the Caribbean 2010 United Nations 2011
The Neganthropocene Daniel Ross 2020-10-09 In the essays and lectures here titled Neganthropocene, Stiegler opens an entirely new front moving beyond the dead-end "banality" of the Anthropocene. Stiegler stakes out a battleplan to proceed beyond, indeed shrugging off, the fulfillment of nihilism that the era of climate chaos ushers in. This work was published by Saint Philip Street Press pursuant to a Creative Commons license permitting commercial use. All rights not granted by the work's license are retained by the author or authors.
Internet Marketing: Strategy, Implementation And Practice, 3/E Dave Chaffey 2008-09

WIPO Technology Trends 2019 - Artificial Intelligence World Intellectual Property Organization 2019-01-21 The first report in a new flagship series, WIPO Technology Trends, aims to shed light on the trends in innovation in artificial intelligence since the field first developed in the 1950s.

Windows 7 Tweaks Steve Sinchak 2010-01-22 The definitive guide to unlocking the hidden potential of the Windows 7 OS Written by bestselling author and the creator of tweaks.com Steve Sinchak, this unique guide provides you with the ultimate collection of hidden gems that will enable you to get the most out of Windows 7. Packed with more than 400 pages of insider tips, the book delves beneath the surface to reveal little-known ways to tweak, modify, and customize Windows 7 so you can get every ounce of performance from your operating system. Regardless of your experience with tweaking your system, you'll find fascinating and fun tips and tricks for getting under the hood of Windows 7 that will allow you to optimize its appearance, speed, usability, and security. Bestselling author and creator of tweaks.com shows you how to tweak, modify, customize, and take complete control of the new Windows 7 operating system Unlocks hidden gems for optimizing the appearance, speed, usability, and security of the Windows 7 OS Shows you how to customize boot and login screens, supercharge your network and online speed, get rid of features that drive you nuts, fine tune your User Account Protection, and more So roll up your sleeves and take off your gloves so you can take total control over your Windows 7 OS!

Twelve Years a Slave Solomon Northup 2021-01-01 "Having been born a freeman, and for more than thirty years enjoyed the blessings of liberty in a free State—and having at the end of that time been kidnapped and sold into Slavery, where I remained, until happily rescued in the month of January, 1853, after a bondage of twelve years—it has been suggested that an account of my life and fortunes would not be uninteresting to the public." -an excerpt

Wärtsilä Encyclopedia of Ship Technology 2015

Emerging Trends in Cell and Gene Therapy Michael K. Danquah 2013-06-14 Examples from various organs and diseases illustrate the potential benefit obtained when both therapeutic approaches are combined with delivery strategies. Representing the combined effort of several leading international research and clinical experts, this book, Emerging Trends in Cell and Gene Therapy, provides a complete account on and brings into sharp focus current trends and state-of-the-art in important areas at the interface of cell- and gene-based therapies. This book addresses the current fragmented understanding regarding these two research areas and fills the vast unmet educational need and interest of both students and researchers in academia and industry. Main features of the book: · Biological aspects of stem cell sources, differentiation and engineering. · Application of microfluidics to study stem cell dynamics · Potential clinical application of stem cells and gene therapy to specific human disease. · Utilization of biomaterials and stem cells in regenerative medicine with particular emphasis on spinal cord repair, ligament and bone tissue engineering. · Biomimetic multiscale topography for cell alignment.

Neurological Complications of Infectious Diseases Rodrigo Hasbun, MD MPH 2021-12-28 This book offers a comprehensive review of the most common infectious diseases that affect the nervous system. Written by international experts, it provides a guide to clinicians for accurately diagnosing and treating these challenging syndromes. Organized into six sections, the book presents didactic, up-to-date information on the following topics relating to central nervous system (CNS) infections: diagnosis and evaluation of the patient, bacterial, viral, fungal and mycobacterial infections, disorders of the spinal cord, and a myriad of miscellaneous infections. Chapters specifically reflect and look to resolve the common obstacles clinicians face in the field, such as having unknown etiologies on the majority of CNS infections, insensitive and slow microbiological techniques, an increasing number of immunosuppressed individuals with atypical presentations and pathogens, and a lack of standardized diagnostic algorithms. A complex yet accessible addition to the Current Clinical Neurology Series, Neurological Complications of Infectious Diseases invaluably examines a wide range of infections that have neurological complications and sequelae.

Reflow Soldering Processes and Troubleshooting Ning-Cheng Lee 2002-01 Focused on technological innovations in the field of electronics packaging and production, this book elucidates the changes in reflow soldering processes, its impact on defect mechanisms, and, accordingly, the troubleshooting techniques during these processes in a variety of board types. Geared toward electronics manufacturing process engineers, design engineers, as well as students in process engineering classes, Reflow Soldering Processes and Troubleshooting will be a strong contender in the continuing skill development market for manufacturing personnel. Written using a very practical, hands-on approach, Reflow Soldering Processes and Troubleshooting provides the means for engineers to increase their understanding of the principles of soldering, flux, and solder paste technology. The author facilitates learning about other essential topics, such as area array packages--including BGA, CSP, and FC designs, bumping technique, assembly, and rework process,--and provides an increased understanding of the reliability failure modes of soldered SMT components. With cost effectiveness foremost in mind, this book is designed to troubleshoot errors or problems before boards go into the manufacturing process, saving time and money on the front end. The author's vast expertise and knowledge ensure that coverage of topics is expertly researched, written, and organized to best meet the needs of manufacturing process engineers, students, practitioners, and anyone with a desire to learn more about reflow soldering processes. Comprehensive and indispensable, this book will prove a perfect training and reference tool that readers will find invaluable. Provides engineers the cutting-edge technology in a rapidly changing field Offers in-depth coverage of the principles of soldering, flux, solder paste technology, area array packages--including BGA, CSP, and FC designs, bumping technique, assembly, and the rework process

Postgraduate Haematology A. Victor Hoffbrand 2008-04-15 "Most hematologists need a revised and practical textbook in which they can rapidly search on the morning of a consultation...This book will be an important resource in such situations." New England Journal of Medicine A well established and respected review of hematology Postgraduate Haematology is a practical, readable text which will give trainees, residents and practising hematologists up-to-date knowledge of the pathogenesis, clinical and laboratory features and management of blood disorders. Postgraduate Haematology is ideal for: Trainees and residents in hematology Hematologists in practice Why Buy This Book? A well established and respected review of hematology Practical and readable text Essential information for everyday use as well as the scientific background Up-to-date knowledge of the pathogenesis, clinical and laboratory features and management of blood disorders Complete revision of all chapters and the addition of new chapters to reflect latest advances in the speciality

Pre-Invasive Disease: Pathogenesis and Clinical Management Rebecca C. Fitzgerald 2010-10-14 This book is written by International experts in their field and should appeal to students and seasoned researchers, to scientists and to clinicians. No prior knowledge of the topic is required to appreciate this text and yet the book charters new territory. New perspectives are given on how our knowledge of cancer development might lead us to reconsider our clinical approach to early detection and prevention of cancer at an individual and population level.

What Do Science, Technology, and Innovation Mean from Africa? Clapperton Chakanetsa Mavhunga 2017-06-16 Explorations of science, technology, and innovation in Africa not as the product of "technology transfer" from elsewhere but as the working of African knowledge. In the STI literature, Africa has often been regarded as a recipient of science, technology, and innovation rather than a maker of them. In this book, scholars from a range of disciplines show that STI in Africa is not merely the product of "technology transfer" from elsewhere but the working of African knowledge. Their contributions focus on African ways of looking, meaning-making, and creating. The chapter authors see Africans as intellectual agents whose perspectives constitute authoritative knowledge and whose strategic deployment of both endogenous and inbound things represents an African-centered notion of STI. "Things do not (always) mean the same from everywhere," observes Clapperton Chakanetsa Mavhunga, the volume's editor. Western,

colonialist definitions of STI are not universalizable. The contributors discuss topics that include the trivialization of indigenous knowledge under colonialism; the creative labor of chimurenga, the transformation of everyday surroundings into military infrastructure; the role of enslaved Africans in America as innovators and synthesizers; the African ethos of "fixing"; the constitutive appropriation that makes mobile technologies African; and an African innovation strategy that builds on domestic capacities. The contributions describe an Africa that is creative, technological, and scientific, showing that African STI is the latest iteration of a long process of accumulative, multicultural knowledge production. Contributors Geri Augusto, Shadreck Chirikure, Chux Daniels, Ron Eglash, Ellen Foster, Garrick E. Louis, D. A. Masolo, Clapperton Chakanetsa Mavhunga, Neda Nazemi, Toluwalogo Odumosu, Katrien Pype, Scott Remer

Digital Integrated Circuit Design Hubert Kaeslin 2008-04-28 Top-down approach to practical, tool-independent, digital circuit design, reflecting how circuits are designed.

Cloud Computing Dan C. Marinescu 2013-05-30 Cloud Computing: Theory and Practice provides students and IT professionals with an in-depth analysis of the cloud from the ground up. Beginning with a discussion of parallel computing and architectures and distributed systems, the book turns to contemporary cloud infrastructures, how they are being deployed at leading companies such as Amazon, Google and Apple, and how they can be applied in fields such as healthcare, banking and science. The volume also examines how to successfully deploy a cloud application across the enterprise using virtualization, resource management and the right amount of networking support, including content delivery networks and storage area networks. Developers will find a complete introduction to application development provided on a variety of platforms. Learn about recent trends in cloud computing in critical areas such as: resource management, security, energy consumption, ethics, and complex systems Get a detailed hands-on set of practical recipes that help simplify the deployment of a cloud based system for practical use of computing clouds along with an in-depth discussion of several projects Understand the evolution of cloud computing and why the cloud computing paradigm has a better chance to succeed than previous efforts in large-scale distributed computing

Paralysis Resource Guide Sam Maddox 2015 The Paralysis Resource Guide, produced by the Christopher & Dana Reeve Foundation, is a reference and lifestyle tool for people affected by paralysis. The book includes details on medical and clinical subjects related to all causes of paralysis, as well as health maintenance information. The fully-illustrated book provides a detailed overview of biomedical research, assistive technology, sports and recreation activities, legal and civil rights, social security and benefits, and numerous lifestyle options.

IBM Power Systems Performance Guide: Implementing and Optimizing Dino Quintero 2013-05-01 This IBM® Redbooks® publication addresses performance tuning topics to help leverage the virtualization strengths of the POWER® platform to solve clients' system resource utilization challenges, and maximize system throughput and capacity. We examine the performance monitoring tools, utilities, documentation, and other resources available to help technical teams provide optimized business solutions and support for applications running on IBM POWER systems' virtualized environments. The book offers application performance examples deployed on IBM Power SystemsTM utilizing performance monitoring tools to leverage the comprehensive set of POWER virtualization features: Logical Partitions (LPARs), micro-partitioning, active memory sharing, workload partitions, and more. We provide a well-defined and documented performance tuning model in a POWER system virtualized environment to help you plan a foundation for scaling, capacity, and optimization . This book targets technical professionals (technical consultants, technical support staff, IT Architects, and IT Specialists) responsible for providing solutions and support on IBM POWER systems, including performance tuning.

Textbook of Pediatric Gastroenterology, Hepatology and Nutrition Stefano Guandalini 2015-09-30 This textbook provides a comprehensive and state-of-the-art overview of the major issues specific to the field of pediatric gastroenterology, hepatology, and nutrition. The first part of the book, Gastroenterology and Nutrition, presents in a systematic way the overall scope of issues encountered by children (newborn to teenagers) suffering from disorders of the gastrointestinal tract, pancreas and/or presenting nutritional issues. These chapters are structured in logical sections to facilitate consultation and include major topics ranging from congenital disorders to gastrointestinal problems of the newborn, infectious diseases of the gastrointestinal tract, and approach to nutritional problems in the various pediatric ages. The second part of the book, Hepatology, is articulated in a series of chapters which present a comprehensive review of congenital and acquired disorders of the biliary tract and liver. This section also includes a critical analysis of available diagnostic and therapeutic procedures and future perspectives. Written by experts in the field, Textbook of Pediatric Gastroenterology, Hepatology and Nutrition: A Comprehensive Guide to Practice constitutes a much needed, innovative resource combining updated, reliable and comprehensive information with agile consultation for a streamlined approach to the care of children with such disorders.

Computer Architecture Techniques for Power-efficiency Stefanos Kaxiras 2008 "In the last few years, power dissipation has become an important design constraint, on par with performance, in the design of new computer systems. Whereas in the past, the primary job of the computer architect was to translate improvements in operating frequency and transistor count into performance, now power efficiency must be taken into account at every step of the design process." "This book aims to document some of the most important architectural techniques that were invented, proposed, and applied to reduce both dynamic power and static power dissipation in processors and memory hierarchies. A significant number of techniques have been proposed for a wide range of situations and this book synthesizes those techniques by focusing on their common characteristics."--BOOK JACKET.

Targeted Therapies for Lung Cancer Ravi Salgia 2019-06-26 This book contextualizes translational research and provides an up to date progress report on therapies that are currently being targeted in lung cancer. It is now well established that there is tremendous heterogeneity among cancer cells both at the inter- and intra-tumoral level. Further, a growing body of work highlights the importance of targeted therapies and personalized medicine in treating cancer patients. In contrast to conventional therapies that are typically administered to the average patient regardless of the patient's genotype, targeted therapies are tailored to patients with specific traits. Nonetheless, such genetic changes can be disease-specific and/or target specific; thus, the book addresses these issues manifested in the somatically acquired genetic changes of the targeted gene. Each chapter is written by a leading medical oncologist who specializes in thoracic oncology and is devoted to a particular target in a specific indication. Contributors provide an in-depth review of the literature covering the mechanisms underlying signaling, potential cross talk between the target and downstream signaling, and potential emergence of drug resistance.

Hacking Alex Wagner 2020-01-27 In order to understand hackers and protect the network infrastructure you must think like a hacker in today's expansive and eclectic internet and you must understand that nothing is fully secured.This book will focus on some of the most dangerous hacker tools that are favourite of both, White Hat and Black Hat hackers.If you attempt to use any of the tools discussed in this book on a network without being authorized and you disturb or damage any systems, that would be considered illegal black hat hacking. So, I would like to encourage all readers to deploy any tool described in this book for WHITE HAT USE ONLY.The focus of this book will be to introduce some of the best well known software that you can use for free of charge, furthermore where to find them, how to access them, and finally in every chapter you will find demonstrated examples step-by-step.Your reading of this book will boost your knowledge on what is possible in today's hacking world and help you to become an Ethical Hacker.BUY THIS BOOK NOW AND GET STARTED TODAY!IN THIS BOOK YOU WILL LEARN: -Common mobile platform terminologies-Attack Vectors & Countermeasures-How to Install Android in Hyper-V-Android Architecture-Android Hardware Function Basics-Android Root Level Access-How to Root Android Devices-Android Attack Types-Securing Android Devices-IOS Architecture

Basics-IOS Hardware Security-IOS App Security-IOS Jailbreak Types-IOS Jailbreaking-Securing IOS Devices-Windows Phone Architecture-BlackBerry Architecture-Mobile Device Management-Security Recommendations-Spiceworks & Solarwinds-Malware & Spyware on IOS-Malware & Spyware on Android and much more...BUY THIS BOOK NOW AND GET STARTED TODAY!

Medical Problems During Pregnancy Carolyn Bernstein 2016-11-16 This comprehensive, case-based title takes a practical approach to treating the pregnant patient by illustrating common and less common issues that arise during pregnancy. Outlining how difficult it often is to discern normal changes from pathological changes in the pregnant patient, Medical Problems During Pregnancy addresses not only this core dilemma but also a full array of specific, challenging issues to consider when pregnant patients present with conditions like epilepsy, hypertension, cardiac arrhythmias and renal disease – disorders requiring medication despite some risks. Although standard best practices generally determine medication use, the practicality of medication at various stages of pregnancy is highly variable. Medical Problems During Pregnancy outlines key points to consider when prescribing medication and additionally offers a range of practical suggestions that can greatly improve the physician-patient interaction. A unique and invaluable addition to the literature, Medical Problems During Pregnancy will be of great interest to practicing obstetricians, primary care clinicians, family practice physicians, nurse practitioners, and other allied health professionals.

Batteries in a Portable World Isidor Buchmann 1997

A Handbook of Gene and Cell Therapy Clévio Nóbrega 2020-06-27 This is a reference handbook for young researchers exploring gene and cell therapy. Gene therapy could be defined as a set of strategies modifying gene expression or correcting mutant/defective genes through the administration of DNA (or RNA) to cells, in order to treat disease. Important advances like the discovery of RNA interference, the completion of the Human Genome project or the development of induced pluripotent stem cells (iPSc) and the basics of gene therapy are covered. This is a great book for students, teachers, biomedical researchers delving into gene/cell therapy or researchers borrowing skills from this scientific field.

Antibiotic Resistance Institute of Medicine 2011-01-10 Years of using, misusing, and overusing antibiotics and other antimicrobial drugs has led to the emergence of multidrug-resistant 'superbugs.' The IOM's Forum on Microbial Threats held a public workshop April 6-7 to discuss the nature and sources of drug-resistant pathogens, the implications for global health, and the strategies to lessen the current and future impact of these superbugs.

Chagas Disease Jaime Marcelo Altcheh 2019-09-09 Chagas disease is a potentially life threatening condition that was historically mainly endemic to Latin America. Over the last decade, however, the disease has spread to and is increasingly prevalent in other continents such as North America and Europe, with an estimated 7 million people infected worldwide. It is primarily transmitted by insect vectors that carry the parasite Trypanosoma cruzi, the disease agent. In areas where there is vector control and in non-endemic countries, it is mainly transmitted via congenital infection. Cardiac and gastrointestinal complications are common in untreated individuals. This book offers a comprehensive overview of Chagas disease, including its vectorial and congenital transmission, and molecular diagnosis, which is essential for screening, and developing and providing timely, effective anti-trypanosomal treatment. Written by experts working with infected patients on a daily basis, it discusses the pathogenesis of congenital, cardiac, gastrointestinal and oral Chagas disease, as well as its treatment and the pharmacological aspects of drug development in this area. Chapter "Chagas Disease Treatment Efficacy Biomarkers: Myths and Realities" is available open access under a via link.springer.com.

Rethinking the Market Economy J. Lambin 2014-03-14 This book explores the changing socio-economic and technological landscape of the 21 century and what it means. It adopts an industrial economic approach, whilst proposing a road map leading to the adoption of a 'societal market economy' model as an appealing and politically acceptable third-way between capitalism and socialism.