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Massimo Biondi, Massimo Pasquini, Angelo Picardi

Business Statistics David F. Groebner,2005 This comprehensive text presents descriptive and inferential statistics with an assortment of business examples and real data, and an emphasis on decision-making. The accompanying CD-ROM presents Excel and Minitab tutorials as well as data files for all the exercises and exmaples presented.

Transmission Electron Microscopy David B. Williams, C. Barry Carter, 2013-03-09 Electron microscopy has revolutionized our understanding the extraordinary intellectual demands required of the mi of materials by completing the processing-structure-prop croscopist in order to do the job properly: crystallography, erties links down to atomistic levels. It now is even possible diffraction, image contrast, inelastic scattering events, and to tailor the microstructure (and meso structure ) of materials spectroscopy. Remember, these used to be fields in them to achieve specific sets of properties; the extraordinary abili selves. Today, one has to understand the fundamentals ties of modem transmission electron microscopy-TEM of all of these areas before one can hope to tackle signifi instruments to provide almost all of the structural, phase, cant problems in materials science. TEM is a technique of and crystallographic data allow us to accomplish this feat. characterizing materials down to the atomic limits. It must Therefore, it is obvious that any curriculum in modem mate be used with care and attention, in many cases involving rials education must include suitable courses in electron mi teams of experts from different venues. The fundamentals croscopy. It is also essential that suitable texts be available are, of course, based in physics, so aspiring materials sci for the preparation of the students and researchers who must entists would be well advised to have

prior exposure to, for carry out electron microscopy properly and quantitatively.

Amazing Light Raymond Y. Chiao, 2012-12-06 This Festschrift is a collection of essavs contributed by students, colleagues, and ad mirers to honor an eminent scholar on a special anniversary: Charles Hard Townes on the occasion of his 80th birthday, July 28, 1995. In 1964, Townes shared the Nobel Prize in physics with Alexander Mikhailovich Prokhorov and Nikolai Gen nadyevich Basov for fundamental work in the field of quantum electronics, which has led to the construction of oscillators and amplifiers based on the maser-laser principle. His contributions have covered a much wider area, however. His fruitful interests spanning several decades have included many scientific subjects, includ ing, microwave spectroscopy and astrophysics (other articles in this volume will expand further on this point). He has also contributed to public service, having served as the chairman of the Science and Technology Advisory Committee for NASA's Apollo program, and as a member and vice chairman of the President's Science Advisory Committee. As the enormous breadth of contributions from his students shows, he has educated scholars who are now in a wide range of fields. The contributions from his many admirers, among whom are nine fellow Nobel laureates, attest to his impact on many disciplines ranging from electrical engi neering to medicine. His influence extends even to theology, as is indicated by one essay. The broadly international character of this Festschrift reflects his deep belief in the international, universal nature of science.

The Periodic Table: Nature's Building Blocks J. Theo Kloprogge, Concepcion P. Ponce, Tom Loomis, 2020-11-18 The Periodic Table: Nature's Building Blocks: An Introduction to the Naturally Occurring Elements, Their Origins and Their

Uses addresses how minerals and their elements are used, where the elements come from in nature, and their applications in modern society. The book is structured in a logical way using the periodic table as its outline. It begins with an introduction of the history of the periodic table and a short introduction to mineralogy. Element sections contain their history, how they were discovered, and a description of the minerals that contain the element. Sections conclude with our current use of each element. Abundant color photos of some of the most characteristic minerals containing the element accompany the discussion. Ideal for students and researchers working in inorganic chemistry, minerology and geology, this book provides the foundational knowledge needed for successful study and work in this exciting area. Describes the link between geology, minerals and chemistry to show how chemistry relies on elements from nature Emphasizes the connection between geology, mineralogy and daily life, showing how minerals contribute to the things we use and in our modern economy Contains abundant color photos of each mineral that bring the periodic table to life

<u>Achtung-Panzer!</u> Heinz Guderian,1995 This is one of the most significant military books of the twentieth century. By an outstanding soldier of independent mind, it pushed forward the evolution of land warfare and was directly responsible for German armoured supremacy in the early years of the Second World War. Published in 1937, the result of 15 years of careful study since his days on the German General Staff in the First World War, Guderian's book argued, quite clearly, how vital the proper use of tanks and supporting armoured vehicles would be in the conduct of a future war. When that war came, just two years later, he proved it, leading his Panzers with distinction in the Polish, French and Russian campaigns. Panzer warfare had come of age, exactly as he had forecast. This first English translation of Heinz Guderian's classic book - used as a textbook by Panzer officers in the war - has an introduction and extensive background notes by the modern English historian Paul Harris.

Low-Power Computer Vision George K. Thiruvathukal, Yung-Hsiang Lu, Jaeyoun Kim, Yiran Chen, Bo Chen, 2022-02-22 Energy efficiency is critical for running computer vision on battery-powered systems, such as mobile phones or UAVs (unmanned aerial vehicles, or drones). This book collects the methods that have won the annual IEEE Low-Power Computer Vision Challenges since 2015. The winners share their solutions and provide insight on how to improve the efficiency of machine learning systems.

How to Pass OSCP Series: Windows Privilege Escalation Step-By-Step Guide Alan Wang,2020-11-13 This book is the first of a series of How To Pass OSCP books and focus on techniques used in Windows Privilege Escalation. This is a step-by-step guide that walks you through the whole process of how to escalate privilege in Windows environment using many common techniques. We start by gathering as much information about the target as possible either manually or using automated scripts. Next, we search for misconfigured services or scheduled tasks, insufficient file permission on binaries or services, vulnerable kernel, vulnerable software running with high privileges, sensitive information stored on local files, credential saved in the memory, registry settings that always elevate privileges before executing a binary, hard-coded credential contained in the application configuration files, and many more. Table of Contents Introduction Section One: Windows Configuration Chapter 1: AlwaysInstallElevated Section Two: Domain Controller Chapter 2: Zerologon Section Three: Windows Service Chapter 3: Service - Insecure File Permission Chapter 4: Service - Unquoted Path Chapter 5: Service - Bin Path Chapter 6: Service - Registry Chapter 7: Service - DLL Hijacking Section Four: Scheduled Tasks Chapter 8: Scheduled Tasks Section Five: Windows Registry Chapter 9: Autorun Chapter 10: Startup Applications Section Six: Windows Kernel Chapter 11: Kernel - EternalBlue Chapter 12: Kernel - MS15-051 Chapter 13: Kernel - MS14-058 Section Seven: Potato Exploits Chapter 14: Juicy Potato Chapter 15: Rogue Potato Section Eight: Password Mining Chapter 16: Password Mining - Memory Chapter 17: Password Mining - Registry Chapter 18: Password Mining - SiteList Chapter 19: Password Mining - Unattended Chapter 20: Password Mining - Web.config Section Nine: UAC Bypass Chapter 21: User Account Control Bypass For more information, please visit http://www.howtopassoscp.com/.

P&s 2 Frb04 Mark and Gert (Manuf) Simmons, 2002-05

Heart-life in Song Frances Harrison Marr, 1883

Dimensional Psychopathology Massimo Biondi, Massimo Pasquini, Angelo Picardi,2019-02-11 This book presents an innovative approach to clinical assessment in psychiatry based on a number of psychopathological dimensions with a presumed underlying pathophysiology, that are related to fundamental phenomenological aspects and lie on a continuum from normality to pathology. It is described how the evaluation of these dimensions with a specific, validated rapid assessment instrument could easily integrate and enrich the classical diagnostic DSM-5 or ICD-10 assessment. The supplemental use of this dimensional approach can better capture the complexity underlying current categories of mental illness. The findings from a large patient sample suggest how this assessment could give a first glance at how variable and multifaceted the psychopathological components within a single diagnostic category can be, and thereby optimise diagnosis and treatment choices. Being short and easy to complete, this dimensional assessment can be done in a busy clinical setting, during an ordinary psychiatric visit, and in an acute clinical context, with limited effort by a minimally trained clinician. Therefore, it provides interesting and useful information without additional costs, and allows research work to be performed even in difficult settings.

Tropical Plant Science G. K. Berrie, A. Berrie, J. M. O. Eze, 1987

Fresh from the Farm 6pk Rigby,2006

The BAM Complex Susan Buchanan, Nicholas Noinaj, 2015-10-02 This volume is comprised of a collection of experimental protocols for common techniques and strategies used to study the biogenesis of b-barrel outer membrane proteins in Gram-negative bacteria. The BAM Complex: Methods and Protocols guides readers through methods on the function of the BAM complex, the roles played by each of the individual components, the expression and purification of the components, crystallization and structure determination of the components, and how the individual Bam components may assemble into a functional complex. Written in the highly successful Methods in Molecular Biology series format, chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and tips on troubleshooting and avoiding known pitfalls. Authoritative and cutting-edge, The BAM Complex: Methods and Protocols will serve as an invaluable reference for those interested in studying the BAM complex.

The Sixth Station Linda Stasi,2013-12-01 Some say Demiel ben Yusef is the world's most dangerous terrorist, personally responsible for bombings and riots that have claimed the lives of thousands. Others insist he is a man of

peace, a miracle worker, and possibly even the Son of God. His trial in New York City for crimes against humanity attracts scores of protestors, as well as media and religious leaders from around the world. Cynical reporter Alessandra Russo heads to the UN hoping for a piece of the action, but soon becomes entangled in controversy and suspicion when ben Yusef singles her out for attention among all other reporters. As Alessandra begins digging into ben Yusef's past, she is already in more danger than she knows-and when she is falsely accused of murder during her investigation, she is forced to flee New York. On the run from unknown enemies, Alessandra finds herself on the trail of a global conspiracy and a story that could shake the world to its foundations. Is Demiel ben Yusef the Second Coming or the Antichrist? The truth may lie in the secret history of the Holy Family, a group of Templars who defied the church, and a mysterious relic stained with the sacred blood of Christ Himself.

Project-based Inquiry Science Janet L. Kolodner, Herff Jones Education Division, National Science Foundation (U.S.), It's About Time (Firm), 2009 Eclipsing variable stars, 1973

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