We3

Exploring image and imagination in conjunction with natural environments, the animal, and the human, this collection of essays turns the ecocritical and ecocompositional gaze upon comic studies. The comic form has a long tradition of representing environmental rhetoric. Through discussions of comics including A.D.: New Orleans After the Deluge, We3, Concrete, and Black Orchid, these essays bring the rich work of ecological criticism into dialogue with the multi-faceted landscape of comics, graphic novels, web-comics, cartoons, and animation. The contributors ask not only how nature and environment are portrayed in these texts but also how these textual forms inform how we come to know nature and environment--or what we understand those terms to represent. Interdisciplinary in approach, this collection welcomes diverse approaches that integrate not only ecocriticism and comics studies, but animal studies, posthumanism, ecofeminism, queer ecology, semiotics, visual rhetoric and communication, ecoseeing, image-text studies, space and spatial theories, writing studies, media ecology, ecomedia, and other methodological approaches.

We3DC

This edited survey book consists of 20 chapters showing application of Clifford algebra in quantum mechanics, field theory, spinor calculations, projective geometry, Hypercomplex algebra, function theory and crystallography. Many examples of computations performed with a variety of readily available software programs are presented in detail.

In the European tradition, parliaments are central political institutions that play a crucial role in the development of democratic societies. No other institution regularly offers a public arena for open deliberation and dissent, for discussing opposite points of view and for reaching compromise solutions between political adversaries. However, in spite of the growing visibility of modern parliaments, the study of parliamentary language use, interaction practices and discourse strategies has long been under-researched. Based on extensive parliamentary data, this book integrates a rich variety of innovative analytical approaches that explore the far-reaching impacts of parliamentary practices and linguistic strategies on current political action and interaction. Individual chapters problematise and re-evaluate the discourse-shaped identities and roles of Members of Parliament, the structure and functions of parliamentary discourse genres, interpersonal behaviour and intertextual meaning co-construction in post-Communist parliaments. They offer broad cross-cultural perspectives on parliamentary discursive psychology and argumentation. The book provides essential reading for scholars and students of language and linguistics, rhetoric, political and social sciences, as well as for anyone interested in language and politics.

Be vigilant when driving through Africa: camels are careless when crossing the road, and women carrying waterpots are little more watchful. So warn the authors of this fifth edition of Africa Overland. They also give updated information on each country's political and security situation (Angola, Sierra Leone and Liberia are on the up; since this guide's last edition, security in Western Sudan and Eastern Chad has turned sour); provide an expanded Route Outlines section including information on border crossings; and offer revised recommendations on vehicles including practical coverage on buying a vehicle, maintenance and driving. ?This is the ultimate roadies' guide to traversing the wilderness of Africa. An indispensable guide to negotiating the unchartered perils of Africa's vast plains.' Daily Express (UK)

The rain forests of West Africa have been designated as one of the world's hotspots of biodiversity. They extend from Ghana to Senegal and are referred to as the Upper Guinean forests. Because of their isolated position, they harbour a large number of rare and endemic animal and plant species.This book focuses on the biodiversity and ecology of these forests. It analyses the factors that give rise to biodiversity and structure tropical plant communities. It also includes an atlas with ecological profiles of rare plant species and large timber species.

A powerful tale from the ALL-STAR SUPERMAN team of Grant Morrison and Frank Quitely. Morrison and Quitely deliver the emotional journey of WE3„three house pets weaponized for lethal combat by the government„as they search for -homeî and attempt to ward off the shadowy agency that created them. With nervous systems amplified to match their terrifying mechanical exoskeletons, the members of Animal Weapon 3 (WE3) have the firepower of a battalion between them. But they are just the programÍs prototypes, and now that their testing is complete, theyÍre slated to be permanently decommissioned, causing them to seize their one chance to make a desperate run for freedom. Relentlessly pursued by their makers, the ẀE3 team must navigate a frightening and confusing world where their instincts and heightened abilities make them as much a threat as those hunting them.

International Review of Cytology presents current advances and comprehensive reviews in cell biology--both plant and animal. Articles address structure and control of gene expression, nucleocytoplasmic interactions, control of cell development and differentiation, and cell transformation and growth. Authored by some of the foremost scientists in the field, each volume provides up-to-date information and directions for future research. Gene Expression during Amphibian Limb Regeneration The Extracellular Matrix Biochemistry of Volvox The Cell Biology of Basophils Membrane Receptors for Endocytosis in the Renal Proximal Tubule

Tsilhqt'n, also known as Chilcotin, is a northern Athabaskan language spoken by the people of the Chilco River (Tsilhqx) in Interior British Columbia. Until now, the literature on Tsilhqt'n contained very little description of the language. With forty-seven consonants and six vowels plus tone, the phonological system is notoriously complex. This book is the first comprehensive grammar of Tsilhqt'n. It covers all aspects of linguistic structure phonology, morphology, and syntax including negation and questions. Also included are three annotated texts. The product of decades of work by linguist Eung-Do Cook, this book makes an important contribution to the ongoing documentation of Athabaskan languages.

Regeneration, i.e. the replacement of lost body parts by new outgrowths or by remodelling existing tissues, has been studied for centuries. However, in recent years important developments took place in this field too, owing to new soph isticated techniques and to novel theoretical concepts. Advances in Molecular Genetics, Biochemistry, Cell and Neurobiology, Immunology, to mention a few of them, are the main causes of this resurgence of interest in regeneration. As a consequence, more and more meetings and pUblications are devoted, either exclusively or for a large part, to basic and applied research of regenerative processes. "Regeneration ists" scattered in laboratories allover the world and accus tomed to know each other through exchange of reprints - occa sionally an encounter in a large conference - tend now to form small groups, even societies and to institutionalize their meetings. Although the critical mass of scientists involved in regeneration research does not seem yet to be reached, for an autonomous development of this sector, regular and frequent meetings of experts appear useful, even necessary. Such a meeting was convened in Saronis, near Athens, Greece, from 19 to 23 September 1988 and sponsored by the NATO Science Committee and the University of Athens. The present volume contains the contributions to this Advanced Research Workshop on "Recent Trends in Regeneration Research". About 50 biologists from different countries, either mem bers of the Alliance or outside it (U.R.S.S., India, Egypt, Switzerland, Sweden) took part, mostly as invited speakers.

One of the most eclectic and distinctive writers currently working in comics, Grant Morrison (b. 1960) brings the auteurist sensibility of alternative comics and graphic novels to the popular

genres-superhero, science fiction, and fantasy-that dominate the American and British comics industries. His comics range from bestsellers featuring the most universally recognized superhero franchises ("All-Star Superman," "New X-Men," "Batman") to more independent, creator-owned work ("The Invisibles," "The Filth," "We3") that defies any generic classification. In "Grant Morrison: Combining the Worlds of Contemporary Comics," author Marc Singer examines how Morrison uses this fusion of styles to intervene in the major political, aesthetic, and intellectual challenges of our time. His comics blur the boundaries between fantasy and realism, mixing autobiographical representation and cultural critique with heroic adventure. They offer self-reflexive appraisals of their own genres while they experiment with the formal elements of comics. Perhaps most ambitiously, they challenge contemporary theories of language and meaning, seeking to develop new modes of expression grounded in comics' capacity for visual narrative and the fantasy genres' ability to make figurative meanings literal.

Updated with new chapters and topics, this book provides a comprehensive description of all essential topics in contemporary pharmacokinetics and pharmacodynamics. It also features interactive computer simulations for students to experiment and observe PK/PD models in action. • Presents the essentials of pharmacokinetics and pharmacodynamics in a clear and progressive manner • Helps students better appreciate important concepts and gain a greater understanding of the mechanism of action of drugs by reinforcing practical applications in both the book and the computer modules • Features interactive computer simulations, available online through a companion website at: https://web.uri.edu/pharmacy/research/rosenbaum/sims/ • Adds new chapters on physiologically based pharmacokinetic models, predicting drug-drug interactions, and pharmacogenetics while also strengthening original chapters to better prepare students for more advanced applications • Reviews of the 1st edition: "This is an ideal textbook for those starting out … and also for use as a reference book …." (International Society for the Study of Xenobiotics) and "I could recommend Rosenbaum's book for pharmacology students because it is written from a perspective of drug action . . . Overall, this is a well-written introduction to PK/PD …. " (British Toxicology Society Newsletter)

Includes book reviews and abstracts.

Main description: This is the first of three volumes on finite p-group theory. It presents the state of the art and in addition contains numerous new and easy proofs of famous theorems, many exercises (some of them with solutions), and about 1500 open problems. It is expected to be useful to certain applied mathematics areas, such as combinatorics, coding theory, and computer sciences. The book should also be easily comprehensible to students and scientists with some basic knowledge of group theory and algebra.

This book explores sustainability within manufacturing enterprises and examines the concepts and principles of this field. It also reviews the quantitative and qualitative tools available for analytic assessment. It presents a new framework for sustainable manufacturing requirements and discusses the implementation of sustainable manufacturing in terms of practices, indicators, and sustainability level assessments. The book also details the important conditions necessary for the conversion of existing traditional plants to ones with more sustainable processes. Chapters explore topics including the assessment of economic sustainability, social sustainability, environmental sustainability, sustainable manufacturing practices, and sustainability optimization. Serving as a reference for engineers, managers, and practitioners involved in manufacturing, this book will also be a valuable resource to students and researchers of industrial engineering, manufacturing engineering, systems engineering, and operations management.

They're the ultimate cyborg assassins; armed with missiles, poison gas, state-of-the-art computer technology and unbreakable exo-skeletons. The government has spent millions to fuse the firepower of a battalion with the nervous systems of a dog named Bandit, a cat named Tinker, and a rabbit named Pirate. As part of a program to replace human soldiers with expendable animals, the U.S. government has transformed three ordinary pets into the ultimate killing machines. But now, those three animals have seized the chance to make a last, desperate run for 'Home.' A run that will turn into a breathless hunt to the death against the might of the entire military/industrial complex. Prepare for adrenaline rushes and flowing tears as the world's deadliest, most misunderstood animals make a spectacular, unforgettable bid for freedom!

J. Michael Straczynski and John Romita Jr. introduce an enigmatic stranger who will forever change the way Peter Parker views himself...and the origins of his amazing alter ego! Plus, the web-slinger struggles with the most horrific tragedy ever to befall his city: the events of Sept. 11. Then, for years, Peter Parker kept his heroic double identity a guarded secret from his beloved Aunt May. Now that she's finally learned the truth, how will May react to the shocking revelation? Plus: On a trip to California, Spider-Man takes on his classic foe, Doctor Octopus! Collecting AMAZING SPIDER-MAN #30-45.

This volume is an outgrowth of the 1995 Summer School on Theoretical Physics of the Canadian Association of Physicists (CAP), held in Banff, Alberta, in the Canadian Rockies, from July 30 to August 12,1995. The chapters, based on lectures given at the School, are designed to be tutorial in nature, and many include exercises to assist the learning process. Most lecturers gave three or four fifty-minute lectures aimed at relative novices in the field. More emphasis is therefore placed on pedagogy and establishing comprehension than on erudition and superior scholarship. Of course, new and exciting results are presented in applications of Clifford algebras, but in a coherent and user-friendly way to the nonspecialist. The subject area of the volume is Clifford algebra and its applications. Through the geometric language of the Clifford-algebra approach, many concepts in physics are clarified, united, and extended in new and sometimes surprising directions. In particular, the approach eliminates the formal gaps that traditionally separate clas sical, quantum, and relativistic physics. It thereby makes the study of physics more efficient and the research more penetrating, and it suggests resolutions to a major physics problem of the twentieth century, namely how to unite quantum theory and gravity. The term "geometric algebra" was used by Clifford himself, and David Hestenes has suggested its use in order to emphasize its wide applicability, and b& cause the developments by Clifford were themselves based heavily on previous work by Grassmann, Hamilton, Rodrigues, Gauss, and others.

This book provides broad and comprehensive coverage of the entire EDA flow. EDA/VLSI practitioners and researchers in need of fluency in an "adjacent" field will find this an invaluable reference to the basic EDA concepts, principles, data structures, algorithms, and architectures for the design, verification, and test of VLSI circuits. Anyone who needs to learn the concepts, principles, data structures, algorithms, and architectures of the EDA flow will benefit from this book. Covers complete spectrum of the EDA flow, from ESL design modeling to logic/test synthesis, verification, physical design, and test - helps EDA newcomers to get "up-and-running" quickly Includes comprehensive coverage of EDA concepts, principles, data structures, algorithms, and architectures - helps all readers improve their VLSI design competence Contains latest advancements not yet available in other books, including Test compression, ESL design modeling, large-scale floorplanning, placement, routing, synthesis of clock and power/ground networks - helps readers to design/develop testable chips or products Includes industry best-practices wherever appropriate in most chapters - helps readers avoid costly mistakes

Prepare Operational Budgets is for students of the Certificate IV in Accounting and has been specifically developed to meet the requirements of the unit of competency: Prepare Operational Budgets. Content is presented in bite-sized segments to allow learners to access individual parts at their own pace, and detailed mapping to learning outcomes is provided throughout the text. A complete tool for learning and assessment for both students and instructors, the text includes an assessment tool as an appendix, which has been developed and mapped to meet all essential requirements of assessment. An end-of-chapter developing case study task provides students with practical tasks and activities that build on the concepts covered in previous chapters, enabling a scaffolded approach to the application, and holistic understanding of preparing operational budgets using a realistic case study business scenario.

Opening, middlegame and endgame are the three universally recognized stages of a game of chess, but what about the art of preparation? Winning starts with planning before the game, teaches legendary chess trainer Vladimir Tukmakov in this enlightening and entertaining work on a neglected subject. Exploring and understanding, prior to the game, the strengths and weaknesses of your next opponent and being aware of your own strong points and shortcomings, are a key to success. Tukmakov describes how planning has become a systematic process, how methodical preparation works, and which critical steps you have to take. The role of the computer in preparing for a game has grown tremendously, and Modern Chess Preparation explains how it is used by top players to get organized for success. But you will also learn the limitations on the use of chess engines and databases and how disastrous it can be to overly respect them and rely on them. A separate chapter is devoted on how to prepare for all-important games, games that will decide a tournament, a match or a even an entire career. Modern Chess Preparation is about more than just opening preparation. It also teaches you how to immerse yourself in order to find the best approach to the game. With powerful anecdotes and many instructive high-level games, Tukmakov explains how, as a competitive chess player, you can organize your homework, focus your efforts, and arrive at a viable game plan. Vladimir Tukmakov is a chess grandmaster and a former national champion of Ukraine. In his active career he won many tournaments as well as gold medals in international team competitions. He is universally acknowledged as an outstanding chess trainer and coach.

A workbook supplement to Linguistics: An Introduction to Language and Communication.

This is the third volume of a comprehensive and elementary treatment of finite p-group theory. Topics covered in this volume: (a) impact of minimal nonabelian subgroups on the structure of p-groups, (b) classification of groups all of whose nonnormal subgroups have the same order, (c) degrees of irreducible characters of p-groups associated with finite algebras, (d) groups covered by few proper subgroups, (e) p-groups of element breadth 2 and subgroup breadth 1, (f) exact number of subgroups of given order in a metacyclic p-group, (g) soft subgroups, (h) p-groups with a maximal elementary abelian subgroup of order p2, (i) p-groups generated by certain minimal nonabelian subgroups, (j) p-groups in which certain nonabelian subgroups are 2-generator. The book contains many dozens of original exercises (with difficult exercises being solved) and a list of about 900 research problems and themes.

Morrison and Quitely's emotional animal adventure concludes. Sick, wounded and hunted by soldiers and the terrifying 'We4' cyborgs, it's the end of the line for Bandit, Tinker and Pirate as their bid for freedom comes to a bitter, bloody conclusion. Who will live and who will die in the brutal, unforgettable finale?

A Linguistics Workbook is a supplement to Linguistics: An Introduction, sixth edition. It can also be used with other introductory and intermediate linguistics texts. Whereas most of the examples in the textbook are based on English, the workbook provides exercises in morphology, phonetics, phonology, syntax, and semantics, drawn from a wide variety of languages. This new edition has been updated, with exercises added.

Morrison and Quitely continue their unique 'Westernized manga.' A cyborg dog, cat and rabbit tear through everything the military turns against them, only to come face to face with a teeming wave of frenzied, cyber-enhanced rats. And in a bloody battle already filled with considerable cost, the three will make an unforgivable mistake of fatal consequence...

A topical guide to the Bible comprised of more than 2,000 verses from several popular Bible version with bold headings for quick identification, this book is an excellent source for teachers, writers, pastors, and anyone who loves the Scriptures. A topical guide to the Bible that's as easy to use as a dictionary! Are you struggling with grief? Searching for God's comforting mercy and grace? Trying to learn how to raise your children in the Lord's way? Wouldn't you like to have the most significant verses from the Bible on those topics right at your fingertips? Well, now you do! Compiled by Merry Graham and Rachel Bye, international leaders of A Passion to Pray ministry, Scriptures at Your Fingertips is a handy, quick-reference guide that immediately offers what God's Word says on more than 200 important prayer topics. And because the topics are arranged in alphabetical order, they're so easy to find. Perfect for beginning Bible students or for seasoned prayer warriors, this book is a must-have for people on the go or those who want to get more out of their prayer lives. Maximize your prayer time, and minimize your research time by having the Scriptures at your fingertips!