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Xtremus: A Bionican Quest in the Wake of Cybergeddon - Peter Wiesner

2015-04-27

Xtremus is a dystopian satire about the aftermath of a cataclysmic demise of technology that takes place in post-apocalyptic Southern California.

Eco terrorists have unleashed a computer virus killing the ruling class whose power and life force were dependent on sophisticated brain implants through which they communicated and held sway. The story follows the quest of Condor, leader

of a group of "hackers" who survived Cybergeddon because of the immunities they received, albeit without the firepower of the halcyon days of techno splendor. Condor and other "hackers" are sworn to protect The Well, the only remaining database from the high-technology past that now resides in brains of the Bionicans. Condor's mission is to determine whether The Well's secret database could be hacked by other survivors outside of Bionica to develop weapons of mass destruction and wreak havoc again. Condor's quest obliges him to deal with all three surviving clans in Southern California, each bent on imposing their unique ideology in this post-apocalyptic world: his fellow Bionicans, a drug besotted lot who communicate telepathically through

The Well; the crude and romantic Goths, who love gladiatorial combat and motorcycles, and treat bad poetry as a capital crime; and the decadent Greeks whose work to revive of the Classics from Homer to Plato is supported by slavery and guided by sexual politics. Condor's quest is transformed many times by the women he conquers and manipulated by the woman who finally conquers him. His exploits turn into a power-grabbing adventure of murder, intrigue, and betrayal. By the time he learns about the true nature of his quest, it is too late for our hero to prevail. Xtremus is a morality tale and a satire of the Information Age, as we now know it. It pokes fun at the ideological melange of the 1960's that gave rise to environmental awareness, consumerism, sexual

freedom, gay liberation, vegans, Eastern religion, mythology, New Age healing, motorcycle-based rebellion, and drug-induced alternate states of consciousness. It also takes on those whose blue-sky tunnel vision of technology is painting our future into a corner where wildlife and civil society cannot thrive."
The Bedford Reader - X. J. Kennedy
2000-02-02

Topics in Graph Theory - Frank Harary
1979
"This series of papers is the result of the Academy's scientist-in residence program honoring Professor Harary on May 2-6, 1977.

Additive Manufacturing Technologies - Ian Gibson 2014-11-26
This book covers in detail the various aspects of joining materials

to form parts. A conceptual overview of rapid prototyping and layered manufacturing is given, beginning with the fundamentals so that readers can get up to speed quickly. Unusual and emerging applications such as micro-scale manufacturing, medical applications, aerospace, and rapid manufacturing are also discussed. This book provides a comprehensive overview of rapid prototyping technologies as well as support technologies such as software systems, vacuum casting, investment casting, plating, infiltration and other systems. This book also: Reflects recent developments and trends and adheres to the ASTM, SI, and other standards Includes chapters on automotive technology, aerospace technology and low-cost AM technologies Provides a broad range

of technical questions to ensure comprehensive understanding of the concepts covered

RF Engineering for Wireless Networks

- Daniel M. Dobkin 2011-03-31

Finally, here is a single volume containing all of the engineering information needed to successfully design and implement any type of wireless network! Author Dan Dobkin covers every aspect of RF engineering necessary for wireless networks. He begins with a review of essential math and electromagnetic theory followed by thorough discussions of multiplexing, modulation types, bandwidth, link budgets, network concepts, radio system architectures, RF amplifiers, mixers and frequency conversion, filters, single-chip radio systems, antenna theory and designs, signal propagation, as well

as planning and implementing wireless networks for both indoor and outdoor environments. The appendices contain such vital data as U.S., European, and Japanese technical and regulatory standards for wireless networks, measurements in wireless networks, reflection and matching of transmission lines, determining power density, and much more. No matter what type of wireless network you design—Bluetooth, UWB, or even metropolitan area network (MAN)—this book is the one reference you can't do without! The A-to-Z guide to wireless network engineering—covers everything from basic electromagnetic theory to modulation techniques to network planning and implementation! Engineering and design principles covered are applicable to any type of wireless network, including 802.11,

802.16, 802.20, and Bluetooth. Discusses state-of-the-art modulation techniques such as ultra wideband (UWB) and orthogonal frequency-division multiplexing (OFDM).

Dependency Parsing - Sandra Kubler
2022-05-31

Dependency-based methods for syntactic parsing have become increasingly popular in natural language processing in recent years. This book gives a thorough introduction to the methods that are most widely used today. After an introduction to dependency grammar and dependency parsing, followed by a formal characterization of the dependency parsing problem, the book surveys the three major classes of parsing models that are in current use: transition-based, graph-based, and grammar-based models. It

continues with a chapter on evaluation and one on the comparison of different methods, and it closes with a few words on current trends and future prospects of dependency parsing. The book presupposes a knowledge of basic concepts in linguistics and computer science, as well as some knowledge of parsing methods for constituency-based representations. Table of Contents: Introduction / Dependency Parsing / Transition-Based Parsing / Graph-Based Parsing / Grammar-Based Parsing / Evaluation / Comparison / Final Thoughts

Arabic-English-Arabic Legal Translation - Hanem El-Farahaty
2015-05-12

Arabic-English-Arabic Legal Translation provides a groundbreaking investigation of the issues found in

legal translation between Arabic and English. Drawing on a contrastive-comparative approach, it analyses parallel authentic legal documents in both Arabic and English to examine the features of legal discourse in both languages and uncover the different translation techniques used. In so doing, it addresses the following questions: What are the features of English and Arabic legal texts? What are the similarities and differences of English and Arabic legal texts? What are the difficult areas of legal translation between English and Arabic legal texts? What are the techniques for translating these difficult areas on the lexical and syntactic levels? Features include: A thorough description of the features of legal translation in both English and Arabic, drawing on

empirical new research, corpus data analysis and strategic two-way comparisons between source texts and target texts Coverage of a broad range of topics including an outline of the chosen framework for data analysis, a historical survey of legal discourse developments in both Arabic and English and detailed analyses of legal literature at both the lexical and syntactic levels Attention to common areas of difficulty such as Shariah Law terms, archaic terms and modal auxiliaries Many examples and excerpts from a wide selection of authentic legal documents, reinforced by practical discussion points, exercises and practice drills to encourage active engagement with the material and opportunities for hands-on learning. Wide-ranging, scholarly and thought-

provoking, this will be a valuable resource for advanced undergraduates and postgraduates on Arabic, Translation Studies and Comparative Linguistics courses. It will also be essential reading for translation professionals and researchers working in the field.

Polyextremophiles - Joseph Seckbach
2013-05-13

Many Microorganisms and some macro-organisms can live under extreme conditions. For example, high and low temperature, acidic and alkaline conditions, high salt areas, high pressure, toxic compounds, high level of ionizing radiation, anoxia and absence of light, etc. Many organisms inhabit environments characterized by more than one form of stress (Polyextremophiles). Among them are those who live in hypersaline and

alkaline, hot and acidic, cold/hot and high hydrostatic pressure, etc. Polyextremophiles found in desert regions have to cope with intense UV irradiation and desiccation, high as well as low temperatures, and low availability of water and nutrients. This book provides novel results of application to polyextremophiles research ranging from nanotechnology to synthetic biology to the origin of life and beyond.

Cambridge Checkpoint Science

Coursebook 7 - Mary Jones 2012-03-29

Written by well-respected authors, the Cambridge Checkpoint Science suite provides a comprehensive, structured resource which covers the full Cambridge Secondary 1 framework and seamlessly progresses into the next stage. This engaging course supports teaching of the Science

framework both theoretically and practically, with full coverage of the Scientific Enquiry framework integrated throughout the series. This Coursebook for Stage 7 gives a thorough introduction to the concepts, and offers a wealth of ideas for hands-on activities to make the subject matter come to life.

Past and Present of Tippecanoe County, Indiana - Richard Patten DeHart 1909

Experiments in Plant-hybridisation - Gregor Mendel 1925

Cosmetic Formulation - Heather A.E. Benson 2019-04-05

Cosmetics are the most widely applied products to the skin and include creams, lotions, gels and sprays. Their formulation, design and

manufacturing ranges from large cosmetic houses to small private companies. This book covers the current science in the formulations of cosmetics applied to the skin. It includes basic formulation, skin science, advanced formulation, and cosmetic product development, including both descriptive and mechanistic content with an emphasis on practical aspects. Key Features: Covers cosmetic products/formulation from theory to practice Includes case studies to illustrate real-life formulation development and problem solving Offers a practical, user-friendly approach, relying on the work of recognized experts in the field Provides insights into the future directions in cosmetic product development Presents basic formulation, skin science, advanced

formulation and cosmetic product development

Neural Machine Translation - Philipp Koehn 2020-06-18

Learn how to build machine translation systems with deep learning from the ground up, from basic concepts to cutting-edge research.

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

Physical geography in diagrams - R. B. Bunnett 1978

GCE O Level Examination Past Papers with Answer Guides: Maths India Edition - Cambridge International Examinations 2004-03-03

These collections of the official past papers of the GCE O Level Examinations from the University of Cambridge International Examinations has been developed for students of GCE O level. These books will act as tools for preparation and revision for students. These books have an edited Answer Guide for each paper based on the marks scheme written by CIE Principal

Book-keeping and Accounts - Frank Wood 2018-01-01

Now going into its 9th edition, the

successful textbook Book-keeping and Accounts is a vital guide for students undertaking studies of book-keeping and accounting for the first time. Through its gradual introduction of topics, explanation of technical terminology in a clear, easy to understand way, this text provides an accessible and reliable guide for any student in their undergraduate career. New to this edition:

- Fully compliant with International Financial Reporting Standards (IFRS), with current IFRS terminology.
- Questions and exercises to test your understanding and help with revision.
- Selected chapters amended and re-structured.
- Full explanation of HMRC changes in VAT relating to cash discounts.
- Illustrations and diagrams to help explain key concepts.
- Updated

'learning objectives' and 'chapter summaries', to reflect developments in the financial environment

- Easy to understand to double entry book-keeping using the 'IN' and 'OUT' approach. With its highly regarded authorship this text is used by lecturers for teaching students undertaking the following qualifications and examinations; Association of Accounting Technicians (AAT), International Association of Book-keepers (IAB), A Level Accounting, Oxford Cambridge and Royal Society of Arts (OCR), and as a general foundation text for personnel employed in the accountancy profession. Accompanying the text is a collection of resources to support both lecturers and students which can be found at www.pearsoned.co.uk/wood
- For instructors : Solution's

manual, and Powerpoint slides - For students : Opportunities to practise and additional support with our companion website

Presidents, Parliaments, and Policy - Professor in the Graduate School of International Relations and Pacific Studies Stephan Haggard 2001-01-15

Advocates of parliamentary rule have been highly critical of presidentialism for dividing powers and providing the opportunity for gridlock between branches. Fixed executive terms can saddle publics with ineffectual leaders who are not easily removed. Yet the great theorists of presidential rule, beginning with the Federalists, saw very different qualities in the same institutions: a desirable combination of strong leadership with checks on executive discretion. These diverse

assessments arise because we have surprisingly little comparative work on how presidential democracies function. The introductory essays in this volume lay the theoretical groundwork for such comparative analysis. Drawing on detailed cases of economic policymaking in Asia, Latin America, and Central Europe, this book shows the diversity of presidential systems and isolates the effects of presidentialism from other factors that influence public policy, such as party systems. In doing so, it casts doubt on the critics of presidential rule and underscores the continuing vitality of this particular form of democratic rule.

Ship to Ship Transfer Guide for Petroleum, Chemicals and Liquefied Gases - 2013

General principles. Conditions and

requirements. Communications general communications, language, pre arrival communications.

WHO Guidelines for Indoor Air Quality - 2010

This book presents WHO guidelines for the protection of public health from risks due to a number of chemicals commonly present in indoor air. The substances considered in this review, i.e. benzene, carbon monoxide, formaldehyde, naphthalene, nitrogen dioxide, polycyclic aromatic hydrocarbons (especially benzo[a]pyrene), radon, trichloroethylene and tetrachloroethylene, have indoor sources, are known in respect of their hazardousness to health and are often found indoors in concentrations of health concern. The guidelines are targeted at public health

professionals involved in preventing health risks of environmental exposures, as well as specialists and authorities involved in the design and use of buildings, indoor materials and products. They provide a scientific basis for legally enforceable standards.

Biology Student Book - 2012-09-01
Collins International GCSE Biology provides complete coverage of the new Edexcel International GCSE specification for Biology and is packed full of questions, in depth content, practical investigative skills features and more.

Quantile Regression - Roger Koenker
2005-05-05

Quantile regression is gradually emerging as a unified statistical methodology for estimating models of conditional quantile functions. By

complementing the exclusive focus of classical least squares regression on the conditional mean, quantile regression offers a systematic strategy for examining how covariates influence the location, scale and shape of the entire response distribution. This monograph is the first comprehensive treatment of the subject, encompassing models that are linear and nonlinear, parametric and nonparametric. The author has devoted more than 25 years of research to this topic. The methods in the analysis are illustrated with a variety of applications from economics, biology, ecology and finance. The treatment will find its core audiences in econometrics, statistics, and applied mathematics in addition to the disciplines cited above.

A-level Physics - Roger Muncaster
1989-01-01

My Revision Notes: AQA A Level Maths (Pure) - Sophie Goldie 2018-12-31
Exam board: AQA Level: A-level
Subject: Mathematics First teaching: September 2017 First exams: Summer 2019 Target success in AQA A Level Mathematics with this proven formula for effective, structured revision; key content coverage and plentiful worked examples are combined with exam-style and multiple choice questions to create a revision guide that students can rely on to review, strengthen and test their knowledge.
- Help develop the key skills needed for success with skills-focused questions around problem-solving, proof, modelling and the use of ICT (spreadsheets, graphing software and

graphing calculators). - Strategically target revision with diagnostic questions to establish which areas need focus. - Get assessment-ready with exam-style questions and advice on common examination pitfalls. - Embed knowledge and identify weaknesses with hundreds of multiple choice 'Test Yourself' questions, all carefully written to elicit misconceptions; full worked solutions online offer detailed, instructive explanations for all choices (whether they are correct or incorrect) - Consolidate revision with summaries for each topic that focus on what to concentrate on in the build-up to exams, with special focus on common pitfalls such as how to show correct workings. - Access answers at the back of the book, with detailed step-by-

step worked solutions for ALL questions available for free online. Includes all Year 1 and Year 2 A-level Maths content.

Ecology of the Planted Aquarium - Diana L. Walstad 2003

Scaling Up Machine Learning - Ron Bekkerman 2012

This integrated collection covers a range of parallelization platforms, concurrent programming frameworks and machine learning settings, with case studies.

POGIL Activities for AP Biology - 2012-10

Complete Physics for Cambridge Secondary 1 Student Book - Helen Reynolds 2013-08-22

Making the leap to Cambridge IGCSE can be a challenge - this brand new

course leads learners smoothly through all three stages of Cambridge Secondary 1 Physics up to Cambridge Checkpoint and beyond, with crucial rigour built in from the outset so they can dive into Cambridge IGCSE Science study with confidence.

International Conference on Communication, Computing & Systems - Satvir Singh 2014

Handbook of Research on Digital Violence and Discrimination Studies -

Özsongur, Fahri 2022-04-08

Digital violence continues to increase, especially during times of crisis. Racism, bullying, ageism, sexism, child pornography, cybercrime, and digital tracking raise critical social and digital security issues that have lasting effects. Digital violence can cause

children to be dragged into crime, create social isolation for the elderly, generate inter-communal conflicts, and increase cyber warfare. A closer study of digital violence and its effects is necessary to develop lasting solutions. The Handbook of Research on Digital Violence and Discrimination Studies introduces the current best practices, laboratory methods, policies, and protocols surrounding international digital violence and discrimination. Covering a range of topics such as abuse and harassment, this major reference work is ideal for researchers, academicians, policymakers, practitioners, professionals, instructors, and students.

Unit Operations - Ian Bogost
2008-01-25

In *Unit Operations*, Ian Bogost argues that similar principles underlie both literary theory and computation, proposing a literary-technical theory that can be used to analyze particular videogames. Moreover, this approach can be applied beyond videogames: Bogost suggests that any medium—from videogames to poetry, literature, cinema, or art—can be read as a configurative system of discrete, interlocking units of meaning, and he illustrates this method of analysis with examples from all these fields. The marriage of literary theory and information technology, he argues, will help humanists take technology more seriously and help technologists better understand software and videogames as cultural artifacts. This approach is especially useful

for the comparative analysis of digital and nondigital artifacts and allows scholars from other fields who are interested in studying videogames to avoid the esoteric isolation of "game studies." The richness of Bogost's comparative approach can be seen in his discussions of works by such philosophers and theorists as Plato, Badiou, Zizek, and McLuhan, and in his analysis of numerous videogames including Pong, Half-Life, and Star Wars Galaxies. Bogost draws on object technology and complex adaptive systems theory for his method of unit analysis, underscoring the configurative aspects of a wide variety of human processes. His extended analysis of freedom in large virtual spaces examines Grand Theft Auto 3, The Legend of Zelda, Flaubert's *Madame Bovary*, and Joyce's

Ulysses. In Unit Operations, Bogost not only offers a new methodology for videogame criticism but argues for the possibility of real collaboration between the humanities and information technology.

Popular Science - 2005-09

Popular Science gives our readers the information and tools to improve their technology and their world. The core belief that Popular Science and our readers share: The future is going to be better, and science and technology are the driving forces that will help make it better.

Cambridge Checkpoint Science Workbook 8 - Mary Jones 2012-09-13

Written by well-respected authors, the Cambridge Checkpoint Science suite provides a comprehensive, structured resource which covers the full Cambridge Secondary 1 framework

and seamlessly progresses into the next stage. This engaging course supports teaching of the Science framework both theoretically and practically, with full coverage of the Scientific Enquiry framework integrated throughout the series. This Workbook for Stage 8 contains exercises that develop students' ability to apply their knowledge, as well as Scientific Enquiry skills relating to planning experiments and recording results.

Networks, Topology and Dynamics - Ahmad K. Naimzada 2008-11-14

There is convergent consensus among scientists that many social, economic and financial phenomena can be described by a network of agents and their interactions. Surprisingly, even though the application fields are quite different, those networks often

show a common behaviour. Thus, their topological properties can give useful insights on how the network is structured, which are the most "important" nodes/agents, how the network reacts to new arrivals. Moreover the network, once included into a dynamic context, helps to model many phenomena. Among the topics in which topology and dynamics are the essential tools, we will focus on the diffusion of technologies and fads, the rise of industrial districts, the evolution of financial markets, cooperation and competition, information flows, centrality and prestige. The volume, including recent contributions to the field of network modelling, is based on the communications presented at NET 2006 (Verbania, Italy) and NET 2007 (Urbino, Italy); offers a wide

range of recent advances, both theoretical and methodological, that will interest academics as well as practitioners. Theory and applications are nicely integrated: theoretical papers deal with graph theory, game theory, coalitions, dynamics, consumer behavior, segregation models and new contributions to the above mentioned area. The applications cover a wide range: airline transportation, financial markets, work team organization, labour and credit market.

Media Ecologies - David Gee Reader in Digital Media Matthew Fuller 2005
A "dirty materialist" ride through the media cultures of pirate radio, photography, the Internet, media art, cultural evolution, and surveillance.
Cambridge IGCSE® Physics Coursebook

with CD-ROM - David Sang 2014-07-31
This edition of our successful series to support the Cambridge IGCSE Physics syllabus (0625) is fully updated for the revised syllabus for first examination from 2016. Written by highly experienced author and teacher, Cambridge IGCSE Physics Coursebook with CD-ROM gives comprehensive and accessible coverage of the syllabus content. Suggestions for practical activities are included, designed to help develop the required experimental skills, with full guidance included on the CD-ROM. Study tips throughout the text, exam-style questions at the end of each chapter and a host of revision and practice material on the CD-ROM are designed to help students prepare for their examinations. Answers to the exam-style questions

in the Coursebook are provided on the CD-ROM.

Spoken Language Understanding -

Gokhan Tur 2011-05-03

Spoken language understanding (SLU) is an emerging field in between speech and language processing, investigating human/ machine and human/ human communication by leveraging technologies from signal processing, pattern recognition, machine learning and artificial intelligence. SLU systems are designed to extract the meaning from speech utterances and its applications are vast, from voice search in mobile devices to meeting summarization, attracting interest from both commercial and academic sectors. Both human/machine and human/human communications can benefit from the application of SLU,

using differing tasks and approaches to better understand and utilize such communications. This book covers the state-of-the-art approaches for the most popular SLU tasks with chapters written by well-known researchers in the respective fields. Key features include: Presents a fully integrated view of the two distinct disciplines of speech processing and language processing for SLU tasks. Defines what is possible today for SLU as an enabling technology for enterprise (e.g., customer care centers or company meetings), and consumer (e.g., entertainment, mobile, car, robot, or smart environments) applications and outlines the key research areas. Provides a unique source of distilled information on methods for computer modeling of semantic information in human/machine

and human/human conversations. This book can be successfully used for graduate courses in electronics engineering, computer science or computational linguistics. Moreover, technologists interested in processing spoken communications will find it a useful source of collated information of the topic drawn from the two distinct disciplines of speech processing and language processing under the new area of SLU.

Additive Manufacturing Technologies - Ian Gibson 2020-11-10

This textbook covers in detail digitally-driven methods for adding materials together to form parts. A conceptual overview of additive manufacturing is given, beginning with the fundamentals so that readers can get up to speed quickly. Well-established and emerging applications

such as rapid prototyping, micro-scale manufacturing, medical applications, aerospace manufacturing, rapid tooling and direct digital manufacturing are also discussed. This book provides a comprehensive overview of additive manufacturing technologies as well as relevant supporting technologies such as software systems, vacuum casting, investment casting, plating, infiltration and other systems. Reflects recent developments and trends and adheres to the ASTM, SI and other standards; Includes chapters on topics that span the entire AM value chain, including process selection, software, post-processing, industrial drivers for AM, and more; Provides a broad range of technical questions to ensure comprehensive understanding of the

concepts covered.

Environmental Management for Cambridge O Level and IGCSE Student Book - John Pallister 2017-07-06

Prepare your students for success and provide a well-rounded learning experience. This resource emphasizes critical and analytical thinking skills, increasing students' ability to reason from an international perspective. Matched to the latest Cambridge syllabus, this text prepares students for exams and beyond.

Introducing Windows Server 2012 - Mitch Tulloch 2012

Get a head start evaluating Window Server 2012—with technical insights from a Microsoft MVP who's worked extensively with the beta release. This practical introduction illuminates new features and

capabilities, with scenarios demonstrating how the platform can meet the needs of your business. Based on beta software, this book provides the early, high-level information you need to begin preparing now for deployment and

management. Topics include:
Virtualization and cloud solutions
Availability Provisioning and storage management
Security and scalability
Infrastructure options
Server administration