

Curso Intermedio De Probabilidad Dynamics Unam

Global economic prospects have improved again, but the bumpy recovery and skewed macroeconomic policy mix in advanced economies are complicating policymaking in emerging market economies. Chapter 3 examines the prospects for inflation, particularly because inflation was remarkably stable in the wake of the Great Recession and, in fact, has become less responsive to cyclical conditions. Chapter 4 examines whether today's fast-growing, dynamic low-income countries are likely to maintain their momentum and avoid the reversals that afflicted many such countries in the past.

United States History & Geography explores the history of our nation and brings the past to life for today's high school students. The program's robust, interactive rigor includes a strong emphasis on biographies and primary sources, document-based questions, critical thinking and building historical understanding, as well as developing close reading skills. ISBN Copy Trusted, renowned authorship presents the history of the United States in a streamlined print Student Edition built around Essential Questions developed using the Understanding by Design® instructional approach. Includes Print Student Edition

Python para Todos está diseñado para introducir a los estudiantes en la programación y el desarrollo de software a través de un enfoque en la exploración de datos. Puedes pensar en Python como una herramienta para resolver problemas que están más allá de las capacidades de una simple hoja de cálculo. Python es un lenguaje de programación fácil de usar y sencillo de aprender, disponible de forma gratuita para equipos Macintosh, Windows, o Linux. Una vez que aprendes Python, puedes utilizarlo el resto de tu carrera sin necesidad de comprar ningún software. Existen copias electrónicas gratuitas de este libro en varios formatos, así como material de soporte para el libro, que puedes encontrar en es.py4e.com. Los materiales del curso están disponibles bajo una Licencia Creative Commons, de modo que puedes adaptarlos para enseñar tu propio curso de Python.

Artificial Intelligence: A Modern Approach offers the most comprehensive, up-to-date introduction to the theory and practice of artificial intelligence. Number one in its field, this textbook is ideal for one or two-semester, undergraduate or graduate-level courses in Artificial Intelligence.

Python Para Todos

The Migration Conference 2019 - Book of Abstracts and Programme

Dynamics of Global Publishing and the Latin American Case between the Archive and the Digital Age

Steps to an Ecology of Mind

More Nuts and Bolts for the Social Sciences

Introduction to Modeling and Simulation of Technical and Physical Systems with Modelica
Corporate Finance

REDD+ must be transformational. REDD+ requires broad institutional and governance reforms, such as tenure, decentralisation, and corruption control. These reforms will enable departures from business as usual, and involve communities and forest users in making and implementing policies that affect them. Policies must go beyond forestry. REDD+ strategies must include policies outside the forestry sector narrowly defined, such as agriculture and energy, and better coordinate across sectors to deal with non-forest drivers of deforestation and degradation. Performance-based payments are key, yet limited. Payments based on performance directly incentivise and compensate forest owners and users. But schemes such as payments for environmental services (PES) depend on conditions, such as secure tenure, solid carbon data and transparent governance, that are often lacking and take time to change. This constraint reinforces the need for broad institutional and policy reforms. We must learn from the past. Many approaches to REDD+ now being considered are similar to previous efforts to conserve and better manage forests, often with limited success. Taking on board

lessons learned from past experience will improve the prospects of REDD+ effectiveness. National circumstances and uncertainty must be factored in. Different country contexts will create a variety of REDD+ models with different institutional and policy mixes. Uncertainties about the shape of the future global REDD+ system, national readiness and political consensus require flexibility and a phased approach to REDD+ implementation.

In this new edition of his critically acclaimed book, Jon Elster examines the nature of social behavior, proposing choice as the central concept of the social sciences. Extensively revised throughout, the book offers an overview of key explanatory mechanisms, drawing on many case studies and experiments to explore the nature of explanation in the social sciences; an analysis of the mental states - beliefs, desires, and emotions - that are precursors to action; a systematic comparison of rational-choice models of behavior with alternative accounts, and a review of mechanisms of social interaction ranging from strategic behavior to collective decision making. A wholly new chapter includes an exploration of classical moralists and Proust in charting mental mechanisms operating 'behind the back' of the agent, and a new conclusion points to the pitfalls and fallacies in current ways of doing social science, proposing guidelines for more modest and more robust procedures.

On October 14-19, 1990, the 6th International Conference on the Conservation of Earthen Architecture was held in Las Cruces, New Mexico. Sponsored by the GCI, the Museum of New Mexico State Monuments, ICCROM, CRATERre-EAG, and the National Park Service, under the aegis of US/ICOMOS, the event was organized to promote the exchange of ideas, techniques, and research findings on the conservation of earthen architecture. Presentations at the conference covered a diversity of subjects, including the historic traditions of earthen architecture, conservation and restoration, site preservation, studies in consolidation and seismic mitigation, and examinations of moisture problems, clay chemistry, and microstructures. In discussions that focused on the future, the application of modern technologies and materials to site conservation was urged, as was using scientific knowledge of existing structures in the creation of new, low-cost, earthen architecture housing.

Limnologists from many different countries have contributed to this volume which offers the current knowledge, present objectives and future perspectives of the most important issues in modern Limnology. The book stresses in particular the role of inland waters as a link between the continental, or terrestrial, and the oceanic parts of the biosphere; it will be of great value to all limnologists, ecologists and environmental scientists.

The RISC-V Reader

Radical Constructivism in Mathematics Education

World Economic Outlook, April 2013

Technology, Sustainability and Educational Innovation (TSIE)

A Modern Approach

Mastering Shiny

Sales Force Management

Since its initial publication in 1990, this book has become a key work of contemporary feminist theory, and an essential work for anyone interested in the study of gender, queer theory, or the politics of sexuality in culture. This is the text where the author began to advance the ideas that would go on to take life as "performativity theory," as well as some of the first articulations of the possibility for subversive gender practices. Overall, this book offers a powerful critique of heteronormativity and of the function of gender in the modern world.

This edition of the World Bank has been revised and expanded by the Terminology Unit in the Languages Services Division of the World Bank in collaboration with the English, Spanish, and French Translation Sections. The Glossary is intended to assist the Bank's translators and interpreters, other Bank staff using French and Spanish in their

work, and free-lance translator's and interpreters employed by the Bank. For this reason, the Glossary contains not only financial and economic terminology and terms relating to the Bank's procedures and practices, but also terms that frequently occur in Bank documents, and others for which the Bank has a preferred equivalent. Although many of these terms, relating to such fields as agriculture, education, energy, housing, law, technology, and transportation, could be found in other sources, they have been assembled here for ease of reference. A list of acronyms occurring frequently in Bank texts (the terms to which they refer being found in the Glossary) and a list of international, regional, and national organizations will be found at the end of the Glossary.

Probability and Statistics for Engineering and the Sciences + Enhanced Webassign
Accessbookdown
Authoring Books and Technical Documents with R Markdown
CRC Press

bookdown: Authoring Books and Technical Documents with R Markdown presents a much easier way to write books and technical publications than traditional tools such as LaTeX and Word. The bookdown package inherits the simplicity of syntax and flexibility for data analysis from R Markdown, and extends R Markdown for technical writing, so that you can make better use of document elements such as figures, tables, equations, theorems, citations, and references. Similar to LaTeX, you can number and cross-reference these elements with bookdown. Your document can even include live examples so readers can interact with them while reading the book. The book can be rendered to multiple output formats, including LaTeX/PDF, HTML, EPUB, and Word, thus making it easy to put your documents online. The style and theme of these output formats can be customized. We used books and R primarily for examples in this book, but bookdown is not only for books or R. Most features introduced in this book also apply to other types of publications: journal papers, reports, dissertations, course handouts, study notes, and even novels. You do not have to use R, either. Other choices of computing languages include Python, C, C++, SQL, Bash, Stan, JavaScript, and so on, although R is best supported. You can also leave out computing, for example, to write a fiction. This book itself is an example of publishing with bookdown and R Markdown, and its source is fully available on GitHub.

An Open Architecture Atlas

A Theory

A Modern Introduction to Programming

The Complete Elliott Wave Writings of A. Hamilton Bolton

The Future in Perspective

bookdown

Leadership, Innovation, Technology

Principles of Corporate Finance is the worldwide leading text that describes the theory and practice of corporate finance. Throughout the book, the authors show how managers use financial theory to solve practical problems and as a way to respond to change by showing not just how, but why companies and management act as they do. This text is a valued reference for thousands of practicing financial managers. The Tenth Edition has been rewritten, refreshed, and fully updated to reflect the recent financial crisis and is now accompanied by Connect Finance, an exciting new homework management system.

Organized by nutrient, this evidence-based reference synthesizes all of the most current research on vitamins and minerals in an easy-to-use format. Each chapter addresses the function the nutrient plays in

the human body; current definitions of deficiency, including Recommended Dietary Allowance (RDA) or Adequate Intake (AI) recommendations; the use of the nutrient for prevention or treatment of a disease, if known; dietary and other sources of the nutrient, including food and supplement sources (breaking down the different supplement forms); safety precautions for overdosing and drug interactions; and the Linus Pauling Institute's current recommendation for health maintenance. Each chapter has been reviewed by an expert in the area, all of whom are noted in the Editorial Advisory Board. This work is endorsed by the Linus Pauling Institute of Oregon State University. Four appendices add to the clinical usefulness of this work: a quick reference to disease prevention and treatment recommendations made throughout the text, nutrient - nutrient interactions, drug - nutrient interactions, and a glossary.

All of Bolton's annual Elliott Wave Supplements for the Bank Credit Analyst, personal letters and articles, Bolton's book on Elliott Wave, and a Bolton biography by Frost.

This book contains recent advances about CD and NCGS written in eight chapters and is divided in three sections. In the first section, the main hallmarks of both diseases are described, together with the current diagnostic criteria of CD and its influence on the response to the vaccination against hepatitis B virus infection. The second section is dedicated to the description of several techniques for gluten determination in foods and if its consumption is good for nonceliac people. Finally, the third section contains complementary information related to the description and application of novel endoscopic techniques for confirming the diagnosis of CD. Another topic describes the growing consumption of gluten-free products and the adherence to this type of diet.

Probability and Statistics for Engineering and the Sciences + Enhanced Webassign Access

United States History and Geography, Student Edition

Health Implications and Intake Recommendations

An Evidence-based Approach to Vitamins and Minerals

Present Knowledge in Nutrition

Authoring Books and Technical Documents with R Markdown

Present Knowledge in Nutrition, 10th Edition provides comprehensive coverage of all aspects of human nutrition, including micronutrients, systems biology, immunity, public health, international nutrition, and diet and disease prevention. This definitive reference captures the current state of this vital and dynamic science from an international perspective, featuring nearly 140 expert authors from 14 countries around the world. Now condensed to a single volume, this 10th edition contains new chapters on topics such as epigenetics, metabolomics, and sports nutrition. The remaining chapters have been thoroughly updated to reflect recent developments. Suggested reading lists are now provided for readers wishing to delve further into specific subject areas. An accompanying website provides book owners with access to an image bank of tables and figures as well as any updates the authors may post to their chapters between editions. Now available in both print and electronic formats, the 10th edition will serve as a valuable reference for researchers, health professionals, and policy experts as well as educators and advanced nutrition students.

Completely revised and updated, this best-selling introduction to programming in JavaScript focuses on writing real applications. JavaScript lies at the heart of almost every modern web application, from social apps like Twitter to browser-based game frameworks like Phaser and Babylon. Though simple for beginners to pick up and play with, JavaScript is a flexible, complex language that you can

use to build full-scale applications. This much anticipated and thoroughly revised third edition of Eloquent JavaScript dives deep into the JavaScript language to show you how to write beautiful, effective code. It has been updated to reflect the current state of JavaScript and web browsers and includes brand-new material on features like class notation, arrow functions, iterators, async functions, template strings, and block scope. A host of new exercises have also been added to test your skills and keep you on track. As with previous editions, Haverbeke continues to teach through extensive examples and immerses you in code from the start, while exercises and full-chapter projects give you hands-on experience with writing your own programs. You start by learning the basic structure of the JavaScript language as well as control structures, functions, and data structures to help you write basic programs. Then you'll learn about error handling and bug fixing, modularity, and asynchronous programming before moving on to web browsers and how JavaScript is used to program them. As you build projects such as an artificial life simulation, a simple programming language, and a paint program, you'll learn how to:

- Understand the essential elements of programming, including syntax, control, and data
- Organize and clarify your code with object-oriented and functional programming techniques
- Script the browser and make basic web applications
- Use the DOM effectively to interact with browsers
- Harness Node.js to build servers and utilities

Isn't it time you became fluent in the language of the Web? * All source code is available online in an interactive sandbox, where you can edit the code, run it, and see its output instantly.

This popular text gives students a comprehensive and readable introduction to contemporary issues in learning and behaviour, while providing balanced coverage of classical and instrumental conditioning.

This book presents the proceedings of International Conference on Knowledge Society: Technology, Sustainability and Educational Innovation (TSIE 2019). The conference, which was held at UTN in Ibarra, Ecuador, on 3–5 July 2019, allowed participants and speakers to share their research and findings on emerging and innovative global issues. The conference was organized in collaboration with a number of research groups: Group for the Scientific Research Network (e-CIER); Research Group in Educational Innovation and Technology, University of Salamanca, Spain (GITE-USAL); International Research Group for Heritage and Sustainability (GIIPS), and the Social Science Research Group (GICS). In addition, it had the endorsement of the RedCLARA, e-science, Fidal Foundation, Red CEDIA, IEEE, Microsoft, Business IT, Adobe, and Argo Systems. The term “ knowledge society ” can be understood as the management, understanding and co-creation of knowledge oriented toward the sustainable development and positive transformation of society. In this context and on the occasion of the XXXIII anniversary of the Universidad Técnica del Norte (UTN), the Postgraduate Institute through its Master of Technology and Educational Innovation held the I International Congress on Knowledge Society:

Technology, Sustainability and Educational Innovation – TSIE 2019, which brought together educators, researchers, academics, students, managers, and professionals, from both the public and private sectors to share knowledge and technological developments. The book covers the following topics: 1. curriculum, technology and educational innovation; 2. media and education; 3. applied computing; 4. educational robotics. 5. technology, culture, heritage, and tourism development perspectives; and 6. biodiversity and sustainability.

The Practice of Adaptive Leadership

Medicina de urgencias y emergencias

Bullshit Jobs

water and climate change

The United Nations world water development report 2020

Agro-industries for Development

Adobe 90 Preprints

We're pleased to welcome you to the Department of Political Science at the University of Bari "Aldo Moro" for the 7th Migration Conference. The conference is the largest scholarly gathering on migration with a global scope. Human mobility, economics, work, employment, integration, insecurity, diversity and minorities, as well as spatial patterns, culture, arts and legal and political aspects appear to be key areas in the current migration debates and research.

Throughout the program of the Migration Conference you will find various key thematic areas covered in 598 presentations by 767 contributors coming from all around the world, from Australia to Canada, China to Colombia, Brazil to Korea, and South Africa to Norway. We are proud to bring together experts from universities, independent research organisations, governments, NGOs and the media. We are also proud to bring you opportunities to meet with some of the leading scholars in the field. This year invited speakers include Fiona B. Adamson, Markus Kotzur, Philip L. Martin, Karsten Paerregaard, Ferruccio Pastore, Martin Ruhs, Jeffrey H. Cohen, and Carlos Vargas Silva. Although the main language of the conference is English, this year we will have linguistic diversity as usual and there will be presentations in French, Italian, Spanish and Turkish. We have maintained over the years a frank and friendly environment where constructive criticism foster scholarship, while being nice improves networks and quality of the event. We hope to continue with this tradition and you will enjoy the Conference and Bari during your stay. We thank all participants, invited speakers and conference committees for their efforts and contribution. We also thank many colleagues who were interested in and submitted abstracts but could not make it this year. We are particularly grateful to hundreds of colleagues who served as reviewers and helped the selection process. We also thank to those colleagues who organised panels and agreed to chair parallel sessions over three days. We reserve our final thanks to the team of volunteers whose contributions have been essential to the success of the conference. In this regard, special thanks are reserved for our volunteers and team leaders Rosa, Alda, Franco, and Aldo from the University of Bari, Tuncay and Fatma from Regent's University London, Fethiye from Namik Kemal

University and Vildan from Galatasaray University, Ege from Middle East Technical University, Mehari from Regent's University London, and Gizem from Transnational Press London. Our final thanks are reserved for the leaders of the University of Bari "Aldo Moro" and the Department of Political Science, President of Puglia Regional Administration and Mayor of City of Bari for hosting the Conference and for their generous support in enriching the Conference programme. Please do not hesitate to get in touch with us through the conference email (migrationscholar@gmail.com). Ibrahim Sirkeci and Michela C. Pellicani The Migration Conference Chairs The Migration Conference 2019 The Migration Conference is a global venue for academics, policy makers, practitioners, students and everybody who is interested in intelligent debate and research informed discussions on human mobility and its impacts around the world. The Migration Conference 2019 is the 7th conference in the series and co-organised and hosted by the University of Bari "Aldo Moro", Italy and Transnational Press London. The Migration Conferences were launched at the Regent's Centre for Transnational Studies in 2012 when the first large scale well attended international peer-reviewed conference with a focus on Turkish migration in Europe in Regent's Park campus of Regent's University London. The migration conferences have been attended by thousands of participants coming from all around the world in London (2012), London (2014), Prague (2015), Vienna (2016), Athens (2017), Lisbon (2018), and Bari (2019).

In this latest edition of Sales Force Management, Mark Johnston and Greg Marshall continue to build on the tradition of excellence established by Churchill, Ford, and Walker, increasing the book's reputation globally as the leading textbook in the field. The authors have strengthened the focus on managing the modern tools of selling, such as customer relationship management (CRM), social media and technology-enabled selling, and sales analytics. It's a contemporary classic, fully updated for modern sales management practice. Pedagogical features include: Engaging breakout questions designed to spark lively discussion Leadership challenge assignments and mini-cases to help students understand and apply the principles they have learned in the classroom Leadership, Innovation, and Technology boxes that simulate real-world challenges faced by salespeople and their managers New Ethical Moment boxes in each chapter put students on the firing line of making ethical choices in sales Role Plays that enable students to learn by doing A selection of comprehensive sales management cases on the companion website A companion website features an instructor's manual, PowerPoints, and other tools to provide additional support for students and instructors.

Gregory Bateson was a philosopher, anthropologist, photographer, naturalist, and poet, as well as the husband and collaborator of Margaret Mead. This classic anthology of his major work includes a new Foreword by his daughter, Mary Katherine Bateson. 5 line drawings.

Más de 400 capítulos refrendados por la acreditada autoría de los más significados representantes de la medicina moderna. Una organización uniforme y práctica, que hace especial hincapié en las referencias basadas en la evidencia. Miles de algoritmos, figuras y tablas, que hacen más fácilmente accesible la

información. Vídeos (contenido en inglés), audios de ruidos cardíacos, referencias que recogen la evidencia de grado A, además de bibliografía complementaria. Contenido permanentemente actualizado por Lee Goldman, MD (contenido en inglés). Acceso al texto, las figuras y la bibliografía completa del libro en inglés a través de distintos dispositivos gracias a la versión digital de la obra original incluida en la compra.

A Paradigm of Planetary Problems

Principles of Corporate Finance

Realising REDD+

Frontiers of Development Economics

Hopes, Realities, Risks

Development with Identity

Goldman-Cecil. Tratado de medicina interna

En esta nueva edición de Medicina de urgencias emergencias se llevará a cabo una revisión exhaustiva del contenido, sobre todo en aquellos aspectos relacionados con el diagnóstico y el tratamiento, siempre recogiendo la evidencia más actual. En esta 6a edición vuelve a primar el enfoque práctico ofreciendo a los lectores soluciones a la diversidad de situaciones a las que tienen que hacer frente día tras día los profesionales de urgencias. Sus directores, los doctores Luis Jiménez Murillo y F. Javier Montero Pérez, han contado con la colaboración de especialistas de diversas áreas del Hospital Universitario Reina Sofía de Córdoba, así como con facultativos de urgencias de otros hospitales españoles. Los autores llevan a cabo un enorme esfuerzo de síntesis en esta nueva edición aunque incluyendo todos aquellos aspectos novedosos y fundamentales que convierten a esta obra en una herramienta fundamental para todos los especialistas que trabajan en este área. Entre las novedades de esta nueva edición cabe destacar la inclusión de 6 nuevos capítulos y 5 nuevos casos clínicos, así como el acceso a imágenes a color en la sección de Dermatología. Medicina de urgencias y emergencias se dirige al especialista en Medicina de urgencias y emergencias, tanto de nivel hospitalario como extrahospitalario, así como a los médicos residentes de cualquier especialidad que recalán en los servicios de urgencias.

The existence of World Literature depends on specific processes, institutions, and actors involved in the global circulation of literary works. The contributions of this volume aim to pay attention to these multiple material dimensions of Latin American 20th and 21st century literatures. From perspectives informed by materialism, sociology, book studies, and digital humanities, the articles of this volume analyze the role of publishing houses, politics of translation, mediators and gatekeepers, allowing insights into the processes that enable books to cross borders and to be transformed into globally circulating commodities. The book focusses both on material (re)sources of literary archives, key actors in literary and cultural markets, prizes and book fairs, as well as on recent dimension of the digital age. Statements of some of the leading representatives of the global publishing world complement these analyses of the operations of selection and aggregation of value to literary texts.

Mathematics is the science of acts without things - and through this, of things one can define by acts. 1 Paul Valéry The essays collected in this volume form a mosaik of

theory, research, and practice directed at the task of spreading mathematical knowledge. They address questions raised by the recurrent observation that, all too frequently, the present ways and means of teaching mathematics generate in the student a lasting aversion against numbers, rather than an understanding of the useful and sometimes enchanting things one can do with them. Parents, teachers, and researchers in the field of education are well aware of this dismal situation, but their views about what causes the wide-spread failure and what steps should be taken to correct it have so far not come anywhere near a practicable consensus. The authors of the chapters in this book have all had extensive experience in teaching as well as in educational research. They approach the problems they have isolated from their own individual perspectives. Yet, they share both an overall goal and a specific fundamental conviction that characterized the efforts about which they write here. The common goal is to find a better way to teach mathematics. The common conviction is that knowledge cannot simply be transferred ready-made from parent to child or from teacher to student but has to be actively built up by each learner in his or her own mind.

The 2020 edition of the WWDR, titled 'Water and Climate Change' illustrates the critical linkages between water and climate change in the context of the broader sustainable development agenda. Supported by examples from across the world, it describes both the challenges and opportunities created by climate change, and provides potential responses - in terms of adaptation, mitigation and improved resilience - that can be undertaken by enhancing water resources management, attenuating water-related risks, and improving access to water supply and sanitation services for all in a sustainable manner. It addresses the interrelations between water, people, environment and economics in a changing climate, demonstrating how climate change can be a positive catalyst for improved water management, governance and financing to achieve a sustainable and prosperous world for all. The report provides a fact-based, water-focused contribution to the knowledge base on climate change. It is complementary to existing scientific assessments and designed to support international political frameworks, with the goals of helping the water community tackle the challenges of climate change, and informing the climate change community about the opportunities that improved water management offers in terms of adaptation and mitigation.

World Editors

Celiac Disease and Non-Celiac Gluten Sensitivity

English-Spanish, Spanish-English

Feminism and the Subversion of Identity

Statistics for Engineers and Scientists

The World Bank Glossary

Gender Trouble

The Practice of Adaptive Leadership will help you think more clearly and execute better in a constantly shifting environment. It offers a comprehensive and systematic approach to candidly assessing the situation and yourself, and then taking action. Its wisdom and advice are drawn from the experiences of people like you, committed to advancing what you care about most. The book is anchored in the

framework of adaptive leadership, but goes beyond the theory to provide a practical set of stories, diagrams, techniques, and activities that will help you both assess and address the toughest challenges that lie ahead. Dozens of tools and tactics are presented in an exciting, clear, and reader-friendly design.

The development of competitive agro-industries is crucial for creating employment and income opportunities as well as enhancing the quality of and demand for farm products. Agro-industries can have a real effect on international development by increasing economic growth and reducing poverty in both rural and urban areas of developing countries. However, in order to avoid adverse effects to vulnerable countries and people, sound policies and strategies for fostering agro-industries are needed. Agro-Industries for Development highlights the current status and future course for agro-industries and brings attention to the contributions this sector can make to international development. The book includes contributions from agro-industry specialists, academic experts and UN technical agencies, chapters address the strategies and actions required for improving agro-industrial competitiveness in ways that can create income, generate employment and fight poverty in the developing world. This book is a co-publication with FAO and UNIDO.

Master modeling and simulation using Modelica, the new powerful, highly versatile object-based modeling language Modelica, the new object-based software/hardware modeling language that is quickly gaining popularity around the world, offers an almost universal approach to high-level computational modeling and simulation. It handles a broad range of application domains, for example mechanics, electrical systems, control, and thermodynamics, and facilitates general notation as well as powerful abstractions and efficient implementations. Using the versatile Modelica language and its associated technology, this text presents an object-oriented, component-based approach that makes it possible for readers to quickly master the basics of computer-supported equation-based object-oriented (E00) mathematical modeling and simulation. Throughout the text, Modelica is used to illustrate the various aspects of modeling and simulation. At the same time, a number of key concepts underlying the Modelica language are explained with the use of modeling and simulation examples. This book: Examines basic concepts such as systems, models, and simulations Guides readers through the Modelica language with the aid of several step-by-step examples Introduces the Modelica class concept and its use in graphical and textual modeling Explores modeling methodology for continuous, discrete, and hybrid systems Presents an overview of the Modelica Standard Library and key Modelica model libraries Readers will find plenty of examples of models that simulated distinct application domains as well as examples that combine several domains. All the examples and exercises in the text are available via DrModelica. This electronic self-teaching program, freely available on the text's companion website, guides readers from simple, introductory examples and exercises to more advanced ones. Written by the Director of the Open Source Modelica

Consortium, Introduction to Modeling and Simulation of Technical and Physical Systems with Modelica is recommended for engineers and students interested in computer-aided design, modeling, simulation, and analysis of technical and natural systems. By building on basic concepts, the text is ideal for students who want to learn modeling, simulation, and object orientation.

From bestselling writer David Graeber—"a master of opening up thought and stimulating debate" (Slate)—a powerful argument against the rise of meaningless, unfulfilling jobs...and their consequences. Does your job make a meaningful contribution to the world? In the spring of 2013, David Graeber asked this question in a playful, provocative essay titled "On the Phenomenon of Bullshit Jobs." It went viral. After one million online views in seventeen different languages, people all over the world are still debating the answer. There are hordes of people—HR consultants, communication coordinators, telemarketing researchers, corporate lawyers—whose jobs are useless, and, tragically, they know it. These people are caught in bullshit jobs. Graeber explores one of society's most vexing and deeply felt concerns, indicting among other villains a particular strain of finance capitalism that betrays ideals shared by thinkers ranging from Keynes to Lincoln. "Clever and charismatic" (The New Yorker), Bullshit Jobs gives individuals, corporations, and societies permission to undergo a shift in values, placing creative and caring work at the center of our culture. This book is for everyone who wants to turn their vocation back into an avocation and "a thought-provoking examination of our working lives" (Financial Times).

Community, Culture and Sustainability in the Andes

Explaining Social Behavior

6th International Conference on the Conservation of Earthen

Architecture

Eloquent JavaScript, 3rd Edition

Exponential Organizations

Why new organizations are ten times better, faster, and cheaper than yours (and what to do about it)

Collected Essays in Anthropology, Psychiatry, Evolution, and Epistemology

With contributions from 35 leading economists, this forward-looking book explores the future of development economics against the background of the past half-century of development thought and practice. Outstanding representatives of the past two generations of development economists assess development thinking at the turn of the century and look to the unsettled questions confronting the next generation. The volume offers a thorough analysis of the broad range of issues involved in development economics, and it is especially timely in its critique of what is needed in development theory and policy to reduce poverty. An overriding issue is whether in the future 'development economics' is to be regarded simply as applied economics or whether the nature and scope of development economics will constitute a need for a special development theory to supplement general economic theory. 'Frontiers of Development Economics'

is an ideal reference for all those working in the international development community.

Master the Shiny web framework—and take your R skills to a whole new level. By letting you move beyond static reports, Shiny helps you create fully interactive web apps for data analyses. Users will be able to jump between datasets, explore different subsets or facets of the data, run models with parameter values of their choosing, customize visualizations, and much more. Hadley Wickham from RStudio shows data scientists, data analysts, statisticians, and scientific researchers with no knowledge of HTML, CSS, or JavaScript how to create rich web apps from R. This in-depth guide provides a learning path that you can follow with confidence, as you go from a Shiny beginner to an expert developer who can write large, complex apps that are maintainable and performant. Get started: Discover how the major pieces of a Shiny app fit together Put Shiny in action: Explore Shiny functionality with a focus on code samples, example apps, and useful techniques Master reactivity: Go deep into the theory and practice of reactive programming and examine reactive graph components Apply best practices: Examine useful techniques for making your Shiny apps work well in production

Throughout Latin America, indigenous peoples are demanding that development must address local priorities, including ethnic identity. Simultaneously, sustainability scientists need to conduct place-based research on the interaction between environment and society that will have global relevance. This book reports on a 6 year interdisciplinary research project on natural resource management in Cotacachi, Ecuador, where scientists and indigenous groups learnt to seek common ground. The book discusses how local people and the environment have engaged each other over time to create contemporary Andean landscapes. It also explores human-environment interaction in relation to biodiversity, soils and water, and equitable development. This book will be of significant interest to sociologists, anthropologists, economists and sustainability scientists researching environment and agriculture in rural communities.

Statistics for Engineers and Scientists stands out for its crystal clear presentation of applied statistics. Suitable for a one or two semester course, the book takes a practical approach to methods of statistical modeling and data analysis that are most often used in scientific work. Statistics for Engineers and Scientists features a unique approach highlighted by an engaging writing style that explains difficult concepts clearly, along with the use of contemporary real world data sets to help motivate students and show direct connections to industry and research. While focusing on practical applications of statistics, the text makes extensive use of examples to motivate fundamental concepts and to develop intuition.

Artificial Intelligence

Tools and Tactics for Changing Your Organization and the World

Limnology Now

Explorando la Información Con Python 3

National Strategy and Policy Options

Advanced Trauma Life Support

The Principles of Learning & Behavior

Frost & Sullivan's 2014 Growth, Innovation, and Leadership Book of the Year

"EXPONENTIAL ORGANIZATIONS should be required reading for anyone interested in the ways exponential technologies are reinventing best practices in business." —Ray Kurzweil, Director of Engineering at Google

In business, performance is key. In performance, how you organize can be the key to growth. In the past five years, the business world has seen the birth of a new breed of company—the Exponential Organization—that has revolutionized how a company can accelerate its growth by using technology. An ExO can eliminate the incremental, linear way traditional companies get bigger, leveraging assets like community, big data, algorithms, and new technology into achieving performance benchmarks ten times better than its peers. Three luminaries of the business world—Salim Ismail, Yuri van Geest, and Mike Malone—have researched this phenomenon and documented ten characteristics of Exponential Organizations. Here, in EXPONENTIAL ORGANIZATIONS, they walk the reader through how any company, from a startup to a multi-national, can become an ExO, streamline its performance, and grow to the next level. "EXPONENTIAL ORGANIZATIONS is the most pivotal book in its class. Salim examines the future of organizations and offers readers his insights on the concept of Exponential Organizations, because he himself embodies the strategy, structure, culture, processes, and systems of this new breed of company." —John Hagel, The Center for the Edge Chosen by Benjamin Netanyahu, Prime Minister of Israel, to be one of Bloomberg's Best Books of 2015