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This book contains a selection of articles from The 2014 World Conference on Information Systems and Technologies (WorldCIST'14), held between the 15th and 18th of April in Funchal, Madeira, Portugal, a global forum for researchers and practitioners to present and discuss recent results and innovations, current trends, professional experiences and challenges of modern Information Systems and Technologies research, technological development and applications. The main topics covered are: Information and Knowledge Management; Organizational Models and Information Systems; Intelligent and Decision Support Systems; Software Systems, Architectures, Applications and Tools; Computer Networks, Mobility and Pervasive Systems; Radar Technologies; Human-Computer Interaction; Health Informatics and Information Technologies in Education.

Develop the Microsoft Office 365 and Office 2019 skills students need to be successful in college and beyond with the emphasis on critical-thinking, problem-

solving, and in-depth coverage found in NEW PERSPECTIVES MICROSOFT OFFICE 365 & OFFICE 2019: INTRODUCTORY. Updated with all-new case scenarios, this edition clearly applies the skills students are learning to real-world situations to make concepts even more relevant across the applications and reinforces critical skills to make them successful in their educational and professional careers. NEW PERSPECTIVES MICROSOFT OFFICE 365 & OFFICE 2019: INTRODUCTORY demonstrates the importance of what students are learning while strengthening your skills and helping students transfer those skills to other applications and disciplines for further success. In addition, MindTap and updated SAM (Skills Assessment Manager) online resources are available to guide additional study and ensure successful results. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Economic crime is, by definition, crime committed to gain profit within an otherwise legitimate business. Examples are illegal pollution, brand name infringement and tax evasion.

This open access book describes methods of mortality forecasting and discusses possible improvements. It contains a selection of previously unpublished and published papers, which together provide a state-of-the-art overview of statistical

approaches as well as behavioural and biological perspectives. The different parts of the book provide discussions of current practice, probabilistic forecasting, the linearity in the increase of life expectancy, causes of death, and the role of cohort factors. The key question in the book is whether it is possible to project future mortality accurately, and if so, what is the best approach. This makes the book a valuable read to demographers, pension planners, actuaries, and all those interested and/or working in modelling and forecasting mortality.

New Perspectives on HTML5, CSS3, and JavaScript Cengage Learning

The material included in this book was first presented in a series of lectures delivered at the University of Minnesota in June 1983 in connection with the conference "Thermodynamics and Phase Transitions". This conference was one of the principal events in the first year of operation of the Institute for Mathematics and its Applications (IMA) at the University of Minnesota. The Institute was founded under the auspices of the National Science Foundation of the United States and the University of Minnesota and is devoted to strengthening and fostering the relation of mathematics with its various applications to problems of the real world. The present volume constitutes an important element in the continuing publication program of the Institute. Previous publications in this program have appeared as lecture notes in the well-known Springer series, and

future ones will be part of a new series "IMA Volumes in Applied Mathematics".

Preface Until recently it was believed that thermodynamics could be given a rigorous foundation only in certain restricted circumstances, particularly those involving reversible and quasi-static processes. More general situations, commonly arising in continuum theories, have therefore been treated on the assumption that internal energy, entropy and absolute temperature are a priori given quantities, or have been dealt with on a more or less ad hoc basis, with emphasis for example on various types of variational formulations and maximization rules.

This edited book presents research results that are relevant for scientists, practitioners and policymakers who engage in knowledge and technology transfer from different perspectives. Empirical and conceptual chapters present original approaches regarding the current practice and policies behind technology transfer. By providing analyses at the macro, meso and micro-level, the respective chapters demonstrate how technology is moving from various organizational contexts into new institutions and becoming a critical aspect for competitiveness.

We are told again and again that the world has become increasingly complex and indecipherable. However, this book reminds us that we are no longer alone in the

world, that it is time to move away from the mental categories of the Cold War and stop treating all those who challenge our vision of the international order as guilty “deviants” or “Barbarians.” The author challenges the diplomacy of Western states, who want to continue to rule the world against history, and in particular that of France, which too often oscillates between arrogance, indecision, and ambiguity. The power play is stuck. The international order can no longer be regulated by a small club of oligarchs who exclude the weaker ones, ignore the demands of societies, and ignore the demands for justice that emerge from a new world where the actors are more numerous, more diverse and more restive to arbitrary disciplines. For this reason, this book also offers ways to think an international order that would be, if not fair, at least less unfair.

This volume explores problems in the history of science at the intersection of life sciences and agriculture, from the mid-eighteenth to the mid-twentieth century. Taking a comparative national perspective, the book examines agricultural practices in a broad sense, including the practices and disciplines devoted to land management, forestry, soil science, and the improvement and management of crops and livestock. The life sciences considered include genetics, microbiology, ecology, entomology, forestry, and deal with US, European, Russian, Japanese, Indonesian, Chinese contexts. The book shows that the

investigation of the border zone of life sciences and agriculture raises many interesting questions about how science develops. In particular it challenges one to re-examine and take seriously the intimate connection between scientific development and the practical goals of managing and improving – perhaps even recreating – the living world to serve human ends. Without close attention to this zone it is not possible to understand the emergence of new disciplines and transformation of old disciplines, to evaluate the role and impact of such major figures of science as Humboldt and Mendel, or to appreciate how much of the history of modern biology has been driven by national ambitions and imperialist expansion in competition with rival nations.

"This book provides thorough coverage of HTML5, CSS3, and JavaScript, and includes the following: up-to-date coverage of using HTML5 to create structured websites; instruction on the most current CSS3 styles to create visually-interesting pages and captivating graphic designs; working with browser developer tools to aid in the creation and maintenance of fully-functioning websites. New for this edition!: coverage of responsive design techniques to create website designs that can scale to mobile, tablet, and desktop devices; hands-on study of new HTML elements and CSS styles including layouts using flexboxes and grid frameworks; exploration of CSS3 styles for graphic design,

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including image borders, drop shadows, gradient fills, 2D and 3D transformations, and graphic filterse; exploratin of responsive designs for web tables; coverage of SS styles for animation and transitions; coverage of JavaScript arrays, program loops, and conditional statements; coverage of JavaScript methods for form validation and e-commerce; [and] coverage of custom objects, properties, and methods used in object-based programming." -- from the preface, page [iii].

In today's world where technology impacts every aspect of life, you need to know how to evaluate devices, choose apps, maintain a professional online reputation, and ensure digital security. NEW PERSPECTIVES ON COMPUTER CONCEPTS 2018, INTRODUCTORY offers the insights to help. This book goes beyond the intuitive how-to of apps and social media to delve into broad concepts that are guiding current technologies such as self-driving cars, virtual reality, file sharing torrents, encrypted communications, photo forensics, and the Internet of Things. Numerous illustrations and interactive features make mastering technical topics a breeze, while the book's proven learning path is structured with today's busy reader in mind. This edition offers an insightful overview of what today's readers must know about using technology to complete an education, secure a successful career, and engage in issues that shape today's world. Important

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New Perspectives in Partial Least Squares and Related Methods shares original, peer-reviewed research from presentations during the 2012 partial least squares methods meeting (PLS 2012). This was the 7th meeting in the series of PLS conferences and the first to take place in the USA. PLS is an abbreviation for Partial Least Squares and is also sometimes expanded as projection to latent structures. This is an approach for modeling relations between data matrices of different types of variables measured on the same set of objects. The twenty-two papers in this volume, which include three invited contributions from our keynote speakers, provide a comprehensive overview of the current state of the most advanced research related to PLS and related methods. Prominent scientists from around the world took part in PLS 2012 and their contributions covered the multiple dimensions of the partial least squares-based methods. These exciting theoretical developments ranged from partial least squares regression and correlation, component based path modeling to regularized regression and subspace visualization. In following the tradition of the six previous PLS meetings, these contributions also included a large variety of PLS approaches such as PLS metamodels, variable selection, sparse PLS regression, distance

based PLS, significance vs. reliability, and non-linear PLS. Finally, these contributions applied PLS methods to data originating from the traditional econometric/economic data to genomics data, brain images, information systems, epidemiology, and chemical spectroscopy. Such a broad and comprehensive volume will also encourage new uses of PLS models in work by researchers and students in many fields.

Now readers can master Web page design as they learn from the unique, hands-on approach found in NEW PERSPECTIVES HTML5 AND CSS3:

COMPREHENSIVE, 7E. Each tutorial in this complete book challenges learners to put into practice the concepts they have just learned. Every tutorial includes a basic statement of the problem, the goals to be achieved, and a helpful demonstration of how to complete the task to create a fully functional website.

Readers do not need any prior experience with HTML or CSS or any specialized software other than a basic editor and Web browser. With the book's user-friendly approach, learners develop important problem-solving skills as they apply what they've learned in a professional environment. Successfully completing this book's tutorial cases and case problems can act a springboard to develop the reader's own professional portfolio that showcases strong abilities in website design. Important Notice: Media content referenced within the product description

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This edited collection provides a state-of-the art overview of research on willingness to communicate (WTC) in a second and foreign language. In particular, it includes innovative studies seeking to demonstrate the ways in which WTC can be examined within the framework of complex dynamic systems, how the construct is related to self-assessment, reticence and extroversion, and what it signifies in the case of immigrants. Another group of papers is related to the role of technology in fostering WTC in different contexts. The volume also comprises papers that touch on methodological issues in the study of WTC such as experience case sampling, the network approach or the integration of the macro- and micro-perspective. The book will be of value to researchers interested in the study of WTC but will also provide inspiration for students, teachers and materials writers.

Today's current and future professionals can now discover the thorough instruction needed to build dynamic, interactive Web sites from scratch with NEW PERSPECTIVES ON HTML5, CSS3, AND JAVASCRIPT, 6E. Part of the popular New Perspectives Series, this user-friendly book provides comprehensive coverage of HTML, CSS, and JavaScript with an inviting approach that starts with the basics and does not require any prior knowledge on the subject. Detailed

explanations of key concepts and skills make even the most challenging topics clear and accessible. Case scenarios and case problems place the most complex concepts within an understandable and practical context. Readers develop important problem solving skills while working through the book's realistic exercises. Proven applications and an interesting approach help readers retain the material and apply what they've learned in today's professional environment. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The book addresses the problem of passivation at the surface of crystalline silicon solar cells. More specifically, it reports on a high-throughput, industrially compatible deposition method for Al_2O_3 , enabling its application to commercial solar cells. One of the main focus is on the analysis of the physics of Al_2O_3 as a passivating dielectric for silicon surfaces. This is accomplished through a comprehensive study, which moves from the particular, the case of aluminium oxide on silicon, to the general, the physics of surface recombination, and is able to connect theory with practice, highlighting relevant commercial applications.

What are the main contributions of Hispanic cultural products and practices today? This book is a collection of essays on new critical trends in Hispanic Caribbean thinking. It offers an update on the state of Hispanic Caribbean studies

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through the discussion of diverse theoretical perspectives around notions of affect, archipelagic thinking, deterritoriality, and queer experiences and subjectivities. These eccentric Caribbean and aquatic imaginaries move beyond those that are circumscribed by identity, nation, insularity, and the colonial epistemologies derived from these conceptions. Due to its cultural and historical specificities, the Hispanic Caribbean constitutes a focus of study crucial to re-thinking global dynamics today.

NEW PERSPECTIVES ON JAVASCRIPT AND AJAX, International Edition uses a practical, step-by-step approach to provide comprehensive instruction on basic to advanced JavaScript and AJAX concepts. This book teaches students JavaScript and AJAX using a simple text editor to create basic to complex Web sites. The text reviews the basics of HTML, XHTML, and CSS and includes an extended appendix containing commands and common code errors.

Part of the New Perspectives Series, this thorough, engaging includes everything readers need to learn to create simple to complex Web sites using HTML5, CSS3, and Dynamic HTML. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Updated to teach the most current XML standards, this book uses real-world

case studies and a practical, step-by-step approach to teach XML. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The changing demography of the workforce presents challenges and opportunities to individuals and to the organizations of which they are a part. This volume examines how diversity in organizations affords benefits such as a broader talent pool, but at the same time can lead to tension, misunderstanding and, at times, outright hostility.

This monograph integrates theoretical perspectives on affect and learning with recent research in affective computing with an emphasis on building new learning technologies. The "new perspectives" come from the intersection of several research themes: -?Basic research on emotion, cognition, and motivation applied to learning environments -?Pedagogical and motivational strategies that are sensitive to affective and cognitive processes -?Multimodal Human Computer Interfaces, with a focus on affect recognition and synthesis -?Recent advances in affect-sensitive Intelligent Tutoring Systems -?Novel methodologies to investigate affect and learning -?Neuroscience research on emotions and learning

This book provides information on the advances in blanching and its effect on food. The author presents the concepts involved in old and novel blanching

processes, the typical effects of blanching and the studies on novel blanching technologies.

This volume is a collection of papers presented at the 2007 colloquium on new perspectives on games and interaction at the Royal Dutch Academy of Sciences in Amsterdam.

Since its very beginning, archaeology has in many senses always related to a much wider constituency than just archaeologists. This relationship between archaeology and the public has often been overlooked and constantly changes. Public archaeology, as a field of research and practice, has been developing since the 1970s in English-speaking countries, particularly in the United States, Britain, and Australia, and is today beginning to spread to other parts of the world. Global expansion of public archaeology comes with the recognition of the need for a careful understanding of local contexts, particularly the culture and socio-political climate. This volume critically examines the current theories and practices of public archaeology through relevant case studies from different regions throughout the world, including: Japan, China, South Korea, New Caledonia, South Africa, Senegal, Jordan, Italy, Peru, Canada, the United Kingdom, the United States, and Australia. These case studies are examined from a wide variety of theoretical contexts, to provide a thorough and comprehensive guide to the state of public archaeology today, as well as implications for its future. As the theory and practice of public archaeology continues to change and grow, archaeology's

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relationship with the broader community needs to be critically and openly examined. The contributions in this wide-ranging work are a key source of information for anyone practicing or studying archaeology in a public context.

The book features recent attempts to construct corpora for specific purposes – e.g. multifactorial Dutch (parallel), Geasy Easy Language Corpus (intralingual), HK LegCo interpreting corpus – and showcases sophisticated and innovative corpus analysis methods. It proposes new approaches to address classical themes – i.e. translation pedagogy, translation norms and equivalence, principles of translation – and brings interdisciplinary perspectives – e.g. contrastive linguistics, cognition and metaphor studies – to cast new light. It is a timely reference for the researchers as well as postgraduate students who are interested in the applications of corpus technology to solving translation and interpreting problems.

Now readers can develop the Microsoft Excel 2016 skills needed to be successful in college or the business world beyond with the emphasis on critical-thinking, problem-solving, and in-depth coverage found in NEW PERSPECTIVES MICROSOFT OFFICE 365 & EXCEL 2016: INTERMEDIATE. Updated with all-new case scenarios, this complete book clearly applies the skills readers are learning to real-world situations, making the concepts even more relevant. All content and activities throughout NEW PERSPECTIVES MICROSOFT OFFICE 365 & EXCEL 2016: INTERMEDIATE help readers understand the importance of what they're learning. This edition focuses on

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strengthening learning outcomes and transferring skills to other applications and disciplines for further success. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. New Perspectives on HTML and CSS 7th Edition delivers a hands-on approach to learning Web page design. In each tutorial, you'll put into practice the concepts you have learned. Each tutorial includes a basic statement of the problem, the goals to be achieved, and a demonstration of how to complete the task, creating a fully functional website in the process. You will develop problem-solving skills which will help retain the material and apply what you've learned in a professional environment. Successful completion of the tutorial cases and case problems can act a springboard to develop your own portfolio to showcase your abilities in website design.

This exciting and timely collection showcases recent work on Cybercrime by members of Uclan Cybercrime Research Unit [UCRU], directed by Dr Tim Owen at the University of Central Lancashire, UK. This book offers up-to-date perspectives on Cybercrime based upon a Realist social ontology, alongside suggestions for how research into Cybercrime might move beyond what can be seen as the main theoretical obstacles facing criminological theory: the stagnation of critical criminology and the nihilistic relativism of the postmodern and post-structuralist cultural turn. Organised into three sections; 'Law and Order in Cyberspace', 'Gender and Deviance in Cyberspace', and 'Identity and Cyberspace', this cutting-edge volume explores some of the most crucial

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issues we face today on the internet: grooming, gendered violence, freedom of speech and intellectual property crime. Providing unique new theory on Cybercrime, this book will appeal to scholars and advanced students of Criminology, Law, Sociology, Philosophy, Policing and Forensic Science, Information Technology and Journalism, in addition to professionals working within law and order agencies and the security services.

Develop the skills you need to compete successfully in today's high-tech workforce with Carey's NEW PERSPECTIVES ON HTML5 AND CSS3: COMPREHENSIVE, 8E and MindTap digital resources. You learn fundamental design concepts as you build websites based on real-world case scenarios. Specially designed activities help you strengthen your logic, design, troubleshooting and creativity. The projects you complete can even become part of your professional portfolio. You progress from hands-on labs focused on code snippets and debugging to completing assessments and a capstone project. Short Coding Challenges check your understanding of key concepts, while Debugging Challenges teach you how to fix syntax errors in an existing web page. In addition, MindTap's educational integrated development environment (IDE) provides immediate feedback with tutorials, based on realistic case problems, that help you refine problem-solving skills as you develop websites in a professional environment. This book presents different techniques and methodologies that used to help improve the decision-making process and increase the likelihood of success in sector as follows:

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agriculture, financial services, logistics, energy services, health and others. This book collects and consolidates innovative and high-quality research contributions regarding the implementation techniques and methodologies applied in different industrial sectors. The scope is to disseminate current trends knowledge in the implementation of artificial intelligence techniques and methodologies in different fields as follows: supply chain, business intelligence, e-commerce, social media and others. The book contents are useful for Ph.D., Ph.D. students, master and undergraduate students, and professional and students in industrial engineering, computer science, information systems, data analytics and others. .

This new text from best-selling author Patrick Carey uses the New Perspectives Series case-based, problem-solving approach to teach students JavaScript concepts and applications. It is designed for a full-semester course on JavaScript and is ideal for students have no prior programming experience. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Now in its sixth edition, JAVASCRIPT guides beginning programmers through web application development using the JavaScript programming language. As with previous editions of the book, the authors introduce key web authoring techniques with a strong focus on industry application. New coverage includes developing for touchscreen and mobile devices, and using the jQuery library. A real-world project, similar to what students would encounter in a professional setting, is developed chapter by chapter. Because professional web development

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jobs often require programmers to add features to existing sites, each chapter project uses a professionally designed web site. After completing a course using this textbook, students will be able to use JavaScript to build professional quality, dynamic web sites. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

This book covers research studies of aloe by the CAP (Creation Aloe Pharmaceuticals) team. It details the various physiological effects of those components for possible use as health foods or drugs. The team was organized into the isolation and analysis group, which purified many components in terms of low molecular weight compounds, carbohydrates, proteins present in aloe, and the assay group, which determined the efficacy of those components.

This book address fundamental questions of human development, revisiting old questions and applying original empirical findings.

This book presents a collection of papers discussing especially social factors that support individuals, organizations, markets, and societies confronted with socio-economic crises. The papers were written mainly by international sociologists dealing with social resilience from different viewpoints and offering new theoretical perspectives as well as empirical facts. Why are so many researchers, politicians, and practitioners thinking and writing about resilience today? Social scientists have started only recently to deal with social resilience in various spheres. Since not long ago, resilience was strongly connected with the question of what makes individuals or ecosystems to overcome threats like disruption, catastrophes, external shocks etc. Thus, a new research perspective on resilience is offered.

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