

Api Q1 9th Edition Ellens

This book delves into the major developments triggered by the hydrocarbon discoveries in the Eastern Mediterranean over the last twenty years, focusing on maritime boundary delimitation. Examining the impact that the hydrocarbon discoveries have had on the application of the law of the sea rules by the East Med states, the book looks at the new trends concerning the implementation of the law of the sea in the region. The book analyses regional state practice in terms of maritime delimitation, namely the conclusion of bilateral agreements based on the law of the sea rules, both conventional and customary, reflecting the East Med states' willingness to cooperate in order to reap the benefits of the energy windfall. Alongside this analysis, an outline of the hydrocarbon discoveries and the pertinent maritime activities is given, as well as further coverage of the overlapping maritime claims and disputes between Greece, Cyprus and Turkey on one side, and Lebanon and Israel on the other. Moreover, the book examines the validity of maritime claims made by or through non-state entities in the region, namely the State of Palestine, the UK Sovereign Base Areas and the so-called 'Turkish Republic of Northern Cyprus' and their potential impact on the delimitation agreements already in place. The book argues that the East Med paradigm concerning the successful application of the pertinent norms in maritime delimitation proves that international law is resilient and capable of providing solutions in other turbulent regions around the globe. This book will be of interest and importance to academics and students of international law, professionals in the oil and shipping industries, legal professionals and government agencies.

This book constitutes the refereed proceedings of the 13th International Conference on Conceptual Structures, ICCS 2005, held in Kassel, Germany, in July 2005. The 23 revised full papers presented together with 9 invited papers were carefully reviewed and selected from 66 submissions. The papers are organized in topical sections on theoretical foundations, knowledge engineering and tools, and knowledge acquisition and ontologies.

The integration of the 3rd dimension in the production of spatial representation is largely recognized as a valuable approach to comprehend our reality, that is 3D. During the last decade developments in 3D Geoinformation (GI) system have made substantial progress. We are about to have a more complete spatial model and understanding of our planet in different scales. Hence, various communities and cities offer 3D landscape and 3D city models as valuable source and instrument for sustainable management of rural and urban resources. Also municipal utilities, real estate companies benefit from recent developments related to 3D applications. In order to present recent developments and to discuss future trends, academics and practitioners met at the 7th International Workshop on 3D Geoinformation. This book comprises a selection of evaluated, high quality papers that were presented at this workshop in May 2012. The topics focus explicitly on the last achievements (methods, algorithms, models, systems) with respect to 3D Geoinformation requirements. The book is aimed at decision makers and experts as well at students interested in the 3D component of geographical information science including GI engineers, computer scientists, photogrammetrists, land surveyors, urban planners, and mapping specialists.

This open access book constitutes the proceedings of the 20th International Conference on Agile Software Development, XP 2019, held in Montreal, QC, Canada, in May 2019. XP is the premier agile software development conference combining research and practice. It is a hybrid forum where agile researchers, academics, practitioners, thought leaders, coaches, and trainers get together to present and discuss their most recent innovations, research results, experiences, concerns, challenges, and trends. Following this history, for both researchers and seasoned practitioners XP 2019 provided an informal environment to network, share, and discover trends in Agile for the next 20 years. The 15 full papers presented in this volume were carefully reviewed and selected from 45 submissions. They were organized in topical sections named: agile adoption, agile practices; large-scale agile; agility beyond IT, and the future of agile.

Data is at the center of many challenges in system design today. Difficult issues need to be figured out, such as scalability, consistency, reliability, efficiency, and maintainability. In addition, we have an overwhelming variety of tools, including relational databases, NoSQL datastores, stream or batch processors, and message brokers. What are the right choices for your application? How do you make sense of all these buzzwords? In this practical and comprehensive guide, author Martin Kleppmann helps you navigate this diverse landscape by examining the pros and cons of various technologies for processing and storing data. Software keeps changing, but the fundamental principles remain the same. With this book, software engineers and architects will learn how to apply those ideas in practice, and how to make full use of data in modern applications. Peer under the hood of the systems you already use, and learn how to use and operate them more effectively. Make informed decisions by identifying the strengths and weaknesses of different tools. Navigate the trade-offs around consistency, scalability, fault tolerance, and complexity. Understand the distributed systems research upon which modern databases are built. Peek behind the scenes of major online services, and learn from their architectures.

This dictionary of grammatical terms covers both current and traditional terminology in syntax and morphology. It includes descriptive terms, the major theoretical concepts of the most influential grammatical frameworks, and the chief terms from mathematical and computational linguistics. It contains over 1500 entries, providing definitions and examples, pronunciations, the earliest sources of terms and suggestions for further reading, and recommendations about competing and conflicting usages. The book focuses on non-theory-bound descriptive terms, which are likely to remain current for some years. Aimed at students and teachers of linguistics, it allows a reader puzzled by a grammatical term to look it up and locate further reading with ease.

Encompassing the period from the Neolithic era to the troubled present, this book studies the peoples, societies and cultures of the area situated between the Adriatic Sea in the west and the Black Sea in the east, between the Alpine region and Danube basin in the north and the Aegean Sea in the south. This is not a conventional history of the Balkans. Drawing upon archaeology, anthropology, economics, psychology and linguistics as well as history, the author has attempted a "total history" that integrates as many as possible of the avenues and categories of the Balkan experience.

This Special Report is a greatly expanded edition of a previous report on landslides (Special Report 176, "Landslides: Analysis and Control") published in 1978. The new report, which has been designed with an even broader international scope, contains comprehensive, practical discussions of field investigations, laboratory testing, and stability analysis procedures and technologies; comprehensive references to the literature; and discussions of case studies, state-of-the-art techniques, and research directions. The report is presented in five sections: (1) Principles, Definitions, and Assessment; (2) Investigation; (3) Strength and Stability Analysis; (4) Mitigation; and (5) Special Cases and Materials.

The princes étrangers, or the foreign princes, were an influential group of courtiers in early modern France, who maintained their unofficial status as 'foreigners' due to membership in sovereign ruling families. Arguably the most influential of these were the princes of Lorraine, a sovereign state on France's eastern border. During the sixteenth century the Lorraine-Guise dominated the culture and politics of France, gaining a reputation as a powerful, manipulative family at the head of the Catholic League in the Wars of Religion and with close relationships with successive Valois monarchs and Catherine de Medici. After the traumas of 1588, however, although they faded from the narrative history of France, they nevertheless remained at the pinnacle of political culture until the end of the eighteenth century. This book examines the lesser-known period for the Guise

at the later stages of the ancien régime, focusing on the recovery of lost fortunes, prestige, favour and influence that began towards the end of the reign of Louis XIII and continued through that of Louis XIV. Central to the work is the question of what it meant to be a member of a family of princely rank whose dynastic links outside the state guaranteed privileges and favours at the highest level. Jonathan Spangler investigates how an aristocratic family operated within that political culture, including facets of patronage (political, ecclesiastical, military, and the arts) and the meaning of dynasticism itself (marriages, testaments, women's roles, multiplicity of loyalties). The result is a thorough examination of the nature of crown-noble relations in the era of absolutism as seen through the example of the Lorraine-Guise. It sheds light on how the family which had so threatened the equilibrium of the late Valois monarchy became one of the strongest pillars supporting the regime of the later Bourbons.

Principles of Information Systems Introduction to Information Retrieval Cambridge University Press

Combining the latest research and most current coverage available into a succinct nine chapters, FUNDAMENTALS OF INFORMATION SYSTEMS, 8E equips students with a solid understanding of the core principles of IS and how it is practiced. The streamlined 560-page eighth edition features a wealth of new examples, figures, references, and cases as it covers the latest developments from the field--and highlights their impact on the rapidly changing role of today's IS professional. In addition to a stronger career emphasis, the text includes expanded coverage of mobile solutions, energy and environmental concerns, the increased use of cloud computing across the globe, and two cases per chapter. Learning firsthand how information systems can increase profits and reduce costs, students explore new information on e-commerce and enterprise systems, artificial intelligence, virtual reality, green computing, and other issues reshaping the industry. The text introduces the challenges and risks of computer crimes, hacking, and cyberterrorism. It also presents some of the most current research on virtual communities, global IS work solutions, and social networking. No matter where students' career paths may lead, FUNDAMENTALS OF INFORMATION SYSTEMS, 8E and its resources can help them maximize their success as employees, decision makers, and business leaders. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Machine Translation and the Information Soup! Over the past forty years, machine translation has grown from a tantalizing dream to a respectable and stable scientific enterprise, with users, commercial systems, university research, and government participation. But until very recently, MT has been performed as a relatively distinct operation, somewhat isolated from other text processing. Today, this situation is changing rapidly. The explosive growth of the Web has brought multilingual text into the reach of nearly everyone with a computer. We live in a soup of information, an increasingly multilingual bouillabaisse. And to partake of this soup, we can use MT systems together with more and more tools and language processing technologies|information retrieval engines, automated text summarizers, and multimodal and multilingual displays. Though some of them may still be rather experimental, and though they may not quite fit together well yet, it is clear that the future will offer text manipulation systems that contain all these functions, seamlessly interconnected in various ways.

We welcome you to the Second International Conference on E-commerce and Web Technology (ECWEB 2001) held in conjunction with DEXA 2001 in Munich, Germany. This conference, now in its second year, is a forum to bring together researchers from academia and commercial developers from industry to discuss the state of the art in E-commerce and web technology and explore new ideas. We thank you all for coming to Munich to participate and debate the new emerging advances in this area. The research presentation and discussion during the conference will help to exchange new ideas among the researchers, developers, and practitioners. The conference program consists of an invited talk by Hannes Werthner, University of Trento, Italy, as well as the technical sessions. The regular sessions cover topics from XML Transformations and Web Development to User Behavior and Case Studies. The workshop has attracted more than 80 papers and each paper has been reviewed by at least 3 program committee members for its merit. The program committee have selected 31 papers for presentation. We would like to express our thanks to the people who helped put together the technical program: the program committee members and external reviewers for their timely and rigorous reviews of the papers, the DEXA organizing committee for their help in administrative work and support, and special thanks to Gabriela Wagner for always responding promptly.

This book on fintechs shows an international comparison on a global level. It is the first book where 10 years of financing rounds for fintechs have been analyzed for 10 different fintech segments. It is the first book to show the Canvas business model for fintechs. Professionals and students get a global understanding of fintechs. The case examples in the book cover Europe, the U.S. and China. About the author: Matthias Fischer is professor of finance and banking at the Institute of Technology Nuremberg Georg-Simon-Ohm in Germany. His research has focused on strategy and M&A in the banking sector, value-based management, robo-advisory and fintechs. Dr. Fischer also serves as a member of the Groupe de Recherche en Management at the IAE Nice Graduate School of Management, Université Côte d'Azur in France. He is internationally active as a strategy and financial advisor. Reviews of the book: FinTech is not the next 'big thing.' It is the big thing now! FinTech is the new business model for the global financial sector, offering clear and enormous potential for vast economies of scale and scope, massive cost savings and efficiency gains, significant risk reduction, and opening the door to banking for literally billions of currently unbanked people. Professor Fischer has done a masterful job of expertly and informatively taking us through all aspects of the revolutionary new FinTech business models. Using state-of-the-art research techniques, he insightfully shows us how FinTech firms are financed and how they aspire to create value. His in-depth case studies unlock the keys to success in the FinTech sector. His fascinating book is a 'must read' for all financial professionals. Dr. Stephen Morrell, Professor of Economics and Finance, Andreas School of Business, Barry University, Miami, USA Matthias Fischer's latest book offers a comprehensive overview of Fintech business models around the

world. With a very pedagogical approach, and in a particularly fluid style, the author takes us into the strategic logics of these new entrants to finance, who are carriers of innovation and sometimes of disruption, and whose strategies are focused on the need to always meet the emerging expectations of their customers. This precise and well-documented analysis should enable banks to reposition themselves in their ecosystem by studying these new business models, which will enable them to boost their growth. Professor Dr. Nadine Tournois, Dean of IAE Nice Graduate School of Management, Université Côte d'Azur, France, Chevalier de la Légion d'honneur Fintech Business Models is a must-have book to understand the rapid and intense changes occurring in the financial sector. New technologies have allowed the birth of new financial species, such as Fintech, more adapted to the new digital economy. The content dedicated to the application of blockchain technology helps to understand its opportunities in the financial sector, not only in the means of payment and cryptoactives, but also in how blockchain can make multiple internal processes improve, allowing to optimize the management, efficiency and even security of operations. Without any doubt, this book offers an extraordinary vision of how the fintech sector has become a catalyst for change in banking in the context of the current Digital Society. Phd. Ricardo Palomo, Full Professor of Finance, Deputy Chancellor for Digital Transformation at Universidad CEU San Pablo, Madrid, Spain and member of the Board of Alastria Blockchain Ecosystem This book provides a detailed and original overview of the most important fintech business models in the major global markets. Through a savvy use of the well-known Business Model Canvas methodology, the author explores the unique ecosystem, business model's components, and sources of competitive advantage of successful fintech firms. The book, in particular, offers an insightful and comprehensive analysis of the winning and losing strategies and performances of fintech firms by segment of activity such as, instant digital payments, crowd-funding, robo-advisory, alternative finance, credit & factoring, social trading, personal finance management, blockchain and cryptocurrencies. It is indeed a very unique and valuable study on the fintech industry, its trends, and its emerging business models. Prof. Ivo Pezzuto, The International School of Management, Paris, France and Adjunct Professor of International Business and Strategic Management Università Cattolica del Sacro Cuore, Department of Business Management, Milan, Italy The emergence of fintechs is one of the most relevant drivers of change in the financial services industry. The book presented here delivers an impressive overview of fintechs' activity areas, business models and funding patterns. The book reflects the state of the art of the current fintech world. Prof. Dr. Jürgen Moormann, Professor of Bank and Process Management at Frankfurt School of Finance & Management, Germany

China's massive, globe-spanning Belt and Road Initiative (BRI) seeks to build everything from railways, ports, and power plants to telecommunications infrastructure and fiber-optic cables. Chinese President Xi Jinping's signature foreign policy endeavor, BRI has the potential to meet developing countries' needs and spur economic growth, but its implementation creates risks that outweigh its benefits. Unless the United States offers an effective alternative, China could reorient global trade networks, set technical standards that would disadvantage non-Chinese companies, lock countries into carbon-intensive power generation, increase its political influence over countries, and acquire power projection capabilities for its military. The COVID-19 pandemic has made a U.S. response more urgent as the global economic contraction has accelerated the reckoning with BRI-related debt. China's Belt and Road: Implications for the United States proposes that the United States respond to BRI by putting forward an affirmative agenda of its own, drawing on its strengths and coordinating with allies and partners to promote sustainable, secure, and green development.

This first overview of mass spectrometry-based pharmaceutical analysis is the key to improved high-throughput drug screening, rational drug design and analysis of multiple ligand-target interactions. The ready reference opens with a general introduction to the use of mass spectrometry in pharmaceutical screening, followed by a detailed description of recently developed analytical systems for use in the pharmaceutical laboratory. Applications range from simple binding assays to complex screens of biological activity and systems containing multiple targets or ligands -- all highly relevant techniques in the early stages in drug discovery, from target characterization to hit and lead finding.

This classic of esoterica, written by the field's foremost scholar, employs colorful, little-known anecdotes and historical accounts to explore witchcraft, sorcery, necromancy, damnation, Satanism, and every variety of magic.

"Many interesting developments have occurred in the world of venture capital since the publication of the first edition of this book in 2006, which prompted us to revise the book for the second edition. While the organization of the book remains unchanged, many of the chapters are substantially rewritten. For example, in Chapter 5, we re-ranked top VC firms, incorporating the latest performance statistics, fundraising and investment activities, notable exits, and (as always) our subjective opinions. In Chapter 6, we examine further evidence of the deepening globalization of the industry. In Chapters 3, 4, and 7, we analyze the impact of the 1999-2000 Internet bubble years on the VC risk and returns, as investments made in those years are finally mature and thus now a part of the performance evaluation analysis. We also incorporated expositional improvements throughout the book based on reader feedback on the first edition. Another feature of the new edition is that the VCV model, used extensively in Part III of the book, is now available as a Web-based application available on <http://VCVtools.com>. Significant collaborative efforts went into developing this tool, which we believe will be of interest to a broad audience, including practitioners interested in valuing VC-backed company stocks and employee stock options"

Class-tested and coherent, this textbook teaches classical and web information retrieval, including web search and the related areas of text classification and text clustering from basic concepts. It gives an up-to-date treatment of all aspects of the design and implementation of systems for gathering, indexing, and searching documents; methods for evaluating systems; and an introduction to the use of machine learning methods on text collections. All the important ideas are explained using examples and figures, making it perfect for introductory courses in information retrieval for advanced undergraduates and graduate students in computer science. Based on feedback from extensive classroom

experience, the book has been carefully structured in order to make teaching more natural and effective. Slides and additional exercises (with solutions for lecturers) are also available through the book's supporting website to help course instructors prepare their lectures.

ALERT: Before you purchase, check with your instructor or review your course syllabus to ensure that you select the correct ISBN. Several versions of Pearson's MyLab & Mastering products exist for each title, including customized versions for individual schools, and registrations are not transferable. In addition, you may need a CourseID, provided by your instructor, to register for and use Pearson's MyLab & Mastering products. Packages Access codes for Pearson's MyLab & Mastering products may not be included when purchasing or renting from companies other than Pearson; check with the seller before completing your purchase. Used or rental books If you rent or purchase a used book with an access code, the access code may have been redeemed previously and you may have to purchase a new access code. Access codes that are purchased from sellers other than Pearson carry a higher risk of being either the wrong ISBN or a previously redeemed code. Check with the seller prior to purchase. -- A fresh, contemporary, active introduction to information systems Introduction to Information Systems provides invaluable help for learning the knowledge and skills related to information systems. In it, students see clearly what information systems are all about and why they are so fundamental to business and society. MyMISLab for Introduction to Information Systems creates learning experiences that are truly personalized and continuously adaptive. MyMISLab reacts to how students are actually performing, offering data-driven guidance that helps them better absorb course material and understand difficult concepts—resulting in better performance in the course Packed with revelations about business strategies, technology trends and innovations—plus tips to help students work smarter, and more efficiently— Introduction to Information Systems provides a better teaching and learning experience—for you and your students. Here's how: Personalize learning through the interactive, online role-playing simulations in MyMISLab™: Students get opportunities to apply their knowledge and actually experience what each chapter is about, rather than simply memorizing key terms and concepts. A focus on reaching all students, recognizing changing student roles, and showing clearly where the knowledge of information systems skills can take them. Helping students see beyond today's classrooms and into today's varied world. End-of-book comprehensive case studies show students the concepts in action. This package contains: 0133571750 / 9780133571752 Introduction to Information Systems, 2e 0133753506 / 9780133753509 NEW MyMISLab with Pearson eText - Access Card - for Introduction to Information Systems, 2e This book is a printed edition of the Special Issue "Magnesium Intake and Human Health" that was published in Nutrients

A book that provides a treatment of microeconomic theory that stresses the relevance and application to managerial and public policy decision making.

TCP/IP Illustrated, Volume 1, Second Edition, is a detailed and visual guide to today's TCP/IP protocol suite. Fully updated for the newest innovations, it demonstrates each protocol in action through realistic examples from modern Linux, Windows, and Mac OS environments. There's no better way to discover why TCP/IP works as it does, how it reacts to common conditions, and how to apply it in your own applications and networks. Building on the late W. Richard Stevens' classic first edition, author Kevin R. Fall adds his cutting-edge experience as a leader in TCP/IP protocol research, updating the book to fully reflect the latest protocols and best practices.

Information society projects promise wealth and better services to those countries which digitise and encourage the consumer and citizen to participate. As paper recedes into the background and digital data becomes the primary resource in the information society, what does this mean for privacy? Can there be privacy when every communication made through ever-developing ubiquitous devices is recorded? Data protection legislation developed as a reply to large scale centralised databases which contained incorrect data and where data controllers denied access and refused to remedy information flaws. Some decades later the technical world is very different one, and whilst data protection remains important, the cries for more privacy-oriented regulation in commerce and eGov continue to rise. What factors should underpin the creation of new means of regulation? The papers in this collection have been drawn together to develop the positive and negative effects upon the information society which privacy regulation implies.

This book constitutes the thoroughly refereed post-workshop proceedings of the 4th International Symposium, SETE 2019, held in conjunction with ICWL 2019, in Magdeburg, Germany, in September 2019. The 10 full and 6 short papers presented together with 24 papers from 5 workshops were carefully reviewed and selected from 34 submissions. The papers cover the latest findings in various areas, such as: virtual reality and game-based learning; learning analytics; K-12 education; language learning; design, model and implementation of e-learning platforms and tools; digitalization and industry 4.0; pedagogical issues, practice and experience sharing.

This well-received book is a market leader in the field of Microeconomics, and demonstrates how microeconomics can be used as a tool for both managerial and public-policy decision making. Clear writing style and graphs compliment the integrated use of current, real world industry examples throughout the book. It emphasizes relevance and application to cover modern topics—such as Game Theory and economics of information—and examples—such as United States v. Microsoft, pricing cellular phone service, and Internet auctions. Coverage of other up-to-date issues includes supply and demand, cost, consumer behavior, individual and market demand, market failure, and the role of government. For individuals with an interest in economics, microeconomic theory, and price theory.

Empowering the New Mobility Workforce: Educating, Training, and Inspiring Future Transportation Professionals enlists a multidisciplinary roster of subject matter specialists who identify the priorities and strategies for cultivating a skilled workforce for the rapidly changing transportation landscape. Transportation employers will need to hire 4.6 million workers—1.2 times the current transportation workforce—in the next decade. The book explores how leaders in education, industry and government can work together to create an ecosystem that facilitates learning and upskilling for emerging and incumbent transportation workers. Readers will learn how to conduct labor market analyses and develop competency models to adapt their workforce. This book will empower readers to establish ongoing communities of practice that cultivate sustainable career pathways that respond to ever-evolving socioeconomic trends and transformational

technologies. Provides a comprehensive assessment of the new technologies and consumer attitudes driving change in personal vehicle, mass transit, active transportation, and goods movement, both domestically and internationally Identifies the career pathways, experiential learning models, and types of curriculum needed to prepare emerging professionals to develop and operate transportation systems of the future Emphasizes, through case studies, innovative practices emerging in public- and private-sector transportation organizations Draws on key work conducted in the United States and around the world, acknowledging the increasing interconnectedness of transportation systems between countries, economies and social networks that transcend national boundaries

Discover the delightfully heartwarming and life-affirming bestseller about one man's unlikely journey through love 'I couldn't put this book down. It's one of the most quirky and endearing romances I've ever read. I laughed the whole way through' SOPHIE KINSELLA, bestselling author of The Shopaholic series Perfect for fans of Eleanor Oliphant is Completely Fine, Still Me and Three Things About Elsie. _____ Don Tillman has got his love life planned out. He knows exactly who he wants, but is it who he needs? Love isn't an exact science - but no one told Don Tillman. A thirty-nine-year-old geneticist, Don's never had a second date. So he devises the Wife Project, a scientific test to find the perfect partner. Enter Rosie - 'the world's most incompatible woman' - throwing Don's safe, ordered life into chaos. But what is this unsettling, alien emotion he's feeling? . . . If you loved The Rosie Project, find out what Don did next in The Rosie Effect and The Rosie Result! _____ 'All three of the Rosie novels made me laugh out loud. Ultimately the story is about getting inside the mind and heart of someone a lot of people see as odd, and discovering that he isn't really that different from anybody else' Bill Gates, 2020 Summer Books 'Adorable' Marian Keyes 'Marvellous' John Boyne 'A sweet, funny rom-com . . . You'll be willing Don and Rosie on every step of the way' Marie Claire 'Hilarious, unlikely and heartbreaking' Easy Living 'Original, clever and perfectly written' Jill Mansell

The volume presents high quality research papers presented at Second International Conference on Information and Communication Technology for Intelligent Systems (ICICC 2017). The conference was held during 2–4 August 2017, Pune, India and organized communally by Dr. Vishwanath Karad MIT World Peace University, Pune, India at MIT College of Engineering, Pune and supported by All India Council for Technical Education (AICTE) and Council of Scientific and Industrial Research (CSIR). The volume contains research papers focused on ICT for intelligent computation, communications and audio, and video data processing.

Why do we need more questionnaires to measure aspects of spirituality/religiosity when we already have so many well-tried instruments in use? One answer is that research in this field is growing and that new research questions continuously do arise. Several of these new questions cannot be easily answered with the instruments designed for previous questions. The field is expanding and, consequently, the research topics. Meanwhile several multidimensional instruments were developed which cover existential, prosocial, religious and non-religious forms of spirituality, hope, peace and trust—and several more. The 'disadvantage' of these instruments is the fact that some are conceptually broad and often rather unspecific, but they might be suited quite well for culturally and spiritually diverse populations when the intention is to compare such diverse groups. This is the reason why more research on new instruments is needed as can be found in this Special Issue, and to stimulate a critical debate about their pros and cons.

This book constitutes the proceedings of the 21st International Conference on Technology Enhanced Assessment, TEA 2018, held in Amsterdam, The Netherlands, in December 2018. The 14 papers presented were carefully selected from 34 submissions. They are centered around topics like e-learning, computer-assisted instruction, interactive learning environments, collaborative learning, computing education, student assessment.

Content analysis is one of the most important but complex research methodologies in the social sciences. In this thoroughly updated Second Edition of The Content Analysis Guidebook, author Kimberly Neuendorf provides an accessible core text for upper-level undergraduates and graduate students across the social sciences. Comprising step-by-step instructions and practical advice, this text unravels the complicated aspects of content analysis.

Appropriate for a first course on computer networking, this textbook describes the architecture and function of the application, transport, network, and link layers of the internet protocol stack, then examines audio and video networking applications, the underpinnings of encryption and network security, and the key issues of network management. Th For one-semester courses in applied calculus. Anticipating and meeting student needs Calculus and Its Applications, Eleventh Edition, remains a best-selling text because of its accessible presentation that anticipates student needs. The writing style is ideal for today's students, providing intuitive explanations that work with the carefully crafted artwork to help them visualize new calculus concepts. Additionally, the text's numerous and up-to-date applications from business, economics, life sciences, and social sciences help motivate students. Algebra diagnostic and review material is available for those who need to strengthen basic skills. Every aspect of this revision is designed to motivate and help students to more readily understand and apply the mathematics. MyMathLab not included. Students, if MyMathLab is a recommended/mandatory component of the course, please ask your instructor for the correct ISBN and course ID. MyMathLab should only be purchased when required by an instructor. Instructors, contact your Pearson representative for more information. MyMathLab is an online homework, tutorial, and assessment product designed to personalize learning and improve results. With a wide range of interactive, engaging, and assignable activities, students are encouraged to actively learn and retain tough course concepts.

Although the theme of the monograph is primarily related to "Applied Econometrics", there are several theoretical contributions that are associated with empirical examples, or directions in which the novel theoretical ideas might be applied. The monograph is associated with significant and novel contributions in theoretical and applied econometrics; economics; theoretical and applied financial econometrics; quantitative finance; risk; financial modeling; portfolio management; optimal hedging strategies; theoretical and applied statistics; applied time series analysis; forecasting; applied mathematics; energy economics; energy finance; tourism research; tourism finance; agricultural economics; informatics; data mining; bibliometrics; and international rankings of journals and academics.

Traditional valuation approaches are increasingly recognised as being insufficient to address the wicked valuation problems of the diverse peoples and groups that inhabit the

globe from north, south, east to west. This book demonstrates the limitations of science and, in particular economics, as the foundation on which valuations are traditionally based. It demonstrates the importance of and provides justification for the personal, cultural values and norms which underpin our assessment of "value", and the fact that these vary across the world. In *Wicked Valuations* Michael McDermott develops a means of engaging with highly complex valuation problems. His autoethnography provides a lens to draw on knowledge and experience from his 40 years in land valuation in Africa and the Asia-Pacific, while documentary analysis is used to draw in the views of other valuation practitioners and scholars who are becoming increasingly aware of the need to develop ways to adapt land valuation processes to the complexity of our contemporary landscapes.

This book constitutes the refereed proceedings of the 20th International Conference on Product-Focused Software Process Improvement, PROFES 2019, held in Barcelona, Spain, in November 2019. The 24 revised full papers 4 industry papers, and 11 short papers presented were carefully reviewed and selected from 104 submissions. The papers cover a broad range of topics related to professional software development and process improvement driven by product and service quality needs. They are organized in topical sections on testing, software development, technical debt, estimations, continuous delivery, agile, project management, microservices, and continuous experimentation. This book also includes papers from the co-located events: 10 project papers, 8 workshop papers, and 4 tutorial summaries.

[Copyright: b293bbdb310997204729caebf7a0665d](https://doi.org/10.1007/978-3-030-20472-9)