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National studies have demonstrated their inability to correctly understand global phenomena, and the way in which they affect societies. This chronologically ambitious book investigates methodological and theoretical issues from Roman times to the present, in terms of globalization. In this context, one of the most relevant parameters of change emerges: the itinerancy of culture and knowledge. Therefore, this volume argues that itinerant agents carry with them cultural baggage, transporting and transmitting it to other spaces. In this way, interconnection begins, producing active changes in global history and visual culture. Contributions to this book focus on comparative studies, the evolution of global phenomena, historical processes in their diachrony, regional studies, changing economies, cultural continuities, and methodological questions on globalization, among others. In addition, the book opens with a contribution from Professor Peter Burke.

This conference proceeding contains papers presented at the 6th International Conference on Machinery, Materials Science and Engineering Applications (MMSE 2016), held 28-30 October, 2016 in Wuhan, China. The conference proceeding contributions cover a large number of topics, both theoretical and applied, including Material science, Electrical Engineering and Automation Control, Electronic Engineering, Applied Mechanics, Mechanical Engineering, Aerospace Science and Technology, Computer Science and Information technology and other related engineering topics. MMSE provides a perfect platform for scientists and engineering researchers to exchange ideas, build cooperative relationships and discuss the latest scientific achievements. MMSE will be of interest for academics and professionals working in a wide range of industrial, governmental and academic sectors, including Material Science, Electrical and Electronic Engineering, Information Technology and Telecommunications, Civil Engineering, Energy Production, Manufacturing, Mechanical Engineering, Nuclear Engineering, Transportation and Aerospace Science and Technology.

Includes entries for maps and atlases.

Advances in mobile computing have provided numerous innovations that make people's daily lives easier and more convenient. However, as technology becomes more ubiquitous, corresponding risks increase as well. *Managing Security Issues and the Hidden Dangers of Wearable Technologies* examines the positive and negative ramifications of emerging wearable devices and their potential threats to individuals, as well as organizations. Highlighting socio-ethical issues, policy implementation, and appropriate usage, this book is a pivotal reference source for professionals, policy makers, academics, managers, and students interested in the security and privacy implications of wearable digital devices.

There are numerous trends taking place around the world and especially in the U.S. with implications for organizations, the workplace, leaders, and supporting organizations like Human Resources. This perfect human capital storm addresses these very important and relevant issues in a succinct fashion.

The book, the tenth volume in the series of yearbooks by the Association of Mathematics Educators in Singapore, comprises 14 chapters written by renowned researchers in mathematics education. The chapters offer mathematics teachers a cache of teaching ideas and resources for classroom instruction. Readers will find various task design principles, examples of mathematical tasks used in classrooms and teaching approaches to implement the tasks. Through these discussions, readers are invited to reflect and rethink their beliefs about mathematics teaching and learning in the 21st century, and reexamine the tasks and activities that they use in the classroom, in order to bring about positive impact on students' learning of mathematics. This book contributes towards literature in the field of mathematics education, specifically on mathematics instruction and the design of mathematical tasks and activities. Contents: Tasks and Activities in the Mathematics Classroom (Boon Liang CHUA and Pee Choon TOH) From Task to Activity: Noticing Affordances, Design, and Orchestration (CHOY Ban Heng) Affordances of Typical Problems (Jaguthsing DINDYAL) Mathematical Tasks Enacted by Two Competent Teachers to Facilitate the Learning of Vectors by Grade Ten Students (Berinderjeet KAUR, Lai Fong WONG and Chong Kiat CHEW) Use of Comics and Its Adaptation in the Mathematics Classroom (TOH Tin Lam, CHAN Chun Ming Eric, CHENG Lu Pien, LIM Kam Ming and LIM Lee Hean) Designing and Implementing Scientific Calculator Tasks and Activities (Barry KISSANE) Engaging the Hearts of Mathematics Learners (Joseph B W YEO) Developing Interaction Toward the Goal of the Lesson in a Primary Mathematics Classroom (Keiko HINO) Designing and Implementing Activities in the Flipped Classroom in the Singapore Primary Mathematics Classroom (CHENG Lu Pien, NG Swee Fong, TAN Bee Kian Jasmine Susie and NG Ee Noch) Designing Mathematical Modelling Activities for the Primary Mathematics Classroom (Chun Ming Eric CHAN, Rashidah VAPUMARICAN and Huanjia Tracy LIU) Extending d104book Exercises into Short Open-Ended Tasks for Primary Mathematics Classroom Instruction (YEO Kai Kow Joseph) Integrating Problem Posing into Mathematical Problem Solving: An Experimental Study (JIANG Chunlian and CHUA Boon Liang) A Vicennial Walk Through 'A' Level Mathematics in Singapore: Reflecting on the Curriculum Leadership Role of the JC Mathematics Teacher (Weng Kin HO and Christina RATNAM-LIM) Probability: Theory and Teaching (YAP Von Bing) Readership: Graduate students, researchers, practitioners and teachers in mathematics. Keywords: Mathematics;Instruction;Task Design;Singapore;Teachers;InstructionReview: Key Features: Firstly it has a focused theme: Mathematics instruction and task design, which is of prime concern to mathematics educators Secondly it is written by university scholars who work closely with classroom mathematics teachers thereby drawing on their research knowledge and classroom experiences Lastly, the book is rich resource, of tried and tested practical know-how of approaches that promote mathematics learning, for mathematics educators in Singapore schools and elsewhere

-2000+ Questions Based on Latest Pattern with detailed Solutions -Covers all the types of DI such as Table| Pie | Bar | Line | Caselet |Radar -Includes Arithmetic Based & Missing DI asked in IBPS/SBI Mains Examinations -Includes Previous year questions asked in SBI Po mains 2018, IBPS PO mains 2018 and other exams. -Essential for both Prelims and Mains exams A Complete Book on Data Interpretation and Analysis eBook' is an effort to assist all the government job aspirants with a comprehensive, reliable and satisfactory source of offline practice materials to improve their proficiency in Quantitative Aptitude. This ebook is a unique approach towards fulfilling the needs of our dedicated aspirants who wish to clear any obstacle with ease. We should never be confined by the limits of our brain and this eBook which is thoroughly revised and covers every crucial aspect of all the Banking and Insurance examinations assures you that it will help you in transcending your limits. The ebook comprises more than 300 DIs which include 2000+ Questions covering all the patterns and topics that the IBPS, SBI and other banking exams have been surprising us with for last few years. The ebook is elegantly divided into different chapters namely Table, Bar Graph, Line Graph, Pie Graph, Mixed Graph, Arithmetic and Caselets. Each chapter is further categorized into four parts – Solved Examples, Previous years' exercises, Level 1 exercise (Basic to Moderate) and Level 2 exercise (Advance). There are new methods and approach to solving the latest pattern questions within a short time limit. Detailed solutions are provided to every question for better CONCEPTUAL

learning. In the second edition, we have includes more than 500 Questions based on latest pattern and questions asked in recent exams like SBI PO 2018, IBPS PO 2018, RRB PO 2018 and other exams. The questions are duly framed and prepared by our best faculties in this field. While preparing, all the necessities including minute details have been taken care of. The questions are preferably selected based on their quality, inculcating different levels and types that are being asked in the banking and insurance examinations. The ebook will be extremely helpful in preparing for all the Banking and Insurance examinations like IBPS PO, SBI PO, BANK OF BARODA PO, SYNDICATE BANK PO, RBI ASSISTANT, OICL, UIIC, etc.

In the wake of the attacks of September 11, 2001, the United States launched initiatives that test the limits of international human rights law. The indefinite detention and torture of detainees at Guantánamo Bay, targeted killing, and mass surveillance require an expansion of executive authority that negates the rule of law. In *Permanent State of Emergency*, Ryan Alford establishes that the ongoing failure to address human rights abuses is a symptom of the most serious constitutional crisis in American history. Instead of curbing the increase in executive power, Congress and the courts facilitated the breakdown of the nation's constitutional order and set the stage for presidential supremacy. The presidency, Alford argues, is now more than imperial: it is an elective dictatorship. Providing both an overview and a systematic analysis of the new regime, he objectively demonstrates that it does not meet even the minimum requirements of the rule of law. At this critical juncture in American democracy, *Permanent State of Emergency* alerts the public to the structural transformation of the state and reiterates the importance of the constitutional limits of the American presidency.

Environmental Accounting and Reporting Theory and Practice Springer

The essential guide for the collector of mechanical wristwatches, with complete information on over 1,400 models from some 130 international brands With *Wristwatch Annual*, collectors have at hand a wealth of information on the latest offerings from today's most important watch producers, from Swiss mainstays like Rolex and Patek Philippe to the maverick independent brands springing up across Europe and the U.S. The book is arranged alphabetically by producer, and the movement, functions, case, band, price, and variations of each pictured watch are fully described. This year's edition, like its predecessors, will feature a variety of additional articles on independent watchmaking, key personalities in the watch world, and the technical aspects of horology. An illustrated glossary and a primer on watch care help acclimate the reader to the world of fine timepieces.

Includes bibliography and indexes / subject, personal author, corporate author, title, and media index.

As a self-study guide or for classroom use, this text is designed for students who have math anxiety. The book begins with a nonmathematical introduction to the major statistical concepts.

Once mathematical symbols are introduced, they are carefully explained in words. Numerous fully worked problems with step-by-step solutions are included. Integrated multiple-choice questions make this text ideal for use with clickers in the assessment phase of a flipped classroom environment. Cooperative learning exercises are presented to foster deep levels of cognition, perfect for the latter phase of the flipped classroom. Group projects with peer assessment forms are also included to allow students to experience how statistical inference is used in practice.

Social Work and Social Welfare: An Invitation is a best-selling text and website for introduction to social work courses. It provides students with the knowledge, skills, and values that are essential for working with individuals, families, groups, organizations, communities, and public policy in a variety of practice settings. The new edition calls students to become engaged in some of society's most challenging issues through diverse case studies and an emphasis on global issues. Students will read accounts of real-world social work, such as in Chapter 8 where thirteen social workers share their experiences in twelve different practice settings, including health and mental health, criminal justice, school, public health, and rural settings. Social workers describe working with children and families, immigrants and refugees, military veterans and families, older adults, persons with addictions, and persons with disabilities. This edition also includes new profiles of social workers and one older adult that depict individual journeys, contemporary practice areas, and challenges. The fourth edition of *Social Work and Social Welfare* is in full color, with more visuals and photos throughout. As with previous editions, this book is an up-to-date profile of the world in which today's social workers practice, with current demographic, statistical, legislative, policy, and research information; and sensitive discussions of contemporary ethical issues. The text includes exercises from six interactive cases, including the new case, Brickville. Visit www.routledgesw.com for the detailed cases and companion materials that teach students about social work through practice.

Electric Guitars: The Illustrated Encyclopedia is a tour through pop-music's most celebrated musical instrument. Covering several decades of iconic pieces, this guide describes electric guitars produced by every significant manufacturer from Alembic to Zemaitis. Alongside every model is detailed information and a host of action pictures of key players, from Chet Atkins from Joey Z. 1,200 photographs really bring each guitar to life. With 800 classic, rare and unusual instruments from all major manufacturers in studio-quality photographs, plus illustrations of key players, original ads, and memorabilia, it's easy to get lost within these pages. Comprehensive and informative text with a unique A-to-Z guitar directory covers makers' histories, great guitarists, and musical trends. This is the definitive guide to the electric guitar, written and researched by the world's leading authorities on the instrument that has shaped over 50 years of popular music. In words and pictures, detailed descriptions of just why the electric guitar is the most exciting icon of modern pop music.

"Wizard rock"—music based on the Harry Potter series by J. K. Rowling—is an idiosyncratic subgenre, with band names like Harry and the Potters, Draco and the Malfoys and The Whomping Willows. Drawing on input from insiders and fans, and interviews with more than a dozen wizard rockers, this book explores the history and aesthetics of the movement. An appendix lists dozens of popular bands, members and discographies: a must-have for fandom scholars and wizard rock devotees alike.

This book discusses the foundations of social and environmental accounting and highlights local differences in countries like Italy and Bulgaria. It also describes the institutional environment, which affects the development and application of environmental accounting and reporting, as a basis for evaluating current achievements and the future steps that need to be taken to develop and spread environmental accounting. The book is unique in presenting exemplary cases from different emerging and developed countries. It is a valuable resource for theorists in the field, practitioners in companies, as well as investors and other stakeholders. Moreover, it provides students with the necessary theoretical constructs, empirical studies as well as practical and managerial tools to allow for a quick orientation in the methodology, techniques and selected practices used in environmental accounting and reporting.

Supply Chain Strategy and Financial Metrics is a step-by-step guide to balancing the triangle of service, cost and cash which is the essence of supply chain management. Supply chains have become increasingly strategy-driven, and this Supply Chain Triangle approach puts the supply chain at the heart of the strategy discussion instead of seeing it as a result. Supply Chain Strategy and Financial Metrics fully reflects the 'inventory' or 'working capital' angle and examines the optimisation of the supply chain and Return on Capital Employed. Including case studies of Barco, Casio and a selection of food retail companies, this book covers building a strategy-driven KPI dashboard, target setting and financial benchmarking. Regular examples and diagrams illustrate how different types of strategies lead to different trade-offs in the Supply Chain Triangle. This ground-breaking text links supply chain, strategy and finance through financial metrics, therefore creating value for the shareholder. Online supporting resources include worksheets covering basic financial concepts such as cash flow and working capital, with example data sets and guidelines/exercises to make it interactive.

Read this book and the world's most famous image will never look the same again. For the world's greatest cultural icon still has secrets to reveal - not the silly secrets that the 'Leonardo loonies' continue to advance, but previously unknown facts about the lives of Leonardo, his father, Lisa Gherardini, the subject of the portrait, and her husband Francesco del Giocondo. From this factual beginning we see how the painting metamorphosed into a 'universal picture' that became the prime vehicle for Leonardo's prodigious knowledge of the human and natural worlds. We learn about the new money of the ambitious merchant who married into the old gentry of Lisa's family. We discover Lisa's life as a wife and mother, her association with sexual scandals, and her later life in a convent. We meet, for the first time, previously undiscovered members of Leonardo's immediate family and discover new information about his early life. The tiny hill town of Vinci is placed before us, with its widespread poverty. We find out about the career and possessions of his father, a notable lawyer in Florence. The meaning of the portrait that resulted from these human circumstances is vividly illuminated through Renaissance love poetry and verses specifically dedicated to Leonardo. We come to understand how Leonardo's sciences of optics, psychology, anatomy and geology are embraced in his poetic science of art. Recent scientific examinations of the painting disclose how it evolved to assume its present appearance in Leonardo's experimental hands. Above all, we cut through the suppositions and the myths to show that the portrait is a product of real people in a real place at a real time. This is the book that brings back a sense of reality into the creation of the portrait of Lisa del Giocondo. And the actual Mona Lisa, it turns out, is even more astonishing and transcendent than the Mona Lisa of legend.

The Retail Market Study 2015 of The Location Group is the one and only study of its kind worldwide. The focus of the Retail Bible are the 150 of the most notable international cities of the fashion and retail world and more than 3'000 store openings on 1,670 pages. Over 1,300 retailers, 800 shopping streets and 500 shopping centers were analyzed. The study reached more than 250,000 readers worldwide so far.

This book focuses on optical wireless communications (OWC), an emerging technology with huge potential for the provision of pervasive and reliable next-generation communications networks. It shows how the development of novel and efficient wireless technologies can contribute to a range of transmission links essential for the heterogeneous networks of the future to support various communications services and traffic patterns with ever-increasing demands for higher data-transfer rates. The book starts with a chapter reviewing the OWC field, which explains different sub-technologies (visible-light, ultraviolet (UV) and infrared (IR) communications) and introduces the spectrum of application areas (indoor, vehicular, terrestrial, underwater, intersatellite, deep space, etc.). This provides readers with the necessary background information to understand the specialist material in the main body of the book, which is in four parts. The first of these deals with propagation modelling and channel characterization of OWC channels at different spectral bands and with different applications. The second starts by providing a unified information-theoretic treatment of OWC and then discusses advanced physical-layer methodologies (including, but not limited to: advanced coding, modulation diversity, cooperation and multi-carrier techniques) and the ultimate limitations imposed by practical constraints. On top of the physical layer come the upper-layer protocols and cross-layer designs that are the subject of the third part of the book. The last part of the book features a chapter-by-chapter assessment of selected OWC applications. Optical Wireless Communications is a valuable reference guide for academic researchers and practitioners concerned with the future development of the world's communication networks. It succinctly but comprehensively presents the latest advances in the field.

This new book focuses on eco-friendly nanohybrid. It clearly summarizes the fundamentals and established techniques of synthesis and processing of eco-friendly nanohybrid materials to provide a systematic and coherent picture of synthesis and the processing of nanomaterials. The research on nanotechnology is evolving and expanding very rapidly. Nanotechnology represents an emerging technology that has the potential to have an impact on an incredibly wide number of industries, such as the medical, environmental, and pharmaceutical industries. There is a growing need to develop environmentally friendly processes for corrosion control that do not employ toxic chemicals. This book helps to fill this need. This volume is a comprehensive compilation of several trending research topics, such as fouling, energy-storing devices, water treatment, corrosion, biomaterials, and high performance materials. The topics are approached in an encompassing manner, covering the basics and the recent trends in this area, clearly defining the problems and suggesting potential solutions. Topics in the book include: Synthesis of complex polymer intermediates Synthesis of nanoparticles and nanofibers Binding interaction between nano- and micromaterials Fabrication of polymer nanocomposites Making of functionally terminated nanohybrid coatings Development of corrosion resistant coatings Antifouling coatings Bioceramic materials Materials for therapeutic and aesthetic applications Eco-Friendly Nano-Hybrid Materials for Advanced Engineering Applications will benefit a wide variety of those in this field, including: Shipping and coating industries encountering fouling problems Innovators in the field of energy storage and electrical equipment Developers of efficient water treatment systems Biomedical industries looking for novel bio-compatible materials Industries seeking high performance epoxy-based materials needed for specific applications

"A clear and crisply written account of machine intelligence, big data and the sharing economy. But McAfee and Brynjolfsson also wisely acknowledge the limitations of their

