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Car Safety Wars is a concise history of the hundred-year struggle for safer cars and highways, involving at least six presidents, reluctant congresses, a fiercely resisting automobile industry, unsung heroes, and GM detectives.

This book constitutes the refereed proceedings of the 13th International Conference on Interactive Digital Storytelling, ICIDS 2020, held in Bournemouth, UK, in November 2020. The 15 full papers and 8 short papers presented together with 5 posters, were carefully reviewed and selected from 70 submissions. The conference offers topics in game narrative and interactive storytelling, including the theoretical, technological, and applied design practices, narrative systems, storytelling technology, and humanities-inspired theoretical inquiry, empirical research and artistic expression.

Relying on previously undisclosed confessions of former mafia members now cooperating with the police, Letizia Paoli provides a clinically accurate portrait of mafia behavior, motivations, and structure in Italy. The mafia, Paoli demonstrates, are essentially multifunctional ritual brotherhoods focused above all on retaining and consolidating their local political power base. A truly interdisciplinary work of history, politics, economics, and sociology, Mafia Brotherhoods reveals in dramatic detail the true face of one of the world's most mythologized criminal organizations. What do we know about the urban impoverished areas of the world and the living environment of its inhabitants? How did the urban poor cope with their surroundings? How did they interpret and adopt urban space in order to fight against their position at the periphery of society? This volume takes up these questions and investigates how far approaches of cultural sciences can contribute to overcome the »exoticization of the ghetto« (Loïc Wacquant) and instead to look at the heterogeneity and individuality behind the facades. It opens new perspectives for the research of poverty and inequalities that do not stop at collective categories.

The book is concerned with narrative in digital media that changes according to user input—Interactive Digital Narrative (IDN). It provides a broad overview of current issues and future directions in this multi-disciplinary field that includes humanities-based and computational perspectives. It assembles the voices of leading researchers and practitioners like Janet Murray, Marie-Laure Ryan, Scott Rettberg and Martin Rieser. In three sections, it covers history, theoretical perspectives and varieties of practice including narrative game design, with a special focus on changes in the power relationship between audience and author enabled by interactivity. After discussing the historical development of diverse forms, the book presents theoretical standpoints including a semiotic perspective, a proposal for a specific theoretical framework and an inquiry into the role of artificial intelligence. Finally, it analyses varieties of current practice from digital poetry to location-based applications, artistic experiments and expanded remakes of older narrative game titles.

Annotation New edition of a reference that presents the values of properties typical for the most common alloy processing conditions, thus providing a starting point in the search for a suitable material that will allow, with proper use, all the necessary design limitations to be met (strength, toughness, corrosion resistance and electronic properties, etc.) The data is arranged alphabetically and contains information on the manufacturer, the properties of the alloy, and in some cases its use. The volume includes 32 tables that present such information as densities, chemical elements and symbols, physical constants, conversion factors, specification requirements, and compositions of various alloys and metals. Also contains a section on manufacturer listings with contact information. Edited by Frick, a professional engineering consultant. Annotation c. Book News, Inc., Portland, OR (booknews.com).

This comprehensive book is for all nurses and other health professionals involved in the care of people with breast cancer and covers all aspects of the subject. It gives sound evidence-based information and advice on the nursing care for each stage of the patient's journey. Each chapter is written by an expert in the field and topics include the anatomy of the breast, all available treatments, complementary therapies, the psychological care of both patients and their families, and the role of the specialist nurse. With breast cancer increasing as the population ages, this book provides a well-balanced approach to all aspects of managing malignancy. The importance of writing from a nursing perspective is underlined so that the essence of support and bedside care is not missed.

This open access book presents a qualitative longitudinal panel-study on child and adolescent socialisation in socially disadvantaged families. The study traces how children and their parents make sense of media within the context of their everyday life over twelve years (from 2005 to 2017) and provides a unique perspective on the role of different socialisation contexts, drawing on rich data from a broad range of qualitative methods. Using a theoretical framework and methodological approach that can be applied transnationally, it sheds light on the complex interplay of factors which shape children's socialisation and media usage in multiple ways. .

Are MOOCs a catalyst for reimagining education, a sign of the increased corporatization of the education sector, or merely a well-publicized but passing trend? Massive Open Online Courses shares insights from multiple stakeholders on what MOOCs are now and could eventually become, providing those in higher education as well as K-12, military, government, and corporate training with an authoritative source on a wide range of key issues surrounding MOOCs. MOOCs, or Massive Open Online Courses, are a disruptive technology currently forcing a serious reconceptualization of accreditation, assessment, motivation and retention, technology-based instruction, and the overall student experience. In this timely volume, Paul Kim brings together experts from higher education, business, law, learning analytics and other relevant areas to provide an evenhanded, research-based positioning of MOOCs within the existing educational technology landscape and a base for understanding whether they could reshape the future of education.

"The report is based on a survey of more than 70,000 people in 36 markets, along with additional qualitative research, which together make it the most comprehensive ongoing comparative study of news consumption in the world." --Page 4.

An eighteenth-century physician describes the methods in which a wild, deaf-mute child was transformed intellectually and emotionally

This book details formulae-based, time-economic, and innovative learning techniques in chemistry, which serve to help students grow an interest in chemistry, and memorise specific aspects of the subject. It highlights the limitations of conventional methods and solves them in innovative ways. The volume also provides different chemical applications and problems, which will encourage students to solve multiple choice-type questions (MCQs), and highlights some attractive, free educational chemistry tools, which can be used in solving a number of different problems.

* "Villanueva's debut is a beautiful #ownvoices middle-grade novel. Tough topics are addressed, but warmth and humor... bring lightness to Sab's story. This immersive novel bursts with life." -- Kirkus Reviews, starred review

Dietary fibre research is rapidly evolving and is stimulated by the growing attention for intestinal health which is needed for combating major disorders such as diabetes, cardio-vascular diseases and obesity. Current research also explores relationships between fibres, the immune system and stress. The recently agreed EU and CODEX definitions for dietary fibre - including all polymeric carbohydrates not digested in the small intestine - provide both clarity and new challenges regarding adequate analysis and concerning the requirements for added fibre. Added fibre should have 'a physical effect of benefit to health as demonstrated by generally accepted scientific evidence to competent authorities'. Novel research tools from genomics toolboxes and advanced systems simulating the gastro-intestinal tract, are enabling researchers to obtain insights in the wide range of structure function relationships of different types of dietary fibre. These include the impact of dietary fibre on the gut microbiota and relationships between prebiotics and peptides involved in regulation of satiety and other functions. New technologies steadily increase the range of fibres, with and without anti-oxidants and other beneficial co-passengers, which are available to food processors. Dietary fibre - new frontiers for food and health covers the most up-to-date research available on dietary fibre and will be an indispensable tool for all scientists and technologists involved in research and development in this field.

Dynamic SymmetryThe Greek VaseDrug Information HandbookForensic BiologyCRC Press

This second edition of the well-established bestseller is completely updated and revised with approximately 30 % additional material, including two new chapters on applications, which has seen the most significant developments. The comprehensive overview written at an introductory level covers fundamental aspects, principles of instrumentation and practical applications, while providing many valuable tips. For photochemists and photophysicists, physical chemists, molecular physicists, biophysicists, biochemists and biologists, lecturers and students of chemistry, physics, and biology.

(Piano Vocal). This sheet music features an arrangement for piano and voice with guitar chord frames, with the melody presented in the right hand of the piano part as well as in the vocal line.

The best-selling introduction to evidence-based medicine In a clear and engaging style, How to Read a Paper demystifies evidence-based medicine and explains how to critically appraise published research and also put the findings into practice. An ideal introduction to evidence-based medicine, How to Read a Paper explains what to look for in different types of papers and how best to evaluate the literature and then implement the findings in an evidence-based, patient-centred way. Helpful checklist summaries of the key points in each chapter provide a useful framework for applying the principles of evidence-based medicine in everyday practice. This fifth edition has been fully updated with new examples and references to reflect recent developments and current practice. It also includes two new chapters on applying evidence-based medicine with patients and on the common criticisms of evidence-based medicine and responses. How to Read a Paper is a standard text for medical and nursing schools as well as a friendly guide for everyone wanting to teach or learn the basics of evidence-based medicine.

Text in English & French. This book gathers together all the most recent world-wide knowledge in the various fields of research into the Epstein-Barr virus (EBV), from the most fundamental subjects (virology, molecular and cellular biology and immunology) through epidemiology, pathological anatomy, clinical research and therapeutics. Featured in the book are highly original chapters dealing with malignant lymphomas in AIDS patients, detection and prevention in developing countries, formulation of an anti-EBV vaccine. This comprehensive and clearly written book is a valuable and essential tool for all researchers and clinicians.

The expert in strategies for the NCLEX-RN exam now offers the first strategic guide to the NCLEX-PN exam a focused, effective method for preparing for the National Council Licensure Examination for Practical or Vocational Nurses (NCLEX-PN). Each year, there is a continuous increase in the number of test-takers for the NCLEX-PN exam. Kaplan offers the only guide with proven test-taking strategies for this challenging test. This updated guide features: * Practice test with 145 exam-style questions * Detailed answer explanations * Proven score-raising strategies The expert in strategies for the NCLEX-RN exam now offers the first strategic guide to the NCLEX-PN exam a focused, effective method for preparing for the National Council Licensure Examination for Practical or Vocational Nurses (NCLEX-PN). Each year, there is a continuous increase in the number of test-takers for the NCLEX-PN exam. Kaplan offers the only guide with proven test-taking strategies for this challenging test. This updated guide features: * Practice test with 145 exam-style questions * Detailed answer explanations * Proven score-raising strategies

The needs of cancer patients and their families are complex. Yet still more complex are the powerful social and cultural forces that shape the delivery of cancer care, and the way in which it is experienced.

Cancer Nursing: Care in Context addresses this by adopting a unique approach that situates cancer care in the context of society's attitudes to the disease, and the broader every-day needs of both patients and their carers. By combining evidenced-based information, a critical view of care and treatment, and 'first-hand accounts' of having cancer and caring for people with cancer, the book provides a new perspective how best to deliver the care that patients truly require. This second edition includes new chapters on prevention, diagnosis, symptoms, self-help and self-management, and living with cancer long-term. It also: * Addresses significant changes in cancer care, including expansion of nursing roles, the establishment of cancer networks and cancer collaborative projects * Considers NICE guidance on Supportive and Palliative care * Incorporates material on prevention and early detection * Includes evidence tables based on relevant literature Cancer Nursing: Care in Context is an invaluable resource for all those involved in the provision of cancer care and support to patients and their families.

How did whoring and hustling begin? Can one enjoy the work? Why do people pay for sex? What is prostitution like in other countries? What is the future of prostitution? This collection breaks new ground on a sensitive topic by bringing scholars, therapists, and sex workers together to study not only the profession but those who seek such services. Illustrated.

This is the first volume in a new series on 'Great Minds in Regional Science,' which seeks to present a contemporary view on the scientific relevance of the work done by great thinkers in regional science. It presents, among others, Walter Isard, Martin Beckmann and Gunnar Myrdal. Each contribution combines factual biographical information, a description of their major contributions, and a discussion of the broader context of the work, as well as an assessment of its current relevance, scientific recognition and policy impact. The book attempts to fill a gap in our knowledge, and to respond to the growing interest in the formation and development of the field of regional science and its key influential figures.

This completely revised International Express, with 100% new material, meets all the practical language needs of adult professional learners. The series retains the popular student-centred approach and strong communicative focus, while adding a range of new features. The Student's Book and Workbook are now combined, and every unit is

supported by stunning new video footage, bringing the outside world into the classroom.

Over the last several years, new research and developments in analysis methods and practice have led to rapid advancements in forensic biology. Identifying critical points of knowledge and new methodological approaches in the field, *Forensic Biology, Second Edition* focuses on forensic serology and forensic DNA analysis. It provides students and pro

Assisted by Scott Olsen (Central Florida Community College, USA). This volume is a result of the author's four decades of research in the field of Fibonacci numbers and the Golden Section and their applications. It provides a broad introduction to the fascinating and beautiful subject of the OC Mathematics of Harmony, OCO a new interdisciplinary direction of modern science. This direction has its origins in OC The ElementsOCO of Euclid and has many unexpected applications in contemporary mathematics (a new approach to a history of mathematics, the generalized Fibonacci numbers and the generalized golden proportions, the OC goldenOCO algebraic equations, the generalized Binet formulas, Fibonacci and OC goldenOCO matrices), theoretical physics (new hyperbolic models of Nature) and computer science (algorithmic measurement theory, number systems with irrational radices, Fibonacci computers, ternary mirror-symmetrical arithmetic, a new theory of coding and cryptography based on the Fibonacci and OC goldenOCO matrices). The book is intended for a wide audience including mathematics teachers of high schools, students of colleges and universities and scientists in the field of mathematics, theoretical physics and computer science. The book may be used as an advanced textbook by graduate students and even ambitious undergraduates in mathematics and computer science. Sample Chapter(s). Introduction (503k). Chapter 1: The Golden Section (2,459k). Contents: Classical Golden Mean, Fibonacci Numbers, and Platonic Solids: The Golden Section; Fibonacci and Lucas Numbers; Regular Polyhedrons; Mathematics of Harmony: Generalizations of Fibonacci Numbers and the Golden Mean; Hyperbolic Fibonacci and Lucas Functions; Fibonacci and Golden Matrices; Application in Computer Science: Algorithmic Measurement Theory; Fibonacci Computers; Codes of the Golden Proportion; Ternary Mirror-Symmetrical Arithmetic; A New Coding Theory Based on a Matrix Approach. Readership: Researchers, teachers and students in mathematics (especially those interested in the Golden Section and Fibonacci numbers), theoretical physics and computer science."

This book is part of a five-volume set that explores sustainability in textile industry practices globally. Case studies are provided that cover the theoretical and practical implications of sustainable textile issues, including environmental footprints of textile manufacturing, consumer behavior, eco-design in clothing and apparels, supply chain sustainability, the chemistry of textile manufacturing, waste management and textile economics. The set will be of interest to researchers, engineers, industrialists, R&D managers and students working in textile chemistry, economics, materials science, and sustainable consumption and production. This volume focuses on sustainability aspects of consumerism and fashion, emphasizing the environmental issues that stem from textile care and disposal, and how many of these practices detrimentally impact the environment. Also addressed is the role of consumer knowledge and behavior associated with the clothing industry that may exacerbate these issues, and what can be done to better inform consumers about more sustainable options available to them. The case studies presented cover environmental and social sustainability in the clothing industry, and sustainable development in luxury fashion networks.

This work has been selected by scholars as being culturally important and is part of the knowledge base of civilization as we know it. This work is in the public domain in the United States of America, and possibly other nations. Within the United States, you may freely copy and distribute this work, as no entity (individual or corporate) has a copyright on the body of the work. Scholars believe, and we concur, that this work is important enough to be preserved, reproduced, and made generally available to the public. To ensure a quality reading experience, this work has been proofread and republished using a format that seamlessly blends the original graphical elements with text in an easy-to-read typeface. We appreciate your support of the preservation process, and thank you for being an important part of keeping this knowledge alive and relevant.

It is possible to eliminate death and serious injury from Canada's roads. In other jurisdictions, the European Union, centres in the United States, and at least one automotive company aim to achieve comparable results as early as 2020. In Canada, though, citizens must turn their thinking on its head and make road safety a national priority. Since the motor vehicle first went into mass production, the driver has taken most of the blame for its failures. In a world where each person's safety is dependent on a system in which millions of drivers must drive perfectly over billions of hours behind the wheel, failure on a massive scale has been the result. When we neglect the central role of the motor vehicle as a dangerous consumer product, the result is one of the largest human-made means for physically assaulting human beings. It is time for Canadians to embrace internationally recognized ways of thinking and enter an era in which the motor vehicle by-product of human carnage is relegated to history. No Accident examines problems related to road safety and makes recommendations for the way forward. Topics include types of drivers; human-related driving errors related to fatigue, speed, alcohol, and distraction and roads; pedestrians, cyclists, and public transit; road engineering; motor vehicle regulation; auto safety design; and collision-avoidance technologies such as radar and camera-based sensors on vehicles that prevent crashes. This multi-disciplinary study demystifies the world of road safety and provides a road map for the next twenty years. This book provides a stylish, accessible guide to the natural therapeutic benefits of reflexology. At its heart is a complete step-by-step reference, demonstrating how to carry out a full foot and hand treatment with clear, annotated photographs that show exactly where to apply pressure and which technique to use where. There are explanations of how to adapt treatments to suit the whole family - including children, babies and the elderly - and treatments for 60 common ailments ranging from arthritis to colic, plus quick-fix tips such as a de-stressing treatment for use in a supermarket queue or busy office.

Upholding the standards that made previous editions so popular, this reference focuses on current strategies to analyze the functionality and performance of food emulsions and explores recent developments in emulsion science that have advanced food research and development. Written by leading specialists in the field, the Fourth Edition probes the Emulsifiers, also known as surfactants, are often added to processed foods to improve stability, texture, or shelf life. These additives are regulated by national agencies, such as the FDA, or multi-national authorities, such as the EEC or WHO. The amphiphilic molecules function by assisting the dispersion of mutually insoluble phases and stabilizing the resulting colloids, emulsions, and foams. Emulsifiers can interact with other food components such as carbohydrates, proteins, water, and ions to produce complexes and mesophases. These interactions may enhance or disrupt structures and affect functional properties of finished foods. In dairy processing, small molecule emulsifiers may displace dairy proteins from oil/water and air/water interfaces, which affects stability and properties of the foams and emulsions. In baked products, emulsifiers contribute to secondary functionalities, such as dough strengthening and anti-staling. Synthetic food emulsifiers suffer from the stigma of chemical names on a product's ingredient statement. Modern consumers are seeking products that are "all natural." Fortunately, there are a number of natural ingredients that are surface-active, such as lecithin, milk proteins, and some protein-containing hydrocolloids. Mayonnaise, for example, is stabilized by egg yolk. This book can serve as both a guide for professionals in the food industry to provide an understanding of emulsifier functionality, and a stimulus for further innovation. Students of food science will find this to be a valuable resource.

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