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A comprehensive and authoritative survey of recent findings, ideas, and hypotheses about the causes and treatment of diabetic nephropathy. The authors cover both the basic pathogenic mechanisms of the disease, as well as many of its clinical aspects of identification, management, and new therapeutic approaches. Highlights include an entire section devoted to novel approaches to studying diabetic nephropathy with the most advanced molecular techniques, and complete descriptions of the most up-to-date views on the diagnosis and treatment of the disease. The Diabetic Kidney offers both researchers and practicing clinicians a clear understanding of the progress that has been made regarding the pathogenesis of diabetic nephropathy and of the therapeutic interventions needed to prevent its development or treat it.

This supplement accompanies the first edition texts in the Salters' Advanced Chemistry series. The advanced chemistry texts have been updated in second editions to match the specification for A Level Chemistry from September 2000. However, many schools may not be able to replace their original editions immediately. This pack is designed to help teachers to use the original editions until they can be replaced.

This manual describes a survey method for evaluating the quality of care delivered to sick children in outpatient health facilities. This "integrated" survey combines elements from surveys previously conducted separately for specific programme areas. The instruments and methods presented build on experiences gained through the Control of Diarrhoeal Disease Programme, Acute Respiratory Infections' Programme, and the Global Programme for Vaccines and Immunization at WHO.

The purpose of this Special Issue, "Water Intake, Body Water Regulation, and Health", is to present novel reviews and experimental data regarding hydration physiology and its implication in overall health. Water has previously been dubbed the forgotten nutrient due to humans' and animals' ability to subsist seemingly unchanged across a wide range of daily water intakes. However, with the introduction of stressors such as exercise, diseased states, and/or chronic high or low water intake, the homeostatic signals related to body water regulation can influence organ and whole-body health. This Special Issue will discuss water intake, the scientific rationale surrounding the U.S. and European water intake guidelines, homeostatic mechanisms, diseases related to dysfunction of water regulation, and differences in the volume and the vehicle in which the water is contained (i.e., plain water versus mixed beverages) on water intake during and following exercise. The aim is to continue discussion surrounding water, the previously forgotten nutrient, and highlight the importance of water in daily life.

"The most popular standup comic in the U.S." --Time Whether he's breathing life into Walter, an old curmudgeon; Peanut, an over-caffeinated purple maniac; or Achmed, a screaming, skeletal, dead terrorist, comedian and ventriloquist Jeff Dunham is the straight man to some of the wildest, funniest partners in show business. All By My Selves is the story of one pretty ordinary guy, one interesting hobby, one very understanding set of parents, and a long and winding road to becoming America's favorite comedian. With wit, honesty, and lots of great show business detail, Dunham shares all the major moments in his journey to worldwide fame and success.

The U.S. economy is highly dynamic: businesses open and close, workers switch jobs and start new enterprises, and innovative technologies redefine the workplace and enhance productivity. With globalization markets have also become more interconnected. Measuring business activity in this rapidly evolving environment increasingly requires tracking complex interactions among firms, establishments, employers, and employees. Understanding Business Dynamics presents strategies for improving the accuracy, timeliness, coverage, and integration of data that are used in constructing aggregate economic statistics, as well as in microlevel analyses of topics ranging from job creation and destruction and firm entry and exit to innovation and productivity. This book offers recommendations that could be enacted by federal statistical agencies to modernize the measurement of business dynamics, particularly the production of information on small and young firms that can have a disproportionately large impact in rapidly expanding economic sectors. It also outlines the need for effective coordination of existing survey and administrative data sources, which is essential to improving the depth and coverage of business data.

Interest in solid waste disposal has been growing since the early 1960s, when researchers emphasized the potential for solid waste to harbor pathogenic microorganisms. Since then, society has become more interested in the environmental impacts of solid waste treatment and disposal, and how biological processes are used to minimize these impacts. This new text provides a basic understanding of the unique microbial ecosystems associated with the decomposition of municipal solid waste (MSW). It addresses the challenges of sampling and assaying microbial activities in MSW and describes preferred methods. The decomposition of MSW under anaerobic conditions in landfills and digestors is described, as well as under aerobic conditions during composting. The Microbiology of Solid Wastes discusses the need to consider MSW as an integrated system of collection, recycling, treatment, and disposal. A better understanding of solid waste microbiology will contribute to safe and economical solid waste management. Microbiologists, environmental engineers, and solid waste managers will all find this a useful reference.

In this book we have collected a series of state-of-the-art papers written by specialists in the field of ionic liquid crystals (ILCs) to address key questions concerning the synthesis, properties, and applications of ILCs. New compounds exhibiting ionic liquid crystalline phases are presented, both of calamitic as well as discotic type. Their dynamic and structural properties have been investigated with a series of experimental techniques including differential scanning calorimetry, polarized optical spectroscopy, X-ray scattering, and nuclear magnetic resonance, impedance spectroscopy to mention but a few. Moreover, computer simulations using both fully atomistic and highly coarse-grained force fields have been presented, offering an invaluable microscopic view of the structure and dynamics of these fascinating materials.

In this fascinating collection of essays Harvard Emeritus Professor Karl S. Guthke examines the ways in which, for European scholars and

writers of the eighteenth and early nineteenth century, world-wide geographical exploration led to an exploration of the self. Guthke explains how in the age of Enlightenment and beyond intellectual developments were fuelled by excitement about what Ulrich Im Hof called "the grand opening-up of the wide world", especially of the interior of the non-European continents. This outward turn was complemented by a fascination with "the world within" as anthropology and ethnology focused on the humanity of the indigenous populations of far-away lands – an interest in human nature that suggested a way for Europeans to understand themselves, encapsulated in Gauguin's Tahitian rumination "What are we?" The essays in the first half of the book discuss first- or second-hand, physical or mental encounters with the exotic lands and populations beyond the supposed cradle of civilisation. The works of literature and documents of cultural life featured in these essays bear testimony to the crossing not only of geographical, ethnological, and cultural borders but also of borders of a variety of intellectual activities and interests. The second section examines the growing interest in astronomy and the engagement with imagined worlds in the universe, again with a view to understanding homo sapiens, as compared now to the extra-terrestrials that were confidently assumed to exist. The final group of essays focuses on the exploration of the landscape of what was called "the universe within"; featuring, among a variety of other texts, Schiller's plays *The Maid of Orleans* and *William Tell*, these essays observe and analyse what Erich Heller termed "The Artist's Journey into the Interior." This collection, which travels from the interior of continents to the interior of the mind, is itself a set of explorations that revel in the discovery of what was half-hidden in language. Written by a scholar of international repute, it is eye-opening reading for all those with an interest in the literary and cultural history of (and since) the Enlightenment.

In recent years, globalization and the expansion of information technologies have reshaped managerial practices, forcing multinational firms to adjust business practices to different environments and domestic companies to adjust to their foreign competitors. In *International Differences in the Business Practices and Productivity of Firms*, a distinguished group of contributors examines the phenomenon of widespread differences in managerial practices across firms, establishments within firms, and countries. This volume brings together eight studies that combine qualitative and quantitative insider analysis of business practices such as the use of teams, incentive pay, lean manufacturing, and quality control, revealing the elements that determine which practices are adopted and why. *International Differences in the Business Practices and Productivity of Firms* offers a much-needed model for measuring the productivity and performance of international firms in a fast-paced global economy.

Not all concrete structures require protection from the ingress of water or other fluids, but those that do require a properly installed waterstop in and along their concrete joints. The concrete joint is the most likely point of leakage, and waterstops are uniquely designed to prevent this. This book's sole purpose is to educate the reader on all facets of waterstop.

The Eighth Doctor faces new perils in this bumper collection of classic comic adventures. This volume features eight amazing stories: "The Fallen," "Unnatural Born Killers," "The Road to Hell," "The Company of Thieves," "The Glorious Dead," "The Autonomy Bug," "Happy Deathday," and "TV Action." Also included are two bonus stories from the early days of "Doctor Who Weekly," "Throwback: The Soul of a Cyberman" and "Ship of Fools," telling the origins of Kroton the Cyberman. And, a special six-page, behind-the-scenes feature where writers Scott Gray, Alan Barnes, and Adrian Salmon reveal background information on the stories' origins, alongside never-before-seen sketches and character designs from Salmon and fellow artists Martin Geraghty and Roger Langridge.

This book examines the secession debate in Spain from 2006 to 2020.

Measuring Entrepreneurial Businesses: Current Knowledge and Challenges brings together an unprecedented group of economists, data providers, and data analysts to discuss research on the state of entrepreneurship and to address the challenges in understanding this dynamic part of the economy. Each chapter addresses the challenges of measuring entrepreneurship and how entrepreneurial firms contribute to economies and standards of living. The book also investigates heterogeneity in entrepreneurs, challenges experienced by entrepreneurs over time, and how much less we know than we think about entrepreneurship given data limitations. This volume will be a groundbreaking first serious look into entrepreneurship in the NBER's Income and Wealth series.

As the expense of treating a growing number of end-stage kidney disease patients increases, greater attention has been paid to prevention and early treatment. The study of renal disease, however, suffers due to the complex nature of renal anatomy and physiology and the plethora of different cell types found in the kidney. In *Kidney Research: Experimental Protocols*, top experts in the field seek to aid researchers by providing a number of specialized techniques developed to examine this intricate system. Through both well-established and novel methods, this volume explores the preparation and culture of the main cell types used to study renal disease mechanisms, the common animal models used to mimic the various forms of human renal disease, and specific applications and techniques used in vivo and in vitro. Written in the highly successful *Methods in Molecular Biology*™ series format, the chapters contain step-by-step, readily reproducible laboratory protocols, lists of the necessary materials and reagents, and tips on troubleshooting and avoiding known pitfalls. Essential and cutting-edge, *Kidney Research: Experimental Protocols* delivers invaluable guidance to new and experienced laboratory researchers delving into the sophisticated study of the kidney.

For nearly three decades, methadone hydrochloride has been the primary means of treating opiate addiction. Today, about 115,000 people receive such treatment, and thousands more have benefited from it in the past. Even though methadone's effectiveness has been well established, its use remains controversial, a fact reflected by the extensive regulation of its manufacturing, labeling, distribution, and use. The Food and Drug Administration regulates the safety and effectiveness of methadone, as it does for all drugs, and the Drug Enforcement Administration regulates it as a controlled substance. However, methadone is also subjected to a unique additional tier of regulation that prescribes how and under what circumstances it may be used to treat opiate addiction. *Federal Regulation of Methadone Treatment* examines current Department of Health and Human Services standards for narcotic addiction treatment and the regulation of methadone treatment programs pursuant to those standards. The book includes an evaluation of the effect of federal regulations on the provision of methadone treatment services and an exploration of options for modifying the regulations to allow optimal clinical practice. The volume also includes an assessment of alternatives to the existing regulations.

The transport, storage and handling of goods impose a heavy burden on the environment. As concern for the environment rises, companies must take more account of the external costs of logistics associated mainly with climate change, air pollution, noise, vibration and accidents. Leading the way in current thinking on environmental logistics, *Green Logistics* provides a unique insight on the environmental impacts of logistics and the actions that companies and governments can take to deal with them. It is written by a group of leading researchers in the field and provides a comprehensive view of the subject for students, managers and policy-makers. Fully updated and revised, the 3rd Edition

of Green Logistics takes a more global perspective than previous editions. It introduces new contributors and international case studies that illustrate the impact of green logistics in practice. There is a new chapter on the links between green logistics and corporate social responsibility (CSR) and a series of postscripts examining the likely effects of new developments, such as 3D printing and distribution by drone, on the environmental footprint of logistics. Other key topics examined in the book include: carbon auditing of supply chains; transferring freight to greener transport modes; reducing the environmental impact of warehousing; improving the energy efficiency of freight transport; making city logistics more environmentally sustainable; reverse logistics for the management of waste; role of government in promoting sustainable logistics. Ideal for use on related courses, the 3rd Edition of Green Logistics includes indispensable online supporting materials, including graphics, tables and chapter summaries, as well as technical information and guidelines for teachers and lecturers. The book is endorsed by the Chartered Institute of Logistics and Transport (CILT). "For the past two decades, Steven J. Davis, John C. Haltwanger, and Scott Schuh have studied the ebb and flow of jobs in U.S. manufacturing. Their surprising findings about where jobs are created and the frequency of job destruction have led to a body of journal articles and research by many other economists interested in the implications for modeling labor markets and comparisons to other industry and national settings. The authors now present this research in a single, up-to-date, and complete source with an explanation of their methods and a discussion of the usefulness of these concepts and measures for economic policy."--

Based on hitherto unused sources in English and Spanish in British and American archives, in this book naval historian Barry Gough and legal authority Charles Borrás investigate a secret Anglo-American coercive war against Spain, 1815-1835. Described as a war against piracy at the time, the authors explore how British and American interests – diplomatic and military – aligned to contain Spanish power to the critically influential islands of Cuba and Puerto Rico, facilitating the forging of an enduring but unproclaimed Anglo-American alliance which endures to this day. Due attention is given to United States Navy actions under Commodore David Porter, to this day a subject of controversy. More significantly though, through the juxtaposition of British, American and Spanish sources, this book uncovers the roots of piracy – and suppression – that laid the foundation for the tortured decline of the Spanish empire in the Americas and the subsequent rise of British and American empires, instrumental in stamping out Caribbean piracy for good.

The perceived shortage of cybersecurity professionals working on national security may endanger the nation's networks and be a disadvantage in cyberspace conflict. RAND examined the cybersecurity labor market, especially in regard to national defense. Analysis suggests market forces and government programs will draw more workers into the profession in time, and steps taken today would not bear fruit for another five to ten years.

Montaigne's Essays are rightfully studied as giving birth to the literary form of that name. Ann Hartle's *Montaigne and the Origins of Modern Philosophy* argues that the essay is actually the perfect expression of Montaigne as what he called "a new figure: an unpremeditated and accidental philosopher." Unpremeditated philosophy is philosophy made sociable—brought down from the heavens to the street, where it might be engaged in by a wider audience. In the same philosophical act, Montaigne both transforms philosophy and invents "society," a distinctly modern form of association. Through this transformation, a new, modern character emerges: the individual, who is neither master nor slave and who possesses the new virtues of integrity and generosity. In Montaigne's radically new philosophical project, Hartle finds intimations of both modern epistemology and modern political philosophy.

The papers presented in this volume analyze the civil uprising known as Euromaidan that began in central Kyiv in late November 2013, when the Ukrainian president Viktor Yanukovich opted not to sign an Association Agreement with the European Union, and continued over the following months. The topics include the motivations and expectations of protesters, organized crime, nationalism, gender issues, mass media, the Russian language, and the impact of Euromaidan on Ukrainian politics as well as on the EU, Russia, and Belarus. An epilogue to the book looks at the aftermath, including the Russian annexation of Crimea and the creation of breakaway republics in the east, leading to full-scale conflict. The goal of the book is less to offer a definitive account than one that represents a variety of aspects of a mass movement that captivated world attention and led to the downfall of the Yanukovich presidency.

Consisting of selected memorandum opinions advising the President of the United States, the Attorney General, and other executive officers of the Federal Government in relation to their official duties.

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The Pocket Book is for use by doctors nurses and other health workers who are responsible for the care of young children at the first level referral hospitals. This second edition is based on evidence from several WHO updated and published clinical guidelines. It is for use in both inpatient and outpatient care in small hospitals with basic laboratory facilities and essential medicines. In some settings these guidelines can be used in any facilities where sick children are admitted for inpatient care. The Pocket Book is one of a series of documents and tools that support the Integrated Management.

"This book makes a great leap in the conceptualization of transdisciplinary approaches, as well as provides concrete examples in practice, teaching, policy, and research." —From the Foreword by Edward F. Lawlor, dean and the William E. Gordon Distinguished Professor, the Brown School; and founding director, Institute for Public Health at Washington University in St. Louis The complexity of public health and social problems is becoming more challenging. Understanding and designing solutions for these problems requires perspectives from multiple disciplines and fields as well as cross-disciplinary research and practice teams. *Transdisciplinary Public Health* fills a void in the literature and offers a comprehensive text that introduces transdisciplinary methods as a means for providing an innovative tool set for problem-solving in public health research and practice. With contributions from leading experts, *Transdisciplinary Public Health* offers an understanding of interactions among the biological, behavioral, social, and public health sciences; shared disciplinary frameworks in analyzing health problems; and the integration and evaluation of transdisciplinary solutions to alleviate complex public health issues. Use of this important resource will promote transdisciplinary research and practice, resulting in novel solutions that positively impact human health.

Kory was having enough trouble in high school. His girlfriend just dumped him, his poetry made him a target for ridicule, and college applications were looming. The very last thing he needed was to fall in love with another boy. *Waterways* is the complete novel from award-winning author Kyell Gold that includes his beloved story "Aquifers". Join Kory as his feelings and faith collide, washing away the life he knew. His brother Nick, friends Samaki and Malaya, and Father Joe are there to help, but it's Kory who has to navigate the thrills and perils of the new waterways that make up his life. At stake? Nothing much -- just a chance at true love and happiness. And he still has to graduate from

high school...

Classic Books Library presents this brand new edition of "The Federalist Papers", a collection of separate essays and articles compiled in 1788 by Alexander Hamilton. Following the United States Declaration of Independence in 1776, the governing doctrines and policies of the States lacked cohesion. "The Federalist", as it was previously known, was constructed by American statesman Alexander Hamilton, and was intended to catalyse the ratification of the United States Constitution. Hamilton recruited fellow statesmen James Madison Jr., and John Jay to write papers for the compendium, and the three are known as some of the Founding Fathers of the United States. Alexander Hamilton (c. 1755–1804) was an American lawyer, journalist and highly influential government official. He also served as a Senior Officer in the Army between 1799-1800 and founded the Federalist Party, the system that governed the nation's finances. His contributions to the Constitution and leadership made a significant and lasting impact on the early development of the nation of the United States.

Revise for AS & A2 Biology with confidence! Providing complete study support throughout the two A Level years, this Edexcel Chemistry study guide matches the curriculum content and provides in-depth course coverage. Written by experienced AS and A2 examiners this book includes invaluable advice on how to get the best results in the exams. Providing plenty of exam practice and frequent progress checks and questions to consolidate learning, this AS & A2 Edexcel Chemistry study guide contains invaluable advice and preparation for the exam. Extensive coverage of the Edexcel course: * AS & A2 specification checklists to organise your studies * tick boxes to record your progress and plan your revision * in-depth coverage of core AS & A2 topics Also included in this book: * examiner's tips that reveal how to achieve higher marks * exam board labels that allow students to identify content relevant to their course * topics subdivided into short, manageable sections * highlighted key points and terminology, and examiner's hints to offer guidance * progress check questions to test recall and understanding * sample questions and model answers that reveal what examiners are looking for * exam-style questions and answers that provide crucial exam practice

This powerful first-person narrative follows the story of a young Irish girl from her earliest memory to around twelve years of age, tracing the shaping of "the Dublin Angela" into "the English Angela" and ultimately Angela of Lysterby, "the Irish rebel." This tale is told from the perspective of her older self, now "a hopeless wanderer" with youth and optimism behind her.

This critical study of the existing Peer Gynt texts, with the exception of {sect}{sect} 140, 141 and a few notes added here and there in the text, was written in the spring of 1914 and even com posed down to {sect} 104. It was to have been published in the Recueil de la Faculte de Philo sophie et Lettres de l'Universite de Gand in the September of that year, contemporaneou.

To celebrate the 25th anniversary of its publication, Michael W. Apple has thoroughly updated his influential text, and written a new preface. The new edition also includes an extended interview circa 2001, in which Apple relates the critical agenda outlined in Ideology and Curriculum to the more contemporary conservative climate. Finally, a new chapter titled "Pedagogy, Patriotism and Democracy: Ideology and Education After 9/11" is also included.

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