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This book deals with society's responses to sex offenders. This issue is of vital interest to law enforcement professionals and society at large. This subsection of the population generates as much or more fear than virtually any other segment in the community. The chapters in this book deal with recidivism, tracking and location, impulsivity, long-term care, and reunification.

This collection brings together a wide range of authoritative, informed perspectives on issues of ethics and security facing Canadians in the turbulent global environment of the twenty-first century. These reflections, by some of the leading scholars in the field, link the abstract analytical and philosophical questions of "ethics" to the critical and challenging questions of decision-making practice in Canadian foreign policy. Contributors to this volume deal with both the abstract notions of value, culture, norms, and ethics, and the concrete questions of policy, law, and enforcement. They assess the challenges and the opportunities presented by new concepts, such as human security, mutual vulnerability, soft power, global cultural scripts, "good governance," and niche diplomacy, for foreign policy decisionmaking. The addition of suggested seminar questions, a list of further readings, and a sample course outline add to the usefulness of this text in a practical classroom setting.

Anti-competitive business cartels, engaging in practices such as price fixing, market sharing, bid rigging and restrictions on output, are now subject to strong official censure and rigorous legal control in a large number of jurisdictions across the world. The longstanding condemnation under the US

Sherman Act of 1890 has been taken up (although in a rather different form) during the last thirty years in the EC/EU and in European national jurisdictions in particular, but also in a range of countries outside North America and Europe. Legal control has not only extended geographically but has intensified, as a number of jurisdictions have moved beyond administrative regulation and penalties to embrace enforcement through civil liability and (most significantly in terms of policy and rhetoric) the methods of criminal law. It is therefore timely to consider critically this development of legal control and assess its achievement to date and its future prospects. But such an exercise requires an understanding of the reasons and need for such regulation, based on a clear appreciation of the nature and extent of the economic and social malaise which is its subject. What, more exactly, are such business cartels, why do they come into existence and persist, why are they regarded as being so bad, and what are the objectives within this increasingly complex and multi-level phenomenon of legal control? By seeking to answer such fundamental questions, this book sets a research agenda for a pathology, aetiology and criminology of business cartels, and probes more accurately their nature, operation, endurance and perceived delinquency.

The University of Manchester hosted the 28th International Symposium on Shock Waves between 17 and 22 July 2011. The International Symposium on Shock Waves first took place in 1957 in Boston and has since become an internationally acclaimed series of meetings for the wider Shock Wave Community. The ISSW28 focused on the following areas: Blast Waves, Chemically Reacting Flows, Dense Gases and Rarefied Flows, Detonation and

Combustion, Diagnostics, Facilities, Flow Visualisation, Hypersonic Flow, Ignition, Impact and Compaction, Multiphase Flow, Nozzle Flow, Numerical Methods, Propulsion, Richtmyer-Meshkov, Shockwave Boundary Layer Interaction, Shock Propagation and Reflection, Shock Vortex Interaction, Shockwave Phenomena and Applications, as well as Medical and Biological Applications. The two Volumes contain the papers presented at the symposium and serve as a reference for the participants of the ISSW 28 and individuals interested in these fields.

Volume 2 of the two-volume set *Advanced direct injection combustion engine technologies and development* investigates diesel DI combustion engines, which despite their commercial success are facing ever more stringent emission legislation worldwide. Direct injection diesel engines are generally more efficient and cleaner than indirect injection engines and as fuel prices continue to rise DI engines are expected to gain in popularity for automotive applications. Two exclusive sections examine light-duty and heavy-duty diesel engines. Fuel injection systems and after treatment systems for DI diesel engines are discussed. The final section addresses exhaust emission control strategies, including combustion diagnostics and modelling, drawing on reputable diesel combustion system research and development. Investigates how HSDI

and DI engines can meet ever more stringent emission legislation Examines technologies for both light-duty and heavy-duty diesel engines Discusses exhaust emission control strategies, combustion diagnostics and modelling

In view of the approaching age of austerity for the public sector, leadership is likely to continue to become a key theme. This edited volume brings together a host of material from the public sector to analyze the issue internationally. Teelken, Dent & Ferlie lead a team of contributors in examining three key aspects of this increasingly important theme: the meaning of public sector leadership, and how this changes in different contexts the implications for leadership style given the growing role of the private sector the response to the leadership issue from professionals moving into senior management roles. With contributions from respected academics such as Jean-Louis Denis, Mike Reed and Mirko Nordegraaf, this book will be an invaluable supplementary resource for those undertaking studies across public sector management and administration.

Covering the latest developments in this field, this text features edited versions of papers presented at the Seventh International Conference on Advances in Fluid Mechanics.

Discusses the job positions, postal exams, pay, applications and resumes, interview process, and

related civil service positions for those interested in a postal service career.

Over the last 25 years a vast body of literature has been published on neighbourhood effects: the idea that living in more deprived neighbourhoods has a negative effect on residents' life chances over and above the effect of their individual characteristics. The volume of work not only reflects academic and policy interest in this topic, but also the fact that we are still no closer to answering the question of how important neighbourhood effects actually are. There is little doubt that these effects exist, but we do not know enough about the causal mechanisms which produce them, their relative importance in shaping individual's life chances, the circumstances or conditions under which they are most important, or the most effective policy responses. Collectively, the chapters in this book offer new perspectives on these questions, and refocus the academic debate on neighbourhood effects. The book enriches the neighbourhood effects literature with insights from a wide range of disciplines and countries.

The book "Wind Tunnels and Experimental Fluid Dynamics Research" is comprised of 33 chapters divided in five sections. The first 12 chapters discuss wind tunnel facilities and experiments in incompressible flow, while the next seven chapters deal with building dynamics, flow control and fluid mechanics. Third section of the book is dedicated to

chapters discussing aerodynamic field measurements and real full scale analysis (chapters 20-22). Chapters in the last two sections deal with turbulent structure analysis (chapters 23-25) and wind tunnels in compressible flow (chapters 26-33). Contributions from a large number of international experts make this publication a highly valuable resource in wind tunnels and fluid dynamics field of research.

This popular text for secondary teacher trainees covers all the key issues for learning and teaching in secondary schools and is a core text for all those working towards QTS. Focusing on a range of important topics, the text provides an essential summary of educational research and includes both reflective and school-based practical tasks.

Throughout, case studies make essential links between theory and practice and the text focuses on what trainees need to know. This fourth edition includes new chapters on Masters level study for PGCE and pastoral care, citizenship and PSHE.

This book focuses on how to manage sovereign debt safely and effectively. The report traces the history of sovereign borrowing in Latin America, releases a new data set on public debt, and analyzes debt's evolution, highlighting the recent trend toward higher domestic debt and lower external borrowing.

This volume of Eurasian Studies in Business and Economics focuses on latest results from research in Banking and Finance, Accounting and Corporate Governance, Growth and

Development, along with a focus on the Energy sector. The first part on Accounting and Corporate Governance features articles on environmental accounting, audit quality, financial information, and adoption of governance principles. The Banking and Finance part looks at risk-behavior in banks, credit ratings during subprime crisis, stakeholder management, and stock market crises. The book focuses then on the energy sector and analyzes macroeconomic impacts of electricity generation, risk dimensions in wind energy, the latest EU energy reforms, and discusses prediction models.

"This book presents a multifaceted, global view of the human dynamics of education, supply, demand, and career development in the information systems and technology industry. It provides a tool to meet the challenges of providing improved education and employing an optimal supply of information systems and technology graduates in the decades to come"--Provided by publisher.

The Age of Psychopharmacology began with a brilliant rise in the 1950s, when for the first time science entered the study of drugs that affect the brain and mind. But, esteemed historian Edward Shorter argues that there has been a recent fall, as the field has seen its drug offerings impoverished and its diagnoses distorted by the Diagnostic and Statistical Manual of Mental Disorders. The new drugs, such as Prozac, have been less effective than the old. The new diagnoses, such as major depression, have strayed increasingly from the real disorders of most patients. Behind this disaster has been the invasion of the field by the pharmaceutical industry. This invasion has paid off commercially but not scientifically: There have been no new classes of psychiatry drugs in the last thirty years. Given that psychiatry's diagnoses and therapeutics have largely failed, the field has greatly declined from earlier days. Based on extensive research discovered in

litigation, Shorter provides a historical perspective of change and decline over time, concluding that the story of the psychopharmacology is a story of a public health disaster. Ergonomics teaches how to design technology in such a way that it is optimally adapted to the needs, wishes and characteristics of the user. In this context, the concept of the human-machine system has become established. In a systematic way and with a detailed view of the complicated technical and perceptual psychological and methodological connections, this book explains the basics of automotive ergonomics with numerous examples. The application is shown in examples such as package, design of displays and control elements, of environmental ergonomics such as lighting, sound, vibrations, climate and smell. The design of driver assistance systems from an ergonomic perspective is also a central topic. The book is rounded off by methods of ergonomic vehicle development, the use of mock-ups, driving simulators and tests in real vehicles and prototypes. For the first time, those responsible in the automotive industry and in the field of relevant research are provided with a specialized systematic work that provides the ergonomic findings in the design of today's automobiles. This provides planners and designers of today's automobiles with concrete information for ergonomic product development, enabling them to keep an eye on decisive requirements and subsequent customer acceptance. This book is a translation of the original German 1st edition *Automobilergonomie* by Heiner Bubb, Klaus Bengler, Rainer E. Grünen & Mark Vollrath, published by Springer Fachmedien Wiesbaden

GmbH, part of Springer Nature in 2015. The translation was done with the help of artificial intelligence (machine translation by the service DeepL.com). A subsequent human revision was done primarily in terms of content, so that the book will read stylistically differently from a conventional translation. Springer Nature works continuously to further the development of tools for the production of books and on the related technologies to support the authors.

During the nine years that the Conservatives under Brian Mulroney held power in Ottawa, Canadian foreign policy underwent a series of important departures from established policy. Some of these changes mirrored the major transformations in global politics that occurred during this period as the Berlin Wall was breached, the Cold War came to an end, and a globalized economy emerged. But some of the changes were the results of initiatives taken by the Conservative government. The first major scholarly examination of the foreign policy of this period, this collection explores and analyzes the many departures from traditional Canadian statecraft that took place during the Mulroney Conservative era: free trade with the U.S., a continentalized energy policy, initiatives over the environment and the Arctic, the withdrawal of Canadian forces from Europe, and the transformation of peacekeeping into peacemaking. Purchasing is championed as key to improving health systems performance. However, despite the central role the purchasing function plays in many health system reforms, there is very little evidence about its development or its real impact on societal objectives.

This book addresses this gap and provides: -A comprehensive account of the theory and practice of purchasing for health services across Europe -An up-to-date analysis of the evidence on different approaches to purchasing -Support for policy-makers and practitioners as they formulate purchasing strategies so that they can increase effectiveness and improve performance in their own national context -An assessment of the intersecting roles of citizens, the government and the providers

Written by leading health policy analysts, this book is essential reading for health policy makers, planners and managers as well as researchers and students in the field of health studies. Contributors: Toni Ashton, Philip Berman, Michael Borowitz, Helmut Brand, Reinhard Busse, Andrea Donatini, Martin Dlouhy, Antonio Duran, Tamás Evetovits, André P. van den Exter, Josep Figueras, Nick Freemantle, Julian Forder, Péter Gaál, Chris Ham, Brian Hardy, Petr Hava, David Hunter, Danguole Jankauskiene, Maris Jesse, Ninel Kadyrova, Joe Kutzin, John Langenbrunner, Donald W. Light, Hans Maarse, Nicholas Mays, Martin McKee, Eva Orosz, John Øvretveit, Dominique Polton, Alexander S. Preker, Thomas A. Rathwell, Sabine Richard, Ray Robinson, Andrei Rys, Constantino Sakellarides, Sergey Shishkin, Peter C. Smith, Markus Schneider, Francesco Taroni, Marcial Velasco-Garrido, Miriam Wiley

Regional areas are key building blocks of society in many countries. This compilation uses Australian case study examples to demonstrate how regional areas are uniquely well-placed to contribute to national goals in innovation, infrastructure provision, water and food

security, environmental sustainability, industry diversification, healthy and liveable communities, and natural disaster preparedness and response. Each of these themes is examined in the context of using innovative approaches from regions to deliver outcomes that are nationally significant. Authorship is drawn from a balance of leading practitioners and academics to provide stories that are both engaging and rigorous. The case studies are contextualised by an analysis of regional advantage literature, discussion on the regional policy implications and lessons, and commentary around the key trends and drivers for innovation and regional advantage in Australia. The book provides a convincing argument that focusing on regional innovation and development offers significant benefits to a nation as a whole.

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