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**ACADEMIC / STM**

**October 2017**

The Fundamentals

of SURGICAL

INSTRUMENTS

*A practical guide to their  
recognition, use and care*



Steve Moutrey

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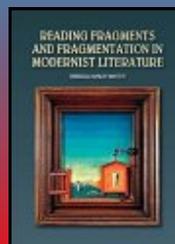
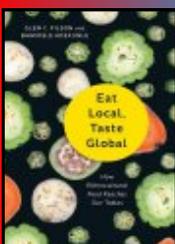
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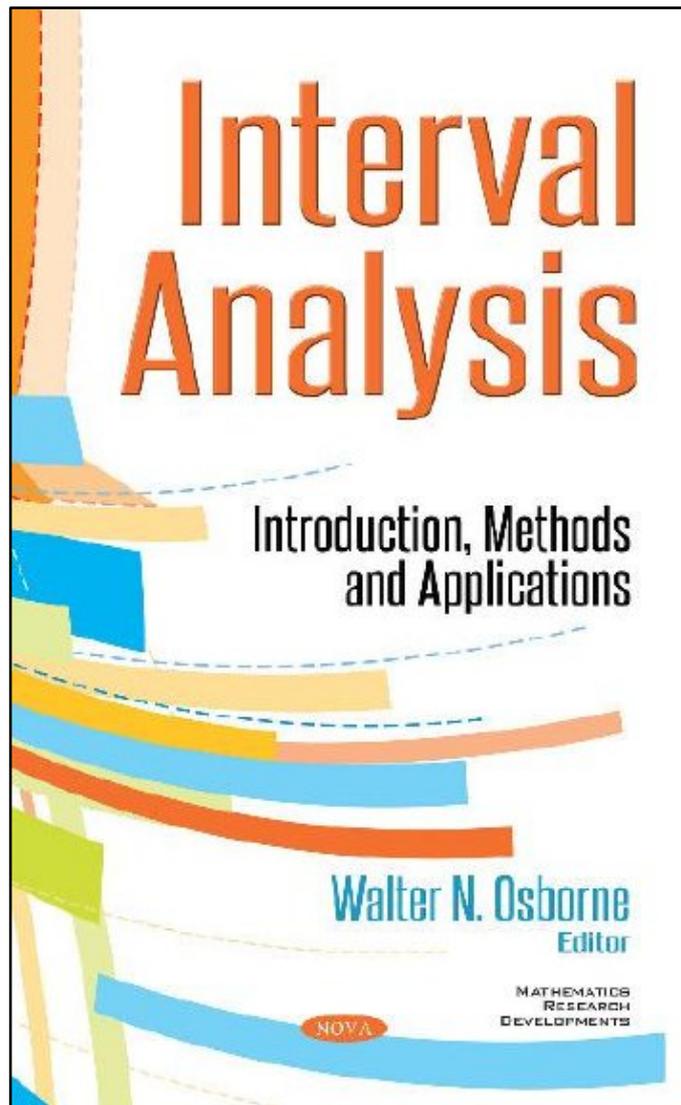
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Gazelle Books



(Mathematics Research Developments Series)

# INTERVAL ANALYSIS

Introduction, Methods & Applications

Edited by Walter N Osborne

This book begins by presenting a method for Interval Analysis based on simple statistical tools applied on a space of Gaussian variables in Chapter One. Chapter Two describes how using interval analysis the main part of optimisation techniques will allow to partially solve global optimisation problems. Chapter Three covers the applications of interval computations in computer graphics. The final chapter addresses the synthesis of Cable-Driven Parallel Manipulators (CDPMs) using interval analysis.

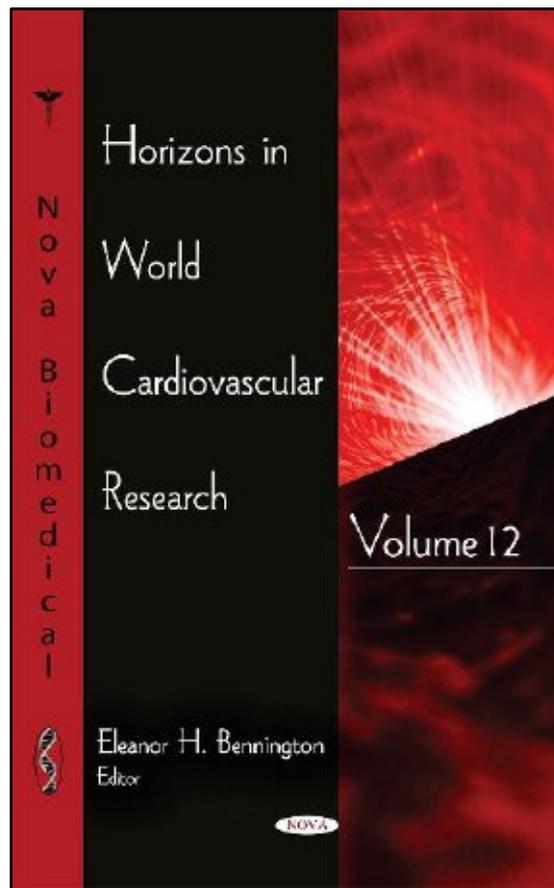
**Table of Contents:** Preface; Interval Analysis & Visualization Using Simple Statistical Tools; Interval Methods of Global Constrained Optimization; Applications of Interval Analysis in Computer Graphics; Workspace Analysis & Design of Cable-Driven Parallel Manipulators; Index.

70 pages \* 155x230mm \* October 2017 \* HB \* 9781536120288 \* £90.50 \* Nova Science Publishers

**Subject:** Calculus & Mathematical Analysis



# Gazelle Books



(Horizons in World Cardiovascular Research Series)

# HORIZONS IN WORLD CARDIOVASCULAR RESEARCH

**Volume 12**

Edited by Eleanor H Bennington

Hypertension is the most common chronic disease in developed societies, affecting >25% of adults. Chapter One analyses the current evidence about exercise and hypertension. In Chapter Two, a mesh free numerical scheme was proposed, with the aim to resolve the Navier-Stokes equations for the blood flow through the aorta artery with aneurysm disease. Thoracoabdominal aortic aneurysm repairs are considered one of the most complex procedures known to surgeons. Chapter Three presents a review of thoracoabdominal aortic aneurysm repairs in order to provide the fundamental knowledge and updated techniques for the cardiac and vascular surgery team. In Chapter Four, the authors describe coronary hypersensitivity angitis and acute coronary hypersensitivity syndrome (ACHS) in terms of pathogenesis, clinical presentation, diagnostic work flow, treatment and prevention. Sinus bradycardia is a common clinical or electrocardiographic finding in both healthy and severely ill patients, reflecting the broad spectrum of pathophysiological substrate and clinical relevance of this disorder. Chapter Five provides a comprehensive overview concerning diagnosis, management and prognosis. Chapter Six discusses how patients who were diagnosed with cirrhosis had higher concentrations of NT pro-BNP if they had left ventricular diastolic dysfunction. The authors discuss how NT pro-BNP might be a useful early marker of cardiomyopathy in patients with cirrhosis. Finally, Chapter Seven helps the reader to understand a patient's experience of undergoing a CATH procedure, particularly the psychological aspect of the procedure and the lived experience of patients undergoing a CATH.

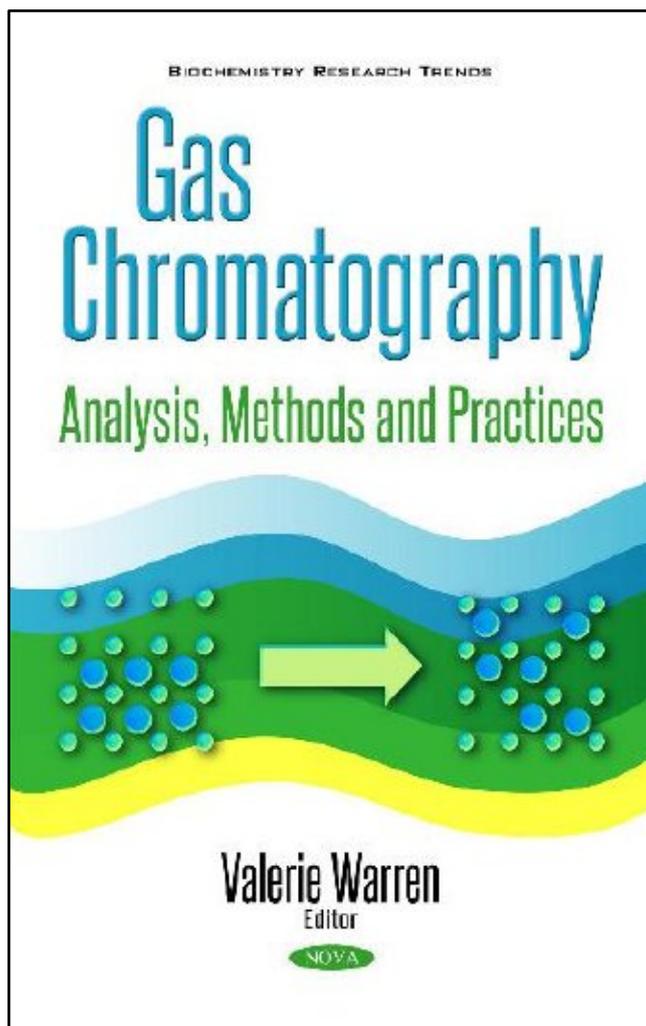
185 pages \* 155x230mm \* October 2017 \* HB \* 9781536119978 \* £238.50 \* Nova Science Publishers

**Subject:** Cardiovascular Surgery

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Gazelle Books



(Biochemistry Research Trends Series)

# GAS CHROMATOGRAPHY

Analysis, Methods & Practices

Edited by Valerie Warren

Many members of plant and fungi kingdoms have toxic alkaloids that are highly poisonous. Chapter One explores how gas chromatography is used to analyse some classes of these alkaloids. In Chapter Two, the effect of surfactants on gas-liquid interfaces by using reverse-flow gas chromatography (RF-GC). Chapter Three describes the application of Solid-Phase Microextraction (SPME) for identifying volatile organic compounds (VOCs), additives and degradation products in industrial plastics, rubber, and packaging materials. And in Chapter Four, the authors discuss sampling procedures for the analysis of volatile and gaseous substances used in daily life and in forensic medicine.

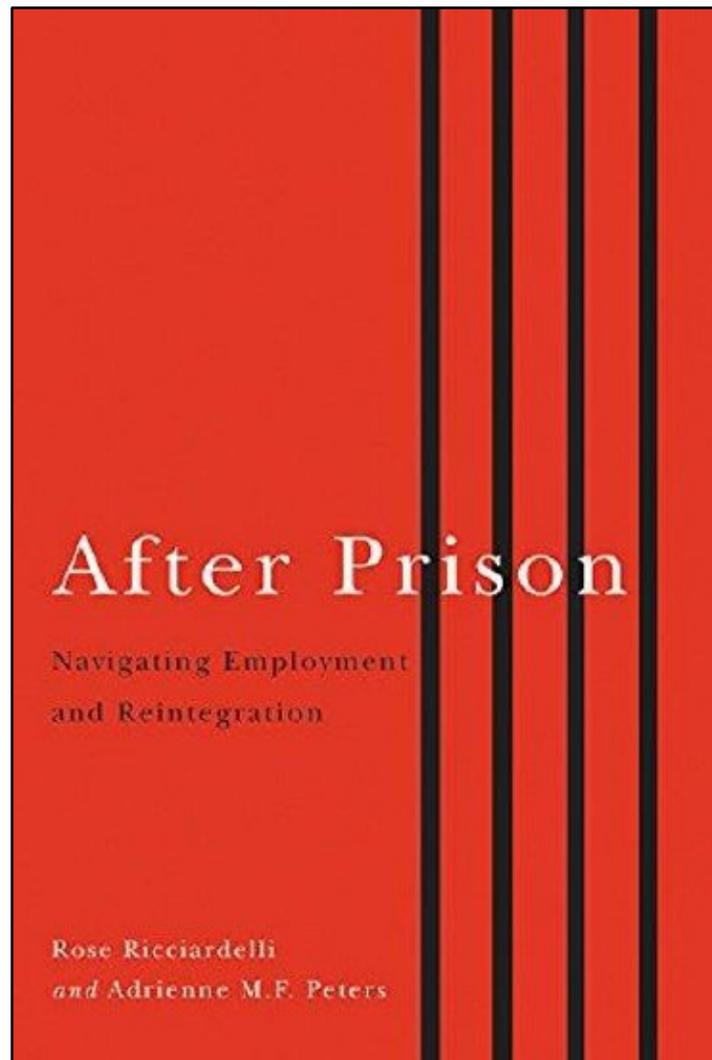
**Table of Contents:** Preface; An Analysis of Toxic Alkaloids of Forensic Interest via Gas Chromatography; The Influence of Surfactant Monolayer(s) on the Evaporation of Liquid Pollutants, Studied by Reverse-Flow Gas Chromatography; The Application of Headspace: Solid-Phase Microextraction (HS-SPME) Coupled with Gas Chromatography/Mass Spectrometry (GC/MS) for the Characterization of Polymers; Sampling of the Postmortem Specimen for the Analysis of Volatile or Gaseous Substances in Forensic Practice; Bibliography; Related Nova Publications; Index.

80 pages \* 155x230mm \* October 2017 \* HB \* 9781536119909 \* £152.50 \* Nova Science Publishers

**Subject:** Chromatography



# Gazelle Books



# AFTER PRISON

## Navigating Employment & Reintegration

Rose Ricciardelli & Adrienne M F Peters

Employment for former prisoners is a critical pathway toward reintegration into society and is central to the processes of desistance from crime. Nevertheless, the economic climate in Western countries has aggravated the ability of former prisoners and people with criminal records to find gainful employment. *After Prison* opens with a former prisoner's story of reintegration employment experiences. Next, relying on a combination of research interviews, quantitative data, and literature, contributors present an international comparative review of Canada's evolving criminal record legislation; the promotive features of employment; the complex constraints and stigma former prisoners encounter as they seek employment; and the individual and societal benefits of assisting former prisoners attain "gainful" employment. A main theme throughout is the interrelationship between employment and other central conditions necessary for safety and sustenance. This book offers suggestions for criminal record policy amendments and new reintegration practices that would assist individuals in the search for employment. Using the evidence and research findings of practitioners and scholars in social work, criminology and law, psychology, and related fields, the contributors concentrate on strategies that will reduce the stigma of having been in prison; foster supportive relationships between social and legal agencies and prisons and parole systems; and encourage individually tailored resources and training following release of individuals.

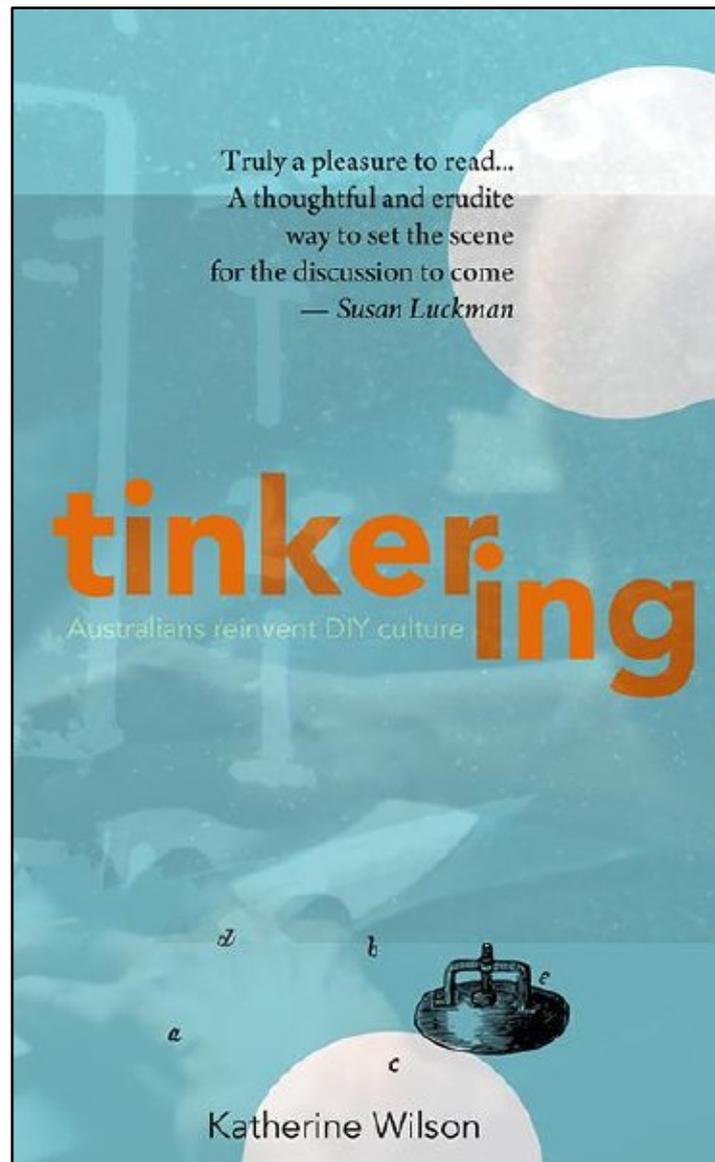
320 pages \* 180x260mm \* 3 tables & 3 charts \* October 2017 \* PB \* 9781771123167 \* £30.99 \* Wilfrid Laurier University Press

**Subject:** Crime & Criminology

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# Gazelle Books



# TINKERING

## Australians Reinvent DIY Culture

Katherine Wilson

At a time when the labour-market is failing as a source of security and identity for many, domestic tinkering is emerging as a legitimate occupation in a way we have not seen since pre-industrial times. In Australia, practices of repair, invention, building, improvising and crafting, that take place in sheds, back-yards, paddocks, kitchens and home-workshops, are becoming an important part of the informal economy and social cohesion, complicating distinctions between work and leisure, amateur and professional, production and consumption. Building on the work of historians, sociologists, psychologists and economists, but with a journalist's impulse for the currency of her story, Katherine Wilson documents domestic tinkering as an undervalued form of material creativity, social connection, psychological sanctuary, personal identity and even political activism. This book mounts a surprising case for the profound value of domestic tinkering in contemporary Australia.

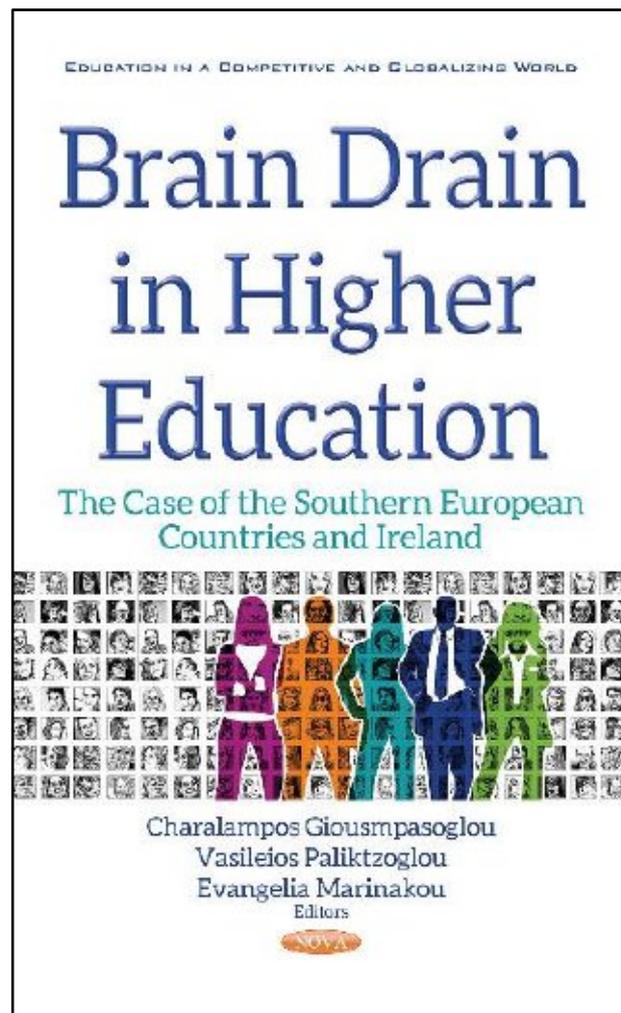
155x230mm \* October 2017 \* PB \* 9781925495478 \* £23.50 \* Monash University Publishing

**Subject:** Cultural Studies: Australia

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Gazelle Books



(Education in a Competitive & Globalizing World Series)

# BRAIN DRAIN IN HIGHER EDUCATION

The Case of the Southern European Countries & Ireland

Edited by Charalampos Giousmpasoglou, Vasileios Paliktzoglou & Evangelia Marinakou

This book offers a collection of chapters on key consequences, challenges and strategies in the new economic environment that was shaped after the 2008 economic crisis in southern Europe (Portugal, Spain, Italy, Greece and Cyprus) and Ireland in higher education (HE). The content covers issues such as the loss of human capital and competitiveness in HE institutes at the national level, the collapse of research and innovation, the brain gain on behalf of the receiving countries, and the need for new national and EU policies regarding the migration/loss of highly qualified staff. This book aims to be an international platform to bring together academics, researchers, lecturers, decision makers, policy makers, and practitioners to share new theories, research findings, and case studies; to enhance understanding and collaboration in issues related to the brain drain/brain gain phenomena within the EU from a higher education management perspective. The book also focuses on the mistakes and misjudgements regarding the real dimensions of the problem on the national and European (EU) levels. The motivation behind writing this book stems from the fact that there is a paucity of research in the field. Thus, this book provides a single reference for brain drain in HE for the Southern European countries and Ireland. Readers will find up-to-date and well researched information related to the effects of the brain drain phenomenon. The book covers the most important and common issues concerning this current and topical area of research as well as the current trends and future developments, such as the impact of Brexit in the European HE system.

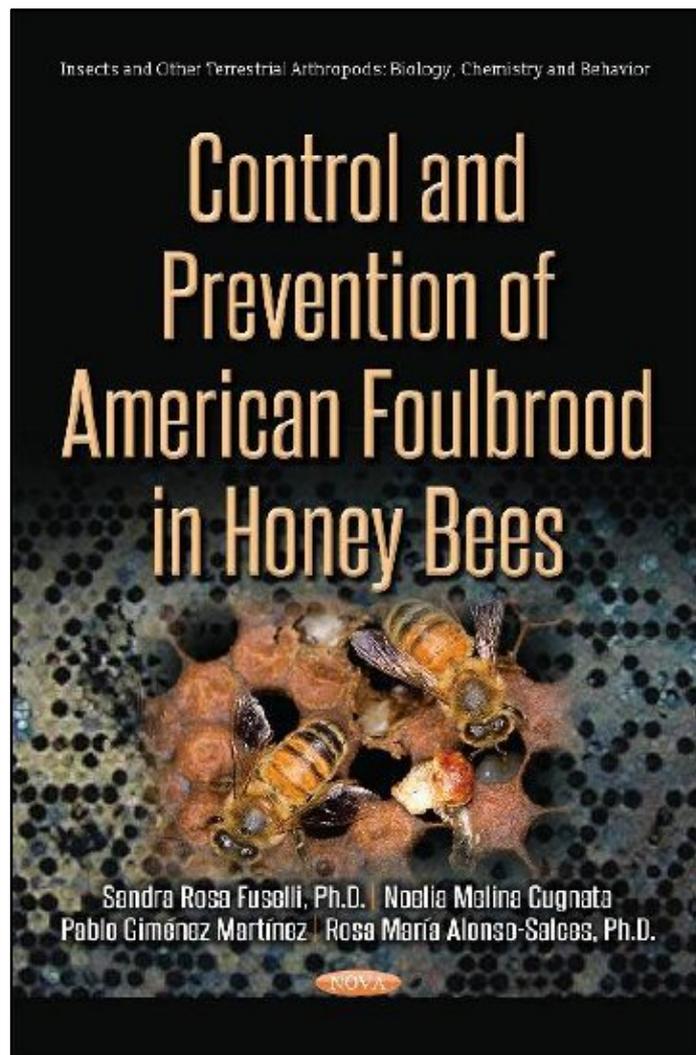
213 pages \* 155x230mm \* October 2017 \* HB \* 9781536119787 \* £152.50 \* Nova Science Publishers

**Subject:** Education

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Gazelle Books



(Insects & Other Terrestrial Arthropods -- Biology, Chemistry & Behavior Series)

# CONTROL & PREVENTION OF AMERICAN FOULBROOD IN HONEY BEES

Sandra Rosa Fuselli, Ph.D., Noelia Melina Cugnata, Pablo Gimenez Martinez & Rosa Maria Alonso-Salces, Ph.D.

American foulbrood (AFB) is a severe bacterial disease that affects larvae of honey bees (*Apis mellifera*). The causative agent is the spore forming bacteria *Paenibacillus larvae*. The use of antibiotics has led to the appearance of resistant bacterial strains and residues in beehive products. Nowadays, antibiotics are legally banned in several countries, and the affected colonies have to be destroyed by burning the hives. Therefore, the development of alternative therapeutic methods for the control and prevention of AFB is necessary. The present monograph reviews the traditional methods used for the control of AFB, and the natural strategies based on the application of essential oils, plant extracts, propolis, royal jelly, non-conventional natural molecules, bacteria and bacteriocines, assessed *in vitro* and *in vivo* for the prevention and control of *P. larvae*. The book also discusses the experimental data achieved from these studies, and intends to be a starting point for research in the field.

**Table of Contents:** Abstract; Introduction; Control of *Paenibacillus Larvae*, the Causative Agent of American Foulbrood; Discussion; Conclusion & Future Perspectives; Index.

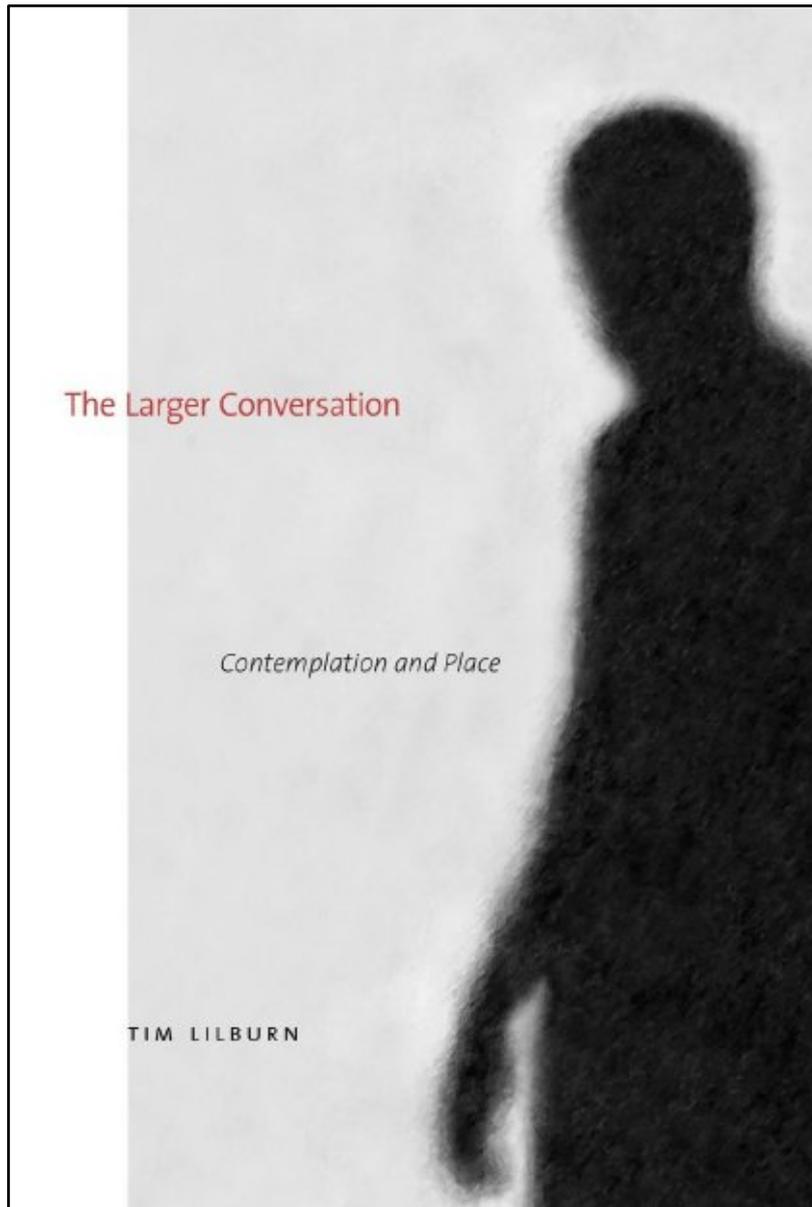
75 pages \* 155x230mm \* October 2017 \* PB \* 9781536119862 \* £78.50 \* Nova Science Publishers

**Subject:** Entomology

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# Gazelle Books



# THE LARGER CONVERSATION

## Contemplation & Place

Tim Lilburn

This volume, the third in Tim Lilburn's decades-long meditation on philosophy and environmental consequences, traces a relationship between mystic traditions and the political world. Struck by the realisation that he did not know how to be where he found himself, Lilburn embarked on a personal attempt at decolonisation, seeking to uncover what is wrong within Canadian culture and to locate a possible path to recovery. He proposes a new epistemology leading to an ecologically responsible and spiritually acute relationship between settler Canadians, Indigenous peoples, and the land we inhabit. *The Larger Conversation* is a bold statement: a vital text for readers of environmental philosophy and for anyone interested in opening up the conversation between Indigenous peoples and settlers.

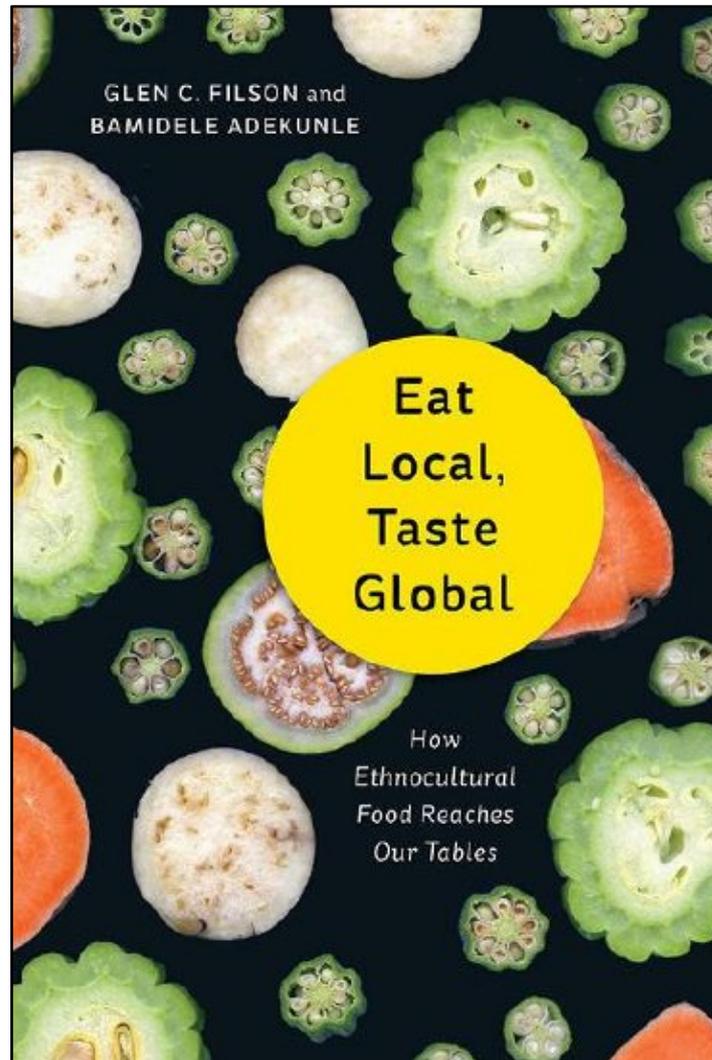
224 pages \* 155x230mm \* October 2017 \* PB \* 9781772122992 \* £26.99 \* University of Alberta Press

**Subject:** Epistemology & Theory of Knowledge

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# Gazelle Books



# EAT LOCAL, TASTE GLOBAL

## How Ethnocultural Food Reaches Our Tables

Glen C Filson & Bamidele Adegunle

This book shows how the demand for ethnocultural vegetables on the part of Toronto's South Asian, Chinese, and Afro-Caribbean Canadians is at odds with the corporate food regime. How does that regime affect the local food movement and ethnic groups' access to their preferred foods? This book addresses that question and suggests that the protection of ethnic and national food security and sovereignty strengthens immigrant integration while producing healthy crossover effects for other Canadians. The authors show how culture, food, and migration are intertwined and how access to ethnocultural vegetables is affected by ethnicity, social class, shopping venues, and food prices. Most ethnic vegetables are imported by corporations and ethnic intermediaries and pass through Toronto's Food Terminal; however, local farmers are now producing some of these vegetables, and alternative forms of agriculture and markets play a significant role in bringing ethnocultural vegetables to our tables. Social justice requires that people have both food security and food sovereignty. This book offers solutions to identified contradictions that include making farmers' markets more inclusive, improving conditions for migrant farm workers, and making alternative forms of agriculture more feasible. The book will be of interest to rural sociologists and political scientists as well as policy-makers, food activists, farmers, and food security organisations.

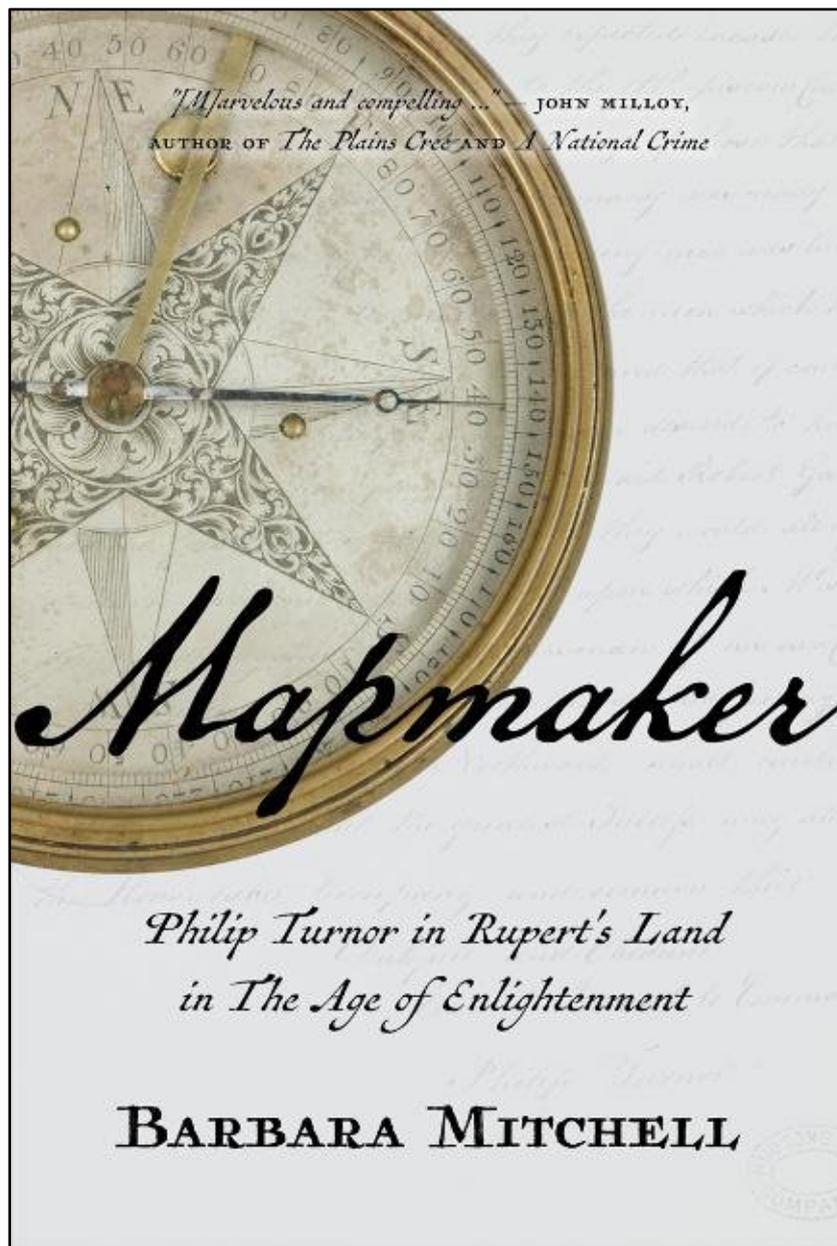
280 pages \* 155x230mm \* October 2017 \* PB \* 9781771123136 \* £26.99 \* Wilfrid Laurier University

**Subject:** Food & Society

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Gazelle Books



# MAPMAKER

## Philip Turnor in Rupert's Land in the Age of Enlightenment

Barbara Mitchell

As the first inland surveyor for the Hudson's Bay Company, Philip Turnor stands tall among the explorers and mapmakers of Canada. Accompanied by Cree guides and his Cree wife, Turnor travelled 15,000 miles by canoe and foot between 1778 and 1792 to produce ten maps, culminating in his magnum opus, a map that was the foundation of all northern geographic knowledge at that time. Barbara Mitchell's biography brings to life the man who taught David Thompson and Peter Fidler how to survey. In her search for Turnor's story, Mitchell discovers her own Cree-Orkney ancestry and that of thousands of others who are descendents of Turnor and his Cree wife.

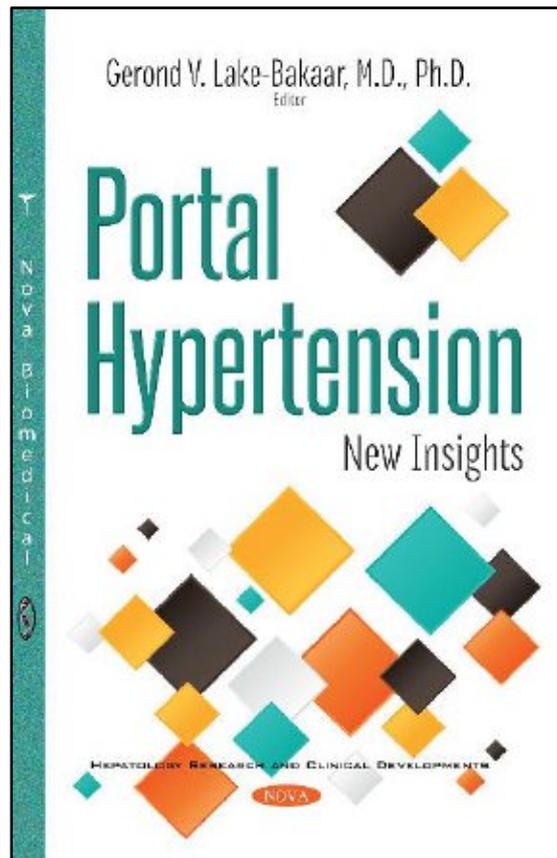
352 pages \* 160x235mm \* 35 illus \* October 2017 \* HB \* 9780889775039 \* £30.99 \* University of Regina Press

**Subject:** Geographical Discovery & Exploration

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# Gazelle Books



(Hepatology Research & Clinical Developments Series)

# PORTAL HYPERTENSION

## New Insights

Gerond V Lake-Bakaar, MD, Ph.D.

The cirrhotic liver is significantly more vulnerable to injury. This vulnerability is particularly evident after the advent of portal hypertension. In the normal liver, up to 75 percent can be resected without decompensation. By contrast, in the cirrhotic liver with portal hypertension, liver decompensation can occur even after less than 50 percent of the liver is resected. This book begins with an attempt to provide insights into this unanswered puzzle. The normal liver is soft and elastic. By contrast, the cirrhotic liver is inelastic and rigid. Flow in rigid tubes is governed by the Hagen-Poiseuille law. The law dictates that pressure gradient increases exponentially by the fourth power of the radius of the rigid sinusoid. This makes the cirrhotic liver virtually incapable of accommodating any increase in flow. The increase in pressure gradient is equivalent to the fourth power of the vessel radius. The first chapter explores the major new insight that decompensation in the cirrhotic liver is related to the loss of elasticity and the development of vessel wall rigidity, which thereafter subjects flow in the hepatic sinusoids to the Hagen-Poiseuille law. The rest of the book addresses portal hypertension in its clinical context. It invites the reader to survey multiple avenues associated with portal hypertension, including idiopathic non-cirrhotic portal hypertension, INCPH and non-alcoholic fatty liver disease, NAFLD. It also includes chapters on relationships between portal hypertension, the gastrointestinal system and the renal system. In general, the book provides several new insights into portal hypertension.

**Table of Contents:** Portal Hypertension in Liver Cirrhosis as a Consequence of Sinusoidal Wall Rigidity & Hagen-Poiseuille's Law; Hepatic Steatosis & Portal Hypertension; Unusual Manifestations of Portal Hypertension; Portal Hypertension & the Kidneys; Gastrointestinal Manifestations of Portal Hypertension; Idiopathic Non-Cirrhotic Portal Hypertension; Index.

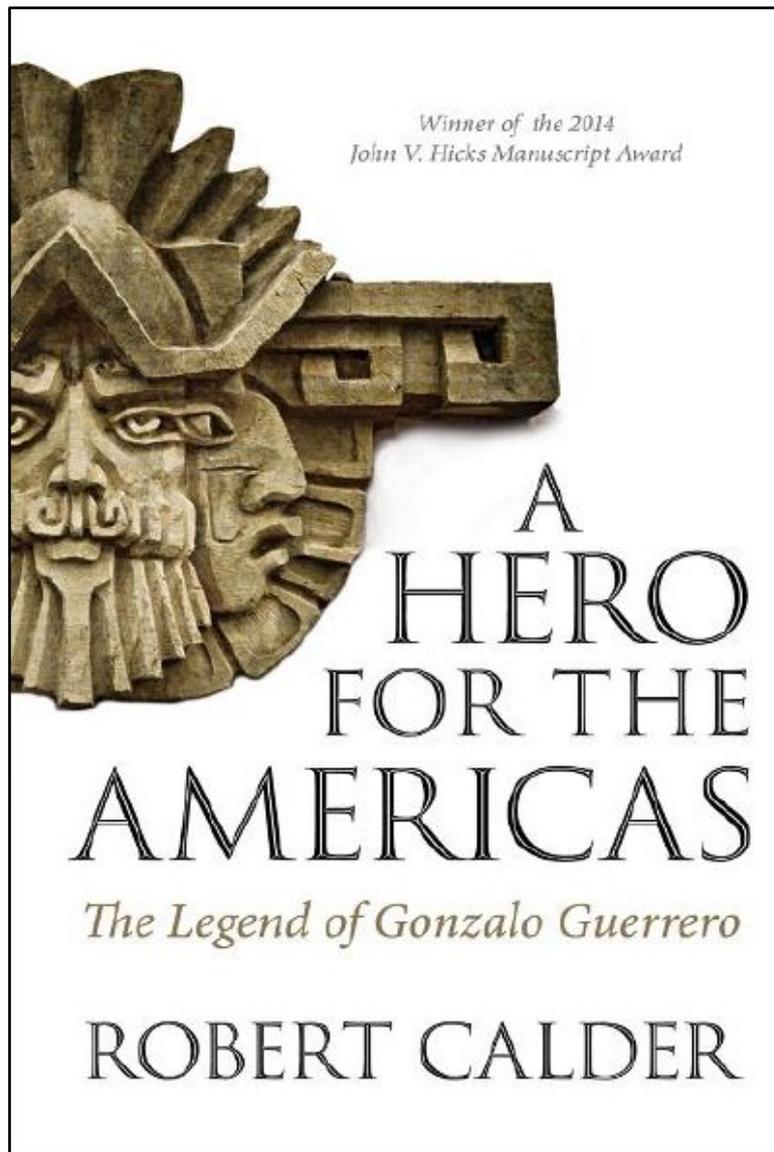
100 pages \* 155x230mm \* October 2017 \* PB \* 9781536120318 \* £78.50 \* Nova Science Publishers

**Subject:** Hepatology

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Gazelle Books



# A HERO FOR THE AMERICAS

## The Legend of Gonzalo Guerrero

Robert Calder

A group of shipwrecked Spaniards washed onto the coast of the Yucatàn Peninsula in 1512, leading to first contact between the Spanish and the Maya. Two men survived the ordeal: Jerónimo de Aguilar, who became a translator for Hernán Cortés in his conquest of the Aztecs, and Gonzalo Guerrero, who, as legend has it, embraced the Mayan way of life and skillfully led the opposition to the Spanish take-over of the Yucatàn. Reviled in 16th-century Spain as an apostate and a traitor, Guerrero is today remembered all over the Yucatàn with statues and images, and as the symbolic father of millions of Mexican mestizos. But like Robin Hood and King Arthur, Guerrero's story has become embellished by legend and myth. The product of fifteen years of research by a Governor General's Award winner, *A Hero for the Americas* is the first comprehensive investigation of this controversial figure.

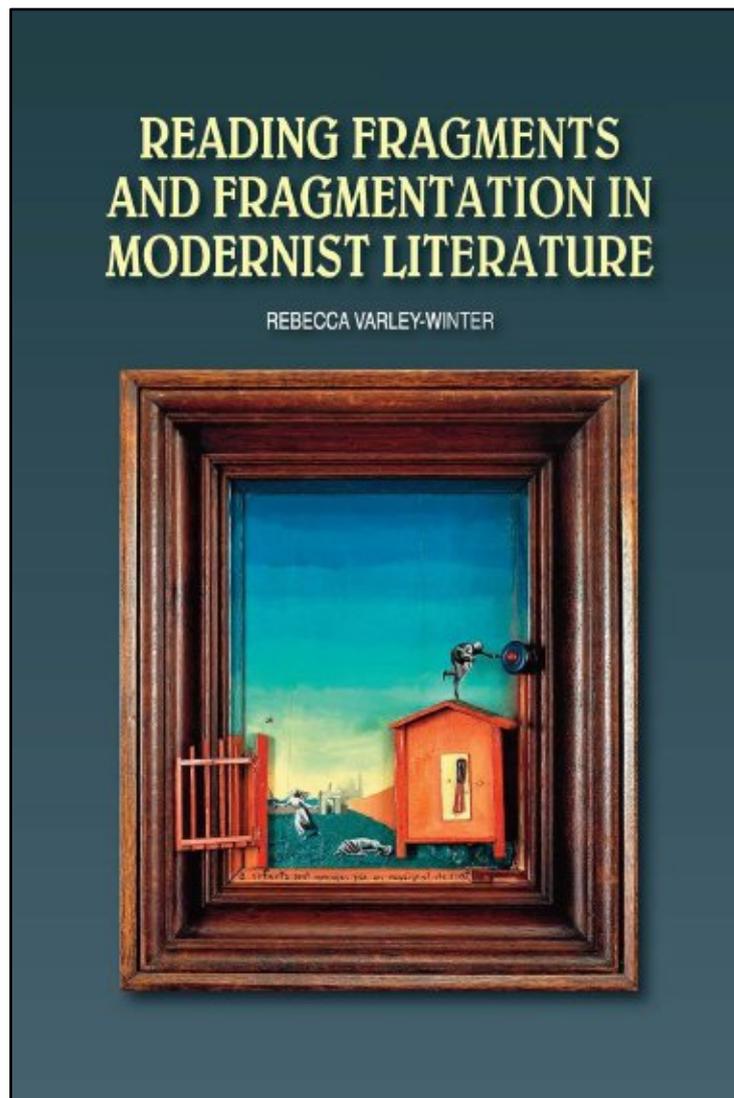
208 pages \* 125x205mm \* October 2017 \* PB \* 9780889775091 \* £19.50 \* University of Regina Press

**Subject:** History of the Americas: Mexico

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Gazelle Books



## READING FRAGMENTS & FRAGMENTATION IN MODERNIST LITERATURE

Rebecca Varley-Winter

This book begins with the question: How are literary fragments defined as such? As a critical term, 'fragment' is more of a starting-point than a definition: Is part of the manuscript missing? Is it grammatically incomplete, using unfinished sentences? Is it made to look unfinished? 'Fragment' and 'fragmentation' have been used to describe damaged manuscripts; drafts; notes; subverted grammatical structures; the emergence of vers libre from formal verse; texts without linear plots; translations; quotations; and works titled 'Fragment' regardless of how formally complete they might appear. This book offers a phenomenological reading of modernist literary fragments, arguing that fragments create states of conflicted embodiment in which mind and body cannot cleanly separate. Drawing on the concept of aestheticism as an overstimulated body, each chapter connects fragments to experiences of physical and emotional ambiguity, exploring difficulties in speaking, writing and translating; spasms of laughter; and disrupted vision. The author introduces fragmentation as an aspect of what Julia Kristeva and Hélène Cixous term 'écriture féminine', and offers new readings of the texts that Stéphane Mallarmé struggled to finish, associating his fragmentation with translation and the 'Crise' (Crisis) of vers libre. The author then considers the fragmentary affects of humour, ranging from Henri Bergson to Mina Loy and T S Eliot. The author ultimately weighs the claim of literary fragmentation as an ethical commitment to detail, embedded in the living body, against a view of fragments as more numbered traces or disembodied remnants.

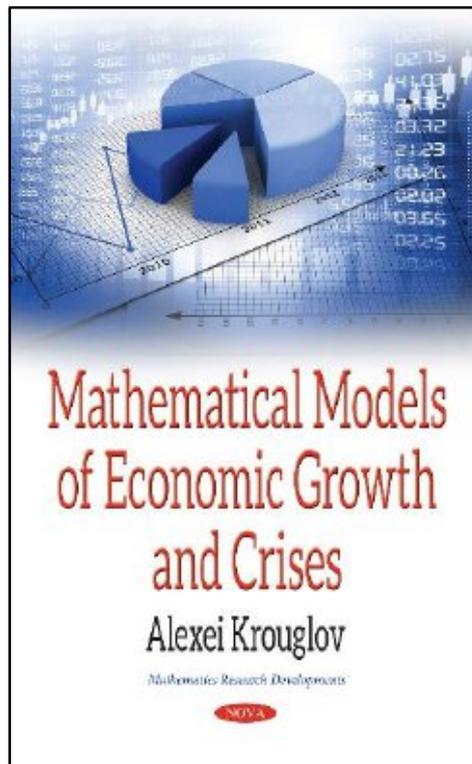
256 pages \* 155x230mm \* October 2017 \* HB \* 9781845198954 \* £55.00 \* Sussex Academic Press

**Subject:** Literature: History & Criticism

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# Gazelle Books



(Mathematics Research Developments Series)

# MATHEMATICAL MODELS OF ECONOMIC GROWTH & CRISES

Alexei Krouglov

The main goal of this book is to present coherent mathematical models to describe an economic growth and related economic issues. The book is a continuation of the author's previous book "Mathematical Dynamics of Economic Markets" (9781594545283), which presented mathematical models of economic forces acting on the markets. In his previous book, the author described a system of ordinary differential equations, which connected together economic forces behind the product's demand, supply and prices on the market. The author focuses on a specific aspect of how to modify the said system of ordinary differential equations, in order to describe the phenomenon of economic growth. In order to achieve clarity, the author restricted himself to economic processes arising on the markets of a single-product economy. Economic growth is presented as a result of savings and investment occurring on the markets. The market's participants withdraw part of the product from markets in the form of savings and use the withdrawn product in production in the form of an investment. The withdrawal drives the product's supply on the market down while at the same time driving the product's price up, which in turn drives the product's demand down. When an impact of the product's price increase exceeds an impact of the product's demand decrease, economic growth occurs. Contrarily, one observes an economic decline in the opposite situation. The author looks into various aspects that savings and investment exert on the market. He in particular discusses the models that examine an economic growth in situations when savings and investment were done in the form of a one-time withdrawal of the product, constant-rate withdrawal of product, constant-accelerated withdrawal of product, and exponential withdrawal of product from the market. The author further examines an impact of four economic concepts on economic growth -- demand, supply, investment, and debt. He presents mathematical models exploring interconnections among these concepts and studies their mutual impacts on both economic growth and decline. He builds a mathematical model in order to verify a hypothesis that weak recovery after the financial crisis could be attributed to the decline of investments that were not compensated by the decrease of an interest rate. The author also looks into the phenomenon of economic crises and builds a few mathematical models. The models of four economic crises are considered.

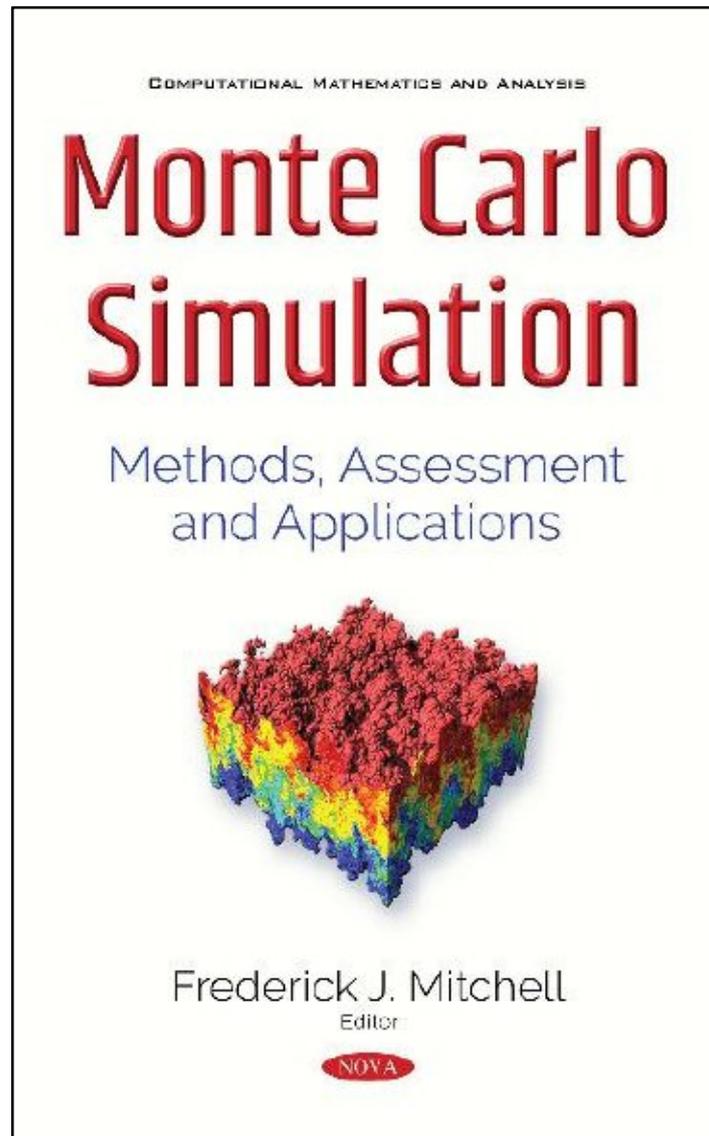
90 pages \* 155x230mm \* October 2017 \* HB \* 9781536120448 \* £152.50 \* Nova Science Publishers

**Subject:** Mathematical Modelling

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Gazelle Books



(Computational Mathematics & Analysis Series)

# MONTE CARLO SIMULATION

Methods, Assessment & Applications

Edited by Frederick J Mitchell

Chapter One presents a study on application of Monte Carlo simulation in reliability assessment of composite electric power systems. Chapter Two develops a PK/PD model to evaluate, by Monte Carlo simulation as a data maximisation strategy, the antiviral activity of two stavudine formulations: conventional stavudine and stavudine-gold nanoparticles (stavudine-AuNPs). In Chapter Three, the magnetic properties of the kagomé lattice is studied with Ruderman–Kittel–Kasuya–Yosida (RKKY) exchange interactions in a spin-7/2 and alternate mixed spin-5/2 and spin-2 Ising model on the Bethe lattice by using the Monte Carlo simulations.

**Table of Contents:** Preface; The Application of Parallel Monte Carlo Simulation in the Reliability Evaluation of Composite Electric Power Systems; PK/PD Analysis of Stavudine-Gold Nanoparticles by Monte Carlo Simulation; Monte Carlo Simulation of Magnetic Properties of a Mixed Spins Ferrimagnetic & Kagomé Lattice with RKKY Interaction; Bibliography; Index.

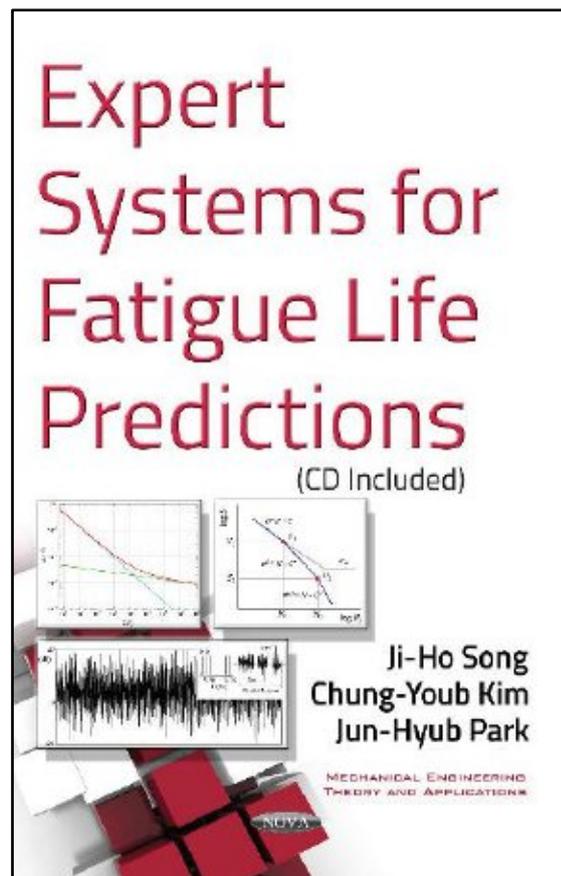
55 pages \* 155x230mm \* October 2017 \* PB \* 9781536119893 \* £78.50 \* Nova Science Publishers

**Subject:** Mathematical Theory of Computation

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Gazelle Books



(Mechanical Engineering Theory & Applications Series)

# EXPERT SYSTEMS FOR FATIGUE LIFE PREDICTIONS

Ji-Ho Song, Chung-Youb Kim & Jun-Hyub Park

Book & CD. Fatigue of materials is very important in designing mechanical structures and components. Recently, fatigue databases, databanks and some computer software have been developed for fatigue analysis or fatigue life predictions, and some of them have been commercially available. Those fatigue databases and fatigue analysis software tools are clearly very helpful for the design and analysis engineers to select materials, analyse fatigue performance or estimate fatigue life of structures and components. In order to utilise those databases and software tools successfully in practice, engineers as users are implicitly required to have, more or less, wide and deep, and sometimes even advanced knowledge of fatigue; in other words, this book conveys considerable expertise in fatigue. However, most of the design and analysis engineers do not always have sufficient knowledge in fatigue and therefore, it is not yet easy for them to conduct fatigue design and analysis successfully, although there are many databases and software tools available. An expert system is a very useful, convenient and powerful tool for ordinary engineers to treat complicated engineering problems such as fatigue design and analysis, which require considerable expertise. Although the importance of fatigue expert systems has long been recognized, there is hardly any practically available fatigue expert system to date. Over many years, the authors have been developing some expert systems for fatigue assessment, particularly for the estimation of fatigue properties and for fatigue crack initiation life prediction under variable loading. Recently, in response to a scientific research result, the authors have developed a practically applicable version. They think that the expert system developed is probably the first and only fatigue expert system in the world. This book introduces in detail the expert systems developed and provides the expert system software, most probably in CD. Although it is not developed for commercial purposes, the system software is very easy to use.

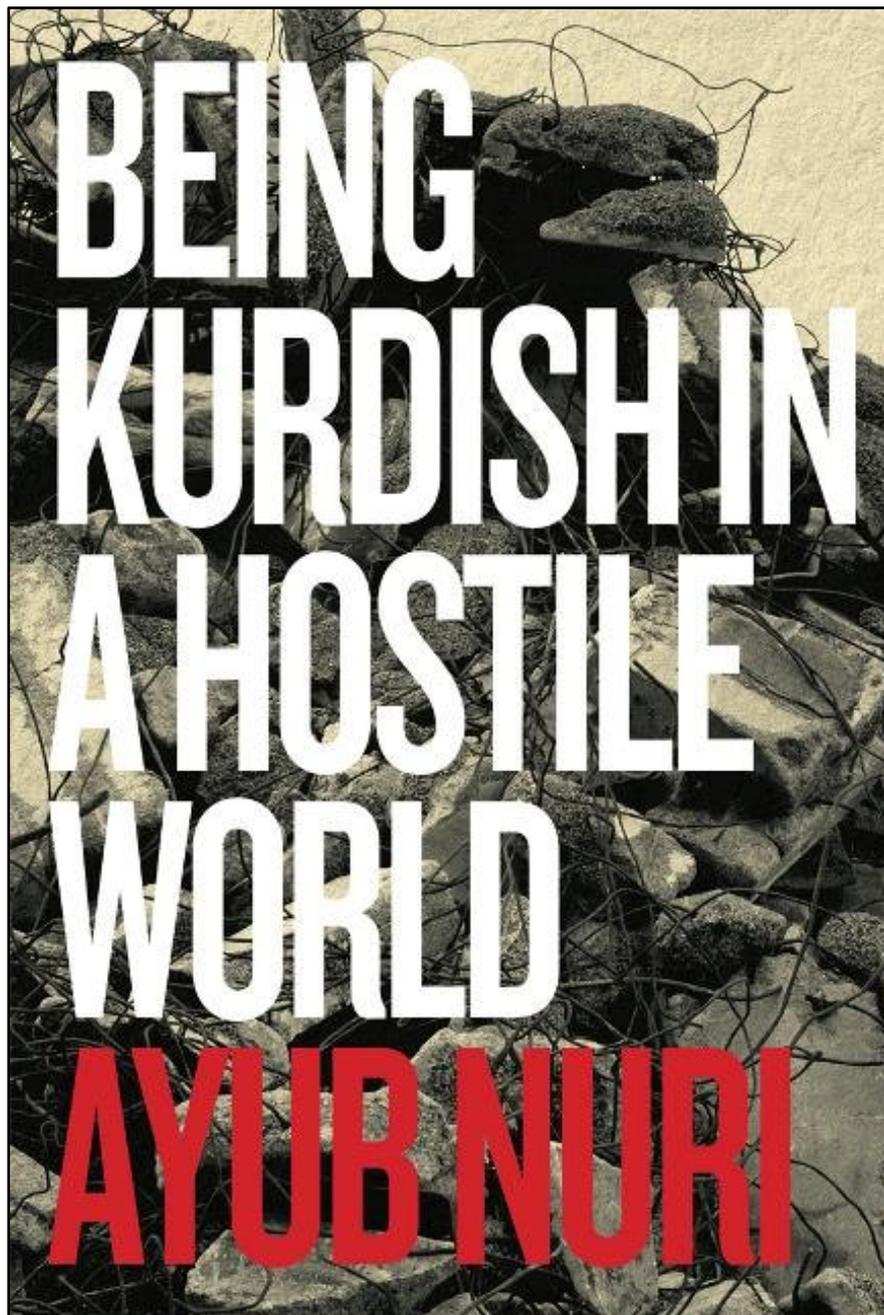
40 pages \* 155x230mm \* October 2017 \* PB \* 9781536108804 \* £78.50 \* Nova Science Publishers

**Subject:** Mechanical Engineering

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Gazelle Books



## BEING KURDISH IN A HOSTILE WORLD

Ayub Nuri

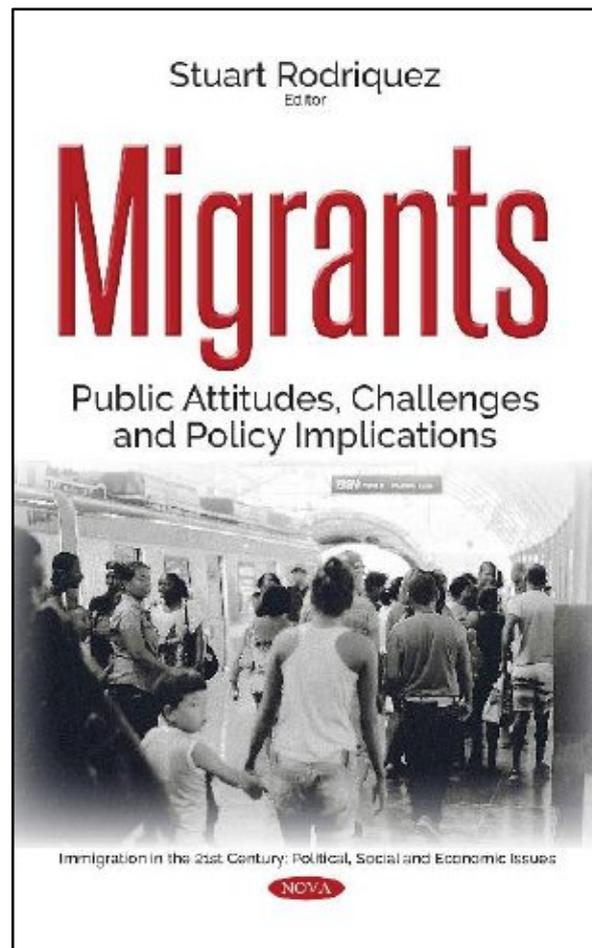
Ayub Nuri writes of growing up during the Iran-Iraq War, of Saddam Hussein's chemical attack killing 30 family members, of civil war, of living in refugee camps, and of years of starvation that followed the UN's sanctions. The story begins with the historic betrayal by the French and British that deprived the Kurds of a country of their own. Nuri recounts living through the 2003 American invasion and the collapse of Hussein's totalitarian rule, and how, for a brief period, he felt optimism for the future. Then came bloody sectarian violence, and recently, the harrowing ascent of ISIS, which Nuri reported from Mosul.

304 pages \* 155x230mm \* October 2017 \* PB \* 9780889774940 \* £23.50 \* University of Regina Press

**Subject:** Middle Eastern History



# Gazelle Books



(Immigration in the 21st Century -- Political, Social & Economic Issues Series)

# MIGRANTS

**Public Attitudes, Challenges & Policy Implications**

Edited by Stuart Rodriguez

Chapter One reviews the interplay between the phenomenon of migration and corresponding response from health care establishments, and analyses the challenges posed by migrant crises and its implications for the future of public healthcare. In Chapter Two, the authors discuss how different socio-economic and cultural disciplines, such as economics, anthropology, geography, political science, and health, have enriched the notion of transnationalism, which, defined simply, is multiple connections and interactions linking people and institutions across the borders of more than one nation-state. Chapter Three covers how decades of immigration exponentially increased the population of the overseas department of French Guyana and its effects on the nation. Chapter Four presents the results of a social-pedagogical research project regarding the current situation of the education of migrant farm workers in Mexico. Chapter Five considers the long-term influence of migration on the lives of the refugees and the citizens of Germany. Chapter Six explores whether or not the activities of migrant smuggling can be combated and prevented by parties in light of the current wording of these obligations laid down in the Protocol. Chapter Seven argues that the Protocol against the Smuggling of Migrants by Land, Sea and Air, Supplementing the United Nations Convention against Transnational Crime, 15 November 2000 has failed to offer a clear stand-alone and comprehensive framework of rights that protect smuggled migrants. Chapter Eight describes the current refugee and migration human rights situation and anti-migrant sentiment in Western countries. This book also includes an expert commentary that discusses why the migrant network and international migration cannot be schematically separated.

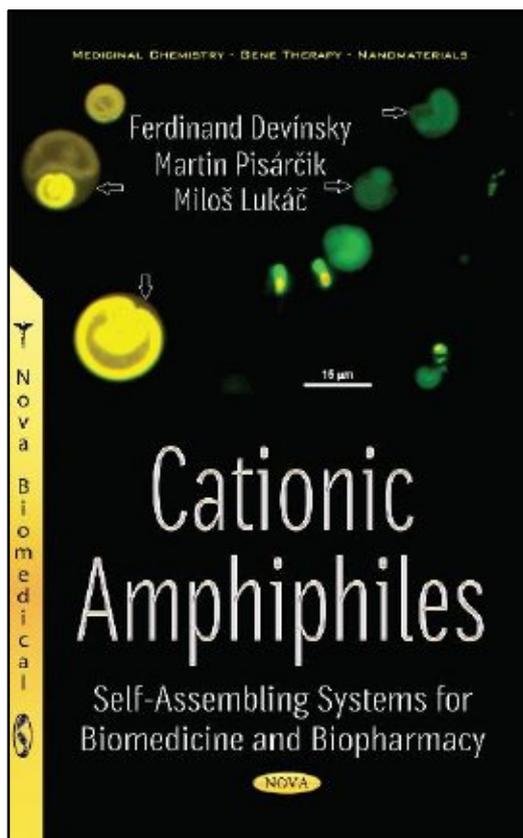
260 pages \* 155x230mm \* October 2017 \* HB \* 9781536120264 \* £185.99 \* Nova Science Publishers

**Subject:** Migration, Immigration & Emigration

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# Gazelle Books



(Pharmacology -- Research, Safety Testing & Regulation Series)

# CATIONIC AMPHIPHILES

Self-Assembling Systems for Biomedicine & Biopharmacy

Ferdinand Devinsky, Martin Pisarcik & Milos Lukac

Surfactants play an essential role in our daily lives. Their form of usage varies from detergents and cleaning agents through disinfectants and solubilisers up to industrial applications such as paints, oil recovery, anti-corrosion protective coatings, etc. A special distinct class of surfactants is represented by a double-chain, double-head form of surfactant molecules, which are called gemini surfactants. Gemini surfactants show physicochemical and aggregation properties which are superior to those of conventional, single-chain surfactants. From the perspective of applications, an important group of gemini surfactants is represented by cationic gemini surfactants. They have found numerous applications in the various fields such as solubilisation, textile coating, organic and polymer synthesis, electrochemistry, paper industry, etc. One of the most developing areas of cationic gemini surfactants application is the field of pharmaceutical applications. Interaction of cationic surfactants with the oppositely charged cell membrane has been known for a long time. Cationic gemini surfactants turned out to be very efficient bactericidal and antimicrobial agents. Moreover, recent development in this field indicates a cancerostatic effect of cationic geminis through a selective interaction of cationic gemini molecules with cancer cells. Another revolutionary field of cationic gemini surfactants application is their interaction with an oppositely charged electrolyte such as DNA. The interaction of DNA with various positively charged systems such as cationic surfactants, polymers and lipids is of great importance with respect to gene transmission through a biological cell membrane to achieve a therapeutic effect in a cell nucleus. The ambition of this monograph is to provide a complex view of synthesis, structure-aggregation, properties-biological activity relationship and recent applications of cationic gemini surfactants in the pharmaceutical field. Individual chapters in the monograph discuss the synthetic preparation of cationic surfactants, the effect of the structure of these compounds on their physical and physicochemical properties, particularly their aggregation properties and associated phenomena. A significant part of this publication is devoted to gemini surfactants, a relatively new class of surfactants whose special and surprising properties increasingly continue to draw the attention of the research community.

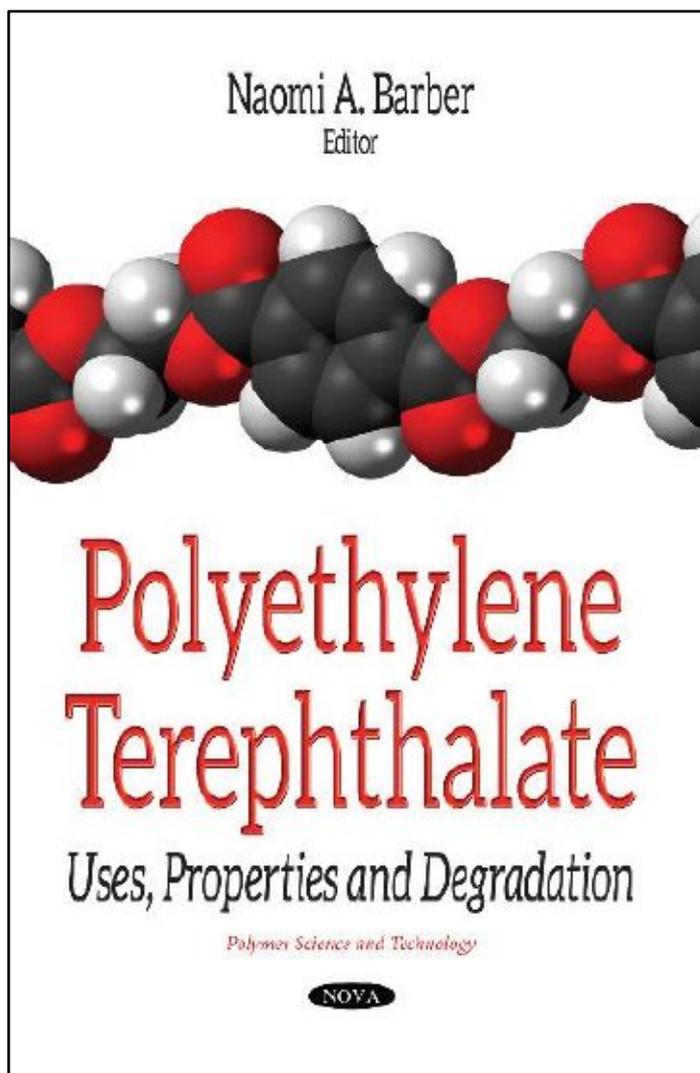
195 pages \* 155x230mm \* October 2017 \* HB \* 9781536119794 \* £90.50 \* Nova Science Publishers

**Subject:** Pharmacology

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Gazelle Books



(Polymer Science & Technology Series)

# POLYETHYLENE TEREPHTHALATE

## Uses, Properties & Degradation

Edited by Naomi A Barber

Polyethylene terephthalate (PET) is an aliphatic-aromatic and semicrystalline thermoplastic polyester of prime commercial and industrial importance. Namely, PET is a very important industrial polymer due to its excellent properties such as processability, chemical resistance, high tensile impact strength, high thermal stability and clarity. Chapter One summarises the synthesis and physicochemical properties of PET. In Chapter Two, the authors review the frequency-dependent parameters of the PET substrate, developments of the flexible RF electronics on PET substrate, and the challenges and potentials of RF applications using flexible electronics fabricated on PET films. Chapter Three presents a background of the current state of knowledge with respect to PET recycling.

**Table of Contents:** Preface; Poly(Ethylene Terephthalate): Synthesis & Physicochemical Properties; The Applications of Polyethylene Terephthalate for RF Flexible Electronics; Progress in Polyethylene Terephthalate Recycling; Index.

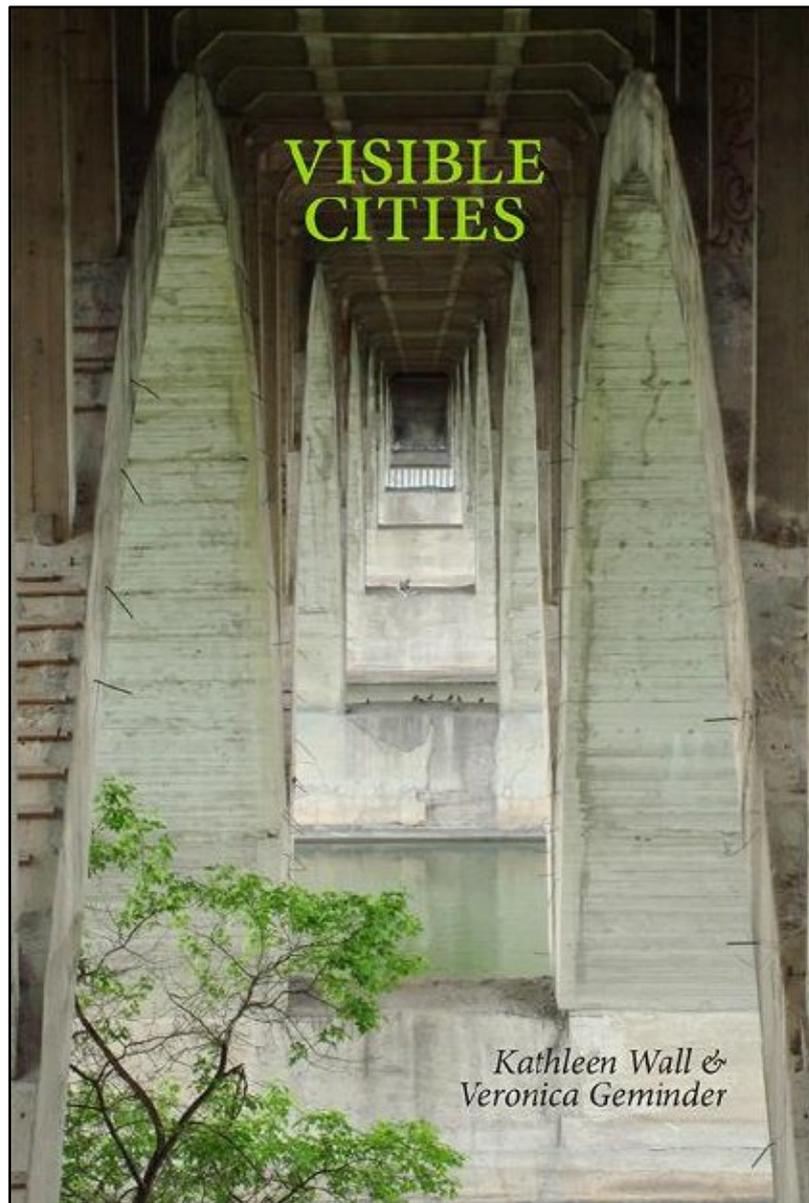
140 pages \* 155x230mm \* October 2017 \* PB \* 9781536119916 \* £78.50 \* Nova Science Publishers

**Subject:** Plastics & Polymers Technology

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# Gazelle Books



## VISIBLE CITIES

Kathleen Wall & Veronica Geminder

This book prompts readers to reconsider their relationship to the landscapes of cities. Poems explore streets in cities all over the world, while the photographs find beauty in back lanes, observe people taking their coffee breaks, capture people playing with a work of public art or pulling a ladder onto the roof of a downtown building. The language of the poems creates a poetic style that expresses the challenges and joys of living in cities. The photographs come from all over the world -- Regina, Saskatoon, Chicago, New York, Paris, and Venice.

**About the Author:** Kathleen Wall is the author of *Without Benefits of Words*, *Time's Body*, and *Blue Duets* which was shortlisted for the Saskatchewan Book Award for fiction. Veronica Geminder holds an Honours B.A. in the History of Art and Architecture from McGill University and a Masters in Philosophy in the History and Philosophy of Architecture from Cambridge University.

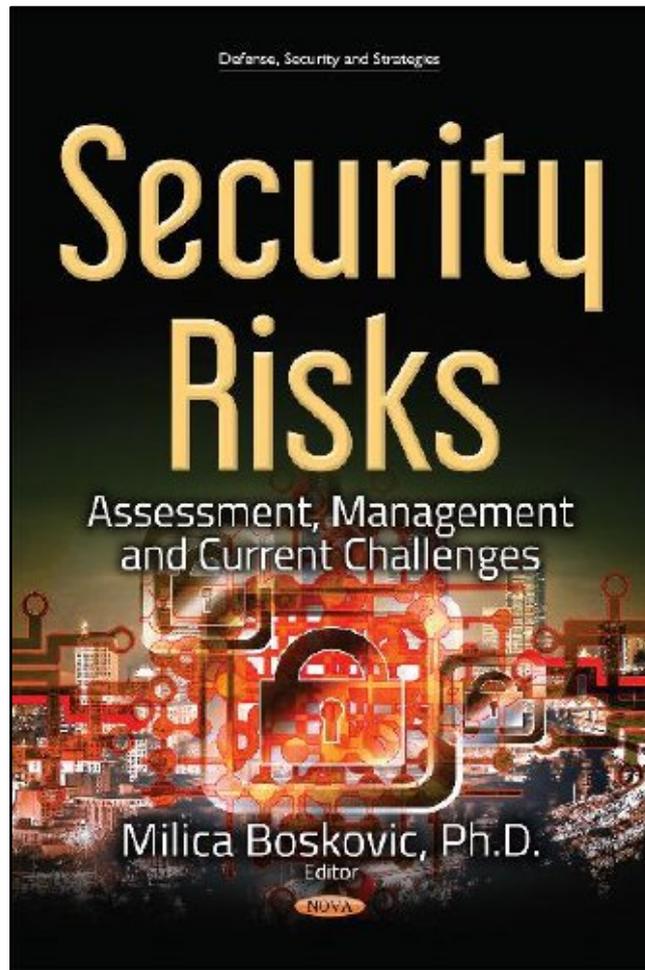
120 pages \* 155x230mm \* 37 colour photos \* October 2017 \* PB \* 9781552389591 \* £14.99 \* University of Calgary Press

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(Defense, Security & Strategies Series)

# SECURITY RISKS

Assessment, Management & Current Challenges

Edited by Milica Boskovic, Ph.D.

Security is one of the key pillars on which a stable society is built, and which guarantees the rights of its members. One of the modern strategies -- human security -- potentiates that economy, environment, security, social conditions and law are the main attributes and functions that provide citizen's with prosperity, a sense of safety and integrity. Good socio-economic conditions, healthy environment and respect for human rights provide a state with political and democratic strength. It also allows for business to be stronger and progressive. This edition aims to provide some of the key challenges for modern societies so that scientists may explain them and give some solutions for better risk and crisis management. Scientists and researchers from different areas and universities analysed risks from areas of IT, global health, migrations, social engineering, nuclear weaponry, environmental protection, private anti-crime business and different security policies. One of the aims of this edition is to explain how important it is to recognise all different challenges, not to neglect them, but to provide them with all possible legal solutions, technical solutions and knowledge to protect people, society and state from qualitatively different risks and consequences. Through this edition, experts and researches have tried to provide actual reviews of challenges of the twenty-first century and possible solutions for their understanding, prevention and/or minimalising damages in emergency situations.

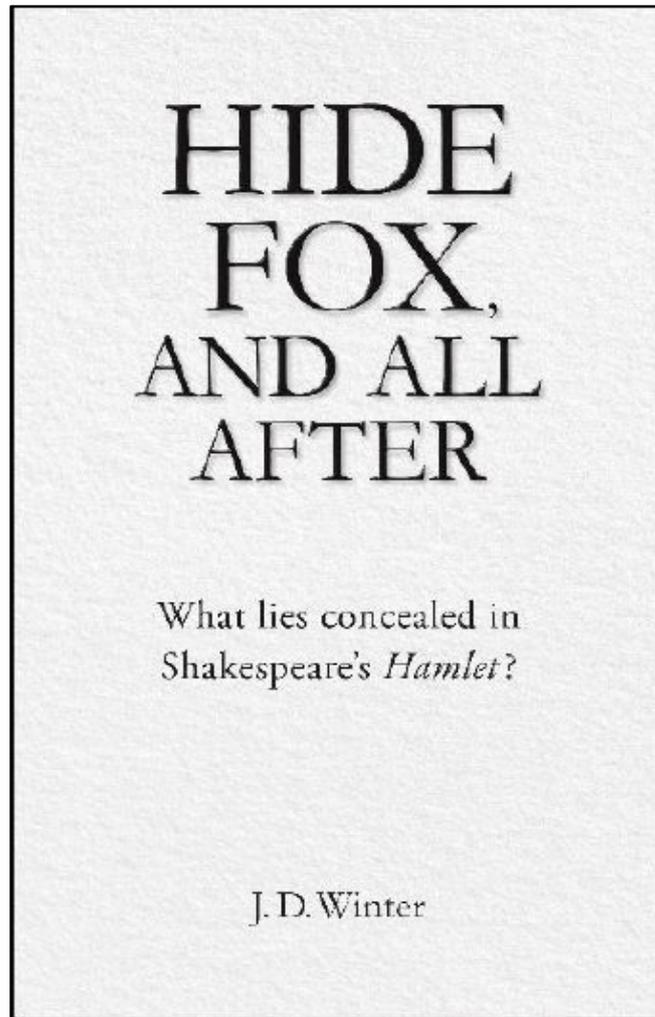
240 pages \* 155x230mm \* October 2017 \* HB \* 9781536120387 \* £152.50 \* Nova Science Publishers

**Subject:** Security Services

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# HIDE FOX & ALL AFTER

What Lies Concealed in Shakespeare's Hamlet?

J D Winter

Is there anything more to say on Hamlet? 'Hide fox, and all after', a casual quip of the Prince, as he and his enemy the King start to hunt each other down, is taken as the title for this closely-considered survey of the play. J D Winter finds question after question in it raised and unanswered, as if the play's dramatic method were in part to create uncertainty in its audience and so draw them in. He adopts three phrases from the text to provide a context for his approach: the play's the thing, a rhapsody of words, and the invisible event. The first phrase suggests the spectacle itself, without regard to what has been written about it. There is no reference to outside opinion nor is another literary work named. The second indicates an awareness of the text as poem. While the tremendous sweep of Shakespearean blank verse, the prose-paragraphs on fire with their own poetry, the whispering gallery of metaphor, can scarcely be accorded proper respect in a prose commentary, certain rhapsodic effects are everywhere noted. Finally, the play is contained within a mystery. So much seems to happen; so little seems to happen. Almost all the major characters are subject to a pattern of error in their dealings as they are swept on from one catastrophic misjudgement to another. The level to which the play is focussed upon the blind time between events is unusually high. This too draws in the audience; it is a part of the spectator's own internal experience. There can be no definitive answer to Hamlet or Hamlet. But like a signpost in a swarming mist, the third phrase may offer a faint clue: the invisible event.

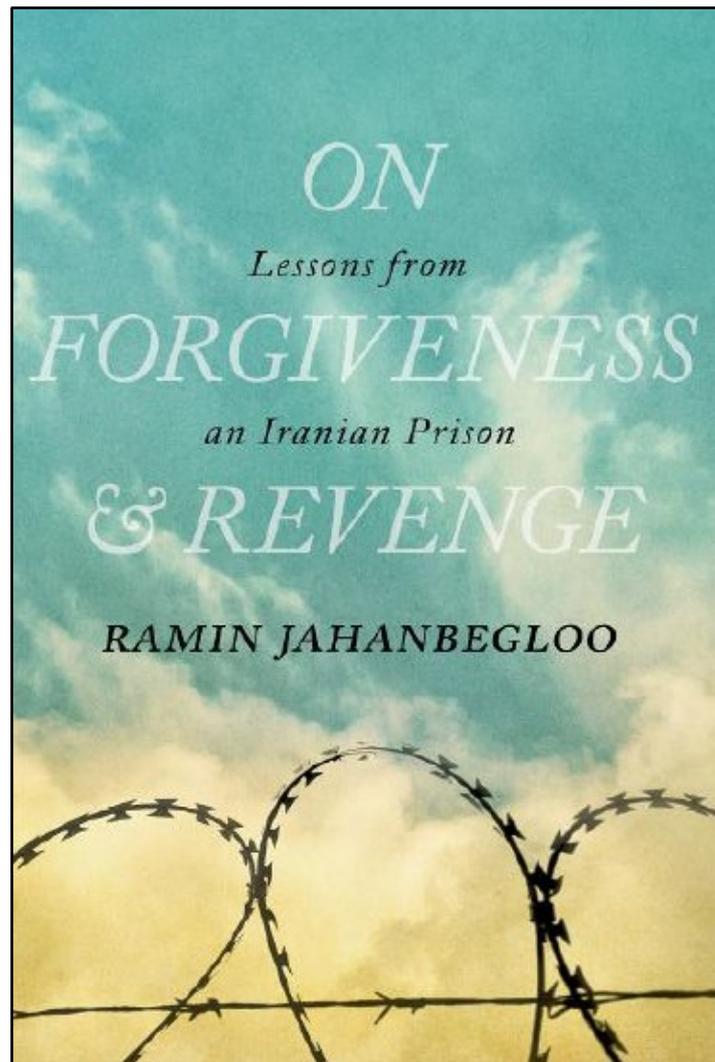
200 pages \* 140x215mm \* October 2017 \* PB \* 9781845198879 \* £15.95 \* Sussex Academic Press

**Subject:** Shakespeare Studies & Criticism

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(Regina Collection Series)

# ON FORGIVENESS & REVENGE

Lessons from an Iranian Prison

Ramin Jahanbegloo

"As I walked out the door toward the gate that would lead to my freedom, I knew if I didn't leave my bitterness and hatred behind, I'd still be in prison." -- **Nelson Mandela**

Upon his release from Iran's notorious Evin Prison, philosopher Ramin Jahanbegloo contemplated the words of Mandela as he grappled with demons arising from being unjustly imprisoned. He then began to wrestle with ideas of forgiveness versus revenge, and wondered if the politics of forgiveness could offer salvation in a world where revenge endangers the social and political fabric of our lives. "What is forgiveness, and how do we get there?" Jahanbegloo asks, in this follow-up to his internationally celebrated book *Time Will Say Nothing: A Philosopher Survives an Iranian Prison*. Prevaling upon the wisdom of the Ancients, the Dalai Lama, and other great thinkers, this meditation on forgiveness and revenge offers insights into building a more peaceful world during this time of nationalism and exclusion.

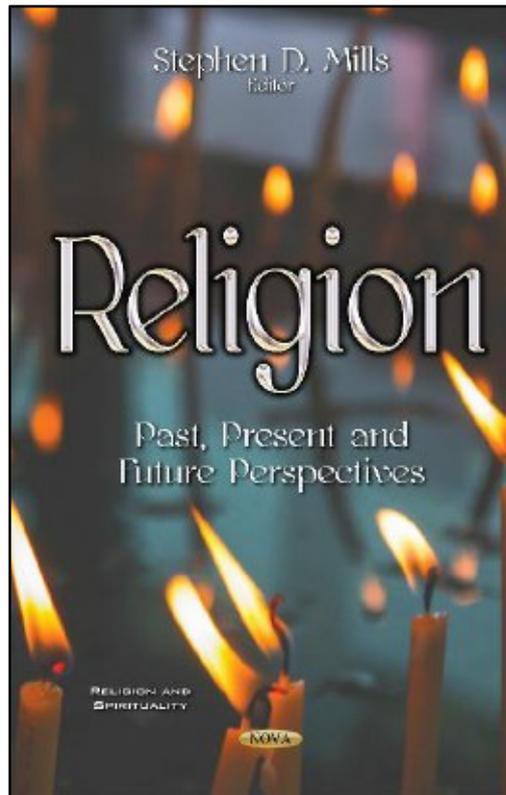
250 pages \* 105x165mm \* October 2017 \* HB \* 9780889775008 \* £19.99 \* University of Regina Press

**Subject:** Social & Political Philosophy

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# Gazelle Books



(Religion & Spirituality Series)

# RELIGION

Past, Present & Future Perspectives

Edited by Stephen D Mills

Chapter One provides a deeper understanding of Islam and how Muslims cope with illness. Coping is explored providing Chronic Kidney Disease (CKD) perspective. The authors of Chapter Two argue that contrary to the use of the Qur'an for spiritual and magical purposes, the wave of commercialisation portrayed its practitioners as instruments of evil in the garb of Islam, and syncretic practices dominated the scene of Muslims' practice of spiritual diagnosis and healing. Chapter Three covers Donald J Trump's electoral victory and how it reflects Evangelical Christianity's profound influence and impact on modern America. Chapter Four presents a series of critical considerations about religious belief and unbelief, starting from a general "anatheistic" assumption, and thus accepting the challenge of rethinking the question of God "after God". Chapter Five discusses the appearance of new forms of alternative spirituality, and covers how this "tradition" is understood in the context of contemporary spirituality by showing it is rooted in previous historical-cultural traditions. Chapter Six proposes why religion might be thriving in developing Africa, Asia, and Latin America and be an everlasting social phenomenon even in economically advanced West in spite of the decline in Western religious participation (as measured by church attendance). To conclude, Chapter Seven focuses on reactions to the revivalist movements and describe how such counter-revivals have contributed to the secularization of American society.

**Table of Contents:** Preface; Coping with Chronic Illness: A Question of Faith Providing a Chronic Kidney Disease (CKD) Viewpoint; Qur'anotherapy & the Quest for Islamisation of Yorubaland, Nigeria; Evangelical Christianity as a Populist Political Force: The Case of Donald Trump's Unlikely Victory; Landscapes of "New Western (Ir)religiosity": Mutual Plausibility of the Theistic & Atheistic Options as an Unexpected Effect of Post-Secular Society; The Emergent Tradition of the New Spirituality; Why Religion Might Persist in a Globalized Market Economy: An Economic Modeling Approach; After the Love Has Gone: The Historical Effects of Revivalism; Index.

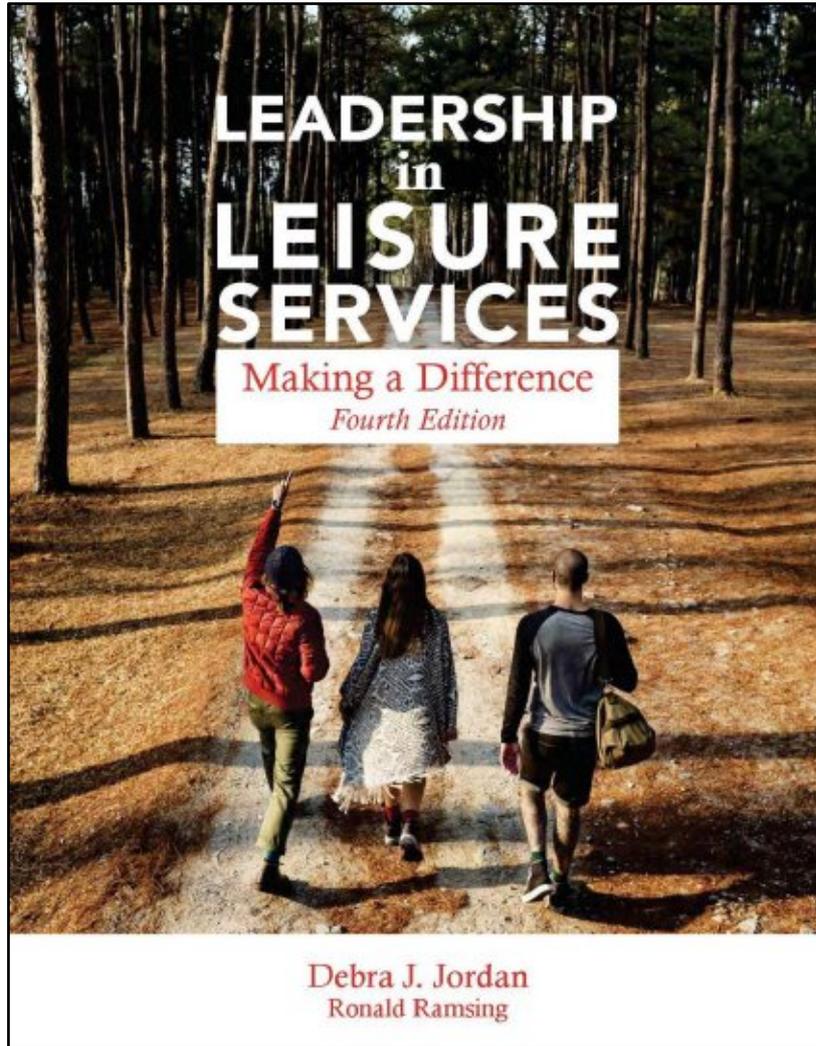
185 pages \* 155x230mm \* October 2017 \* HB \* 9781536119930 \* £90.50 \* Nova Science Publishers

**Subject:** Spirituality & Religious Experience

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# Gazelle Books



## LEADERSHIP IN LEISURE SERVICES

### Making a Difference

Debra J Jordan & Ronald Ramsing

Often requested and fully updated, the 4th edition of "Leadership in Leisure Services: Making a Difference" includes fully updated chapters with contemporary practices for leadership in the broad field of recreation and parks. In addition, the first two chapters of previous editions (introductory material and leadership theories) have been combined into one chapter; this enhances the flow of material while still setting the stage for understanding leadership as an important construct in our discipline. The text continues to integrate issues of diversity throughout the chapters and includes new information about the impact of microaggressions on participants in a range of recreation settings. Additional emphasis is put on professional practice -- becoming a recreation and parks professional and continuing professional development are addressed in such a way as to encourage students to view professionalism as a journey rather than an end. Group development is presented using the Tuckman model and social issues have been updated to include the role of professionals in addressing the obesity epidemic as well as bullying and violence. All material has been updated to reflect the current state of research in each topic area. Test questions and PowerPoint presentations for each chapter are included as ancillaries.

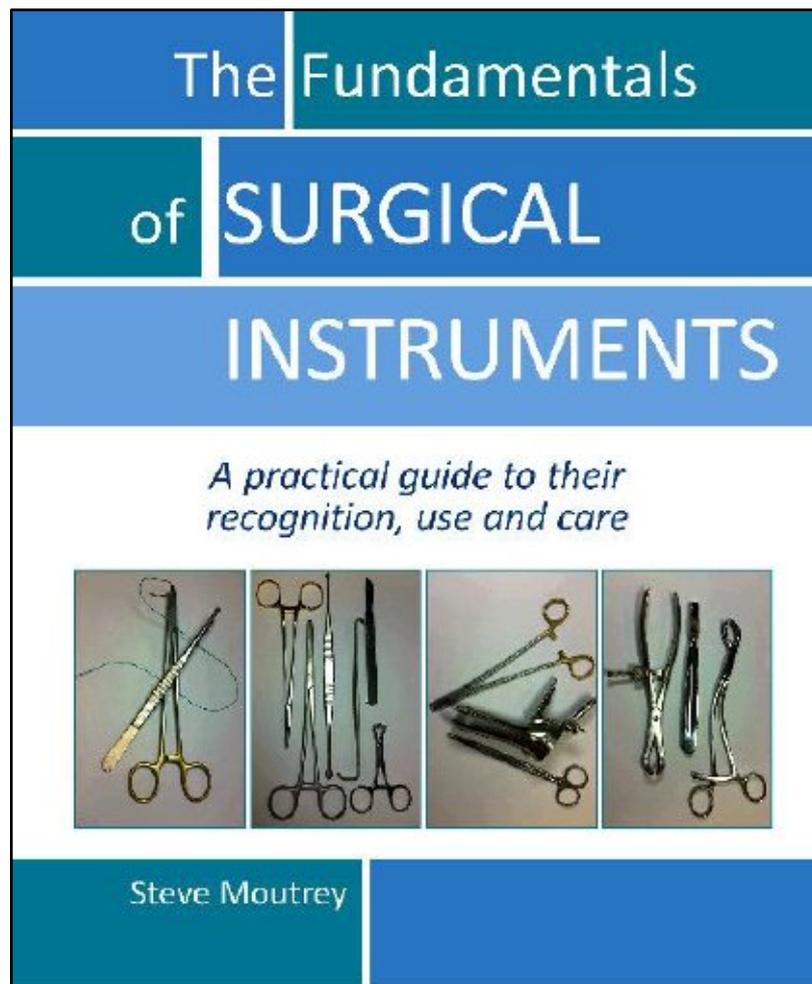
180x260mm \* October 2017 \* PB \* 9781571678553 \* £84.99 \* Sagamore Publishing

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# THE FUNDAMENTALS OF SURGICAL INSTRUMENTS

**A Practical Guide to their Recognition, Use & Care**

Steve Moutrey

This book provides a sound introduction to surgical instrumentation, including their recognition, use and care. It provides useful information that is essential for operating department practitioners, nurses, scrub practitioners, surgeons under training, surgical technologists, junior doctors and medical students. Descriptions of how and where the instruments are used will also aid in the knowledge required for their application, providing an understanding of instruments for specific procedures. The book is relevant to surgical practice around the world. It also aligns with the core curriculum of the Association of Surgical Technologists in the United States. This book provides the fundamental knowledge required for students and qualified staff working within the perioperative environment, to ensure the safe and efficient use of surgical instrumentation and ultimately the care of the surgical patient as a result.

**About the Author:** Steve Moutrey has a vast experience within the operating theatre environment spanning more than 40 years, starting his career in the Royal Navy (26 years), and then moving into the NHS. He is now a Senior Lecturer within the School of Health Sciences and Social Work at the University of Portsmouth and teaches on perioperative courses and allied areas.

270 pages \* 190x230mm \* 360 photos \* October 2017 \* SB 9781910079553 \* £39.99 \* TFM Publishing

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***Gazelle Forthcoming***

***ACADEMIC / STM***

***October 2017***

Stuart Rodriguez  
Editor

# Migrants

Public Attitudes, Challenges  
and Policy Implications



Immigration in the 21st Century: Political, Social and Economic Issues

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