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**KEY=EDITION - MURRAY HOLDEN**

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## Tools for Strengths-Based Assessment and Evaluation

Springer Publishing Company *Print+CourseSmart*

## Perspectives on Atmospheric Sciences

*Springer* This book provides the proceedings of the 13th International Conference of Meteorology, Climatology and Atmospheric Physics (COMECAP 2016) that is held in Thessaloniki from 19 to 21 September 2016. The Conference addresses fields of interest for researchers, professionals and students related to the following topics: Agricultural Meteorology and Climatology, Air Quality (Indoor and Outdoor), Applied Meteorology and Climatology, Applications of Meteorology in the Energy sector, Atmospheric Physics and Chemistry, Atmospheric Radiation, Atmospheric Boundary layer, Biometeorology and Bioclimatology, Climate Dynamics, Climatic Changes, Cloud Physics, Dynamic and Synoptic Meteorology, Extreme Events, Hydrology and Hydrometeorology, Mesoscale Meteorology, Micrometeorology-Urban Microclimate, Remote Sensing- Satellite Meteorology and Climatology, Weather Analysis and Forecasting. The book includes all papers that have been accepted after peer review for presentation in the conference.

## Forecasting with Exponential Smoothing

## The State Space Approach

*Springer Science & Business Media* Exponential smoothing methods have been around since the 1950s, and are still the most popular forecasting methods used in business and industry. However, a modeling framework incorporating stochastic models, likelihood calculation, prediction intervals and procedures for model selection, was not developed until recently. This book brings together all of the important new results on the state space framework for exponential smoothing. It will be of interest to people wanting to apply the methods in their own area of interest as well as for researchers wanting to take the ideas in new directions. Part 1 provides an introduction to exponential smoothing and the underlying models. The essential details are given in Part 2, which also provide links to the most important papers in the literature. More advanced topics are covered in Part 3, including the mathematical properties of the models and extensions of the models for specific problems. Applications to particular domains are discussed in Part 4.

## Data Assimilation for Atmospheric, Oceanic and Hydrologic Applications (Vol. II)

*Springer Science & Business Media* This book contains the most recent progress in data assimilation in meteorology, oceanography and hydrology including land surface. It spans both theoretical and applicative aspects with various methodologies such as variational, Kalman filter, ensemble, Monte Carlo and artificial intelligence methods. Besides data assimilation, other important topics are also covered including targeting observation, sensitivity analysis, and parameter estimation. The book will be useful to individual researchers as well as graduate students for a reference in the field of data assimilation.

## Forecasting: principles and practice

*OTexts* Forecasting is required in many situations. Stocking an inventory may require forecasts of demand months in advance. Telecommunication routing requires traffic forecasts a few minutes ahead. Whatever the circumstances or time horizons involved, forecasting is an important aid in effective and efficient planning. This textbook provides a comprehensive introduction to forecasting methods and presents enough information about each method for readers to use them sensibly.

## Handbook of New Institutional Economics

*Springer Science & Business Media* New Institutional Economics (NIE) has skyrocketed in scope and influence over the last three decades. This first Handbook of NIE provides a unique and timely overview of recent developments and broad orientations. Contributions analyse the domain and perspectives of NIE; sections on legal institutions, political institutions, transaction cost economics, governance, contracting, institutional change, and more capture NIE's interdisciplinary nature. This Handbook will be of interest to economists, political scientists, legal scholars, management specialists, sociologists, and others wishing to learn more about this important subject and gain insight into progress made by institutionalists from other disciplines. This compendium of analyses by some of the foremost NIE specialists, including Ronald Coase, Douglass North, Elinor Ostrom, and Oliver Williamson, gives students and new researchers an introduction to the topic and offers established scholars a reference book for their research.

## Biomedical Visualisation

## Volume 3

**Springer** This edited book explores the use of technology to enable us to visualise the life sciences in a more meaningful and engaging way. It will enable those interested in visualisation techniques to gain a better understanding of the applications that can be used in visualisation, imaging and analysis, education, engagement and training. The reader will be able to explore the utilisation of technologies from a number of fields to enable an engaging and meaningful visual representation of the biomedical sciences, with a focus in this volume related to anatomy, and clinically applied scenarios. The first six chapters have an anatomical focus examining digital technologies and applications to enhance education. The first examines the history and development of ultrasound, applications in an educational setting, and as a point-of-care ultrasound at the bedside. The second chapter presents a transferable workflow methodology in creating an interactive educational and training package to enhance understanding of the circadian rhythm. The third chapter reviews tools and technologies, which can be used to enhance off-campus learning, and the current range of visualisation technologies like virtual, augmented and mixed reality systems. Chapter four discusses how scanning methodologies like CT imagery, can make stereoscopic models. The fifth chapter describes a novel way to reconstruct 3D anatomy from imaging datasets and how to build statistical 3D shape models, described in a clinical context and applied to diagnostic disease scoring. The sixth chapter looks at interactive visualisations of atlases in the creation of a virtual resource, for providing next generation interfaces. The seventh and eight chapters discuss neurofeedback for mental health education and interactive visual data analysis (applied to irritable bowel disease) respectively. The final two chapters examine current immersive technologies –virtual and augmented reality, with the last chapter detailing virtual reality in patients with dementia. This book is accessible to a wide range of users from faculty and students, developers and computing experts, the wider public audience. It is hoped this will aid understanding of the variety of technologies which can be used to enhance understanding of clinical conditions using modern day methodologies.

## Fundoplication Surgery

### A Clinical Guide to Optimizing Results

**Springer** This book is intended for surgeons wanting to take their antireflux practice to an advanced level. It focuses on what experts do in real life, highlights pitfalls in skillful patient selection and fundoplication surgical technique, and addresses how to handle the “curve balls”. It also provides recommendations on obtaining high patient satisfaction and building relationships with referring physicians. It is intended as an “expert” level manual to help readers move to the next level in their practices. From patient assessment and selection, anticipation of perioperative challenges, intraoperative problem-solving and technique, and postoperative management of side-effects, to reducing long-term recurrence rates and resumption of antisecretory medication, these expert authors dig deep to share the pearls of wisdom that make the difference between the average surgeon and the expert. Written by experts in the field, *Fundoplication Surgery: A Clinical Guide to Optimizing Results* confronts the issues that have hindered the broader use of fundoplication nationally and is a valuable resource and reference guide for addressing ambiguous symptoms and test results in one’s practice.

## Strengths-Based Nursing Care

### Health And Healing For Person And Family

**Springer Publishing Company** This is the first practical guide for nurses on how to incorporate the knowledge, skills, and tools of Strength-Based Nursing Care (SBC) into everyday practice. The text, based on a model developed by the McGill University Nursing Program, signifies a paradigm shift from a deficit-based model to one that focuses on individual, family, and community strengths as a cornerstone of effective nursing care. The book develops the theoretical foundations underlying SBC, promotes the acquisition of fundamental skills needed for SBC practice, and offers specific strategies, techniques, and tools for identifying strengths and harnessing them to facilitate healing and health. The testimony of 46 nurses demonstrates how SBC can be effectively used in multiple settings across the lifespan.

## Advances in Production Management Systems. The Path to Intelligent, Collaborative and Sustainable Manufacturing

### IFIP WG 5.7 International Conference, APMS 2017, Hamburg, Germany, September 3-7, 2017, Proceedings, Part II

**Springer** The two-volume set IFIP AICT 513 and 514 constitutes the refereed proceedings of the International IFIP WG 5.7 Conference on Advances in Production Management Systems, APMS 2017, held in Hamburg, Germany, in September 2017. The 121 revised full papers presented were carefully reviewed and selected from 163 submissions. They are organized in the following topical sections: smart manufacturing system characterization; product and asset life cycle management in smart factories of industry 4.0; cyber-physical (IIoT) technology deployments in smart manufacturing systems; multi-disciplinary collaboration in the development of smart product-service solutions; sustainable human integration in cyber-physical systems: the operator 4.0; intelligent diagnostics and maintenance solutions; operations planning, scheduling and control; supply chain design; production management in food supply chains; factory planning; industrial and other services; operations management in engineer-to-order manufacturing; gamification of complex systems design development; lean and green manufacturing; and eco-efficiency in manufacturing operations.

## International Handbook of Research in Arts Education

**Springer Science & Business Media** Providing a distillation of knowledge in the various disciplines of arts education (dance, drama, music, literature and poetry and visual arts), this essential handbook synthesizes existing research literature, reflects on the past, and contributes to shaping the future of the respective and integrated disciplines of arts education. While research can at times seem distant from practice, the Handbook aims to maintain connection with the live practice of art and of education, capturing the vibrancy and best thinking in the field of theory and practice. The Handbook is organized into 13 sections, each focusing on a major area or issue in arts education research.

## The History of Music Production

**Oxford University Press** In *The History of Music Production*, Richard James Burgess draws on his experience as a producer, musician, and author. Beginning in 1860 with the first known recording of an acoustic sound and moving forward chronologically, Burgess charts the highs and lows of the industry throughout the decades and concludes with a discussion on the present state of music production. Throughout, he tells the story of the music producer as both artist and professional, including biographical sketches of key figures in the history of the industry, including Fred Gaisberg, Phil Spector, and Dr. Dre. Burgess argues that while technology has defined the nature of music production, the drive toward greater control over the process, end result, and overall artistry come from producers. The result is a deeply knowledgeable book that sketches a critical path in the evolution of the field, and analyzes the impact that recording and disseminative technologies have had on music production. A key and handy reference book for students and scholars alike, it stands as an ideal companion to Burgess’s noted, multi-edition book *The Art of Music Production*.

## Sustainability in a Digital World

## New Opportunities Through New Technologies

**Springer** This book offers a comprehensive introduction to the different emerging concepts in the innovative area of sustainability and digital technology. More than 20 leading thinkers from the fields of digitalization, strategic management, sustainability and organizational development share clearly structured insights on the latest developments, advances and remaining challenges concerning the role of sustainability in an increasingly digital world. The authors not only introduce a profound and unique analysis on the state-of-the art of sustainability and digital transformation, but also provide business leaders with practical advice on how to apply the latest management thinking to their daily business decisions. Further, a number of significant case studies exemplify the issues discussed and serve as valuable blueprints for decision makers.

## Entertainment Science

### Data Analytics and Practical Theory for Movies, Games, Books, and Music

**Springer** The entertainment industry has long been dominated by legendary screenwriter William Goldman's "Nobody-Knows-Anything" mantra, which argues that success is the result of managerial intuition and instinct. This book builds the case that combining such intuition with data analytics and rigorous scholarly knowledge provides a source of sustainable competitive advantage – the same recipe for success that is behind the rise of firms such as Netflix and Spotify, but has also fueled Disney's recent success. Unlocking a large repertoire of scientific studies by business scholars and entertainment economists, the authors identify essential factors, mechanisms, and methods that help a new entertainment product succeed. The book thus offers a timely alternative to "Nobody-Knows" decision-making in the digital era: while coupling a good idea with smart data analytics and entertainment theory cannot guarantee a hit, it systematically and substantially increases the probability of success in the entertainment industry. Entertainment Science is poised to inspire fresh new thinking among managers, students of entertainment, and scholars alike. Thorsten Hennig-Thurau and Mark B. Houston – two of our finest scholars in the area of entertainment marketing – have produced a definitive research-based compendium that cuts across various branches of the arts to explain the phenomena that provide consumption experiences to capture the hearts and minds of audiences. Morris B. Holbrook, W. T. Dillard Professor Emeritus of Marketing, Columbia University Entertainment Science is a must-read for everyone working in the entertainment industry today, where the impact of digital and the use of big data can't be ignored anymore. Hennig-Thurau and Houston are the scientific frontrunners of knowledge that the industry urgently needs. Michael Kölmel, media entrepreneur and Honorary Professor of Media Economics at University of Leipzig Entertainment Science's winning combination of creativity, theory, and data analytics offers managers in the creative industries and beyond a novel, compelling, and comprehensive approach to support their decision-making. This ground-breaking book marks the dawn of a new Golden Age of fruitful conversation between entertainment scholars, managers, and artists. Allègre Hadida, Associate Professor in Strategy, University of Cambridge

### Conceptualizing Environmental Citizenship for 21st Century Education

**Springer Nature** This Open Access book is about the development of a common understanding of environmental citizenship. It conceptualizes and frames environmental citizenship taking an educational perspective. Organized in four complementary parts, the book first explains the political, economic and societal dimensions of the concept. Next, it examines environmental citizenship as a psychological concept with a specific focus on knowledge, values, beliefs and attitudes. It then explores environmental citizenship within the context of environmental education and education for sustainability. It elaborates responsible environmental behaviour, youth activism and education for sustainability through the lens of environmental citizenship. Finally, it discusses the concept within the context of different educational levels, such as primary and secondary education in formal and non-formal settings. Environmental citizenship is a key factor in sustainability, green and cycle economy, and low-carbon society, and an important aspect in addressing global environmental problems. It has been an influential concept in many different arenas such as economy, policy, philosophy, and organizational marketing. In the field of education, the concept could be better exploited and established, however. Education and, especially, environmental discourses in science education have a great deal to contribute to the adoption and promotion of environmental citizenship.

## Digital Mammography

### A Holistic Approach

**Springer** This book offers a single publication to be utilised comprehensively as a reference manual within current mammographic clinical practice for use by assistant practitioners and practitioners as well as trainees in radiography and related disciplines. In recent years mammographic clinical practice and technology have evolved rapidly and become increasingly sophisticated, this book will cover these issues. The public feel increasingly empowered to 'have a say' in their care and expectations of their mammography experience is high. Consequently a well-trained, well-informed practitioner is of paramount importance in clinical practice today. This book addresses patient/client-related issues in the form of psychological and emotional support they may require. This will enable the reader to gain insight into the patient/client perspective and thereby assist in meeting their needs.

## Knowledge Solutions

### Tools, Methods, and Approaches to Drive Organizational Performance

**Springer** This book is open access under a CC BY-NC 3.0 IGO license. This book comprehensively covers topics in knowledge management and competence in strategy development, management techniques, collaboration mechanisms, knowledge sharing and learning, as well as knowledge capture and storage. Presented in accessible "chunks," it includes more than 120 topics that are essential to high-performance organizations. The extensive use of quotes by respected experts juxtaposed with relevant research to counterpoint or lend weight to key concepts; "cheat sheets" that simplify access and reference to individual articles; as well as the grouping of many of these topics under recurrent themes make this book unique. In addition, it provides scalable tried-and-tested tools, method and approaches for improved organizational effectiveness. The research included is particularly useful to knowledge workers engaged in executive leadership; research, analysis and advice; and corporate management and administration. It is a valuable resource for those working in the public, private and third sectors, both in industrialized and developing countries.

## Handbook of Executive Functioning

**Springer Science & Business Media** Planning. Attention. Memory. Self-regulation. These and other core cognitive and behavioral operations of daily life comprise what we know as executive functioning (EF). But despite all we know, the concept has engendered multiple, often conflicting definitions and its components are sometimes loosely defined and poorly understood. The Handbook of Executive Functioning cuts through the confusion, analyzing both the whole and its parts in comprehensive, practical detail for scholar and clinician alike. Background chapters examine influential models of EF, tour the brain geography of the executive system and pose salient developmental questions. A section on practical implications relates early deficits in executive functioning to ADD and other disorders in children and considers autism and later-life dementias from an EF standpoint. Further chapters weigh the merits of widely used instruments for assessing executive functioning and review interventions for its enhancement, with special emphasis on children and adolescents. Featured in the Handbook: The development of hot and cool executive function in childhood and adolescence. A review of the use of executive function tasks in externalizing and internalizing disorders. Executive functioning as a mediator of age-related cognitive decline in adults. Treatment integrity in interventions that target executive function. Supporting and strengthening working memory in the classroom to enhance executive functioning. The Handbook of Executive Functioning is an essential resource for researchers, scientist-practitioners and graduate students in clinical child, school and educational psychology; child and adolescent psychiatry; neurobiology; developmental psychology; rehabilitation medicine/therapy and social work.

## Ethics and Drug Resistance: Collective Responsibility for Global Public Health

[Springer Nature](#) This Open Access volume provides in-depth analysis of the wide range of ethical issues associated with drug-resistant infectious diseases. Antimicrobial resistance (AMR) is widely recognized to be one of the greatest threats to global public health in coming decades; and it has thus become a major topic of discussion among leading bioethicists and scholars from related disciplines including economics, epidemiology, law, and political theory. Topics covered in this volume include responsible use of antimicrobials; control of multi-resistant hospital-acquired infections; privacy and data collection; antibiotic use in childhood and at the end of life; agricultural and veterinary sources of resistance; resistant HIV, tuberculosis, and malaria; mandatory treatment; and trade-offs between current and future generations. As the first book focused on ethical issues associated with drug resistance, it makes a timely contribution to debates regarding practice and policy that are of crucial importance to global public health in the 21st century.

## Transitions Theory

### Middle Range and Situation Specific Theories in Nursing Research and Practice

[Springer Publishing Company](#) "It is very exciting to see all of these studies compiled in one book. It can be read sequentially or just for certain transitions. It also can be used as a template for compilation of other concepts central to nursing and can serve as a resource for further studies in transitions. It is an excellent addition to the nursing literature." Score: 95, 4 Stars. --Doody's "Understanding and recognizing transitions are at the heart of health care reform and this current edition, with its numerous clinical examples and descriptions of nursing interventions, provides important lessons that can and should be incorporated into health policy. It is a brilliant book and an important contribution to nursing theory." Kathleen Dracup, RN, DNSc Dean and Professor, School of Nursing University of California San Francisco Afaf Meleis, the dean of the University of Pennsylvania School of Nursing, presents for the first time in a single volume her original "transitions theory" that integrates middle-range theory to assist nurses in facilitating positive transitions for patients, families, and communities. Nurses are consistently relied on to coach and support patients going through major life transitions, such as illness, recovery, pregnancy, old age, and many more. A collection of over 50 articles published from 1975 through 2007 and five newly commissioned articles, *Transitions Theory* covers developmental, situational, health and illness, organizational, and therapeutic transitions. Each section includes an introduction written by Dr. Meleis in which she offers her historical and practical perspective on transitions. Many of the articles consider the transitional experiences of ethnically diverse patients, women, the elderly, and other minority populations. Key Topics Discussed: Situational transitions, including discharge and relocation transitions (hospital to home, stroke recovery) and immigration transitions (psychological adaptation and impact of migration on family health) Educational transitions, including professional transitions (from RN to BSN and student to professional) Health and illness transitions, including self-care post heart failure, living with chronic illness, living with early dementia, and accepting palliative care Organization transitions, including role transitions from acute care to collaborative practice, and hospital to community practice Nursing therapeutics models of transition, including role supplementation models and debriefing models

## Great Powers and Geopolitics

### International Affairs in a Rebalancing World

[Springer](#) This book presents the theoretical-historical-comparative political framework needed to fully grasp the truly dynamic nature of 21st century global affairs. The author provides a realistic assessment of the shift from U.S. predominance to a new mix of counterbalancing rival middle-tier and assertive regional powers, while highlighting those geopolitical zones of contention most critical for future international stability. The book will appeal to scholars and policy makers interested in understanding the contours of the emerging world order, and in identifying its principal shapers and leading political actors.

## Pathways to Modern Chemical Physics

[Springer Science & Business Media](#) In this historical volume Salvatore Califano traces the developments of ideas and theories in physical and theoretical chemistry throughout the 20th century. This seldom-told narrative provides details of topics from thermodynamics to atomic structure, radioactivity and quantum chemistry. Califano's expertise as a physical chemist allows him to judge the historical developments from the point of view of modern chemistry. This detailed and unique historical narrative is fascinating for chemists working in the fields of physical chemistry and is also a useful resource for science historians who will enjoy access to material not previously dealt with in a coherent way.

## The Palgrave Handbook of Volunteering, Civic Participation, and Nonprofit Associations

[Springer](#) Written by over 200 leading experts from over seventy countries, this handbook provides a comprehensive, state-of-the-art overview of the latest theory and research on volunteering, civic participation and nonprofit membership associations. The first handbook on the subject to be truly multinational and interdisciplinary in its authorship, it represents a major milestone for the discipline. Each chapter follows a rigorous theoretical structure examining definitions, historical background, key analytical issues, usable knowledge, and future trends and required research. The nine parts of the handbook cover the historical and conceptual background of the discipline; special types of volunteering; the major activity areas of volunteering and associations; influences on volunteering and association participation; the internal structures of associations; the internal processes of associations; the external environments of associations; the scope and impacts of volunteering and associations; and conclusions and future prospects. This handbook provides an essential reference work for third-sector research and practice, including a valuable glossary of terms defining over eighty key concepts. Sponsored by the International Council of Voluntaryism, Civil Society, and Social Economy Researcher Associations (ICSERA; [www.icsera.org](http://www.icsera.org)), it will appeal to scholars, policymakers and practitioners, and helps to define the emergent academic discipline of voluntaristics.

## Autonomous Driving

### Technical, Legal and Social Aspects

[Springer](#) This book takes a look at fully automated, autonomous vehicles and discusses many open questions: How can autonomous vehicles be integrated into the current transportation system with diverse users and human drivers? Where do automated vehicles fall under current legal frameworks? What risks are associated with automation and how will society respond to these risks? How will the marketplace react to automated vehicles and what changes may be necessary for companies? Experts from Germany and the United States define key societal, engineering, and mobility issues related to the automation of vehicles. They discuss the decisions programmers of automated vehicles must make to enable vehicles to perceive their environment, interact with other road users, and choose actions that may have ethical consequences. The authors further identify expectations and concerns that will form the basis for individual and societal acceptance of autonomous driving. While the safety benefits of such vehicles are tremendous, the authors demonstrate that these benefits will only be achieved if vehicles have an appropriate safety concept at the heart of their design. Realizing the potential of automated vehicles to reorganize traffic and transform mobility of people and goods requires similar care in the design of vehicles and networks. By covering all of these topics, the book aims to provide a current, comprehensive, and scientifically sound treatment of the emerging field of "autonomous driving".

## Intakes and Outfalls for Seawater Reverse-Osmosis Desalination Facilities Innovations and Environmental Impacts

**Springer** The book assembles the latest research on new design techniques in water supplies using desalinated seawater. The authors examine the diverse issues related to the intakes and outfalls of these facilities. They clarify how and why these key components of the facilities impact the cost of operation and subsequently the cost of water supplied to the consumers. The book consists of contributed articles from a number of experts in the field who presented their findings at the "Desalination Intakes and Outfalls" workshop held at King Abdullah University of Science and Technology (KAUST) in Saudi Arabia in October, 2013. The book integrates coverage relevant to a wide variety of researchers and professionals in the general fields of environmental engineering and sustainable development.

## Assessing Competence in Professional Performance across Disciplines and Professions

**Springer** This book examines the challenges of cross-professional comparisons and proposes new forms of performance assessment to be used in professions education. It addresses how complex issues are learned and assessed across and within different disciplines and professions in order to move the process of "performance assessment for learning" to the next level. In order to be better equipped to cope with increasing complexity, change and diversity in professional education and performance assessment, administrators and educators will engage in crucial systems thinking. The main question discussed by the book is how the required competence in the performance of students can be assessed during their professional education at both undergraduate and graduate levels. To answer this question, the book identifies unresolved issues and clarifies conceptual elements for performance assessment. It reviews the development of constructs that cross disciplines and professions such as critical thinking, clinical reasoning, and problem solving. It discusses what it means to instruct and assess students within their own domain of study and across various roles in multiple contexts, but also what it means to instruct and assess students across domains of study in order to judge integration and transfer of learning outcomes. Finally, the book examines what it takes for administrators and educators to develop competence in assessment, such as reliably judging student work in relation to criteria from multiple sources. "... the co-editors of this volume, Marcia Mentkowski and Paul F. Wimmers, are associated with two institutions whose characters are so intimately associated with the insight that assessment must be integrated with curriculum and instructional program if it is to become a powerful influence on the educational process ..." Lee Shulman, Stanford University

## European Elites and Ideas of Empire, 1917-1957

**Cambridge University Press** Explores European civilisation as a concept of twentieth-century political practice and the project of a transnational network of European elites. Available as Open Access.

## Diseases of the Chest, Breast, Heart and Vessels 2019-2022

## Diagnostic and Interventional Imaging

**Springer** This open access book focuses on diagnostic and interventional imaging of the chest, breast, heart, and vessels. It consists of a remarkable collection of contributions authored by internationally respected experts, featuring the most recent diagnostic developments and technological advances with a highly didactical approach. The chapters are disease-oriented and cover all the relevant imaging modalities, including standard radiography, CT, nuclear medicine with PET, ultrasound and magnetic resonance imaging, as well as imaging-guided interventions. As such, it presents a comprehensive review of current knowledge on imaging of the heart and chest, as well as thoracic interventions and a selection of "hot topics". The book is intended for radiologists, however, it is also of interest to clinicians in oncology, cardiology, and pulmonology.

## Corrections Today

**Cengage Learning** CORRECTIONS TODAY, 3rd Edition, is a briefer, visual, paperback alternative to hardback Introduction to Corrections texts, ideal for instructors who are looking for course materials that present numerous real-world concepts and applications. It examines the field of corrections through the lens of students who are giving serious thought to a career in the field or are working in corrections while seeking an advanced degree in order to be promoted or switch job paths. CORRECTIONS TODAY, 3rd Edition, offers a practical, engaging, career-focused, and authoritative introduction to corrections. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

## Fibre Bragg Grating and No-Core Fibre Sensors

**Springer** This book focuses on the development and set-up of fibre Bragg grating (FBG) and no-core fibre (NCF) sensors. It discusses the properties of the sensors and modelling of the resulting devices, which include electronic, optoelectronic, photovoltaic, and spintronic devices. In addition to providing detailed explanations of the properties of FBG and NCF sensors, it features a wealth of instructive illustrations and tables, helping to visualize the respective devices' functions.

## The Content Analysis Guidebook

**SAGE** Content analysis is one of the most important but complex research methodologies in the social sciences. In this thoroughly updated Second Edition of The Content Analysis Guidebook, author Kimberly Neuendorf provides an accessible core text for upper-level undergraduates and graduate students across the social sciences. Comprising step-by-step instructions and practical advice, this text unravels the complicated aspects of content analysis.

## Culturally Diverse Counseling

## Theory and Practice

**SAGE Publications** Culturally Diverse Counseling: Theory and Practice by Elsie Jones-Smith adopts a unique strengths-based approach in teaching students to focus on the positive attributes of individual clients and incorporate those strengths, along with other essential cultural considerations, into their diagnosis and treatment. With an emphasis on strengths as recommended in the 2017 multicultural guidelines set forth by the American Psychological Association (APA), this comprehensive text includes considerations for clinical practice with twelve groups, including older adults, immigrants and refugees, clients with disabilities, and multiracial clients. Each chapter includes practical guidelines for counselors, including opportunities for students to identify and curb their own implicit and explicit biases. A final chapter on social class, social justice, intersectionality, and privilege reminds readers of the various factors they must consider when working with clients of all backgrounds.

## Memorial Tributes

[National Academies Press](#) This is the fourteenth volume in the series of Memorial Tributes compiled by the National Academy of Engineering as a personal remembrance of the lives and outstanding achievements of its members and foreign associates. These volumes are intended to stand as an enduring record of the many contributions of engineers and engineering to the benefit of humankind. In most cases, the authors of the tributes are contemporaries or colleagues who had personal knowledge of the interests and the engineering accomplishments of the deceased.

## Handbook on Sustainability Transition and Sustainable Peace

[Springer](#) In this book 60 authors from many disciplines and from 18 countries on five continents examine in ten parts: Moving towards Sustainability Transition; Aiming at Sustainable Peace; Meeting Challenges of the 21st Century; Demographic Imbalances, Temperature Rise and the Climate–Conflict Nexus; Initiating Research on Global Environmental Change, Limits to Growth, Decoupling of Growth and Resource Needs; Developing Theoretical Approaches on Sustainability and Transitions; Analysing National Debates on Sustainability in North America; Preparing Transitions towards a Sustainable Economy and Society, Production and Consumption and Urbanization; Examining Sustainability Transitions in the Water, Food and Health Sectors from Latin American and European Perspectives; Preparing Sustainability Transitions in the Energy Sector; and Relying on Transnational, International, Regional and National Governance for Strategies and Policies Towards Sustainability Transition. This book is based on workshops held in Mexico (2012) and in the US (2013), on a winter school at Chulalongkorn University, Thailand (2013), and on commissioned chapters. The workshop in Mexico and the publication were supported by two grants by the German Foundation for Peace Research (DSF). All texts in this book were peer-reviewed by scholars from all parts of the world.

## New Perspectives on Desistance

## Theoretical and Empirical Developments

[Springer](#) This book brings together a collection of emergent research that moves the debate on desistance beyond a general consideration of individual and social structural influences. The authors examine empirical developments which have implications for policy surrounding resettlement and re-offending, but also for punishment practices. Presenting thought-provoking theoretical advances and critiques, the editors challenge and enrich traditional understandings of desistance. A wide range of chapters explore how some criminal justice interventions hinder the desistance process, but also how alternative approaches may be more helpful in promoting and supporting desistance. Thorough and diverse, this book will be of great interest to scholars of criminology and criminal justice, social policy, sociology and psychology, and of special interest to researchers and practitioners working with (ex-)offenders.

## Handbook of Injury and Violence Prevention

[Springer Science & Business Media](#) In the Handbook of Injury and Violence Prevention, over fifty experts present the current landscape of intervention methods - from risk reduction to rethinking social norms - as they address some of the most prevalent forms of accidental and violent injury. - Overview chapters examine the social and economic scope of unintentional and violent injury today - Extensive literature review of specific intervention programs to prevent violence and injury - Special chapters on childhood injuries, alcohol-related accidents, and disasters - "Interventions in the Field" section offers solid guidelines for implementing and improving existing programs - Critical analysis of issues involved in delivering programs to wider audiences - Helpful appendices list relevant agencies and professional resources This dual focus on intervention and application makes the Handbook a bedrock text for professionals involved in delivering or managing prevention programs. Its what-works-now approach gives it particular utility in the graduate classroom, and researchers will benefit from the critical attention paid to knowledge gaps in the field. It is a major resource for any reader committed to reducing the number of incidents just waiting to happen.

## Understanding Sleep and Dreaming

[Springer Science & Business Media](#) Designed primarily as a text this volume is an up-to-date and integrated overview of physiological sleep mechanisms, brain function, psychological ramifications of sleep, dimensions of dreaming, and clinical disorders associated with sleep. It is accessibly written with specially boxed material that enhances the text. Authored by a researcher/clinician/professor with more than 25 years of experience in sleep studies, Understanding Sleep and Dreaming provides a solid basis for those who are not expert in this area. It offers a good foundation for those who will continue sleep studies, while at the same time offering enough information for those who will apply this knowledge in other ways such as clinicians in their individual practices or researchers for whom sleep may be part of a specific study. It is an excellent text for courses on sleep at the undergraduate and graduate levels.

## The Palgrave Handbook of Race and Ethnic Inequalities in Education

[Springer](#) This authoritative, state-of-the-art reference work builds on its first edition to provide a cutting-edge systematic review of the relationship between race/ethnicity and educational inequality. Studying 25 different national contexts drawn from every inhabited continent on earth and building upon material from the earlier edition, the work analyses educational policies, practices and research on minority students, immigrants and refugees. The editors and contributors explore principal research traditions from countries as diverse as Argentina, China, Norway and South Africa, examining the factors promoting social cohesion as well as considerations regarding the use of international test score data. Seamlessly integrating findings of national reviews, the editors and contributors analyse how national contexts of race/ethnic relations shape the character and content of educational inequalities, and deftly map out new directions for future research in the area. Global in its perspective and definitive in content, this one-stop volume will be an indispensable reference resource for a wide range of academics, students and researchers in the fields of education, sociology, race and ethnicity studies and social policy. Chapter 20 of this book is available open access under a CC BY 4.0 license at SpringerLink ([https://link.springer.com/chapter/10.1007/978-3-319-94724-2\\_20](https://link.springer.com/chapter/10.1007/978-3-319-94724-2_20))

## Logistics Operations and Management

## Concepts and Models

[Elsevier](#) This book provides a comprehensive overview of how to strategically manage the movement and storage of products or materials from any point in the manufacturing process to customer fulfillment. Topics covered include important tools for strategic decision making, transport, packaging, warehousing, retailing, customer services and future trends. An introduction to logistics Provides practical applications Discusses trends and new strategies in major parts of the logistic industry

## Prevention of Substance Use

[Springer](#) This volume provides a serious examination of substance use prevention research and practice as components of the continuum from health promotion through to prevention and health care in sub-groups and in the general population. Extensive background chapters provide portals into the evolution of the field and the cutting edge research being conducted on the etiology, epidemiology, and genetics of substance use and abuse. The global nature and health burden of substance use and abuse incorporates assessments of the serious problems related to the prevention of legal substance use (i.e., alcohol and tobacco) and how lessons learned in those arenas may apply to the prevention of illicit substance use. Research and practice chapters detail a range of effective evidence-based programs, policies and practices and emerging prevention interventions from the literatures on the

family and school contexts in addition to innovations involving mindfulness and the social media. Continued advancements in substance use prevention research, practice, training, and policy are projected. Included among topics addressed are: Progression of substance use to abuse and substance use disorders The tobacco prevention experience: a model for substance use prevention? Policy interventions: intended and unintended influences on substance use Qualitative methods in the study of psychoactive substance use Use of media and social media in the prevention of substance use Supporting prevention science and prevention research internationally The array of research accomplishments and real-world methods presented in Prevention of Substance Use merits the attention of a variety of researchers and practitioners, including public health professionals, health psychologists, and epidemiologists.