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Infectious Diseases of Germany **Infectious Diseases of the Netherlands** **The Effects of Financial Crises on the Binding Force of Contracts - Renegotiation, Rescission or Revision** *International Crimes: Law and Practice* **Current Topics in Marine Organic Biogeochemical Research** **Automata Theory, Languages of Machines and Computability** **Contemporary Issues in Cultural Heritage Tourism** **Yearbook on Space Policy 2011/2012** **Nonlinear Option Pricing** **Insurance Law in Portugal** **Competition Damages Actions in the EU** **Climate vulnerability assessment methodology** **Configurations of Family in Contemporary Japan** **Pediatric Sedation Outside of the Operating Room** **O Concurso de Responsabilidade Civil** **Towards Post-Native-Speakerism** **The Cellular Stress Response and Physiological Adaptations of Corals Subjected to Environmental Stressors and Pollutants** **Comparative Company Law** **UGC NET JRF 1st Paper - Volume III** **Marketing Theory** **Green Mountain Cemetery, Boulder, Colorado, Index to Interment Books, 1904-2016 (Black and White)** **Thoughts, Theories, and Impressions of Jane Caldwell Waite Dunn Kelsey, (Color)** **Thoughts, Theories, and Impressions of Jane Caldwell Waite Dunn Kelsey** **Contas dos governantes** *The Wallis Family of Kent County, Maryland* **The Oxford Handbook of Refugee and Forced Migration Studies** **A Systematic Review of Key Issues in Public Health** **Index Medicus** *Biennial Report of the State Engineer of the State of Colorado for the Years ...* **Clinical Practice Guidelines We Can Trust** **Ethical Issues in Behavioral Neuroscience** *Innovation in Developing Countries* **Handbook on Teaching and Learning in Political Science and International Relations** **Improving Diets and Nutrition** **Imaging Systems for Medical Diagnostics** *6G Enabling Technologies* **Humanism in Economics and Business** *Northern Lights* **Breast Diseases** **Numbers in India's Periphery: Political Economy of Government Statistics**

Infectious Diseases of the Netherlands is one in a series of GIDEON ebooks which explore all individual infectious diseases, drugs, vaccines, outbreaks, surveys and pathogens in every country of the world. Data are based on the GIDEON web application (www.gideononline.com) which relies on standard text books, peer-review journals, Health Ministry reports and ProMED, supplemented by an ongoing search of the medical literature. Chapters are arranged alphabetically, by disease name. Each chapter is divided into three sections: 1. Descriptive epidemiology 2. Status of the disease in the Netherlands 3. References A chapter outlining the routine vaccination schedule of the Netherlands follows the diseases chapters. There are 364 generic infectious diseases in the world today. 209 of these are endemic, or potentially endemic, to the Netherlands. A number of other diseases are not relevant to the Netherlands and have not been included in this book. The Netherlands disease notes include separate sections on the Antilles (miscellaneous) and Aruba. In addition to endemic diseases, all published data regarding imported diseases and infection among expatriates from the Netherlands are included. It is challenging enough to be able to make a diagnosis in mammography, but the newer standards of care demand more than just providing a diagnosis. This book is an excellent resource to improve the understanding of breast diseases, recognize and manage problems encountered in breast imaging and clinical management of the breast diseases. With forty four chapters, this volume is divided into six sections on screening of breast cancer, imaging modalities, benign breast disorders, interventional procedures, pathological considerations and breast cancer. Breast Diseases: Imaging and Clinical Management is a crisp volume on clinical and multimodality breast imaging with emphasis on interventional procedures, pathology and the entire spectrum of breast cancers. Food security and climate change mitigation are crucial missions for the agricultural sector and for global work on sustainable development. Concurrently, agricultural production is directly dependent on climatic conditions, making climate change adaptation strategies essential for the agricultural sector. There is consequently a need for researchers, planners, and practitioners to better understand how, why, and to what extent agriculture is vulnerable to climate change. Such analyses involve challenges in relation to the complex social– ecological character of the agricultural system and to the multiple conceptualizations and approaches used in analysing vulnerability. The aim of this thesis is to identify how vulnerability assessments can be used to represent climate-related vulnerability in Nordic agriculture, in order to advance the methodological development of indicator-based and geographic visualization methods. The following research questions are addressed: (i) How can agricultural vulnerability to climate change and variability in the Nordic countries be characterized? (ii) How do selections, definitions, and emphases of indicators influence how vulnerability is assessed? (iii) How do estimates of vulnerability vary depending on the methods used in assessments? (iv) How can geographic visualization be applied in integrated vulnerability assessments? This thesis analyses and applies various vulnerability assessment approaches in the context of Nordic agriculture. This thesis demonstrates that various methods for composing vulnerability indices result in significantly different outcomes, despite using the same set of indicators. A conceptual framework for geographic visualization approaches to vulnerability assessments was developed for the purpose of creating transparent and interactive assessments regarding the indicating variables, methods and assumptions applied, i.e., opening up the ‘black box’ of composite indices. This framework served as the foundation for developing the AgroExplore geographic visualization tool. The tool enables the user to interactively select, categorize, and weight indicators as well as to explore the data and the spatial patterns of the indicators and indices. AgroExplore was used in focus group settings with experts in the Swedish agricultural sector. The visualization-supported dialogue results confirm the difficulty of selecting and constructing indicators, including different perceptions of what indicators actually indicate, the assumption of linear relationships between the indicators and vulnerability, and, consequently, that the direction of the relationship is predefined for each indicator. This thesis further points at the inherent complexity of agricultural challenges and opportunities in the context of climate change as such. It is specifically emphasized that agricultural adaptation policies and measures involve trade-offs between various environmental and socio–economic objectives, and that their implementation could furthermore entail unintended consequences, i.e., potential maladaptive outcomes. Nevertheless, it proved difficult to validate indicators due to, e.g. matters of scale and data availability. While heavy precipitation and other extreme weather events are perceived as the most relevant drivers of climate vulnerability by the agricultural experts participating in this study, statistical analyses of historical data identified few significant relationships between crop yield losses and heavy precipitation. In conclusion, this thesis contributes to the method development of composite indices and indicator-based vulnerability assessment. A key conclusion is that assessments are method dependent and that indicator selection is related to aspects such as the system’s spatial scale and location as well as to indicator thresholds and defined relationships with vulnerability, recognizing the contextual dependency of agricultural vulnerability. Consequently, given the practicality of indicator-based methods, I stress with this thesis that future vulnerability studies must take into account and be transparent about the principles and limitations of indicator-based assessment methods in order to ensure their usefulness, validity, and relevance for guiding adaptation strategies. För jordbrukssektorn och global hållbar utveckling i stort är matsäkerhet och mitigerande av klimatförändringar viktiga angelägenheter. Samtidigt är jordbruksproduktionen ofta direkt beroende av klimatförhållanden, vilket gör klimatanpassningsstrategier mycket centrala för sektorn. Forskare, planerare och aktörer behöver förstå hur, varför och i vilken omfattning jordbruket är sårbart inför klimatförändringar. Sådana analyser inbegriper även de utmaningar som skapas genom jordbrukets komplexa socio-ekologiska karaktär, och de många utgångspunkter och tillvägagångssätt som används för att bedöma sårbarhet. Syftet med denna avhandling är att identifiera hur sårbarhetsbedömningar kan representera klimatrelaterad sårbarhet i nordiskt jordbruk, och i och med detta har avhandlingen som avsikt att utveckla metodologin för indikatorbaserade- och geografiska visualiseringsmetoder. Följande forskningsfrågor avhandlas: (i) Hur kan det nordiska jordbrukets sårbarhet inför klimatvariation och förändringar karaktäriseras? (ii) Hur påverkar urval, definitioner och betoningar av indikatorer bedömningar av sårbarhet? (iii) Hur varierar uppskattningar med bedömningsmetod? (iv) Hur kan geografisk visualisering användas i integrerade sårbarhetsbedömningar? För att svara på dessa frågor analyseras och tillämpas olika tillvägagångssätt att bedöma sårbarhet inom nordiskt jordbruk. Avhandlingen visar att olika metoder för sårbarhetskompositindex resulterar i signifikanta skillnader mellan index, trots att samma indikatorer och data används. Ett konceptuellt ramverk för sårbarhetsbedömningar där geografisk visualisering används, har utvecklats för att möjliggöra transparens avseende till exempel, vilka variabler, metoder och antaganden som används i kompositindex. Detta ramverk har följaktligen legat till grund för att utveckla ett geografiskt visualiseringsverktyg – AgroExplore. Verktyget möjliggör interaktivitet där användaren kan välja, kategorisera och vikta indikatorer, och dessutom utforska data och spatiala mönster av indikatorer och kompositindex. AgroExplore användes i denna avhandling för att stödja fokusgruppdialoger med experter inom den svenska jordbrukssektorn. Resultaten från dessa workshops bekräftar svårigheten med att välja och skapa indikatorer.

Dessa svårigheter innefattar olika uppfattningar om vad indikatorer representerar, antagandet om linjära samband mellan indikatorerna och sårbarhet, och följaktligen att sambandens riktning är fördefinierade för respektive indikator. Utöver de konceptuella och metodologiska utmaningarna med sårbarhetsbedömningar visar avhandlingen på komplexa svårigheter och möjligheter för jordbruket vid klimatförändringar. Särskilt framhålls att klimatanpassningspolitik och åtgärder inom jordbruket medför konflikter och avvägningar mellan olika miljö- och socio-ekonomiska mål. Implementering av sådana anpassningsåtgärder kan vidare innebära oönskade konsekvenser, så kallad missanpassning. Trots ökad kunskap gällande nordiska jordbrukets sårbarhet inför klimatförändringar har det visats sig vara svårt att statistiskt validera indikatorer på grund av, exempelvis, skalproblematik och datatillgänglighet. Samtidigt som experterna ansåg att kraftig nederbörd och andra extrema väderhändelser är de mest relevanta drivkrafterna till klimatsårbarhet visar den statistiska analysen av historiska data på få signifikanta samband mellan förlorad skördeavkastning och kraftig nederbörd. Denna avhandling bidrar till metodutveckling av kompositindex och indikatorbaserade metoder för sårbarhetsbedömningar. En viktig slutsats är att bedömningar är metodberoende och att valet av indikatorer är relaterat till aspekter såsom systemets utbredning och den spatiala skalan av bedömningen. Även indikatorernas tröskelvärden och hur deras relation till sårbarhet är definierade anses vara viktiga faktorer som påverkar hur indikatorer representerar sårbarhet, vilket visar på sårbarhetsbedömningars kontextuella beroende. I och med de rådande bristerna hos indikatorbaserade metoder, som bland annat har identifierats i denna avhandling, vill jag framhålla vikten av att sårbarhetsbedömningar bör vara transparenta gällande den tillämpade metodens principer, antaganden och begränsningar. Detta för att säkerställa användbarhet, giltighet och relevans, om metoden och bedömningen ska ligga till grund för anpassningsstrategier hos såväl politiker, planerare och lantbrukare. Nutrition-sensitive, food-based approaches towards hunger and malnutrition are effective, sustainable and long-term solutions. This book discusses the policy, strategic, methodological, technical and programmatic issues associated with such approaches, proposes “best practices” for the design, targeting, implementation and evaluation of specific nutrition-sensitive, food-based interventions and for improved methodologies for evaluating their efficacy and cost-effectiveness, and provides practical lessons for advancing nutrition-sensitive food-based approaches for improving nutrition at policy and programme level. Judge Mettraux's four-volume compendium, *International Crimes: Law and Practice*, will provide the most detailed and authoritative account to-date of the law of international crimes. It is a scholarly tour de force providing a unique blend of academic rigour and an insight into the practice of international criminal law. The compendium is unrivalled in its breadth and depth, covering almost a century of legal practice, dozens of jurisdictions (national and international), thousands of decisions and judgments and hundreds of cases. This second volume discusses in detail crimes against humanity. Behavioral neuroscience encompasses the disciplines of neurobiology and psychology to study mechanisms of behavior. This volume provides a contemporary overview of the current state of how ethics informs behavioral neuroscience research. There is dual emphasis on ethical challenges in experimental animal approaches and in clinical and nonclinical research involving human participants. *New Tools to Solve Your Option Pricing Problems* For nonlinear PDEs encountered in quantitative finance, advanced probabilistic methods are needed to address dimensionality issues. Written by two leaders in quantitative research-including Risk magazine's 2013 Quant of the Year-Nonlinear Option Pricing compares various numerical methods for solving hi This book is about one of the most controversial dilemmas of contract law: whether or not the unexpected change of circumstances due to the effects of financial crises may under certain conditions be taken into account. Growing interconnectedness of global economies facilitates the spread of the effects of the financial crises. Financial crises cause severe difficulties for persons to fulfill their contractual obligations. During the financial crises, performance of contractual obligations may become excessively onerous or may cause an excessive loss for one of the contracting parties and consequently destroy the contractual equilibrium and legitimate the governmental interventions. Uncomfortable economic climate leads to one of the most controversial dilemmas of the contract law: whether the binding force of the contract is absolute or not. In other words, unstable economic circumstances impose the need to devote special attention to review and perhaps to narrow the binding nature of a contract. Principle of good faith and fair dealing motivate a variety of theoretical bases in order to overcome the legal consequences of financial crises. In this book, all these theoretical bases are analyzed with special focus on the available remedies, namely renegotiation, rescission or revision and the circumstances which enables the revocation of these remedies. The book collects the 19 national reports and the general report originally presented in the session regarding the Effects of Financial Crises on the Binding Force of Contracts: Renegotiation, Rescission or Revision during the XIXth congress of the International Academy of Comparative Law, held in Vienna, July 2014. Como os governos são exercidos por pessoas limitadas, são necessários controles que as incentivem a agir no interesse dos governados, reduzam a assimetria de informação e desencorajem a corrupção. Assim, nas democracias exige-se que os governantes se sujeitem à accountability, tanto perante os cidadãos como ante outras instituições. No Brasil, os presidentes da República, governadores e prefeitos devem prestar contas, que são apreciadas pelos tribunais de contas e julgadas pelo Parlamento. Este livro demonstra como a Constituição de 1988 exige que tais contas sejam prestadas e apreciadas. Mostra que o conjunto normativo não atende aos requisitos constitucionais, em alguns casos por omissão do legislador, noutros por franco desacordo com a Constituição. Finalmente, indica como aperfeiçoar a legislação e qualificar a apreciação das contas dos chefes de Poder Executivo, para fortalecer a accountability horizontal e vertical no país e aprimorar a democracia representativa brasileira. Think tanks are often thought of as a uniquely US phenomenon. Although the largest concentration of think tanks is in the United States, they can be found in virtually every country. Often overlooked, Canada's think tanks represent a highly diverse and eclectic group of public policy organizations such as the Canadian Centre for Policy Alternatives, the C.D. Howe Institute, the Fraser Institute, and the Mowat Centre among others. In *Northern Lights*, Donald Abelson explores the rise of think tanks in Canada and addresses many of the most commonly asked questions about how, and under what circumstances, they are able to affect public opinion and public policy. He identifies the ways in which Canadian think tanks often prioritize political advocacy over policy research, and seeks to explain why these organizations are well-suited and equipped to shape the discourse around key policy issues. The first comprehensive examination of think tanks in Canada, *Northern Lights* is both a primer for those looking to understand the role and function of think tanks in the policy-making process and a guide to the leading policy institutes in the country. *Infectious Diseases of Germany* is one in a series of GIDEON ebooks which explore all individual infectious diseases, drugs, vaccines, outbreaks, surveys and pathogens in every country of the world. Data are based on the GIDEON web application (www.gideononline.com) which relies on standard text books, peer-review journals, Health Ministry reports and ProMED, supplemented by an ongoing search of the medical literature. Chapters are arranged alphabetically, by disease name. Each chapter is divided into three sections: 1. Descriptive epidemiology 2. Status of the disease in Germany 3. References A chapter outlining the routine vaccination schedule of Germany follows the diseases chapters. There are 364 generic infectious diseases in the world today. 212 of these are endemic, or potentially endemic, to Germany. A number of other diseases are not relevant to Germany and have not been included in this book. In addition to endemic diseases, all published data regarding imported diseases and infection among expatriates from Germany are included. A comprehensive comparative analysis of company law in the UK, US, France, and Germany. The book covers the life span of a company, from formation to eventual dissolution, and offers detailed explanations of each stage alongside extracts from important court decisions that show how the law works in practice in each jurisdiction. The perceived quality of a destination's cultural offering has long been a significant factor in determining tourist choices of destination. More recently, the need to present touristic offerings that include cultural experiences and heritage has become widely recognised, that this aspect of the tourism experience is an important differentiator of destinations, as well as being amongst the most manageable. This has also led to an increase in the management of such experiences through special exhibitions, events and festivals, as well as through ensuring more routine and controlled access to heritage sites. Reflecting the increasing application of cultural heritage as a driver for tourism and development, this book provides for the first time a cohesive volume on the subject that is theoretically rich, practically applied and empirically grounded. Written by expert scholars and practitioners in the field, the book covers a broad range of theoretical perspectives of cultural heritage tourism; regeneration, policy, stakeholders, marketing, socio-economic development, impacts, sustainability, volunteering and ICT. It takes a broad view, integrating international examples of sites, monuments as well as intangible cultural heritage, motor vehicle heritage events and modern art museums. This significant book furthers knowledge of the theory and application of tourism within the context of cultural heritage and will be of interest to students, researchers and practitioners in a range of disciplines. The main focus of this book is innovation for developing countries: what is the innovation for, what are the current conditions of the innovation, and how to effectively innovate in developing economies. It contains the latest insights and analyses of innovation based on intensive interviews as well as primary and secondary data of manufacturing firms in developing countries, Vietnam and Laos in particular. Innovation requires something new. Integration of deep understanding of innovation and econometric analyses are a “new combination” in this book, which contrasts with other, similar books in the field. This new approach may benefit policy makers as well as scholars and firms in poor countries. The main points of the book are summarized as follows: First, for most poor countries “learning innovation” is considered the key to economic growth rather than “leading-edge innovation”, which is a more popular theme in similar books on innovation. Second, an overwhelming majority of innovations currently used in poor countries are developed in advanced countries, so technology

transfer and learning from the latter are a fundamental source of innovation in the former. Third, a surprisingly high rate of firms (around 50%) reported that they introduced new or significantly improved products or processes in poor countries, and this high innovation rate is a great benefit to be enhanced by government policies. Fourth, the common factors driving innovation of manufacturing firms in Vietnam and Laos are (1) human capital, (2) social capital, and (3) innovation in the past. Fifth, the impact of innovation on firm performance is found to be mixed in these countries. Sixth, so far almost all studies on innovation have focused on product or process innovation, but additional light is shed here on organizational innovation. Derived from the renowned multi-volume International Encyclopaedia of Laws, this book provides valuable practical insight into both public supervisory legislation concerning insurance and private insurance contract law in Portugal. An informative general introduction surveying the legal, political, financial, and commercial background and surroundings of insurance provides a sound foundation for the specific detail that follows. The book covers all essential aspects of the law and regulation governing insurance policies and instruments. Its detailed exposition includes examination of the form of the insurance company and its reserves and investments; the insurance contract; the legal aspects of the various branches of property and liability insurance; motor vehicle insurance schemes; life insurance, health insurance, and workmen's compensation schemes; reinsurance, co-insurance, and pooling; taxation of insurance; and risk management and prevention. Succinct yet eminently practical, the book will be a valuable resource for lawyers handling cases affecting Portugal. It will be of practical utility to those both in public service and private practice called on to develop and to apply the laws of insurance, and of special interest as a contribution to the much-needed harmonization of insurance law. This book offers different perspectives on Humanism as developed by Catholic Social Teaching, with a particular focus on its relevance in economics and business. The work is composed of three sections, covering what is meant by Christian Humanism, how it links with economic activity, and its practical relevance in the business world of today. It reviews the historical development of Christian Humanism and discusses the arguments which justify it in the current cultural context and how it contributes to human development. The book argues that the current recognition of human dignity and the existence of innate human rights are both ultimately rooted in Christian Humanism. It sets out the importance of the concept for economic activities, and how Christian Humanism can serve as a metaphysical foundation and ethical basis for a social market economy. Applying Christian Humanism to business leads to the centrality of the person in organizations and to seeing the company as a community of persons working together for the common good. Three thought-provoking case studies illustrate the wide-reaching positive impacts of applying Christian Humanism in the organization.?" This Handbook critically traces the birth and development of Refugee and Forced Migration Studies, and vividly illustrates the vibrant and engaging debates that characterize this rapidly expanding field of research and practice. The contributions highlight the key challenges faced by academics and practitioners working with and for forcibly displaced populations around the world, as well as identifying new directions for research in the field. Since emerging as a distinct field of study in the early 1980s, Refugee and Forced Migration Studies has grown from being of concern of a relatively small number of scholars and policy analysts to become a global field with thousands of students worldwide studying displacement, either from traditional disciplinary perspectives or as a core component of newer interdisciplinary programmes across the Humanities and Social and Political Sciences". --Publisher. The Yearbook on Space Policy is the reference publication analyzing space policy developments. Each year it presents issues and trends in space policy and the space sector as a whole. Its scope is global and its perspective is European. The Yearbook also links space policy with other policy areas. It highlights specific events and issues, and provides useful insights, data and information on space activities. The Yearbook on Space Policy is edited by the European Space Policy Institute (ESPI) based in Vienna, Austria. It combines in-house research and contributions of members of the European Space Policy Research and Academic Network (ESPRAN), coordinated by ESPI. The Yearbook is designed for government decision-makers and agencies, industry professionals, as well as the service sectors, researchers and scientists and the interested public. Numa situação geradora de responsabilidade civil, o sistema jurídico ocasionalmente tutela o lesado por mais do que uma via. Gera-se potencialmente um concurso de responsabilidade civil. Nesta hipótese, a doutrina e a jurisprudência (nacional e internacional) divergem quanto ao regime a aplicar, entre os polos da aplicação exclusiva de uma forma de responsabilidade (teoria do não cúmulo) e o da sua livre concorrência (teoria do cúmulo). A presente investigação explora as respostas do sistema jurídico português, recentrando metodologicamente a análise no regime jurídico das modalidades delitual e obrigacional de responsabilidade civil e nos seus efeitos, em defesa da existência de um concurso de pretensões. This Volume consists last 3 Units 1. Information & Communication Technology (ICT) 2. People, Development and Environment 3. Higher Education System An exciting account of how government statistics in developing countries are social artefacts dynamically shaped by political and economic contexts. The sixth generation of wireless communication (6G), succeeding 5G cellular technology, opens up several possibilities in terms of technology and its offered services. 6G is expected to allow usage of available higher frequency spectrums to cater to increased capacity, throughput, and low latency (To make this book a fundamental resource, we have invited world-renowned experts in 6G from the industry and academia to pen down their ideas on different aspects of 6G research. The chapters in this book cover a broader scope and various related and unrelated verticals. Specifically, this book covers the following topics: 6G use cases, requirements, and enabling technologies new spectrums and their challenges for 6G privacy preservation in 6G networks aerial infrastructure for 6G networks economic challenges associated with 6G wireless networks. The encompassing intent of this book is to explore the evolution from current 5G networks towards the future 6G networks from a service, air interface, and network perspective, thereby laying out a vision for 6G networks. Green Mountain Cemetery is one of the largest in Boulder County, Colorado, with more than 15,000 burials and memorials. The Boulder Genealogical Society has updated its 2006 edition of this book to include the burials of the last decade (through May 2016) and to make corrections to the earlier edition. Each burial has the name of the deceased, a birth date or age, a death date, a burial location and interment number. This book probes for a post-native-speakerist future. It explores the nature of (English and Japanese) native-speakerism in the Japanese context, and possible grounds on which language teachers could be employed if native-speakerism is rejected (i.e., what are the language teachers of the future expected to do, and be, in practice?). It reveals the problems presented by the native-speaker model in foreign language education by exploring individual teacher-researcher narratives related to workplace experience and language-based inclusion/exclusion, as well as Japanese native-speakerism in the teaching of Japanese as a foreign language. It then seeks solutions to the problems by examining the concept of post-native-speakerism in relation to multilingual perspectives and globalisation generally, with a specific focus on education. This is a major revision, updating, and expansion of the leading single-source volume on pediatric sedation outside of the operating room. Edited and written by an international roster of outstanding experts, it is the only book aimed at the broad range of specialists who deliver pediatric sedation in the non-OR setting. The Second Edition features a significant expansion of contributions from international leaders and individual new chapters on pre-sedation assessment; sedatives' short- and long-term effects on neurocognition; non-pharmacologic distractions; Michael Jackson's death and medical ethics; the role of simulation in safety and training; and palliative sedation in terminally ill children. The specialty-specific chapters continue to be geared toward all sedation providers, regardless of where they practice and patient safety is again emphasized. Fundamental chapters provide in-depth reviews of topics which include, among others, physiology and pharmacology. The book presents the latest guidelines across the specialties, both in the United States and abroad and noteworthy, ongoing research endeavors. From reviews of the First Edition: "This meritorious volume is a splendid collection of materials from highly experienced authors...I will make extensive use of this reference as the academic medical center in which I work continues to build sedation practices and assess credentialing/privileging aspects for professionals of all fields." —Joseph R. Tobin, MD in *Journal of the American Medical Association*. "Brings together sedation practice from a broad range of specialties into one well-written pediatric text...I will certainly be using this book as a reference text in the future." — *Pediatric Anesthesia*. "The first [text] directed at all specialists that treat children who require some sedation...also recognizes the contributions to pediatric sedation of many international societies and governmental organizations...It should be on the shelves of all office-based practices." — *Journal of Neurosurgical Anesthesiology*. "With the ever-increasing opportunities to perform various investigations and therapeutic procedures, combined with increasing demands and expectations from children and their parents, the need and demand for safe and effective sedation of paediatric patients outside the operating room is increasing. Against this background, the second edition of 'Pediatric Sedation Outside the Operating Room' is a very timely addition to the anaesthesia literature." — *British Journal of Anaesthesia* Advances in medical, biomedical and health services research have reduced the level of uncertainty in clinical practice. Clinical practice guidelines (CPGs) complement this progress by establishing standards of care backed by strong scientific evidence. CPGs are statements that include recommendations intended to optimize patient care. These statements are informed by a systematic review of evidence and an assessment of the benefits and costs of alternative care options. Clinical Practice Guidelines We Can Trust examines the current state of clinical practice guidelines and how they can be improved to enhance healthcare quality and patient outcomes. Clinical practice guidelines now are ubiquitous in our healthcare system. The Guidelines International Network (GIN) database currently lists more than 3,700 guidelines from 39 countries. Developing guidelines presents a number of challenges including lack of transparent methodological practices, difficulty reconciling conflicting guidelines, and conflicts of interest. Clinical Practice Guidelines We Can Trust explores

questions surrounding the quality of CPG development processes and the establishment of standards. It proposes eight standards for developing trustworthy clinical practice guidelines emphasizing transparency; management of conflict of interest; systematic review--guideline development intersection; establishing evidence foundations for and rating strength of guideline recommendations; articulation of recommendations; external review; and updating.

Clinical Practice Guidelines We Can Trust shows how clinical practice guidelines can enhance clinician and patient decision-making by translating complex scientific research findings into recommendations for clinical practice that are relevant to the individual patient encounter, instead of implementing a one size fits all approach to patient care. This book contains information directly related to the work of the Agency for Healthcare Research and Quality (AHRQ), as well as various Congressional staff and policymakers. It is a vital resource for medical specialty societies, disease advocacy groups, health professionals, private and international organizations that develop or use clinical practice guidelines, consumers, clinicians, and payers.

Marketing Theory introduces and explains the role of theory in marketing by uncovering its histories, disciplinary underpinnings, subfields, discourses and debates. From strategy and ethics to digital marketing and consumer behaviour, leading marketing experts shine a light on what can be a challenging perspective of marketing. In this new Third Edition there are up-to-date examples from global companies such as Pepsi, Amazon and H&M; entirely new chapters on Digital and Social Media Marketing, and Service-Dominant Logic (SD-L) and contributions from Global Specialists including Bob Lusch, Patrick Murphy and Susan Hart.

Ideal for Upper level undergraduate and postgraduate marketing students studying marketing theory, critical marketing, and the history of marketing modules. This wide-ranging study reviews the state of public health worldwide and presents informed recommendations for real-world solutions. Identifying the most urgent challenges in the field, from better understanding the causes of acute diseases and chronic conditions to reducing health inequities, it reports on cost-effective, science-based, ethically sound interventions. Chapters demonstrate bedrock skills essential to developing best practices, including flexible thinking for entrenched problems, conducting health impact assessments, and working with decision-makers. From these current findings come long-term practice and policy goals for preventing disease, promoting health, and improving quality of life, both locally and globally. A sampling of the topics covered:

- Health trends of communicable diseases.
- Epidemiology of cancer and principles of prevention.
- Respiratory diseases and health disorders related to indoor and outdoor air pollution.
- Public health gerontology and active aging.
- Migrant and ethnic minority health.
- Public health genomics.

A Systematic Review of Key Issues in Public Health offers graduate students in the discipline a firm grasp on the field as it presently stands, and a clear set of directions for its potential future. With a focus on providing concrete teaching strategies for scholars, the **Handbook on Teaching and Learning in Political Science and International Relations** blends both theory and practice in an accessible and clear manner. In an effort to help faculty A genealogy of the Wallis Family of Kent County, Maryland. Jane Caldwell, daughter of Joseph Caldwell and Mary Bennett, was born in 1808 or 1809 in Mercer County, Pennsylvania or Steubenville, Ohio. She married John Waite in about 1830. They had seven children. She married Eli Brazee Kelsey. She died in 1891 in Bountiful, Utah. The middle-class nuclear family model has long dominated discourses on family in Japan. Yet there have always been multiple configurations of family and kinship, which, in the context of significant socio-economic and demographic shifts since the 1990s, have become increasingly visible in public discourse. This book explores the meanings and practices of "family" in Japan, and brings together research by scholars of literature, gender studies, media and cultural studies, sociology and anthropology. While the primary focus is the "Japanese" family, it also examines the experience and practice of family beyond the borders of Japan, in such settings as Brazil, Australia, and Bali. The chapters explore key issues such as ageing, single households, non-heterosexual living arrangements and parenting. Moreover, many of the issues addressed, such as the growing diversity of family, the increase in single-person households, and the implications of an ageing society, are applicable to other mature, late-industrial societies. Employing both multi- and inter-disciplinary approaches, this book combines textual analysis of contemporary television, film, literature, manga, anime and other media with empirical and ethnographic studies of families in Japan and in transnational spaces. As such, it will be of great interest to students and scholars working across a number of fields including Japanese culture and society, sociology of family, gender studies, film and media studies, literature and cultural studies, and gerontology. The book provides a comprehensive compilation of fundamentals, technical solutions and applications for medical imaging systems. It is intended as a handbook for students in biomedical engineering, for medical physicists, and for engineers working on medical technologies, as well as for lecturers at universities and engineering schools. For qualified personnel at hospitals, and physicians working with these instruments it serves as a basic source of information. This also applies for service engineers and marketing specialists. The book starts with the representation of the physical basics of image processing, implying some knowledge of Fourier transforms. After that, experienced authors describe technical solutions and applications for imaging systems in medical diagnostics. The applications comprise the fields of X-ray diagnostics, computed tomography, nuclear medical diagnostics, magnetic resonance imaging, sonography, molecular imaging and hybrid systems. Considering the increasing importance of software based solutions, emphasis is also laid on the imaging software platform and hospital information systems. In this revised and much expanded second edition David Ashton provides a comprehensive review of the EU damages directive (Directive 2014/104/EU) and its implementation, bringing the book up to date with the latest advances in EU Competition Law damages actions. This edition also features insights from practising lawyers on national developments in over 10 countries across Europe and an updated, separately authored, chapter on the quantification of loss. This book will provide practising lawyers and scholars alike with a clear, well-structured and updated guide to EU Competition Law Damages. The book is all about the automata, formal language theory and computability. Automata theory plays important roles in compilers, text processing, programming languages, hardware designs and artificial intelligence and is the core base of computer science studies. The intent is to make automata theory interesting and challenging and break the myth of being a tough topic. For that matter, topics are covered in an easy to understand manner with the help of elaborative and well described examples. For topics which are little complex and fuzzy to understand, strategy adopted is to connect the topic with the everyday problems we encounter, in order to develop a connective understanding of the topic and get a clear view of the topic. Exercise questions are provided with the answers to understand the solution easily. The prospective audience for the book are computer science engineering students. Computer science scholars and people preparing for competitive exams like GATE, UGC-NET, etc.

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