

# Fatigue Analysis In Sesam White Paper Rev3

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[Evergreening Patent Exclusivity in Pharmaceutical Products](#) Jul 01 2020 This book analyses 4 central pieces of EU pharmaceutical regulation: the Orphan Drugs Regulation, the Paediatric Regulation, the Supplementary Protection Certificate Regulation, and the ATMP (Advanced Therapy Medicinal Products) Regulation. These four regulatory instruments constitute focal points in the pharmaceutical industry's approach to modern business and legal strategy. Their central role is justified by the way these regulatory instruments interact with each other and with the patent system, and by the considerable impact they (as a whole) have for the evergreening of exclusive rights on pharmaceutical products. The book guides the reader through the latest case law and legislative developments and discusses how these influence strategic legal and business choices in the pharmaceutical industry. It brings to the forefront the often-overlooked significance of the legislative architecture of the EU pharmaceutical regulatory framework, and evaluates its results through the lens of the efficiency test. The book is an important resource for academics and practitioners interested in updated case law and an in-depth analysis of these four regulations. It is also important for those interested in legislative studies, evaluation of legislation and a critical approach to legislative architecture.

*The Publishers' Circular and Booksellers' Record* Jun 24 2022

**Large Animal Internal Medicine - E-Book** Jul 21 2019 Large Animal Internal Medicine, 4th Edition features a problem-based approach with discussions of over 150 clinical signs. This is the first internal medicine reference that enables you to efficiently diagnose horses, cattle, sheep, and goats based on clinical observation and laboratory and diagnostic testing. With this user-friendly format, you can find essential information about specific diseases and reach a diagnosis by simply identifying the signs. A unique problem-based approach with discussions of over 150 clinical signs and manifestations helps you quickly reach a diagnosis based on observations and laboratory tests. Causes of Presenting Signs boxes provide easy access to complete lists of common, less common, and uncommon diseases associated with manifestations or signs of disease. Complete lists of diseases associated with a given lab abnormality in Causes of Abnormal Laboratory Values boxes help you easily interpret abnormalities in clinical chemistry, hematology, blood proteins, and clotting tests. An expert team of over 180 authors contributing information in their areas of expertise ensures you are using the most accurate and up-to-date information available. Color plates accompanying Diseases of the Eye and Diseases of the Alimentary Tract enable you to visually recognize the clinical appearance of ophthalmologic conditions and alimentary tract disorders for quick and easy diagnosis and treatment. Six all-new chapters provide in-depth coverage of diagnostic testing, critical care and fluid therapy, biosecurity and infection control, and genetic disorders.

**Travel** Apr 10 2021

**EU Enlargement and the Failure of Conditionality** Aug 22 2019 Among the criteria for accession to the European Union are democracy and the Rule of Law. In the insightful analysis offered by the author of this book, these concepts - while admirable and even necessary criteria in principle - are almost impossible to measure, and any judgement grounded in them will always be difficult to justify. In his words, 'by including analysis of democracy and the Rule of Law within the field of the EU enlargement law, the Union entered an unstable terrain of vague causal connections and blurred definitions.' Dr Kochenov addresses this problem by proceeding as follows: 1. Outlining EU enlargement law in general, including the principle of conditionality and the role played by the analysis of democracy and the Rule of Law in enlargement preparation; 2. Focusing on the role actually played by the monitoring of democracy and the Rule of Law in ten candidate countries, scrutinizing the way the EU used the legal tools and competences outlined in its enlargement law. The book adopts the EU's own understanding of democracy and the Rule of Law, as derived directly from the substance of the numerous legal and political instruments issued by the Community Institutions and especially the Commission in the course of the pre-accession process. In this way it demonstrates the actual - as opposed to the officially announced - role played by the assessment of democracy and the Rule of Law in the candidate countries in the regulation of enlargement. Many formidable inconsistencies in the application of the conditionality principle are thus laid bare. This leads the author to a series of recommendations on policy and procedure that he demonstrates could be profitably applied to the regulation of current and future accessions, using the Commission's own structure of monitoring pre-accession reforms in the three areas of the legislature, executive, and judiciary in candidate countries. The probity and soundness of these recommendations, firmly grounded as they are in the actual pre-accession monitoring and its consequences for the pre-accession progress of ten Eastern European countries admitted to the EU in 2004 and 2007, will greatly interest policymakers and scholars concerned with the future of European integration.

**Revelation** Sep 15 2021 The final book of the Bible, Revelation prophesies the ultimate judgement of mankind in a series of allegorical visions, grisly images and numerological predictions. According to these, empires will fall, the "Beast" will be destroyed and Christ will rule a new Jerusalem. With an introduction by Will Self.

*Before Official Multiculturalism* Dec 26 2019 For almost two decades before Canada officially adopted multiculturalism in 1971, a large network of women and their allies in Toronto were promoting pluralism as a city- and nation-building project. Before Official Multiculturalism assesses women as liberal pluralist advocates and activists, critically examining the key roles they played as community organizers, frontline social workers, and promoters of ethnic festivals. The book explores women's community-based activism in support of a liberal pluralist vision of multiculturalism through an analysis of the International Institute of Metropolitan Toronto, a postwar agency that sought to integrate newcomers into the mainstream and promote cultural diversity. Drawing on the rich records of the Institute, as well as the massive International Institutes collection in Minnesota, the book situates Toronto within its Canadian and North American contexts and addresses the flawed mandate to integrate immigrants and refugees into an increasingly diverse city. Before Official Multiculturalism engages with national and international debates to provide a critical analysis of women's pluralism in Canada.

*Hearings Relating to Madison Guaranty S&L and the Whitewater Development Corporation, Washington, DC Phase* Oct 24 2019

**OECD Competition Assessment Reviews: Portugal Volume I - Inland and Maritime Transports and Ports** Mar 09 2021 . Against this backdrop, this report analyses Portuguese regulations for road, railway and maritime transport, and many ancillary services (such as vehicle inspection centres), as well as Portugal's ports.

*The European Union Illuminated* Sep 22 2019 The EU is under stress. Many believe in the euro's demise because they blame it for the 2008 financial crisis and the unwelcome austerity measures. Many resent the immigrants from the new EU member states, threatening the survival of the Single European Market. Many complain of a 'Brussels diktat', seeking an escape from joint EU decisions. Several member states want to unilaterally deal with the enhanced competition from the emerging markets, especially China, undermining the EU's 'common commercial policy', run by a single EU commissioner. And many in the UK want its exit from the EU, diluting EU unity and reducing its global influence. These concerns are either misguided or require a stronger EU to deal with them – this book aims to address these issues by considering the nature, importance and future of the European Union.

*Applications of Artificial Intelligence and Machine Learning* Jan 19 2022 The book presents a collection of peer-reviewed articles from the International Conference on Advances and Applications of Artificial Intelligence and Machine Learning - ICAAAIML 2020. The book covers research in artificial intelligence, machine learning, and deep learning applications in healthcare, agriculture, business, and security. This volume contains research papers from academicians, researchers as well as students. There are also papers on core concepts of computer networks, intelligent system design and deployment, real-time systems, wireless sensor networks, sensors and sensor nodes, software engineering, and image processing. This book will be a valuable resource for students, academics, and practitioners in the industry working on AI applications.

*Optimization and Security Challenges in Smart Power Grids* Aug 14 2021 This book provides an overview of state-of-the-art research on "Systems and Optimization Aspects of Smart Grid Challenges." The authors have compiled and integrated different aspects of applied systems optimization research to smart grids, and also describe some of its critical challenges and requirements. The promise of a smarter electricity grid could significantly change how consumers use and pay for their electrical power, and could fundamentally reshape the current industry. Gaining increasing interest and acceptance, Smart Grid technologies combine power generation and delivery systems with advanced communication systems to help save energy, reduce energy costs and improve reliability. Taken together, these technologies support new approaches for load balancing and power distribution, allowing optimal runtime power routing and cost management. Such unprecedented capabilities, however, also present a set of new problems and challenges at the technical and regulatory levels that must be addressed by industry and the Research Community.

**Negotiating Asylum** Sep 03 2020 How is access to asylum and other forms of extraterritorial protection regulated in the European Union? Is the EU *acquis* in these areas in conformity with international law? Which tools does international law offer to solve collisions between both? And, finally, is law capable of bridging the foundational oppositions embedded in migration and asylum issues? This work combines the potential of legal formalism with an analytical framework drawing on political theory. It analyses the argumentative strategies used by international lawyers, and developed them further, exploiting the interpretative methodology of international law as well as elaborate discrimination arguments. The author concludes that deflecting protection seekers by means of visa requirements may constitute a violation of the European Convention of Human Rights, and that the prescriptions of international law oblige Member States to apply the Dublin Convention and the Spanish Protocol in a manner emptying it of its main control functions. The author also shows that burden-sharing remains the pivotal element in the normative dynamics behind the EU *acquis*, and explains why the European Court of Human Rights must be regarded as the only transnational forum for the legitimate negotiation of asylum in Europe.

[Probability on Graphs](#) Oct 16 2021 This introduction to some of the principal models in the theory of disordered systems leads the reader through the basics, to the very edge of contemporary research, with the minimum of technical fuss. Topics covered include random walk, percolation, self-avoiding walk, interacting particle systems, uniform spanning tree, random graphs, as well as the Ising, Potts, and random-cluster models for ferromagnetism, and the Lorentz model for motion in a random medium. This new edition features accounts of major recent progress, including the exact value of the connective constant of the hexagonal lattice, and the critical point of the random-cluster model on the square lattice. The choice of topics is strongly motivated by modern applications, and focuses on areas that merit further research. Accessible to a wide audience of mathematicians and physicists, this book can be used as a graduate course text. Each chapter ends with a range of exercises.

**Information Security Applications** Mar 29 2020 This book constitutes the thoroughly refereed post-workshop proceedings of the 17th International Workshop on Information Security Applications, WISA 2016, held on Jeju Island, Korea, in August 2016. The 31 revised full papers including two invited talks presented in this volume were carefully reviewed and selected from 61 submissions. The papers are organized in topical sections such as network security, threat analysis, application security, cryptographic. Protocols, cryptanalysis, cryptographic implementations, authentication using bio and ML, authentication, ICT Convergent security

*Recommendation for Pair-Wise Key Establishment Schemes Using Discrete Logarithm Cryptography* Jan 07 2021 This Recommendation specifies key establishment schemes using discrete logarithm cryptography, based on standards developed by the Accredited Standards Committee (ASC) X9, Inc.: ANS X9.42 (Agreement of Symmetric Keys Using Discrete Logarithm Cryptography) and ANS X9.63 (Key Agreement and Key Transport Using Elliptic Curve Cryptography).

[European Agencies and Risk Governance in EU Financial Market Law](#) Jan 27 2020 The phenomenon of 'agencification' describes the EU legislator's increasing establishment of European agencies to fulfil tasks in a variety of EU policies. The creation of these decentralised administrative entities raises a number of questions; for example, on the limits to such delegation of powers, on the agencies' institutional development and possible classification, and on the role of comitology committees as an institutional alternative. This book examines the EU's 'agencification' with regard to these questions, on the basis of and with reference to which the focus is laid on the European agencies operating in the field of financial market risk governance. This analysis not only encompasses the three European Financial Market Supervisory Authorities (the ESAs), but also takes into account the institutional change brought about by the Banking Union, more specifically the Single Supervisory Mechanism (SSM) and the Single Resolution Mechanism (SRM). While the SRM sets in place a new European agency, the Single Resolution Board (SRB), the SSM establishes and empowers a new body within the organisation of the European Central Bank (ECB), the Supervisory Board. By exploring the organisation, the tasks and the powers of these actors in financial market regulation and supervision, the book points at the current peak of the institutional development of European agencies and assesses organisation and unprecedented powers with a view to their compliance with EU law, in particular the Treaties and the respective case law of the European courts. As an evaluation of various aspects of the progressing centralisation of regulatory power on the EU level, which is exercised by an increasingly decentralised administrative apparatus, this book will be of great interest and use to students and scholars of EU law, financial law and regulation, and European politics.

**Treasury Department Document Production** Dec 06 2020

*Double (Non-)Taxation and EU Law* Nov 05 2020 Everywhere,new tax rules are under development to engage with the ever-increasing complexity and sophistication of aggressive tax planning and to reverse the tax base erosion it leads to. The most prominent initiative in this context is the Base Erosion and Profit Shifting (BEPS) project of the OECD. Although double non-taxation is among the main issues the BEPS project intends to address, this book shows that this phenomenon has not yet been fully understood. Focusing on the fundamental freedoms and the State aid rules of the EU, this book thoroughly explains the nature of double non-taxation from an EU law perspective, its relation to double taxation, and the impact of EU law on these phenomena. Among the issues dealt with in the course of the analysis are the following: – locating the gaps and inconsistencies among domestic tax systems exploited by taxpayers; – hybrid mismatch arrangements as a prime example of double non-taxation; – political efforts undertaken within the EU in order to address double taxation and double non-taxation; – double non-taxation in the European VAT system; – the convergence of the fundamental freedoms and the State aid rules; – the ECJ's dilemma with regard to juridical double taxation; – the deviating approach with regard to economic

double taxation; – the potential impact of the ECJ’s case law on the EU law compatibility of double non-taxation. The tax jurisprudence of the ECJ is referred to and comprehensively analysed throughout this whole book. A final chapter provides an outlook on possible developments in the future. By providing the first in-depth analysis of EU law’s impact on double non-taxation – and the double taxation relief standards with which it is intimately related – this book takes a giant step towards greater legal certainty in this challenging area of tax law. It will quickly take its place as a major practical analysis which benefits tax authorities, scholars, and tax practitioners across Europe and even beyond.

**11th Symposium on High Performance Interconnects** Mar 21 2022

**Investigation of the Assassination of President John F. Kennedy** Aug 02 2020

**Air Flow Management in Raised Floor Data Centers** Jul 25 2022 The Brief discuss primarily two aspects of air flow management in raised floor data centers. Firstly, cooling air delivery through perforated tiles will be examined and influence of the tile geometry on flow field development and hot air entrainment above perforated tiles will be discussed. Secondly, the use of cold aisle containment to physically separate hot and cold regions, and minimize hot and cold air mixing will be presented. Both experimental investigations and computational efforts are discussed and development of computational fluid dynamics (CFD) based models for simulating air flow in data centers is included. In addition, metrology tools for facility scale air velocity and temperature measurement, and air flow rate measurement through perforated floor tiles and server racks are examined and the authors present thermodynamics-based models to gauge the effectiveness and importance of air flow management schemes in data centers.

**PET/CT Imaging** May 23 2022 The aim of this book is to provide concise information and quick reference on the basics and practice of PET/CT for beginners. The chapters are written by Nuclear Medicine experts from different countries with enormous experience in PET/CT practice. Starting with the basics of PET/CT describing physics and the use of radiopharmaceuticals in PET/CT, the book explores the principle of PET/CT in radiotherapy planning. The last five chapters explore normal variation, pitfalls and artefacts commonly seen with various routinely used PET radiotracers. The text is enriched by tables and highlighted clinical cases for better understanding. This book will be of interest mostly to nuclear medicine physicians and radiologists, but it may be appealing also to a wider medical community including oncologists and radiotherapists.

**Title List of Documents Made Publicly Available** Nov 17 2021

**Reports of Cases Determined in the Courts of Appeal of the State of California** Apr 22 2022

**Palliative Care E-Book** Oct 04 2020 Find out all you need to know about providing high-quality care to patients with serious illnesses from the 2nd edition of Palliative Care: Core Skills and Clinical Competencies. Drs. Linda L. Emanuel and S. Lawrence Librach, leaders in the field, address the clinical, physical, psychological, cultural, and spiritual dimensions that are integral to the care of the whole patient. They give you a broad understanding of the core clinical skills and competencies needed to effectively approach patient assessment, care of special populations, symptom control, ethical issues, and more. Clearly written in a user-friendly, high-yield format, this resource is your ultimate guidebook to the burgeoning practice of palliative medicine. Improve your pain management and symptom management skills with a better understanding of best practices in palliative care. Quickly review specific treatment protocols for both malignant and non-malignant illnesses, including HIV/AIDS, heart failure, renal failure, pulmonary disease, and neurodegenerative disease. Better understand and manage the common and unique challenges associated with delivering palliative care in various social settings, such as the ICU, hospice, and the home; and to diverse populations, such as children, elders, and vulnerable members of society. Expand your knowledge of palliative care issues with new chapters on Veterans, Special Populations, Prognostication, Delirium, Working with Families, Wound Care, Home Care, and Dealing with Economic Hardship. Find the information you need quickly and easily with a templated, high-yield format.

**JOIDES Journal** Feb 20 2022

**White Paper on the Progress, Accomplishments and Future of Sustainable Inland Water Transport** Sep 27 2022 This is the third edition of a policy paper on the current situation, trends and challenges in Inland Water Transport on European inland waterways of international importance in the region of the Economic Commission for Europe. The White Paper describes the current status of the E Waterway Network, the evolution of the institutional and regulatory framework for inland navigation since 2011, recent programmes and activities of UNECE, the European Union and other international organizations. The White Paper identifies eight priority areas to make IWT in the ECE region more sustainable and competitive, and comes up with policy recommendations for UNECE actions for each of them.

**Consumer Involvement in Private EU Competition Law Enforcement** Jun 19 2019 This text is a timely and comprehensive examination of consumer participation in EU competition law enforcement. Using in-depth analysis of recent case law and policy documents, it offers a clear and innovative framework of the subject’s normative and practical aspects, and proposes necessary remedial and procedural rules to enable participation.

**Air University Library Index to Military Periodicals** Oct 28 2022

**Communicating Process Architectures 2009** May 11 2021 This book is a collection of the papers presented at the 32nd Communicating Process Architecture conference (CPA), held at the Technical University Eindhoven, the Netherlands, from the 1st to the 4th of November 2009. Concurrency is a fundamental mechanism of the universe, existing in all structures and at all levels of granularity. To be useful in this universe, any computer system has to model and reflect an appropriate level of abstraction. For simplicity, therefore, the system needs to be concurrent - so that this modeling is obvious and correct. Today, the commercial reality of multicore processors means that concurrency issues can no longer be ducked if applications are going to be able to exploit more than an ever-diminishing fraction of their power. This is a second, but very forceful, reason to take this subject seriously. We need theory and programming technology that turns this around and makes concurrency an elementary part of the everyday toolkit of every software engineer. This is what these proceedings are all about. Subjects covered in this volume include: system design and implementation for both hardware and software; tools for concurrent programming languages, libraries and run-time kernels; and formal methods and applications.

**Artificial Intelligence for Sustainable Finance and Sustainable Technology** Jun 12 2021 This book shows latest research on artificial intelligence for sustainable technology. ICGER 2021 was organized by the Accounting, Finance and Banking Department at Ahlia University, Bahrain, and was conducted on the 15th and 16th of September. The strategic partners included the University of Jordan, the Bahrain Economists Society, the Association of Chartered Certified Accountants: ACCA, Al-Barka Banking Group and the International Computer Auditing Education Association: ICAEA . The theme of the ICGER 2021 centered around artificial intelligence for sustainable finance and sustainable technology. Accordingly, the papers presented at the conference provided a holistic view of sustainable finance, sustainability, AI, financial technology, cybersecurity, blockchain, CSR, and governance. This book, unlike ever before, brings together intelligence applications of new technologies and the sustainability requirements in the era of the digital economy, with special attention given to the opportunities, challenges, for education, business growth, and economic progression of nations which will help societies (economists, financial managers, engineers, ICT specialists, digital managers, data managers, policymakers, regulators, researchers, academics, and students) to better understand, use, and control AI applications and financial technologies to develop future strategies and to achieve sustainable development goals.

**Air University Library Index to Military Periodicals** Aug 26 2022

**The Security Risk Assessment Handbook** Jul 13 2021 The Security Risk Assessment Handbook: A Complete Guide for Performing Security Risk Assessments provides detailed insight into precisely how to conduct an information security risk assessment. Designed for security professionals and their customers who want a more in-depth understanding of the risk assessment process, this volume contains real-wor

**Medical-Surgical Nursing - E-Book** Nov 24 2019 Written by a dedicated team of expert authors led by Sharon Lewis, Medical-Surgical Nursing, 8th Edition offers up-to-date coverage of the latest trends, hot topics, and clinical developments in the field, to help you provide exceptional care in today’s fast-paced health care environment. Completely revised and updated content explores patient care in various clinical settings and focuses on key topics such as prioritization, clinical decision-making, patient safety, and NCLEX® exam preparation. A variety of helpful boxes and tables make it easy to find essential information and the accessible writing style makes even complex concepts easy to grasp! Best of all — a complete collection of interactive learning and study tools help you learn more effectively and offer valuable, real-world preparation for clinical practice.

**A Layman’s Guide to the Book of Revelation** Dec 18 2021 Many mistakenly believe that Revelation is the most mysterious and hard to understand book of the Bible. On the contrary, a special blessing is promised to anyone who reads or anyone who hears the words of this prophecy. Because many people in John’s time could not read or write, a scribe, priest, or someone else who could read would read scriptures out loud for the benefit of others. In A Layman’s Guide to the Book of Revelation, author Reverend Fredrick A. Wierschke offers an easy-to-understand interpretation of this book in the Bible. Following the lead of the Holy Spirit, Wierschke analyzes the scriptures verse by verse, presenting in-depth and thorough insight into this often-misunderstood book. Charts and note-taking space are included.

**UWB Communication Systems** May 31 2020 Ultrawideband (UWB) communication systems offer an unprecedented opportunity to impact the future communication world. The enormous available bandwidth, the wide scope of the data rate / range trade-off, as well as the potential for very low-cost operation leading to pervasive usage, all present a unique opportunity for UWB systems to impact the way people and intelligent machines communicate and interact with their environment. The aim of this book is to provide an overview of the state of the art of UWB systems from theory to applications. Due to the rapid progress of multidisciplinary UWB research, such an overview can only be achieved by combining the areas of expertise of several scientists in the field. More than 30 leading UWB researchers and practitioners have contributed to this book covering the major topics relevant to UWB. These topics include UWB signal processing, UWB channel measurement and modeling, higher-layer protocol issues, spatial aspects of UWB signaling, UWB regulation and standardization, implementation issues, and UWB applications as well as positioning. The book is targeted at advanced academic researchers, wireless designers, and graduate students wishing to greatly enhance their knowledge of all aspects of UWB systems

**GaN Transistors for Efficient Power Conversion** Feb 26 2020 Gallium nitride (GaN) is an emerging technology that promises to displace silicon MOSFETs in the next generation of power transistors. As silicon approaches its performance limits, GaN devices offer superior conductivity and switching characteristics, allowing designers to greatly reduce system power losses, size, weight, and cost. This timely second edition has been substantially expanded to keep students and practicing power conversion engineers ahead of the learning curve in GaN technology advancements. Acknowledging that GaN transistors are not one-to-one replacements for the current MOSFET technology, this book serves as a practical guide for understanding basic GaN transistor construction, characteristics, and applications. Included are discussions on the fundamental physics of these power semiconductors, layout and other circuit design considerations, as well as specific application examples demonstrating design techniques when employing GaN devices. With higher-frequency switching capabilities, GaN devices offer the chance to increase efficiency in existing applications such as DC–DC conversion, while opening possibilities for new applications including wireless power transfer and envelope tracking. This book is an essential learning tool and reference guide to enable power conversion engineers to design energy-efficient, smaller and more cost-effective products using GaN transistors. Key features: Written by leaders in the power semiconductor field and industry pioneers in GaN power transistor technology and applications. Contains useful discussions on device–circuit interactions, which are highly valuable since the new and high performance GaN power transistors require thoughtfully designed drive/control circuits in order to fully achieve their performance potential. Features practical guidance on formulating specific circuit designs when constructing power conversion systems using GaN transistors – see companion website for further details. A valuable learning resource for professional engineers and systems designers needing to fully understand new devices as well as electrical engineering students.

**Blockchain for International Security** Apr 29 2020 This book intersects the distributed ledger technology (DLT) community with the international security community. Given the increasing application of blockchain technology in the fields of business and international development, there is a growing body of study on other use cases. For instance, can blockchain have a significant role in preserving and improving international security? This book explores this question in the context of preventing the proliferation of some of the most dangerous materials in the world—items that if not secured can lead to the development of weapons of mass destruction. It considers how blockchain can increase efficiencies in the global trade of nuclear and chemical materials and technology, thereby increasing assurances related to compliance with international nonproliferation and disarmament treaties.

**Deploying Foresight for Policy and Strategy Makers** Feb 08 2021 This book develops foresight techniques to turn future societal challenges into opportunities. The authors present foresight approaches for innovation policy and management. Future developments in fields such as education, energy, new materials, nanotechnologies are highlighted for different countries. Readers will discover tools and instruments to capture the potentials of the grand societal challenges as defined by the United Nations. This book is a valuable resource for researchers and scholars with an interest in foresight methods and gives practical hints for policy makers and managers to take account of the grand opportunities in their business and policy strategies.