

Electronic Engineering Books

2010 First International Conference on Electrical and Electronics Engineering was held in Wuhan, China December 4-5. Advanced Electrical and Electronics Engineering book contains 72 revised and extended research articles written by prominent researchers participating in the conference. Topics covered include, Power Engineering, Telecommunication, Control engineering, Signal processing, Integrated circuit, Electronic amplifier, Nano-technologies, Circuits and networks, Microelectronics, Analog circuits, Digital circuits, Nonlinear circuits, Mixed-mode circuits, Circuits design, Sensors, CAD tools, DNA computing, Superconductivity circuits. Electrical and Electronics Engineering will offer the state of art of tremendous advances in Electrical and Electronics Engineering and also serve as an excellent reference work for researchers and graduate students working with/on Electrical and Electronics Engineering.

This is the book, in which the subject matter is dealt from elementary to the advance level in a unique manner. Three outstanding features can be claimed for the book viz. (i) style; the student, while going through the pages would feel as if he is attending a class room. (ii) language: that an average student can follow and (iii) approach: it takes the student from "known to unknown" and "simple to complex." The book is reader friendly, thought provoking and stimulating. It helps in clearing cobwebs of the mind. The style is lucid and un-adulterated. Unnecessary mathematics has been avoided. Note: T&F does not sell or distribute the Hardback in India, Pakistan, Nepal, Bhutan, Bangladesh and Sri Lanka.

This book critically evaluates the complex relations between physical activity, health imperatives and cultural and social opportunities in low- and middle-income countries (LMICs). The book explores the uncertainty of knowledge around physical activity behavior and its distinctive meanings in LMIC contexts, the factors influencing physical activity, and how populations across the world understand and live the concept of physical activity. It discusses the key challenges and opportunities for sustaining physical activity within geographically and culturally diverse contexts of LMICs; introduces the reader to contemporary global physical activity approaches, models and policies; and presents case studies from around the world, including Asia, Africa, South America, the Pacific and Europe. Overall, the text relates theory to practical examples to facilitate a better understanding of physical activity in context, emphasizes the need for targeted, context-specific and locally relevant interventions to create PA-enabling environments in LMICs, and highlights the role of a range of stakeholders, including policy makers and urban planners, sport and recreation services, mass media, educators and the civil society in shaping population physical activity levels. Taken together, this edited volume brings together the latest research on PA in LMICs from around the world, informs and directs future research and necessary policy change towards the sustainable integration of PA opportunities, and seeks to ultimately foster and promote population-based PA in LMIC settings. By presenting empirical data and policy recommendations, this text will appeal to scholars, researchers and practitioners with an interest in physical activity research, public health, health promotion, sociology of sport, and sports sciences in LMICs, as well as policy makers and experts working in health promotion, public health, sports and fitness, but also in the urban planning and infrastructure and governmental industries.

This volume covers principles and applications of electrical engineering, with the help of several pedagogical features.

This second edition, extensively revised and updated, continues to offer sound, practically-oriented, modularized coverage of the full spectrum of fundamental topics in each of the several major areas of electrical and electronics engineering. Circuit Theory Electrical Measurements and Measuring Instruments Electric Machines Electric Power Systems Control Systems Signals and Systems Analog and Digital Electronics including introduction to microcomputers The book conforms to the syllabi of Basic Electrical and Electronic Sciences prescribed for the first-year engineering students. It is also an ideal text for students pursuing diploma programmes in Electrical Engineering. Written in a straightforward style with a strong emphasis on primary principles, the main objective of the book is to bring an understanding of the subject within the reach of all engineering students. What is New to This Edition : Fundamentals of Control Systems (Chapter 24) Fundamentals of Signals and Systems (Chapter 25) Introduction to Microcomputers (Chapter 32) Substantial revisions to chapters on Transformer, Semiconductor Diodes and Transistors, and Field Effect Transistors Laplace Transform (Appendix B) Applications of Laplace Transform (Appendix C) PSpice (Appendix E) key Features : Numerous solved examples for sound conceptual understanding End-of-chapter review questions and numerical problems for rigorous practice by students Answers to all end-of-chapter numerical problems An objective type Questions Bank with answers to hone the technical skills of students for viva voce and preparation for competitive examinations.

The Standard Handbook of Electronics Engineering has defined its field for over thirty years. Spun off in the 1960's from Fink's Standard Handbook of Electrical Engineering, the Christiansen book has seen its markets grow rapidly, as electronic engineering and microelectronics became the growth engine of digital computing. The EE market has now undergone another seismic shift—away from computing and into communications and media. The Handbook will retain much of its evergreen basic material, but the key applications sections will now focus upon communications, networked media, and medicine—the eventual destination of the majority of graduating EEs these days.

This volume explores illusionism as a much larger phenomenon than optical illusion, magic shows, or special effects, as a vital part of how we perceive, process, and shape the world in which we live. Considering different cultural practices characterized by illusionism, this book suggests a new approach to illusion via media theory. Each of the chapters analyses a specific kind of illusionistic practice and the concept of illusionism it entails in a given context, including philosophy, perception and cognitive theory, performance magic, occultism, optics, physiology, early cinema, cartomancy, spiritualism, architecture, shamanic rituals, and theoretical physics, to show the diversity of shapes that illusionism and illusions can take. The book provides detailed analyses of illusions within performance and ritual magic, philosophy, art history and psychology as well as a first approach to the study of illusions outside of these established fields. It aims to find ways of identifying and analysing a wider range of illusions in the humanities. This multidisciplinary and comprehensive volume will appeal to scholars and students with an interest in media and culture, theatre and performance, philosophy, sociology, politics and religion. This publication was supported by the Internationales Kolleg für Kulturtechnikforschung und Medienphilosophie of the Bauhaus-Universität Weimar with funds from the German Federal Ministry of Education and Research. IKKM Books Volume 47 An overview of the whole series can be found at www.ikkm-weimar.de/schriften

This book presents selected papers from the 2021 International Conference on Electrical and Electronics Engineering (ICEEE 2020), held on January 2, 2021. The book focuses on the current developments in various fields of electrical and electronics engineering, such as power generation, transmission and distribution; renewable energy sources and technologies; power

electronics and applications; robotics; artificial intelligence and IoT; control, automation and instrumentation; electronics devices, circuits and systems; wireless and optical communication; RF and microwaves; VLSI; and signal processing. The book is a valuable resource for academics and industry professionals alike.

In the electronics industry today consumer demand for devices with hyper-connectivity and mobility has resulted in the development of a complete system on a chip (SoC). Using the old 'rule of thumb' design methods of the past is no longer feasible for these new complex electronic systems. To develop highly successful systems that meet the requirements and quality expectations of customers, engineers now need to use a rigorous, model-based approach in their designs. This book provides the definitive guide to the techniques, methods and technologies for electronic systems engineers, embedded systems engineers, and hardware and software engineers to carry out model-based electronic system design, as well as for students of IC systems design. Based on the authors' considerable industrial experience, the book shows how to implement the methods in the context of integrated circuit design flows. Complete guide to methods, techniques and technologies of model-based engineering design for developing robust electronic systems Written by world experts in model-based design who have considerable industrial experience Shows how to adopt the methods using numerous industrial examples in the context of integrated circuit design

The International Conference of Electronic Engineering and Information Science 2015 (ICEEIS 2015) was held on January 17-18, 2015, Harbin, China. This proceedings volume assembles papers from various researchers, engineers and educators engaged in the fields of electronic engineering and information science. The papers in this proceedings Electromagnetism for Engineers: An Introductory Course, Third Edition covers the principles of electromagnetism. The book discusses electric charges at rest; steady electric currents; and the magnetic field of steady electric currents. The text also describes electromagnetic induction; the magnetic effects of iron; and electromagnetic radiation. Mechanical and other kinds of engineers and engineering students who need knowledge on electromagnetism will find the book invaluable.

Providing an introduction to good engineering practice for electrical and electronic engineers, this book is intended for first- and second-year undergraduate courses. It deals with engineering practice in relation to important topics such as reliability and maintainability, heat management and parasitic electrical effects, environmental influences, testing and safety. The coverage encompasses the properties, behaviour, fabrication and use of materials and components used in the fields of computing, digital systems, instrumentation, and control. The second edition has been revised extensively to reflect advances in technology, with new material on insulation-displacement jointing and electrical-safety testing.

Electrical engineering studies electricity and electromagnetism for creating devices to regulate and control electric current and electronic engineering is concerned with the creation of circuits that can contain and transmit electricity. This book on electrical and electronic engineering elucidates new techniques and applications in a multidisciplinary approach. The objective of this book is to give a general view of the different areas of these allied fields, and their applications. It presents the complex subject of electrical and electronic engineering in the most comprehensible and easy to understand language. This book, with its detailed analyses and data, will prove immensely beneficial to professionals and students involved in this area.

This practical resource introduces electrical and electronic principles and technology covering theory through detailed examples, enabling students to develop a sound understanding of the knowledge required by technicians in fields such as electrical engineering, electronics and telecommunications. No previous background in engineering is assumed, making this an ideal text for vocational courses at Levels 2 and 3, foundation degrees and introductory courses for undergraduates.

Electronics Engineer's Reference Book, Sixth Edition is a five-part book that begins with a synopsis of mathematical and electrical techniques used in the analysis of electronic systems. Part II covers physical phenomena, such as electricity, light, and radiation, often met with in electronic systems. Part III contains chapters on basic electronic components and materials, the building blocks of any electronic design. Part IV highlights electronic circuit design and instrumentation. The last part shows the application areas of electronics such as radar and computers.

Ian Sinclair's Practical Electronics Handbook combines a wealth of useful day-to-day electronics information, concise explanations and practical guidance in this essential companion to anyone involved in electronics design and construction. The compact collection of key data, fundamental principles and circuit design basics provides an ideal reference for a wide range of students, enthusiasts, technicians and practitioners of electronics who have progressed beyond the basics. The sixth edition is updated throughout with new material on microcontrollers and computer assistance, and a new chapter on digital signal processing · Invaluable handbook and reference for hobbyists, students and technicians · Essential day-to-day electronics information, clear explanations and practical guidance in one compact volume · Assumes some previous electronics knowledge but coverage to interest beginners and professionals alike

This international collection provides a comprehensive overview of twin cities in different circumstances – from the emergent to the recently amalgamated, on 'soft' and 'hard' borders, with post-colonial heritage, in post-conflict environments and under strain. With examples from Europe, the Middle East, Africa, Asia, South America, North America and the Caribbean, the volume sees twin cities as intense thermometers for developments in the wider urban world globally. It offers interdisciplinary perspectives that bridge history, politics, culture, economy, geography and other fields, applying these lenses to examples of twin cities in remote places. Providing a comparative approach and drawing on a range of methodologies, the book explores where and how twin cities arise; what twin cities can tell us about international borders; and the way in which some twin cities bear the spatial marks of their colonial past. The chapters explore the impact on twin-city relations of contemporary pressures, such as mass migration, the rise of populism, East-West tensions, international crime, surveillance, rebordering trends and epidemiological risks triggered by the COVID-19 pandemic. With case studies across the continents, this volume for the first time extends twin-city debates to fictional imaginings of twin cities. Twin Cities across Five Continents is a valuable resource for researchers in the fields of anthropology, history, geography, urban studies, border studies, international relations and global development as well as for students in these disciplines.

School culture is unarguably central to a school's success or failure. While there is no single "correct" school culture, there are lessons to be learned. Culture Rules examines the factors that create an environment where students want to learn, and adults want to teach. Culture Rules explores staff culture, student culture, team building, establishing and maintaining norms inside and outside the classroom, and lessons learned from top-performing schools. By sharing her personal journey in school leadership, Jo Facer: explores the different factors that can affect a school's culture; considers hot topics such as teacher workload, discipline, marking, CPD and shows how these can influence a school's culture and success; and includes real case studies to show how schools have developed a strong culture and the impact on performance. Full of practical, sustainable ideas for schools to implement in the short and long term, this is essential reading for all school leaders in primary and secondary schools looking to build a great school culture in their organisations.

Electronics and Electronic Systems explores the significant developments in the field of electronics and electronic devices. This book is organized into three parts encompassing 11 chapters that discuss the fundamental circuit theory and the principles of analog and digital electronics. This book deals first with the passive components of electronic systems, such as resistors, capacitors, and inductors. These topics are followed by a discussion on the analysis of electronic circuits, which involves three ways, namely, the actual circuit, graphical techniques, and rule of thumb. The remaining parts highlight the fundamentals and components of analog and digital electronics. These chapters specifically tackle the mathematical techniques used in connection with both the j-notation and Laplace transforms. This book is an ideal source for first and second year undergraduates with degrees in electronics, electronic engineering, physics and other related subjects. Electrical Engineering 101 covers the basic theory and practice of electronics, starting by answering the question "What is electricity?" It goes on to explain the fundamental principles and components, relating them constantly to real-world examples. Sections on tools and troubleshooting give engineers deeper understanding and the know-how to create and maintain their own electronic design projects. Unlike other books that simply describe electronics and provide step-by-step build instructions, EE101 delves into how and why electricity and electronics work, giving the reader the tools to take their electronics education to the next level. It is written in a down-to-earth style and explains jargon, technical terms and schematics as they arise. The author builds a genuine understanding of the fundamentals and shows how they can be applied to a range of engineering problems. This third edition includes more real-world examples and a glossary of formulae. It contains new coverage of: Microcontrollers FPGAs Classes of components Memory (RAM, ROM, etc.) Surface mount High speed design Board layout Advanced digital electronics (e.g. processors) Transistor circuits and circuit design Op-amp and logic circuits Use of test equipment Gives readers a simple explanation of complex concepts, in terms they can understand and relate to everyday life. Updated content throughout and new material on the latest technological advances. Provides readers with an invaluable set of tools and references that they can use in their everyday work.

Written in easy-to-understand language with illustrative designs and examples, Electronics Engineering covers all aspects of electronics fundamentals. It begins with semiconductors and diodes, the simplest form of semiconductor device. It goes on to examine the bipolar junction transistor (BJT), field effect transistor (FET), operational amplifier (Op-Amp), switching theory and logic design (STLD), and electronics instruments. Each chapter provides a summary and a series of questions for exercise purposes, helping readers to test their assimilation of the material.

Electronics Engineer's Reference Book, 4th Edition is a reference book for electronic engineers that reviews the knowledge and techniques in electronics engineering and covers topics ranging from basics to materials and components, devices, circuits, measurements, and applications. This edition is comprised of 27 chapters; the first of which presents general information on electronics engineering, including terminology, mathematical equations, mathematical signs and symbols, and Greek alphabet and symbols. Attention then turns to the history of electronics; electromagnetic and nuclear radiation; the influence of the ionosphere and the troposphere on the propagation of radio waves; and basic electronic circuits. The reader is also introduced to devices such as electron valves and tubes, integrated circuits, and solid-state devices. The remaining chapters focus on other areas of electronics engineering, including sound and video recording; electronic music and radio astronomy; and applications of electronics in weather forecasting, space exploration, and education. This book will be of value to electronics engineers and professionals in other engineering disciplines, as well as to scientists, students, management personnel, educators, and readers with a general interest in electronics and their applications.

With growing consumer demand for portability and miniaturization in electronics, design engineers must concentrate on many additional aspects in their core design. The plethora of components that must be considered requires that engineers have a concise understanding of each aspect of the design process in order to prevent bug-laden prototypes. Electronic Circuit Design allows engineers to understand the total design process and develop prototypes which require little to no debugging before release. It provides step-by-step instruction featuring modern components, such as analog and mixed signal blocks, in each chapter. The book details every aspect of the design process from conceptualization and specification to final implementation and release. The text also demonstrates how to utilize device data sheet information and associated application notes to design an electronic system. The hybrid nature of electronic system design poses a great challenge to engineers. This book equips electronics designers with the practical knowledge and tools needed to develop problem free prototypes that are ready for release.

Artificial intelligence has been applied to many areas of science and technology, including the power and energy sector. Renewable energy in particular has experienced the tremendous positive impact of these developments. With the recent evolution of smart energy technologies, engineers and scientists working in this sector need an exhaustive source of current knowledge to effectively cater to the energy needs of citizens of developing countries. Computational Methodologies for Electrical and Electronics Engineers is a collection of innovative research that provides a complete insight and overview of the application of intelligent computational techniques in power and energy. Featuring research on a wide range of topics such as artificial neural networks, smart grids, and soft computing, this book is ideally designed for programmers, engineers, technicians, ecologists, entrepreneurs, researchers, academicians, and students.

This is a book for electrical and electronic engineers, not for materials scientists. Every explanation is rendered in its simplest and clearest form and as many relevant examples are included as possible. At every point, the author makes clear the direct relevance of every topic to the reader's main course of study: electrical and electronic engineering. The central theme is that the type of bonding in a solid not only controls its electrical properties but also, and just as directly, its mechanical properties and how things are made from it. Thus the reason why a copper wire can conduct electricity is exactly the same reason it can be drawn into a wire in the first place. The reason why a piece of porcelain does not conduct electricity is the same as why it cannot be rolled into its final shape as copper could and thus has to be made directly. This common origin of electrical and mechanical properties dictates the structure of the book.

Is Circuit Engineering what you want to learn? Always wondered how one becomes an Electrical Engineer? Do Semi-Conductors and Circuit Boards interest you? Download Circuit Engineering to discover everything you need to know about basic electronics. Step by step to increase your electrical skills. Learn the anatomy of a circuit. All your basic knowledge in one download! You need to get it now to know whats inside as it cant be shared here!

Introduction to AI techniques for Renewable Energy System Artificial Intelligence (AI) techniques play an essential role in modeling, analysis, and prediction of the performance and control of renewable energy. The algorithms used to model, control, or

predict performances of the energy systems are complicated, involving differential equations, enormous computing power, and time requirements. Instead of complex rules and mathematical routines, AI techniques can learn critical information patterns within a multidimensional information domain. Design, control, and operation of renewable energy systems require a long-term series of meteorological data such as solar radiation, temperature, or wind data. Such long-term measurements are often non-existent for most of the interest locations or, wherever they are available, they suffer from several shortcomings, like inferior quality of data, and in-sufficient long series. The book focuses on AI techniques to overcome these problems. It summarizes commonly used AI methodologies in renewal energy, with a particular emphasis on neural networks, fuzzy logic, and genetic algorithms. It outlines selected AI applications for renewable energy. In particular, it discusses methods using the AI approach for prediction and modeling of solar radiation, seizing, performances, and controls of the solar photovoltaic (PV) systems. Features Focuses on a significant area of concern to develop a foundation for the implementation of renewable energy system with intelligent techniques Showcases how researchers working on renewable energy systems can correlate their work with intelligent and machine learning approaches Highlights international standards for intelligent renewable energy systems design, reliability, and maintenance Provides insights on solar cell, biofuels, wind, and other renewable energy systems design and characterization, including the equipment for smart energy systems This book, which includes real-life examples, is aimed at undergraduate and graduate students and academicians studying AI techniques used in renewal energy systems.

Electrical and Electronic Engineering provides a foundation for first year undergraduates and HND students in electrical and electronic engineering. It offers exceptional breadth of coverage and detail in a clear and accessible manner. Suitable for specialists and non-specialists, it makes no excessive demands on the reader's mathematical skills. The basics of circuit theory and analysis are covered at the outset, followed by discrete devices and integrated circuits. Electrical machines, power electronics and digital logic circuits are treated thoroughly in a central group of chapters. Coverage of the essentials of computer architecture and networks is followed by a detailed chapter on microprocessors and microcontrollers. The importance of modern communications technology is reflected in the comprehensive group of chapters devoted to analogue, digital and optical fibre communications systems and telephony. Two concluding chapters deal with the important topic of electromagnetic compatibility and the basics of instrumentation and measurement that are essential for non-specialists. This fully revised third edition of this popular text uses a wealth of practical exercises and examples making it ideal as a teaching resource or a study tool.

Electronics for Service Engineers is the first text designed specifically for the Level 2 NVQs in Electronics Servicing. It provides the underpinning knowledge required by brown goods and white goods students, reflecting the popularity of the EMTA white goods NVQs. It has also been written in the light of the new EEB / City & Guilds Level 2 progression award (RVQ) for brown goods and commercial electronics, dubbed 'son of 2240', and the existing 2240 part 1. The wide ranging experience of the authors makes this a readable book with much relevance to the real-life challenges of the service engineer. From simple mathematics and circuit theory to transmission theory and aerials, from health and safety to logic gates and transducers, the complete range of knowledge required to service electronic and electrical equipment is here. This practical emphasis makes the book ideal for existing service engineers seeking to gain an NVQ. Numerous questions and worked examples throughout the text allow readers to monitor their own progress, and provide practice for C&G tests. Joe Cieszynski and Dave Fox have a wide mix of experience, both in the field and workshop working on TV and audio, and teaching electronic servicing and security installation at MANCAT. Joe writes regularly for Television magazine.

Professional Counseling Excellence through Leadership and Advocacy provides readers with the knowledge, skills, and qualities to succeed as leaders and advocates throughout their careers. Edited by leaders in counselor education and endorsed by Chi Sigma Iota, this text places leadership and advocacy in a historical context while strengthening the foundational knowledge and skills counselors need. The new edition integrates the Multicultural and Social Justice Counseling Competencies (MSJCCs) and applies them to a variety of counseling settings at both local and state levels. Chapters also address leadership and design of effective counselor education programs, curricular implications, supervision and consultation, and research directions. The new edition is designed for counselor educators and supervisors and doctoral-level counselor education students who are studying leadership and advocacy as one of five core areas within the 2016 CACREP standards and for master's level students and practitioners who are growing their leadership and advocacy skills.

Cutting edge electronics technology demystified Anyone with a basic technical background can gain a fast understanding of electronics technology with the easy-to-read Electronics Technology Handbook. Electronic engineering newcomers will find this a one-step, non-mathematical resource for clear explanations of electronics technology essentials--from AC theory and generation to wireless communications and microprocessors. Encyclopedic coverage supported with hundreds of concept-clarifying illustrations shows you exactly how contemporary electronic devices and systems work and interact. You'll quickly discover the principles at the heart of such widely used technologies as transistors; integrated circuits; television; ATM machines; cell phones; bar-code readers; sensors; robotics; satellites; electron microscopes; process control; radar; global positioning system; night vision systems; and much more.

Pocket Book of Electrical Engineering Formulas provides key formulas used in practically all areas of electrical engineering and applied mathematics. This handy, pocket-sized guide has been organized by topic field to make finding information quick and easy. The book features an extensive index and is an excellent quick reference for electrical engineers, educators, and students. This updated edition of Writing for Visual Media will enable you to understand the nature of visual writing that lies behind the content of all visual media. This unique kind of writing must communicate to audiences through content producers, since audiences don't read the script. Most media content provides a solution to a communication problem, which the writer must learn to analyze and solve before writing the script. The Fourth Edition strengthens the method for creating content and writing in the correct language and established format for each visual medium, including commercial communication such as ads and PSAs, corporate communications, and training. An extended investigation into dramatic theory and how entertainment narrative works is illustrated by examples and detailed analysis of scenes, scripts and storylines, designed to save writers from typical pitfalls and releasing your creative powers of invention. Writing for Visual Media will help you to develop an improved foundation for understanding interactive media and writing for non-linear content, while gaining the tools to effectively connect with your audience like a professional. Purchase of this book includes access to the companion website, which provides: Sample scripts and video clips of those produced scripts An interactive glossary of camera shots, movements, and transitions Storyboards, scripts, screenplays, and links to industry resource Instructor materials such as PowerPoint lecture slides, a sample syllabus, and a test bank. Visit the site at www.routledge-textbooks.com/textbooks/9780415815857

With growing developments in artificial intelligence and focus on swarm behaviors; algorithms have been utilized in solving a variety of

problems in the field of engineering. This approach has been specifically suited to face the challenges in electric and electronic engineering. Swarm Intelligence for Electric and Electronic Engineering provides an exchange of knowledge on the advances, discoveries, and improvements of swarm intelligence in electric and electronic engineering. This comprehensive collection aims to bring together new swarm-based algorithms as well as approaches to complex problems and various real-world applications.

Ideal for a one-semester course, this concise textbook covers basic electronics for undergraduate students in science and engineering. Beginning with the basics of general circuit laws and resistor circuits to ease students into the subject, the textbook then covers a wide range of topics, from passive circuits through to semiconductor-based analog circuits and basic digital circuits. Using a balance of thorough analysis and insight, readers are shown how to work with electronic circuits and apply the techniques they have learnt. The textbook's structure makes it useful as a self-study introduction to the subject. All mathematics is kept to a suitable level, and there are several exercises throughout the book. Password-protected solutions for instructors, together with eight laboratory exercises that parallel the text, are available online at www.cambridge.org/Eggleston.

Money laundering is a global issue and there is evidence that the services provided by the legal profession may be misused to launder the proceeds of crime. This book explores the experiences of professionals within Top 50 law firms when seeking to comply with the UK's anti-money laundering (AML) regime. The book draws upon empirical evidence from 40 in-depth interviews with solicitors and compliance personnel from 20 Top 50 law firms. Access to this section of the legal profession is challenging in the context of academic research, and the research provides an account, seldom heard in academic literature, directly from practitioners. The book uses these research findings to explore and discuss the AML compliance issues faced by this section of the profession. It highlights the challenges presented by the legislative architecture of the Proceeds of Crime Act 2002, and considers compliance issues relating to customer due diligence, AML training, the client account and the suspicious activity reporting regime. It also considers participants' perceptions of the regime, their role within it, and their own assessment of money laundering risk. It concludes by using this evidence to recommend amendments to current AML policy and legislation. This book will be of interest to students and researchers studying Financial Crime Law, Business and Company Law, and White Collar Crime, as well as policy makers in the areas of money laundering, compliance, and corruption.

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