

Solution To 2014 May June Physics Theory

Internet usage has become a facet of everyday life, especially as more technological advances have made it easier to connect to the web from virtually anywhere in the developed world. However, with this increased usage comes heightened threats to security within digital environments. The Handbook of Research on Modern Cryptographic Solutions for Computer and Cyber Security identifies emergent research and techniques being utilized in the field of cryptology and cyber threat prevention. Featuring theoretical perspectives, best practices, and future research directions, this handbook of research is a vital resource for professionals, researchers, faculty members, scientists, graduate students, scholars, and software developers interested in threat identification and prevention.

The job interview is probably the most important step you will take in your job search journey. Because it's always important to be prepared to respond effectively to the questions that employers typically ask at a job interview Petrogav International has prepared this eBooks that will help you to get a job in oil and gas industry. Since these questions are so common, hiring managers will expect you to be able to answer them smoothly and without hesitation. This eBook contains 150 questions and answers for job interview and as a BONUS 230 links to video movies. This course covers aspects like HSE, Process, Mechanical, Electrical and Instrumentation & Control that will enable you to apply for any position in the Oil and Gas Industry.

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The book has all the assessment tools like assessment exercise, short questions with answers, fill in the blanks and multiple choice questions (MCQ).

This thoroughly revised book, now in its third edition, continues to discuss two important topics—special functions and complex variables. Chapters have been rearranged keeping in view the current syllabi of the universities. The book analyzes special functions, Legendre's equation and function, and Bessel's function. It explains how to solve Cauchy equations, differential equation with variable coefficients and Frobenius of solving differential equation at a regular singular point. Besides, the text also explains the notions of limit, continuity and differentiability by giving a thorough grounding on analytic functions and their relations with harmonic functions. In addition, the book introduces the exponential function of a complex variable, and with the help of this function, defines trigonometric and hyperbolic functions and explains their properties. While discussing different mathematical concepts, the book discusses a number of theorems such as Cauchy's integral theorem for the integration of a complex variable, Taylor's theorem for the analysis of complex power series, the residue theorem for evaluation of residues, the argument principle and Rouché's theorem for the determination of the number of zeroes of complex polynomials. Finally, the book gives a thorough exposition of conformal mappings and develops the theory of bilinear transformation.

What is education for an unknowable future? In *Educating for Durable Solutions*, Christine Monaghan explores how refugees and policymakers have answered this question over time by reconstructing the contemporary history of education in Kenya's Dadaab and Kakuma refugee camps. Through oral histories and archival research, Monaghan shows how, since the founding of both camps in 1991, refugees and policymakers have conceptualized, developed, implemented and changed refugee education programs. She also shows why and how, despite these changes, real challenges persist in refugee education in Dadaab, Kakuma, and other camps throughout the world; these include high numbers of out-of-school children and youth, high student to teacher ratios, unpredictable funding, and persistent questions regarding what refugee education is for. The author shifts focus from debates over the impacts of specific policies and programs and explores instead how and why different policies and programs were implemented whether they led to meaningful changes in the long-standing challenges of refugee education. She finds that when and where real changes occurred, individuals or small groups of refugees and policymakers acted with tremendous agency and as tireless advocates.

This comprehensive edition is the most authoritative text on advanced accounting topics. The book continues its legacy and provides a contemporary and comprehensive presentation of a wide spectrum of accounting concepts and applications. Detailed fundamentals provide a natural grounding and help in gaining accounting skills and knowledge. The book offers a structural presentation with over 500 clear illustrations, extensive exercise questions and updated accounting treatments. The book could be used to great advantage by accounting professionals

Why does the third leg of the European Banking Union, EDIS, remain mired in controversy? This book presents the views of senior representatives of the public and private sectors and academia on why EDIS is either necessary, counter-productive or even dangerous. No viewpoint has been excluded and the full range of issues involved is covered, including the impact on financial stability and on consolidation of the financial sector in Europe, progress on reducing NPLs, the feasibility of developing "safe bonds" and other, more practical solutions to the "doom loop" and the actual design of EDIS.

This book presents the changing roles of urban governments and how local governments struggle to gain administrative, fiscal, and political power to combat current urban challenges in Kazakhstan. Focusing on the cities and regions selected by the national government of Kazakhstan to be the drivers of national economic development, the author analyses the impact of decentralization on the role of local governments. The book examines the practical experiences of city and regional governments with an emphasis on urban planning, public investment in national projects, and management of urban transport. Due to the complexity and irregular distribution of political reforms at different levels of local government in Kazakhstan, three separate studies are presented, each looking at a specific aspect of decentralization reform and local government function related to physical urban development and distribution of public investment. The author argues that, if the national government of Kazakhstan wants to concentrate economic resources in urban agglomerations, it is not enough to assume that local governments are ready to play the role of efficient planners and managers of urban development. A useful analysis illustrating cities and urban conglomerations as engines of growth in economic development, this book will be of interest to academics studying Central Asian Studies, in particular political and economic development, Development Studies, and Urban Studies.

Tulsian's Quick Revision for Financial Accounting is a self-study handbook. Loaded with practical questions, this book is a perfect revision text - comprises structured questions based on pattern and scheme adopted in examinations.

Explores how performance arts, whether staged or in daily life, regularly interface with political action across the African continent
1. Analysis and Interpretation of Financial Statements, 2. Ratio Analysis, 3. Fund Flow Analysis, 4. Cash Flow Statement, 5. Break-Even Point or Cost-Volume-Profit Analysis, 6. Business Budgeting, 7. Budgetary Control, 8. Standard Costing and Cost Variance Analysis, 9. Responsibility Accounting, 10. Differential Cost Analysis, 11. Marginal Costing and Absorption Costing, 12. Decision Accounting and Marginal Costing System.

A personal and culture-driven exploration of the most pressing questions facing the transgender community today, from a leading activist, musician, and academic In *Trans Like Me*, CN Lester takes readers on a measured, thoughtful, intelligent yet approachable tour through the most important and high-profile narratives around the trans community, turning them inside out and examining where we really are in terms of progress. From the impact of the media's wording in covering trans people and issues, to the way parenting gender variant children is portrayed, Lester brings their charged personal narrative to every topic and expertly lays out the work left to be done. *Trans Like Me* explores the ways that we are all defined by ideas of gender--whether we live as he, she, or they--and how we can strive for authenticity in a world that forces limiting labels.

The wider region of the Eastern Mediterranean is in transition. What is being evinced is a situation of continuous volatility, centering on developments such as the 'Arab Spring,' the Greek sovereign debt crisis, Islamic terrorism, the continuation of deadlock over the Cypriot and Palestinian Issues, significant energy finds in the Levantine Basin, concerns over nuclear proliferation and, more recently, the Syrian Civil War. At a systemic level, the move towards a regional multipolar reality has also contributed to volatility by creating a crescendo of antagonisms between all the major international actors who continuously strive for more influence, power and prestige. This collective project by leading experts represents a unique combination of International Theory and International Politics analysis that deals exclusively with the wider Eastern Mediterranean. It scrutinizes in a multidimensional manner the current geostrategic and geopolitical conditions that include the latest domestic socio-political events, as well as the active involvement of the Great Powers in the region. This book should be of interest to academics, decision-makers and a general reading public focusing on a significant and influential region in flux.

Between 2012 and 2013, Mali has gone through the most challenging period of its history as a nation-state. From a praised democracy, the country almost collapsed after the onset of a complex set of rebellions that threatened to divide or completely erase it from the map. This book provides a three-dimensional analysis of the conflict drivers as well a deep assessment of the conflict resolution mechanisms that were set up to restore Mali control over its territory. From the outbreak of MNLA insurgent attacks in early 2012, the crafting of AZAWAD, the fluidity of MNLA alliance with ANSAR DINE, MUJAO and AQIM, the coup d'état of Sanogo and downfall of Amani Toumani Touré, the responses of ECOWAS, the 'core countries' (Algeria, Mauritania), the African Union, the role of France to the re-hatting of AFISMA and launch of MINUSMA, all crusty details and facets of the crisis are meticulously scrutinized. This book is a must-have for academics, diplomats and strategists interested the new conflict dynamics in Mali and West Africa in a global era.

This three-volume set presents entries and primary sources that will impress on readers that what we do—or don't do—today regarding climate change will dramatically influence what life on this planet will be like for untold numbers of generations. • Provides readers with a clearly written description of global-warming science and its role in shaping a body of knowledge regarding a worldwide issue that affects everyone • Suggests remedies for this serious problem, most notably a rapid rise in the implementation of wind power generation and a coming revolution in solar energy • Impresses on readers that what Americans and the citizens and governments of other nations around the globe do over the next decades will determine the future of this planet for many tens of thousands of years to come • Includes primary documents sourced from major scientific journals and from the many reports on recent climate change from governmental organizations, including the Intergovernmental Panel on Climate Change (IPCC) and World Meteorological Organization (WMO), both part of the United Nations; and the U.S. government's National Climate Assessment

The first edition of *Anthropology and Climate Change* (2009) pioneered the study of climate change through the lens of anthropology, covering the relation between human cultures and the environment from prehistoric times to the present. This second, heavily revised edition brings the material on this rapidly changing field completely up to date, with major scholars from around the world mapping out trajectories of research and issuing specific calls for action. The new edition introduces new "foundational" chapters—laying out what anthropologists know about climate change today, new theoretical and practical perspectives, insights gleaned from sociology, and international efforts to study and curb climate change—making the volume a perfect introductory textbook; presents a series of case studies—both new case studies and old ones updated and viewed with fresh eyes—with the specific purpose of assessing climate trends; provides a close look at how climate change is affecting livelihoods, especially in the context of economic globalization and the migration of youth from rural to urban areas; expands coverage to England, the Amazon, the Marshall Islands, Tanzania, and Ethiopia; re-examines the conclusions and recommendations of the first volume, refining our knowledge of what we do and do not know about climate change and what we can do to adapt.

Accounts being a tough practical subject, students find it difficult to keep up with the theoretical concepts and practical problems at the same time. There remains a need for the book which helps students practice ample problems on every topic and be exam ready. Keeping this in mind, the authors present *Problems and Solutions in Accounting* to cater to the needs of CA Intermediate students appearing for Group-I, Paper 1: Accounting as per the new syllabus scheme of ICAI. The book has been neatly organised into Sections and Sub-sections each dedicated to fundamental topics of Accounting. For easy, navigation through a chapter, the number of problems dedicated to a topic and the type of problems covered have been listed in detail at the beginning. Salient Features: ? Content is strictly aligned to the topical flow as guided by the syllabus of ICAI. ? Coverage of Questions from RTPs and MTPs of ICAI examination. ? Thoroughly updated content includes latest changes in Accounting and the Companies Act, 2013. ? Questions from previous year ICAI examinations, Revisionary Test Papers (RTPs), Mock Test Papers (MTPs), and other professional bodies have been incorporated to provide enhanced understanding and extensive practice to the students. ? Each chapter is further subdivided in various sections to develop the concepts in a methodical manner.

Troubled Transit considers the situation of asylum seekers stuck in limbo in Indonesia from a number of perspectives. It presents not only the narratives of many transit migrants but also the perceptions of Indonesian authorities and of representatives of

international and non-government organizations responsible for the care of transiting asylum seekers. Fascinated by the extraordinary and seemingly limitless resilience shown by asylum seekers during their often lengthy and dangerous journeys, the author highlights one particular fragment of their journeys — their time in Indonesia, which many expect to be the last stepping stone to a new life. While they long for their new life to unfold, most asylum seekers become embroiled in the complexities of living in transit. Indonesia, a vast archipelago of more than 17,000 islands, is more than a location where people spend time waiting; it is a nation state that interacts with transiting asylum seekers and formulates policies that have a profound impact on their experience in transit there. *Troubled Transit* tries to explain the complexities faced by the transiting migrants within the context of the Indonesian government and its political challenges, including its relationship with Australia. The Australia-centric view of recent asylum seeker issues has tended to ignore the larger socio-political context of the migratory routes and the perspectives of transit states towards asylum seekers stuck in transit. This book hopes to direct the Australia-centric gaze northwards to take Indonesian policies and policymaking into account, thereby giving Indonesia more relevance as a transit country and as an important partner in regional protection schemes and migration management. Even though some Indonesian policies and practices are less than favourable for asylum seekers, and even reprehensible from a human rights perspective, more attention must be paid to ongoing developments that impact on transiting asylum seekers in Indonesia if any of the hardships they suffer there are to be alleviated. Building upon his earlier book that detailed agile data warehousing programming techniques for the Scrum master, Ralph's latest work illustrates the agile interpretations of the remaining software engineering disciplines: Requirements management benefits from streamlined templates that not only define projects quickly, but ensure nothing essential is overlooked. Data engineering receives two new "hyper modeling" techniques, yielding data warehouses that can be easily adapted when requirements change without having to invest in ruinously expensive data-conversion programs. Quality assurance advances with not only a stereoscopic top-down and bottom-up planning method, but also the incorporation of the latest in automated test engines. Use this step-by-step guide to deepen your own application development skills through self-study, show your teammates the world's fastest and most reliable techniques for creating business intelligence systems, or ensure that the IT department working for you is building your next decision support system the right way. Learn how to quickly define scope and architecture before programming starts Includes techniques of process and data engineering that enable iterative and incremental delivery Demonstrates how to plan and execute quality assurance plans and includes a guide to continuous integration and automated regression testing Presents program management strategies for coordinating multiple agile data mart projects so that over time an enterprise data warehouse emerges Use the provided 120-day road map to establish a robust, agile data warehousing program

Global Problems, Global Solutions: Prospects for a Better World by JoAnn Chirico approaches social problems from a global perspective with an emphasis on using one's sociological imagination. Perfect for instructors who involve students in research, this text connects problems borne by individuals to regional, global, and historical forces, and stresses the importance of evidence in forming opinions and policies addressing social issues. The book introduces readers to the complexities of the major problems that confront us today such as violent conflict, poverty, climate change, human trafficking and other issues that we encounter in our lives. It book concludes with a chapter on politics and government, underscoring the need for good governance at all levels—and cooperation among many layers of government—to build a better world.

This book, in its Second Edition, provides the basic concepts and applications of discrete mathematics and graph theory. The book is aimed at undergraduate students of computer science and engineering, and information technology. It is also suitable for undergraduate and postgraduate students of computer science, mathematics and computer applications. The book exposes the students to fundamental knowledge in: - Mathematical logic, tautology and normal forms - Elementary set theory, functions and their relations - Algebraic structure, binary operation, group theory and homomorphism - Theory of permutations and combinations, binomial and multinomial theorems - Recurrence relations and methods of solving them - Graph theory, spanning tree, Eulerian and Hamiltonian circuits and isomorphism Key Features Includes a large number of worked-out problems for sound understanding of the concepts. Offers chapter-end exercises to test students' comprehension of theory. Gives a quiz section at the end of each chapter to help students prepare for the competitive examinations. Incorporates short questions asked in universities' examinations.

This book reviews a series of new urban ideas or themes designed to help make cities more liveable, sustainable, safe and inclusive. Featuring examples drawn from cities all over the world, the various chapters provide critical assessments of each of the various approaches and their potential to improve urban life. *New Urbanism*: creating new areas based on a more humane scale with neighbourhood cohesion *Just Cities*: creating more fairness in decision-making so all residents can participate and benefit. *Green Cities*: helping places become greener with environmental rehabilitation and protection *Sustainable Cities*: avoiding the waste of resources and harmful pollution in settlements *Transition Towns*: developing local initiatives for more sustainable actions *Winter Cities*: making cities in cold climates more comfortable and enjoyable *Resilient Cities*: strengthening cities to better enable them to withstand natural hazards *Creative Cities*: supporting cultural industries and attracting talented individuals *Knowledge Cities*: creating, renewing and spreading knowledge and innovation *Safe Cities*: ensuring that citizens are better protected against criminal actions *Healthy Cities*: making improvements in the health of people in cities *Festive Cities*: rediscovering the utility of festive events in settlements *Slow Cities*: enhancing locally unique activities, such as local cuisines and community interactions This volume offers a host of approaches designed to give a new direction and focus to planning policies, helping readers to fully understand the advantages and disadvantages of each potential idea. It seeks to solve the many current problems associated with urban developments, making it a valuable resource for university and college students in urban geography, urban planning, urban sociology and urban studies as well as to planners and the general public.

This thoroughly revised third edition of *Teaching Psychology* synthesizes the latest pedagogical research on effective teaching and translates it into recommendations for classroom application. It also takes into account the many changes in the teaching landscape that have taken place in recent years. Covering key topics such as planning a course, choosing teaching methods, assimilating technology, and the integration of teaching into the rest of your academic life, this book also includes an abundance of supportive, supplementary content to guide and inform new teachers. This content will also benefit seasoned teachers who wish to re-evaluate their current teaching practices and explore new teaching ideas and techniques. Presenting a comprehensive and cutting-edge teaching guide for psychology teachers, this book is a vital resource for those who are training psychology instructors or undertaking a teaching psychology course. It is also a useful text for more experienced faculty looking to update their current teaching practices.

Keeping in pace with the changing accounting practices, this revised edition of *Advanced Accounts - Volume II* provides a contemporary and comprehensive presentation of accounting concepts and applications.

From conceptual and programmatic underpinnings to lived experiences of faculty, students, nurse executives, and bedside nurses, *Transforming Nursing Through Knowledge* leaves no stone unturned, allowing readers to gain a full understanding of a nurse's role in developing, using, and evaluating the impact of knowledge tools in healthcare. Authors Doris Grinspun and Irmajean Bajnok designed this text to be a practical, go-to book for healthcare organizations, nurse executives, and professionals learning to create world-class evidence-based cultures—how to get started, move forward, and achieve results. This book will help readers: * Understand the Registered Nurses' Association of Ontario (RNAO) Best Practice Guidelines (BPG) Program and its galvanizing power as a global movement that builds collective identity * Discover the latest in guideline development, implementation science, and evaluation at scale * Tackle healthy work environment challenges using BPGs to influence outcomes for health professionals, patients, organizations, and health systems * Use implementation science and social movement strategies to successfully implement BPGs in academic and service settings * Recognize that transferring and sustaining evidence uptake require active and multilevel interventions * Learn to integrate technology, including nursing order sets, to support evidence-based clinical decision making * Propel large-scale organizational and health system change using diffusion theory and social movement thinking * Be inspired by nursing associations taking political leadership to secure the highest-quality health system for the public.

The Euro-Crisis and the legal and institutional responses to it have had important constitutional implications on the architecture of the European Union (EU). Going beyond the existing literature, Federico Fabbrini's book takes a broad look and examines how the crisis and its aftermath have changed relations of power in the EU, disaggregating three different dimensions: (1) the vertical relations of power between the member states and the EU institutions, (2) the relations of power between the political branches and the courts, and (3) the horizontal relations of power between the EU member states themselves. The first part of the book argues that, in the aftermath of the Euro-crisis, power has been shifting along each of these axes in paradoxical ways. In particular, through a comparison of the United States, Fabbrini reveals that the EU is nowadays characterized by a high degree of centralization in budgetary affairs, an unprecedented level of judicialization of economic questions, and a growing imbalance between the member states in the governance of fiscal matters. As the book makes clear, however, each of these dynamics is a cause for concern - as it calls into question important constitutional values for the EU, such as the autonomy of the member states in taking decision about taxing and spending, the preeminence of the political process in settling economic matters, and the balance between state power and state equality. The second part of the book, therefore, devises possible options for future legal and institutional developments in the EU which may revert these paradoxical trends. In particular, Fabbrini considers the ideas of raising a fiscal capacity, restoring the centrality of the EU legislative process, and reforming the EU executive power, and discusses the challenges that accompany any further step towards a deeper Economic and Monetary Union.

Far from just raising pinkie fingers and spooning soup, today's etiquette includes everything from effective networking to appropriate social media engagement to the perfect, polished look. For new graduates and seasoned nurses alike, mastery of modern etiquette is critical to personal and professional success. This revised and expanded third edition of *Etiquette & Communication Strategies for Nurses* will help you increase your confidence, enhance your reputation, and focus your career aspirations. Filled with practical tips, avoidable faux pas, and informative Q&As, this book will help you: NEW: Plan an engaging and impactful presentation NEW: Boost your career by writing an article NEW: Use a leadership strategy to achieve your personal and professional goals Interview successfully for a new position Dine with confidence in any business or social setting Increase your comfort with business travel Manage online and social media interactions safely and professionally Interact with everyone from executives to subordinates with grace and polish, regardless of the setting or situation Moderate productive meetings Thrive, not just survive, in culturally diverse interactions

This book constitutes the proceedings of the 13th International Conference on Smart Homes and Health Telematics, ICOST 2015, held in Geneva, Switzerland, in June 2015. The 20 full papers and 16 short contributions included in this volume were carefully reviewed and selected from 45 submissions. They were organized in topical sections named: design and usability; assistive and sentient environments; human behavior and activities monitoring, and health IT and supportive technology. The book also contains 3 invited talks.

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Development Challenges, South-South Solutions is the monthly e-newsletter of the United Nations Office for South-South Cooperation in UNDP (www.southerninnovator.org). It has been published every month since 2006. Its sister publication, *Southern Innovator* magazine, has been published since 2011. ISSN 2227-3905 Stories by David South UN Office for South-South Cooperation Contact the Office to receive a copy of the new global magazine *Southern Innovator*. Issues 1, 2, 3, 4 and 5 are out now and are about innovators in mobile phones and information technology, youth and entrepreneurship, agribusiness and food security, cities and urbanization and waste and recycling. Why not consider sponsoring or advertising in an issue of *Southern Innovator*? Or work with us on an insert or supplement of interest to our readers? Follow @SouthSouth1. In this issue: Caribbean Island St. Kitts Goes Green for Tourism Big Data Can Transform the Global South's Growing Cities Indian Business Model Makes Green Energy Affordable South-South Trade Helping Countries During Economic Crisis Offering an in-depth examination into sustainable energy sources, applications, technologies and policies, this book provides real-world examples of ways to achieve important sustainability goals. Themes include program assessment, energy efficiency, renewables, clean energy and approaches to carbon reduction. Included are a compiled set of chapters discussing the various international strategies and policies being planned and implemented to reduce energy use, impact carbon emissions and shift towards alternative energy sources. Taking an international perspective, contributors from the U.S., Canada, Trinidad and Tobago, Peru, Hungary, Spain, Iran, Ukraine, Jordan, the UAE, Nigeria, South Africa, India, China and Korea, offer their views of energy issues and provide detailed solutions. These can be broadly applied by engineers, scientists, energy managers, policy experts and decision makers to today's critical energy problems.

The author have used numerical examples as the means for presentation of the underlying ideas of different operations research techniques. Accordingly, a large number of comprehensive solved examples, taken from a variety of fields, have been added in every chapter and they are followed by a set of unsolved problems with answers (and hints wherever required) through which readers can test their understanding of the subject matter. The book, in its present form, contains around 650 examples, 1,280 illustrative diagrams.

The library has always been an essential part of the collegiate experience, providing students with access to knowledge and literature. However, as virtual services and online learning become more prominent within collegiate environments, the ways students conduct research and access resources has been altered. *Innovative Solutions for Building Community in Academic Libraries* examines new methods librarians use to engage both on-campus and online users in library services, taking into account

the significant impacts of online learning on students' interaction with library resources. Focusing on various outreach practices, techniques of literacy instruction, and the utilization of library spaces, this research-supported book is a pivotal reference source for distance educators, program planners, academics, and library professionals interested in new ways to attract users to library services.

Electrical energy usage is increasing every year due to population growth and new forms of consumption. As such, it is increasingly imperative to research methods of energy control and safe use. Security Solutions and Applied Cryptography in Smart Grid Communications is a pivotal reference source for the latest research on the development of smart grid technology and best practices of utilization. Featuring extensive coverage across a range of relevant perspectives and topics, such as threat detection, authentication, and intrusion detection, this book is ideally designed for academicians, researchers, engineers and students seeking current research on ways in which to implement smart grid platforms all over the globe.

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Does dialogue really resolve conflicts? In this unique volume international experts critically assess the political role of dialogue, addressing its potential and limitations. Bringing fascinating insights to bear they examine the theoretical underpinnings and conceptual boundaries of dialogue as a tool for conflict resolution. Major recent crises are considered and the conflict resolution attempts discussed. Using these cases the contributors explore in depth the nature of the dialogue between the actors, the extent to which it worked and what determined its impact.

As the electrical industry continues to develop, one sector that still faces a range of concerns is the electrical distribution system. Excessive industrialization and inadequate billing are just a few issues that have plagued this electrical sector as it advances into the smart grid environment. Research is necessary to explore the possible solutions in fixing these problems and developing the distribution sector into an active and smart system. The Handbook of Research on New Solutions and Technologies in Electrical Distribution Networks is a collection of innovative research on the methods and applications of solving major issues within the electrical distribution system. Some issues covered within the publication include distribution losses, improper monitoring of system, renewable energy integration with micro-grid and distributed energy sources, and smart home energy management system modelling. This book is ideally designed for power engineers, electrical engineers, energy professionals, developers, technologists, policymakers, researchers, academicians, industry professionals, and students seeking current research on improving this key sector of the electrical industry.

Bloomfield charts India's profoundly ambiguous engagement with the thorny problem of protecting vulnerable persons from atrocities without fatally undermining the sovereign state system, a matter which is now substantially shaped by debates about the responsibility to protect (R2P) norm. Books about India's evolving role in world affairs and about R2P have proliferated recently, but this is the first to draw these two debates together. It examines India's historical responses to humanitarian crises, starting with the 1971 Bangladesh Liberation War, concentrating on the years 2011 and 2012 when India sat on the UN Security Council. Three serious humanitarian crises broke during its tenure - in Côte d'Ivoire, Libya and Syria - which collectively sparked a ferocious debate within India. The book examines what became largely a battle over 'what sort of actor' modern India is, or should be, to determine how this contest shaped both India's responses to these humanitarian tragedies and also the wider debates about rising India's international identity. The book's findings also have important (and largely negative) implications for the broader effort to make R2P a recognised and actionable international norm.

With the development of Web 2.0 technologies, the internet has become a huge platform for information and data sharing. As such, web services provide an important foundation for branching technologies in end-user computing and applications. To make online technology more accessible for users, it is important to optimize web services to function properly or offer a personalized experience. Innovative Solutions and Applications of Web Services Technology is a collection of innovative research on the methods and applications of existing technologies for web service usability and accessibility. Highlighting a range of topics including business processes, cyber-physical systems, and recommendation accuracy, this book is ideally designed for IT professionals, researchers, graduate-level students, software developers, academicians, and computer engineers seeking current research on adapting online information and services to user needs.

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