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Singapore Hawker Classics Unveiled The Triple Challenge for Europe Electric Vehicle Business Models The China-Pakistan Axis **Saudi Arabia Transdisciplinary Professional Learning and Practice** *India and Africa's Partnership* **Long-term investment and the Sustainable Company: a stakeholder perspective. Vol. III** Personalized Medicine Empowering Women after the Arab Spring **The Impact of Mobile Phones on Poverty and Inequality in Developing Countries** Key Technologies for 5G Wireless Systems Logistics and Supply Chain Innovation **The Complete Reference Manual** **CMAT 2022 Ideology and Organization in Indian Politics** *The Complete Reference*

Manual For CMAT 2021 Modes of Politicization in the Irish Civil Service *Memories of the Mansion* **Towards concurrent planning of railway maintenance and train services** **Geospatial Semantic Web** *Building Ethereum Dapps* **Analysing Health Discourse in Digital Environments** **New Europe - Old Values?** Services of General Interest Beyond the Single Market *Differential Reynolds Stress Modeling for Separating Flows in Industrial Aerodynamics* The Future of the Professions **More Playful User Interfaces** *Disaster Governance in Urbanising Asia* **SIPRI Yearbook 2015** **Sustainable Asset Creation Under Mgnrega** *Financial Literacy Education* **Oswaal One For**

**All Olympiad Previous Years Solved Papers
Class 4 (Set of 5 Books) Maths English
Science Reasoning & General Knowledge
(For 2022-23 Exam) Importing EU Norms
Loving Yourself to Great Health **Oswaal One**
For All Olympiad Previous Years' Solved
Papers, Class-4 Mathematics Book (For
2022-23 Exam) Perspectives on
Peacekeeping and Atrocity Prevention
Scrupulous, Thorough, Fearless: The CPIB Story
Integrating Sustainability Thinking in
Science and Engineering Curricula
Sustainable Working Lives **HISTORICAL**
MONUMENTS IN INDIA**

The Saudi royal family has survived the events of the Arab Spring intact and unscathed. Any major upheavals were ostensibly averted with the help of oil revenues, while the Kingdom's influential clerics conveniently declared all forms of protest to be against Islam. Saudi dollars bent events to the Kingdom's will in the Arab world-particularly

in Syria, Yemen and Bahrain, but also in Egypt and Lebanon, Saudi cash has had a profound impact. Does this mean that all is well in Saudi Arabia itself, which has an extremely youthful population ruled by a gerontocracy? Problems endemic in Egypt, Tunisia and Syria-youth unemployment, corruption and repression-are also evident in the Kingdom and while young Saudis may not yet be taking to the streets, on Twitter and Facebook their discontent is manifest. Saudi Arabia remains the dominant player in the Gulf, and the fall of the House of Saud would have explosive repercussions on the GCC while the knock-on effect worldwide would be immeasurable. Saudi Arabia is the only oil exporter capable of acting as a 'swing producer', a fact of which this book reminds us. Aarts and Roelants have drawn a compelling picture of a Middle East power which, while not presently endangered, may soon deviate from the trajectory established by the House of Saud. Summary Building Ethereum Dapps introduces

you to decentralized applications based on the Ethereum blockchain platform. In this book, you'll learn the principles of Dapps development by rolling up your sleeves and actually building a few! Foreword by Thomas Bertani. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Imagine unbreakably secure applications that handle personal and business transactions without any central agency controlling the process. Decentralized applications, or Dapps, do just this, shifting power to users. The Ethereum blockchain platform provides the tools you need to build Dapps, including an innovative "smart contracts" model and Solidity, a Dapp-aware JavaScript-like programming language. About the Book Building Ethereum Dapps teaches Dapps development on the Ethereum blockchain platform. You'll begin with a mental model of how Dapps operate, and then dive into designing and implementing smart contracts in Ethereum's

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Solidity language. You'll explore Ethereum smart contract development tools, like Truffle and Web3, and pick up best practices for design and security. Practical exercises throughout give you valuable hands-on experience. What's inside Ethereum's key components Implementing smart contracts in Solidity Communicating with a smart contract in Web3 Developing Dapps with Truffle Best practices for design and security improvement About the Reader For developers with intermediate experience in JavaScript or an OO language. Familiarity with blockchain concepts is helpful. About the Author Roberto Infante is a software development consultant who specializes in finance. He currently works on financial risk management systems and on blockchain technology. Table of Contents PART 1 A first look at decentralized applications Understanding the blockchain The Ethereum platform Deploying your first smart contract PART 2 Programming smart contracts in Solidity Writing more complex smart contracts

Generalizing functionality with abstract contracts and interfaces Managing smart contracts with Web3.js PART 3 The Ethereum ecosystem Unit testing contracts with Mocha Improving the development cycle with Truffle Putting it all together: Building a complete voting Dapp PART 4 Making a Dapp production ready Security considerations Conclusions This is the first book ever to assess comprehensively the impact of EU international agreements on services of general interest. Services of general interest remain high on the political and legal agenda of the European Union. However, the debates about the impact of EU law on services of general interest usually focus on internal market law such as the free movement of services, competition law, state aid rules and the law of public procurement. The external and international dimensions of the European legal framework for services of general interest are often overlooked. This book addresses the impact of international trade and investment

agreements on public services and the role these services play in EU external relations. It shows that the inherent tension between establishing and securing undistorted competition on markets and the logic of public services exists in international economic law in a similar way as in EU internal law. Given the contentiousness of international trade and investment agreements as well as the EU's external policies, the issues discussed in this volume are timely and relevant and contribute to the ongoing debate about the future of services of general interest in the EU with fresh ideas and perspectives. Markus Krajewski is Professor of Public and International Law at the University of Erlangen-Nuremberg, Germany. The current challenges and potential future of peacekeeping in an increasingly complex world take center stage in this far-reaching collection. Contributors advance a nuanced picture of post-conflict environments across different areas of the globe while considering possible deployments of

peacekeeping, traditional military and UN forces in semi-autonomous complementary roles. Longstanding debate topics such as the need for a standing UN army and the field implementation of global right-to-protect concepts are discussed, as are emerging ideas in civilian protection, atrocity prevention and balancing triage operations with long-term peacebuilding efforts. Other dispatches chronicle key issues and concerns regarding peacekeeping operations in Brazil, China and diverse regions of Africa. Included in the coverage: Protecting strangers: reflections on a cosmopolitan peacekeeping capacity. Towards a standing UN force for peacekeeping. Challenges posed by intervention brigades and other coercive measures in support of the protection of civilians. Addressing the criminal accountability of peacekeepers. The evolution of China's role in peacekeeping and atrocity crime prevention. Businesses and investors as stakeholders in atrocity crime prevention.

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Multiple viewpoints, a global scope and real-world clarity make Perspectives on Peacekeeping and Atrocity Prevention an invaluable resource to advance the work of humanitarians, criminologists and students of and professionals in international relations. "This collection of articles effectively points to the challenges, complexities and sensitivities of preventing and halting mass atrocity crimes in part through the use of UN peacekeeping operations. The volume also inspires further efforts, including the integration of new and younger stakeholders, to mitigate massive human rights crimes and fully implement the Responsibility to Protect." Dr. György Tatár Chair, Budapest Centre for the International Prevention of Genocide and Mass Atrocities "In a refreshing and engaging manner, this edited volume represents a much-needed contribution to the debate on how best to address current security threats given the limitations and the possibilities of peacekeeping and atrocity

prevention. A compelling feature of the book is its exploration of often-neglected stakeholder perspectives alongside first-hand knowledge of the UN system and astute academic observations of key peacekeeping concepts, mandates and practices. Each chapter's concluding recommendations invite scholars and policy makers to critically interrogate their own beliefs, assumptions and preferred solutions for keeping the peace and preventing mass atrocity violence." Dr. Maria Stern Professor in Peace and Development Studies, School of Global Studies University of Gothenburg This book explores the issue of consumer financial education, responding to increased interest in, and calls to improve peoples' financial literacy skills and abilities to understand and manage their money. New conceptual frameworks introduced in the book offer academic audiences an innovative way of thinking about the project on financial literacy education. Using the concepts of 'edu-regulation' and 'financial

knowledge democratisation' to analyse the financial education project in the UK, the book exposes serious, and often ignored, limitations to using information and education as tools for consumer protection. It challenges the mainstream representation of financial literacy education as a viable solution to consumer financial exclusion and poverty. Instead, it argues that the project on financial literacy education fails to acknowledge important dependences between consumer financial behaviour and the socio-economic, political, and cultural context within which consumers live. Finally, it reveals how these international and national calls for ever greater financial education oversimplify and underestimate the complexity of consumer financial decision-making in our modern times. Produced as a celebration of Singapore's renowned culinary heritage, Singapore Hawker Classics Unveiled, tells you everything you ever needed to know - and more! - about 25 of our favourite dishes.

The 25 delicious recipes featured will allow you to recreate your favourite classic hawker treats at home and inspire you to look at these familiar dishes in a new light - each dish includes its traditional presentation together with an additional interpretation with a modern twist. Moreover, every dish is covered in great detail, including information on its heritage, its aroma, taste and texture, its nutritional value, as well as clear step-by-step instructions and photographs : MGNREGS is a paradigm shift from most other earlier Government programs and schemes. MGNREGS aims to achieve the objective enunciated in Article: 41 of the Indian Constitution-“giving citizens the right to work”. This book explained the implementation procedures of MGNREGS and its impact on household assets procurement, expenditure, and savings pattern. Practical problems faced relating to individual and community asset creation are concentrated in a better way in this book. This book assesses the impact of

MGNREGA on household assets and the expenditure pattern of job cardholders. It answers the impact of MGNREGA on the saving patterns and indebtedness of job cardholders. This study evaluates the payment of wages to job cardholders under MGNREGS. It assesses the status of awareness and respondents' perception of the scheme. This book has concentrated on a single block in Tiruchirappalli Taluk, to study in-depth the impact of the scheme. This book is impelled to state that though the study is confined to a small pocket in Southern India the data collected there cannot be treated as insignificant. It reflects the true state of affairs as existing anywhere in India. Overall this book act as a guide to those who want to know the preformation, operation strategy of the scheme, the government support, and the impact of MGNREGA among the stakeholder. It will help in formulating a better policy and strategy for the future. This book presents recent progress in the application of RANS turbulence models

based on the Reynolds stress transport equations. A variety of models has been implemented by different groups into different flow solvers and applied to external as well as to turbo machinery flows. Comparisons between the models allow an assessment of their performance in different flow conditions. The results demonstrate the general applicability of differential Reynolds stress models to separating flows in industrial aerodynamics. Ideology and Organization in Indian Politics examines the immense changes that have occurred in Indian politics over the past decade and its impact on the Indian National Congress. The impact is most apparent in the changing fortunes of the Congress party, which suffered two major defeats in 2014 and 2019 elections, bringing the party's crisis to the front and centre of public debate. This book seeks to understand the reasons for these enormous changes by looking first at the underlying conditions that led to the decline of the Congress and, second, the

challenges' both external and internal' confronting the Congress and, while doing so, estimating its impact on Indian politics and on the Congress. More specifically, it looks at how important ideological debates provoked by the rise of majoritarianism, the Gujarat model, hypernationalism, the secular retreat, and the curbs and restrictions on the opposition influenced Congress. Exploring ideological shifts and organizational limits that shaped the decline of the Congress makes a compelling case for the significance of the Congress story in understanding the larger political transformation underway in India. The argument centers on the Congress party, but comparatively speaking, it has relevance for the experience of centrist and centre-left parties in other countries, which too suffered a decline in the context of the upsurge of populist nationalism and right-wing politics in the past few years. Analysis of political change in India in the past decade affords insights into the

processes of transformation and polarization that grounded the Congress party and centrist parties in other countries as well. This book covers key issues related to Geospatial Semantic Web, including geospatial web services for spatial data interoperability; geospatial ontology for semantic interoperability; ontology creation, sharing, and integration; querying knowledge and information from heterogeneous data source; interfaces for Geospatial Semantic Web, VGI (Volunteered Geographic Information) and Geospatial Semantic Web; challenges of Geospatial Semantic Web; and development of Geospatial Semantic Web applications. This book also describes state-of-the-art technologies that attempt to solve these problems such as WFS, WMS, RDF, OWL and GeoSPARQL and demonstrates how to use the Geospatial Semantic Web technologies to solve practical real-world problems such as spatial data interoperability. Europe is confronted by an intimidating triple challenge: economic

stagnation, climate change, and a governance crisis. This book demonstrates how these challenges are inter-related, and discusses how they can be dealt with more effectively in order to arrive at a more economically secure, environmentally sustainable and well governed Europe. This book offers comprehensive coverage of the various aspects of personalized medicine as an original approach to classifying, understanding, treating and preventing disease based on individual biological differences. In the introductory section, it defines personalized medicine as a way toward new medical practices and addresses the question: What can personalized medicine offer citizens, medical professionals, reimbursement bodies and stakeholders? Subsequent chapters discuss the technological aspects of personalized medicine: data collection, comprehensive integration and handling of data, together with key enabling factors in developing the requisite technological support for personalized medicine. Lastly, the

book explores the main issues shaping the implementation and development of personalized medicine - education, stakeholder participation, infrastructure, a new approach to the classification of disease and medical tests, regulatory frameworks, and new reimbursement models - together with ethical, legal and social issues. Ultimately, the book calls for interdisciplinarity and a radical change in the way we approach the health and wellbeing of individuals. Target groups are medical doctors and researchers in the field of biomedicine, as well as experts from the social sciences dealing with legal, economic and social aspects of health system issues in general. Though the book will primarily benefit these groups of professional experts, its content will also appeal to a far wider readership, as it deals with a paradigm shift in one of society's main pillars - the health system. With studies on the United Arab Emirates, Qatar, Syria, Lebanon, Morocco and Tunisia, this collection presents a theoretical

framework on the study of women's empowerment amid the transformations that have shaped the social and political fabrics of Arab societies. This contributed volume presents state-of-the-art advances in logistics theory in various fields as well as case studies. The book reports on a number of recently conducted studies in the Dinalog and the EffizienzCluster LogistikRuhr, thus bridging the gap between different perspectives of theoretical and applied research. A selection of theoretical topics, practical examples, case studies and project reports is presented in this volume. The editors carefully selected contributions from a wide variety of projects, which were carried out in both the Dinalog cluster and the Effizienzcluster LogistikRuhr. The contributions are grouped in five main sections, each representing key domains in the evolution of logistics and supply chain management: sustainability, urban logistics, value chain management, IT-based innovation, knowledge management. This book

is intended for both researchers and practitioners in the field of logistics and supply chain management, to serve as an important source of information for further research as well as to stimulate further innovation. "The Beijing-Islamabad axis plays a central role in Asia's geopolitics, from India's rise to the prospects for a post-American Afghanistan, from the threat of nuclear terrorism to the continent's new map of mines, ports and pipelines. China is Pakistan's great economic hope and its most trusted military partner; Pakistan is the battleground for China's encounters with Islamic militancy and the heart of its efforts to counter-balance the emerging US-India partnership. For decades, each country has been the other's only 'all-weather' friend. Yet the relationship is still little understood. The wildest claims about it are widely believed, while many of its most dramatic developments are hidden from the public eye. This book sets out the recent history of Sino-Pakistani ties and their ramifications for the

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West, for India, for Afghanistan, and for Asia as a whole. It tells the stories behind some of its most sensitive aspects, including Beijing's support for Pakistan's nuclear program, China's dealings with the Taliban, and the Chinese military's planning for crises in Pakistan. It describes a relationship increasingly shaped by Pakistan's internal strife, and the dilemmas China faces between the need for regional stability and the imperative for strategic competition with India and the USA."-- Amazon.com. This book presents a study of the relationship between Cabinet-level Ministers and top civil servants in Ireland. The nature of this relationship can potentially have far-reaching effects on people's lives as it can influence the type of public policy agreed at top levels of government. A total of sixteen interviews were carried out for the research, eight with retired Cabinet-level Ministers and eight with retired Secretaries General of Irish government departments. Anonymity, not just for the

participants but also for the government departments in which they had served, was vital to the success of the research. Also vital was the fact that only retirees were interviewed as this removed the fear for participants that their careers might suffer if they spoke too frankly. The result is a collection of interviews containing frank and open views on the relationship between Ministers and their officials and on how this relationship influences public policy development. As per the Latest Pattern issued by various Exam Conducting Bodies-*ISO, SZF, HO, UIMO, IOEL, ITHO, NSO, IEO, IRAO, NSTSE, SEAMO, IMO, IOS, IGKO, UIEO - Previous years' Solved Papers 2011 to 2020 Assessment through 3 Levels of Questions--Level 1, Level 2 & Achievers Answer Key with Explanations Amazing Facts, Fun Trivia & 'Did You Know?' Concept Review with Examples Latest Sample Papers with complete solutions The onset of the Great Financial Crisis in 2007/8 has triggered a widespread debate about the causes and the

social and environmental consequences of the lack of long-term investment around the world. This volume, the third in the Sustainable Company book series produced by the GOODCORP network of academic and trade union experts on corporate governance, presents a 'stakeholder' approach to the problem. The analysis and policy prescriptions presented here go beyond mainstream economic analysis by highlighting the need for major changes in the way resources are saved, distributed and invested in the interests of a sustainable and just economy and society. Individual chapters explore different dimensions of the problem of short-termism and possible policy responses. Key themes in this volume include the state of the debate on long-term investment in Europe, increasing worker voice in pension fund investment and implementing financial transaction taxes to discourage financial market speculation. Policy proposals beyond the mainstream include strengthening worker

participation rights (including the right to non-financial information from companies) and using international investment treaties to support social and environmental standards. With a new preface outlining the most recent critical developments, this updated edition of The Future of the Professions predicts how technology will transform the work of doctors, teachers, architects, lawyers, and many others in the 21st century, and introduces the people and systems that may replace them. Common Management Admission Test (CMAT) is a nation level entrance examination for the entry into management programmes. The test is conducted by National Test Agency (NTA). It is a three hour computer based online test which is conducted in a single session to evaluate the candidate's ability across its segments. Its scores are accepted by all Approved Institutions, University Departments, Constituent Colleges, and Affiliated Colleges. The revised edition of reference manual 'CMAT 2021' covers the entire

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study material in an effective & well organized manner. This manual divides the whole syllabus into 4 Sections; Quantitative Techniques & Data Interpretation, Logical Reasoning, Language Comprehension, General Awareness which is further divided into chapters explaining each concepts in an easy language which is easy to understand. Other than the providing theory, this book also concentrates on the practice portion by providing Previous Years' Solved Papers from 2020 to 2013 and 5 Mock Tests that gives the real feeling, level & trend of questions in the examination. Housed with the comprehensive and exam-oriented treatment of the latest syllabus, this is a must-have book for anyone who is preparing for CMAT 2021. TABLE OF CONTENT Solved Paper (Jan 2020 - Feb 2013), Section A: Quantitative Techniques & Data Interpretation, Section B: Logical Reasoning, Section C: Language Comprehension, Section D: General Awareness, Mock Tests (1-5). The SIPRI Yearbook is known

worldwide as an authoritative and independent source of data and analysis for politicians, diplomats, journalists, scholars, students and citizens on armaments, disarmament and international security. It provides an overview of developments in international security, weapons and technology, military expenditure, the arms trade and arms production, and armed conflicts, along with efforts to control conventional, nuclear, chemical and biological weapons. The first edition of the SIPRI Yearbook was released in 1969, with the aim of producing 'a factual and balanced account of a controversial subject-the arms race and attempts to stop it'. This 46th edition of the SIPRI Yearbook covers developments during 2014 including: DT Essays on the conflicts in Syria, Iraq and Ukraine, as well as studies on the relationship of gender equality to peace and armed conflict, and the diversity of peace and war in Africa DT East Asian and European security, as well as global and regional trends in peace operations, and

development challenges in fragile states DT Military expenditure, arms production and international arms transfers DT World nuclear forces, with an overview of each of the nine nuclear-armed states DT Iran's nuclear programme and multilateral arms control and disarmament DT Implications of the Ebola outbreak and the challenge of addressing CBW issues in conflict zones DT The Arms Trade Treaty, multilateral arms embargoes and export control regimes as well as a 10-year overview of patterns of armed violence, a summary of the Global Peace Index, and extensive annexes on arms control and disarmament agreements, international security bodies and events in 2014. This book covers the latest advances in playful user interfaces - interfaces that invite social and physical interaction. These new developments include the use of audio, visual, tactile and physiological sensors to monitor, provide feedback and anticipate the behavior of human users. The decreasing cost of sensor and

actuator technology makes it possible to integrate physical behavior information in human-computer interactions. This leads to many new entertainment and game applications that allow or require social and physical interaction in sensor- and actuator-equipped smart environments. The topics discussed include: human-nature interaction, human-animal interaction and the interaction with tangibles that are naturally integrated in our smart environments. Digitally supported remote audience participation in artistic or sport events is also discussed. One important theme that emerges throughout the book is the involvement of users in the digital-entertainment design process or even design and implementation of interactive entertainment by users themselves, including children doing so in educational settings. Legacy landmarks across the world are impacted by an assortment of physical and organic anxieties. Harm to legacy landmarks because of bugs and bugs is developing with

expanding anthropogenic strain and changing climatic circumstances. Cave landmarks are natural surroundings to organisms, green growth, parasites, and bugs, and are extraordinary biodiversity locales because of their low temperature, almost no daylight, and high dampness conditions. This review checks out accessible data on significant variables that work with the development of bug bothers and debase legacy landmarks. Ajanta Caves, an UNESCO world legacy site in India, is a human wonder, significant archeological and legacy site of huge social and memorable qualities. The current paper is an endeavor to comprehend an assortment of stresses and factors with an emphasis on bug bothers that have significantly impacted Ajanta cave artworks over the most recent couple of many years. The concentrate likewise gives data on accessible ways to deal with harm control including the requirement for a coordinated bug bother the executives for safeguarding cave landmarks against quick

corruption the nation over overall and Ajanta collapses specific. A light-based approach is the vital feature of the review that can be utilized as a powerful and productive way to deal with shield archeological destinations particularly cave compositions from bug bugs without upsetting the pollinator variety and general climate. As per the Latest Pattern issued by various Exam Conducting Bodies-*ISO, SZF, HO, UIMO, IOEL, ITHO, NSO, IEO, IRAO, NSTSE, SEAMO, IMO, IOS, IGKO, UIEO - Previous years' Solved Papers 2011 to 2020 Assessment through 3 Levels of Questions--Level 1, Level 2 & Achievers Answer Key with Explanations Amazing Facts, Fun Trivia & 'Did You Know?' Concept Review with Examples Latest Sample Papers with complete solutions This book investigates at both the micro- and macroeconomic levels the impact of mobile phones on poverty and inequality in developing countries. To gauge the effects of mobile phones on these aspects, the author refers to the

standard concept of technology adoption and also analyses the actual utilization of mobile phones as a means of communication and the degree to which they have supplanted fixed-line phones. Readers will learn why the substitution effect is stronger among poor than rich users and why the benefits of some mobile phone projects are confined to the local or village level, while in other projects the gains can be felt throughout the economy as a whole. This book presents thinking about and through transdisciplinary and professional development as an educative process. Rather than focusing on the delineation of the approaches offered, an analysis of these contributions points to commonality in those problems that benefit from a transdisciplinary perspective. The core elements of transdisciplinarity can lead to what might be called metanoia - another way of knowing; a knowing which is 'beyond that which is creative and transformative. This poses challenges for the practice of all professionals

and is the core issue that this book addresses. The book brings together the constituting views of transdisciplinarity, or metanoia, and focus them on current professional practice. The book is structured in two parts and five sections. The first part deals with key issues in Transdisciplinarity; its actuality and how it creates knowledge. Section 1 has three original papers which look at Transdisciplinarity from a different lens. Especially, the Islamic voice has not been heard in this context before. Section 2 considers the knowledge aspect of Transdisciplinarity and how this might be confronted with existing disciplinary knowledge. Part 2 of the book is directly focused on professionals and their education. The third section considers research pedagogy and graduate education for the professional. This is followed in section 4 which offers a discussion on team work. In the final section six chapters present the transdisciplinary practitioner in different contexts. Efficiency in the public and

freight transportation systems is of crucial importance for a society. Railways can offer high capacity and relatively low environmental impact, but require that several technical systems are tuned and operate well. Specifically there is a very tight interdependency between infrastructure and trains, which distinguishes railways from other transportation modes. Thus maintenance of all the subsystems is needed. Railways do also have some specific and complicating properties that influence maintenance and operations: Most activities need exclusive access to the infrastructure and - due to the geographic layout, safety requirements and partitioning of the subsystems - large portions of the network will be affected by each activity. Furthermore, several organisational units and resources are involved, ranging from governments and regulatory bodies, over operators and contractors to suppliers, technical experts and work forces. Thus railway maintenance is complicated to

organize and consumes large budgets. This thesis treats the planning and scheduling problems that concern railway infrastructure maintenance and the coordination with train traffic. Mathematical methods and optimization are studied and used, with the aim of advancing the knowledge about models for solving such problems. The thesis contains three papers and presents: (1) A survey regarding railway maintenance activities, the major planning problems and the conducted research so far; (2) A model for quantitative comparison and assessment of competing capacity requests from train operations and maintenance; (3) An optimization model for integrated scheduling of both maintenance windows and train services. The work can be helpful for practitioners as well as researchers who want to take further steps in this interesting and challenging area. Based on the results that have been obtained, future research directions are presented that may lead towards practical use of concurrent planning of

railway maintenance and train services. Gain a detailed understanding of the protocols, network architectures and techniques being considered for 5G wireless networks with this authoritative guide to the state of the art. • Get up to speed with key topics such as cloud radio access networks, mobile edge computing, full duplexing, massive MIMO, mmWave, NOMA, Internet of things, M2M communications, D2D communications, mobile data offloading, interference mitigation techniques, radio resource management, visible light communications, and smart data pricing. • Learn from leading researchers in academia and industry about the most recent theoretical developments in the field. • Discover how each potential technology can increase the capacity, spectral efficiency, and energy efficiency of wireless systems. Providing the most comprehensive overview of 5G technologies to date, this is an essential reference for researchers, practicing engineers and graduate

students working in wireless communications and networking. The purpose of this volume is to describe the impact of the increased demand for flexibility on employees and its impact on their individual work life trajectories and health. The volume offers concrete examples of interventions aimed to find innovative ways of sustainable work careers for today's workers. We focus on the school to work transition, job insecurity, job loss and re-employment and retirement. The interventions described offer strategies for implementing support in employment contracts, increasing preparedness of individual employees with public education programs or developing work arrangements and support systems in work organizations. This book demonstrates the changing dynamics of India's engagement with Africa, focusing on trade, investment, official development assistance, capacity building activities and the diaspora. It also examines its impact at the economic, political and societal levels with

respect to governance, democratic structures, education and health. India has competitive edge of historical goodwill and it is one of the most important countries engaging Africa in the 21st Century. For Africa, India has emerged from an aid recipient country to a major aid provider but on a basis of partnership model. The book provides a contemporary analysis and assessment of Indo-Africa relations, bringing together contributions from the Global South and from the North that explore whether the relationship is truly 'mutually beneficial'. Including considerations of sustainability in universities' activities has long since become mainstream. However, there is still much to be done with regard to the full integration of sustainability thinking into science and engineering curricula. Among the problems that hinder progress in this field, the lack of sound information on how to actually implement it is prominent. Created in order to address this need, this book presents a wealth of information

on innovative approaches, methods and tools that may be helpful in translating sustainability principles into practice. 1. 'CMAT 2022' is a reference manual that covers the entire study material of entrance 2. Emphasis on all 4 sections equally 3. Each topic is well detailed and explained 4. Previous Years' Solved Papers and Mock Test are given practice 5. Answer are provided for every question for concept clarity

Preparing for entrances like MBA, aspirants require reference for the discussion of question topics and same applies for the Common Management Aptitude Test (CMAT) - A National level Management Entrances organized by the National Testing Agency (NTA). "The Complete Reference Manual for CMAT 2022" has been revised carefully and consciously designed to deliver an effective and well-organized set of exam-relevant study material. Driven completely concept, this study guide is divided into 4 key sections which enable aspirants to understand the situation described in the question asked.

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Apart from all theories provided in the book, 5 mock tests for practice and Previous Years' Solved Papers are provided to get the real feel of examination. Housed with the comprehensive and exam-oriented treatment of the latest syllabus, this is a must-have book for anyone who is preparing for CMAT 2022. TOC Solved Papers 2021 - 2013, Section A: Quantitative Techniques & Data Interpretation, Section B: Logical Reasoning, Section C: Language Comprehension Section D: General Awareness, Mock Tests (1-5). This collection explores the changing nature of health discourse in different digital environments. It offers sustained discourse analyses of a number of interactions generated through the affordances and constraints of these new social contexts, which are affecting health communication in subtle and profound ways. For decades, best-selling author Louise Hay has transformed people's lives by teaching them to let go of limiting beliefs. Now in this tour de force, Louise teams up with her

go-to natural health and nutrition experts, Ahlea Khadro and Heather Dane, to reveal the other side of her secret to health, happiness, and longevity: living a nutrient-rich life. Unlike any health book you've ever read, this work transcends fads, trends, and dogma to bring you a simple yet profound system to heal your body, mind, and spirit that is as gentle as changing the way you think. Louise, Ahlea, and Heather show you how to take your health, your moods, and your energy to the next level. In *Loving Yourself to Great Health*, you will; tap into the secrets Louise has used for decades to supercharge the effectiveness of affirmations and bring your body back into alignment with your mind; discover what nutrition really means and how to cut through the confusion about which diets really work; learn to hear the stories your body is eager to reveal; and uncover techniques for longevity, vitality, good moods, deep intuition, and for meeting your body's unique healing needs at all stages of life. At 88 years of age,

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Louise has much wisdom to share about what it takes to live a long, happy, healthy life. We invite you to join us on an amazing journey that will turn your life into your greatest love story. This interdisciplinary work presents a conceptual framework and brings together constructivist and rationalist accounts of how EU norms are adopted, adapted, resisted or rejected. These chapters provide empirical cases and critical analysis of a rich variety of norm-takers from EU member states, European and non-European states, including the rejection of EU norms in Russia and Africa as well as adaptation of EU practices in Australia and New Zealand. Chapters on China, ASEAN and the Czech Republic demonstrate resistance to EU norm export. This volume probes differences in willingness to adopt or adapt norms between various actors in the recipient state and explores such questions as: How do norm-takers perceive of the EU and its norms? Is there a 'normative fit' between EU norms and the local normative

context? Similarly, how do EU norms impact recipients' interests and institutional arrangements? First, the authors map EU norm export strategies and approaches as they affect norm-takers. Second, the chapters recognize that norm adoption, adaptation, resistance or rejection is a product of interaction and a relationship in which interdependence, asymmetry and power play a role. Third, we see that domestic circumstances within norm-takers condition the reception of norms. This book's focus on norm-takers highlights the reflexive nature of norm diffusion and that nature has implications for the EU itself as a norm exporter. Anyone with an interest in the research agenda on norm diffusion, normative power and the EU's normative dialogue with the world will find this book highly valuable, including scholars, policy makers and students of subjects including political science, European studies, international relations and international and EU law. This book explores the reactions to Europeanization

and globalization in times of economic distress, including the transformation of European values in national legal cultures. The authors explore how European values, tradition and new legal challenges interconnect and dictate the paths of transition between old and new Europe. The first chapter starts with a question: can Roman Legal Tradition play a role of identity factor towards a New Europe? Can it be considered as a general value identifying new Europe, built on a minimum core of principles - persona, dominum, obligation, contract and inheritance - composing the whole European private law tradition? Subsequent chapters attempt to provide possible responses to the question: what is Europe today? The answers diverge, depending on the research area. The inherent dichotomy of human rights protection in Europe and the concept of 'one law, one court' are investigated in the second chapter, whereas the third chapter focuses on asylum and the interrelation and interdependence of the Court of Justice of the

EU and the European Court of Human Rights. The next three chapters concentrate on matters of equal treatment and non-discrimination. The first contribution in this part reflects on the crisis and methodological and conceptual issues faced by modern anti-discrimination law. It is followed by a specific analysis of the empowerment of women or gender-balancing in company boards. The third contribution reveals the impact of the Croatian anti-discrimination law on private law relations. The next chapter deals with the issue of social rights in Croatia and the method of their regulation in the context of the new European values. The immense challenges posed by the market integration imperative and democratic transition have brought about different reactions in the national legal systems and legal cultures of both old and new Member States. As such, Europe has effectively been reunited, but what about the convergence of national legal cultures? This is the focal point of the remaining chapters, which

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focus on various issues, from internal market, competition law, consumer welfare, liberalization of network industries to the EU capital market. The magnitude of EU activity in these areas offers conclusive evidence that old and new paradigms are evolving and shaping the future of the EU. This contributed volume collects insights from industry professionals, policy makers and researchers on new and profitable business models in the field of electric vehicles (EV) for the mass market. This book includes approaches that address the optimization of total cost of ownership. Moreover, it presents alternative models of ownership, financing and leasing. The editors present state-of-the-art insights from international experts, including real-world case studies. The volume has been edited in the framework of the International Energy Agency's Implementing Agreement for Cooperation on Hybrid and Electric Vehicles (IA-HEV). The target audience primarily comprises

practitioners and decision makers but the book may also be beneficial for research experts and graduate students. This edited book approaches the threat and impact of environmental disasters on Asia's urban populations from a governance perspective. It adopts a multi-sector and multi-disciplinary approach to disaster governance that emphasises the importance of multiple stakeholders in preparing for, responding to and recovering from disasters and their cascading impacts in Asia's cities. The contributors to this volume take a broad view of the multifaceted causalities and the interconnected threats and vulnerabilities of environmental disasters in urbanising Asia. As such, the book is an invitation to advance scholarship in the search for more effective, comprehensive and inclusive disaster preparedness agendas, recovery programs and development priorities. Designed by Atlanta architect A. Thomas Bradbury and opened in 1968, the mansion has been home to eight first families and houses a distinguished

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collection of American art and antiques. Often called "the people's house," the mansion is always on display, always serving the public. *Memories of the Mansion* tells the story of the Georgia Governor's Mansion—what preceded it and how it came to be as well as the stories of the people who have lived and worked here since its opening in 1968. The authors worked closely with the former first families (Maddox, Carter, Busbee, Harris, Miller, Barnes, Perdue, and Deal) to capture behind-the-scenes anecdotes of what life was like in the state's most public house. This richly illustrated book not only documents this extraordinary place and the people who have lived and worked here, but it will also help ensure the preservation of this historic resource so that it may continue to serve the state and its people.

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