

2023

World Economic Outlook, October 2023

The latest World Economic Outlook reports signs that policy tightening is starting to cool activity despite core inflation proving persistent. Risks are more balanced as banking sector stress has receded, but they remain tilted to the downside. Monetary policy should stay the course to bring inflation to target, while fiscal consolidation is needed to tackle soaring debts. Structural reforms are crucial to revive medium-term growth prospects amid constrained policy space.

OECD Economic Surveys: Brazil 2023

The Brazilian economy rebounded strongly after the Covid-19 pandemic. Resilient domestic demand, supported by social transfers, continues to drive growth. Inflation is decreasing, providing room for further monetary policy easing. However, public debt remains high, calling for a credible fiscal framework and improved spending efficiency.

Progress in Cryptology – INDOCRYPT 2023

The two-volume proceedings constitutes the refereed proceedings of the 24th International Conference on Progress in Cryptology, INDOCRYPT 2023, Goa, India, in December 2023. The 26 full papers were carefully reviewed and selected from 74 submissions. They are organized in topical sections as follows: Part I: Symmetric-key cryptography, Hash functions, Authenticated Encryption Modes; Elliptic curves, Zero-knowledge proof, Signatures; Attacks. Part II: Secure computation, Algorithm hardness, Privacy; Post-quantum cryptography.

The State of Mediterranean and Black Sea Fisheries 2023

This 2023 special edition of the GFCM's flagship publication, The State of Mediterranean and Black Sea Fisheries, updates statistics and figures on the status and management of fisheries in the region and includes, for the first time, an overview of regional indicators on the aquaculture sector in Mediterranean and Black Sea countries. It aims to deliver useful and reliable data to a wide audience as an essential source of information on fisheries and aquaculture in the region and a key tool to support decision-making and monitor progress towards the goals set by the GFCM. The fifth instalment of its series, this publication covers topics of regional importance in the fisheries and aquaculture sectors over the course of seven chapters. Fleet status and capture fisheries production are the focus of the first two chapters, which include figures on fishing capacity and landings by country and fleet segment. Chapter three captures the human dimension behind the region's fisheries through socioeconomic data on revenue and employment. In chapter four, information on discards is updated and categorized for the main fishing fleets in each GFCM subregion, along with details on the species that make up this important component of the catch. Chapter five reviews the status of fisheries resources, especially regional trends and trends in priority species, while chapter seven summarizes relevant existing and new adopted measures towards the sustainability of key fisheries and the protection of vulnerable ecosystems. Aquaculture is included in this edition for the first time, described in terms of volume and socioeconomic indicators in chapter six.

OECD Economic Surveys: Portugal 2023

The Portuguese economy has rebounded strongly from the COVID-19 crisis. Though high inflation and weak

global economic conditions have slowed growth in 2022, renewed fiscal support helped to cushion the impact. Public debt relative to GDP has declined below its 2019 level, but rapid population ageing and strong investment needs are increasing fiscal pressures.

Kurukshetra June 2023 (English)

A monthly published in Hindi and English. The journal is devoted to all aspects of rural reconstruction and village democracy. The journal carries educative and informative articles on rural development and is useful for scholars, academicians and students preparing for civil services and other competitive examinations.

713 to the 2023's era

No one was ever bounded, and no one was ever burning, the disappearance gave birth to mythologies to overcome the truth, but the truth is inevitable and there is no room for stopping or slowing down anymore. This is what to be, this starts 2023!

Exploring AutoCAD Civil 3D 2023, 12th Edition

Exploring AutoCAD Civil 3D 2023 book introduces the users to the powerful Building Information Modeling (BIM) solution, AutoCAD Civil 3D. The BIM solution in AutoCAD Civil 3D helps create and visualize a coordinated data model. This data model can then be used to design and analyze a civil engineering project for its optimum and cost-effective performance. This book has been written considering the needs of the professionals such as engineers, surveyors, watershed and storm water analysts, land developers and CAD technicians, who wish to learn and explore the usage and abilities of AutoCAD Civil 3D in their respective domains. This book provides comprehensive text and graphical representation to explain various concepts and procedures required in designing solutions for various infrastructure works. The accompanying tutorials and exercises, which relate to the real world projects, help you better understand the tools in AutoCAD Civil 3D. This book consists of 13 chapters covering Points Creations, Surface Creations, Surface Analysis, Corridor Modeling, Pipe Networks, Pressure Networks, and Parcels and so on. The chapters are organized in a pedagogical sequence to help users understand the concepts easily. Each chapter begins with a command section that provides a detailed explanation of the commands and tools in AutoCAD Civil 3D. The chapters in this book cover the basic as well as advanced concepts in AutoCAD Civil 3D such as COGO points, surfaces and surface analysis, alignments, profiles, sections, grading, assemblies, corridor modeling, earthwork calculations, and pipe and pressure networks. This edition covers the description of all enhancements and newly introduced tools. Salient Features Consists of 13 chapters that are arranged in pedagogical sequence. Comprehensive coverage of concepts and tools covering the scope of the software. Contains 812 pages, 50 tutorials, about 26 exercises, and more than 770 illustrations. Real-world engineering projects used in tutorials, exercises, & explaining various tools and concepts. Step-by-step examples to guide the users through the learning process. Additional information provided throughout the book in the form of tips and notes. Self-Evaluation test, Review Questions, and Exercises at the end of each chapter so that the users can assess their knowledge. Table of Contents Chapter 1: Introduction to AutoCAD Civil 3D 2023 Chapter 2: Working with Points Chapter 3: Working with Surfaces Chapter 4: Surface Volumes and Analysis Chapter 5: Alignments Chapter 6: Working with Profiles Chapter 7: Working with Assemblies and Subassemblies Chapter 8: Working with Corridors and Parcels Chapter 9: Sample Lines, Sections, and Quantity Takeoffs Chapter 10: Feature Lines and Grading Chapter 11: Pipe Networks Chapter 12: Pressure Networks Chapter 13: Working with Plan Production Tools, and Data Shortcuts Index

Water Scarcity Management

Authoritative, forward-thinking resource presenting strategies and technologies to mitigate water scarcity and improve water quality Founded on the idea that conventional procedures are unsuccessful in providing a solution to water security as a whole, Water Scarcity Management delivers integrated, cross-cutting

approaches to solve some of the biggest problems that the world faces in terms of freshwater through a nature-based approach. Written by a team of authors and leaders in the field of environmental science and technology, this book explores topics including: Water availability, management, governance, and quality and policy development in the Anthropocene New global trends of water management and wastewater reuse, as well as novel integrated strategies and technologies for the mitigation of biotic and abiotic emerging contaminants Water stress due to decades of poor management, over-extraction of groundwater, and contamination of freshwater supplies Rising demand of freshwater due to rapid population growth, urbanization, and increasing needs across sectors including agriculture, industry, and energy Water Scarcity Management is a timely, essential, forward-thinking resource on the subject for environmental engineers, microbiologists, environmental scientists, policy developers and modelers seeking to integrate findings on water scarcity, availability, management, reuse, conservation, and treatment into policy development.

Build an Orchestrator in Go (From Scratch)

Develop a deep understanding of Kubernetes and other orchestration systems by building your own with Go and the Docker API. Orchestration systems like Kubernetes can seem like a black box: you deploy to the cloud and it magically handles everything you need. That might seem perfect—until something goes wrong and you don't know how to find and fix your problems. *Build an Orchestrator in Go (From Scratch)* reveals the inner workings of orchestration frameworks by guiding you through creating your own. In *Build an Orchestrator in Go (From Scratch)* you will learn how to: Identify the components that make up any orchestration system Schedule containers on to worker nodes Start and stop containers using the Docker API Manage a cluster of worker nodes using a simple API Work with algorithms pioneered by Google's Borg Demystify orchestration systems like Kubernetes and Nomad *Build an Orchestrator in Go (From Scratch)* explains each stage of creating an orchestrator with diagrams, step-by-step instructions, and detailed Go code samples. Don't worry if you're not a Go expert. The book's code is optimized for simplicity and readability, and its key concepts are easy to implement in any language. You'll learn the foundational principles of these frameworks, and even how to manage your orchestrator with a command line interface. About the technology Orchestration frameworks like Kubernetes and Nomad radically simplify managing containerized applications. Building an orchestrator from the ground up gives you deep insight into deploying and scaling containers, clusters, pods, and other components of modern distributed systems. This book guides you step by step as you create your own orchestrator—from scratch. About the book *Build an Orchestrator in Go (From Scratch)* gives you an inside-out perspective on orchestration frameworks and the low-level operation of distributed containerized applications. It takes you on a fascinating journey building a simple-but-useful orchestrator using the Docker API and Go SDK. As you go, you'll get a guru-level understanding of Kubernetes, along with a pattern you can follow when you need to create your own custom orchestration solutions. What's inside Schedule containers on worker nodes Start and stop containers using the Docker API Manage a cluster of worker nodes using a simple API Work with algorithms pioneered by Google's Borg About the reader For software engineers, operations professionals, and SREs. This book's simple Go code is accessible to all programmers. About the author Tim Boring has 20+ years of experience in software engineering. For most of that time he has worked with orchestration systems, including Borg, Kubernetes, and Nomad. Table of Contents PART 1 INTRODUCTION 1 What is an orchestrator? 2 From mental model to skeleton code 3 Hanging some flesh on the task skeleton PART 2 WORKER 4 Workers of the Cube, unite! 5 An API for the worker 6 Metrics PART 3 MANAGER 7 The manager enters the room 8 An API for the manager 9 What could possibly go wrong? PART 4 REFACTORINGS 10 Implementing a more sophisticated scheduler 11 Implementing persistent storage for tasks PART 5 CLI 12 Building a command-line interface 13 Now what?

68 Company Book - PLASTIC AND RUBBER

This book is the largest referral for Turkish companies.

Political Islam at the Crossroads

A comparative analysis of Islamist groups' ideological positioning toward nation-state, secularism, and democracy across different countries in the MENA region. Authoritarian reassertion following the Arab uprisings in the Middle East has restrained Islamists' political participation and challenged their survival as both opposition groups and rulers. In light of national sociopolitical variations across the region, this book explores Islamists' means of adaptation and resilience in the face of this political exclusion, unpacking Islamists' sociopolitical persistence and ideological sustainability. In doing so this book sheds light on the following questions: How did Islamists adapt to contextual restrictions in terms of repression and stigmatization? How did the Arab uprisings impact their internal debates, ideological revisions, and reconsideration of tools of action? Individual chapters explore similarities and divergences among Islamist groups and parties in terms of ideological affiliations, means of survival and political participation strategies, drawing on comparative cases from across the MENA region. Examples include the Muslim Brotherhood in Egypt, Al-Nahda in Tunisia, the AKP (Justice and Development Party) in Turkey, Hezbollah in Lebanon, Hamas in Palestine, and the Islamic State in Syria and Iraq. These studies engage critically with conceptual debates related to Islamism, post-Islamism, Jihadist Islam, and the Islamic nation/community (ummah) to determine the trajectory of political Islam in the MENA.

EU Energy and Climate Policy after COVID-19 and the Invasion of Ukraine

This book discusses the impact of the COVID-19 pandemic and the Russian invasion of Ukraine on the European Union's climate and energy policy. By examining the positions of the various actors involved, the book analyses whether the COVID-19 pandemic and the Russian invasion of Ukraine has contributed to greater unity, decarbonisation, and security of energy supply, and if not, whether these crises prompted member states to turn inwards and opt for national solutions to climate and energy challenges. It thus provides a new outlook for EU energy policy in relation to the experience of the two crises. This book will be of key interest to scholars, students and practitioners of climate and energy policy, energy security, EU policy, and more broadly to energy politics, European integration and European Union governance.

Data Analytics for Intelligent Transportation Systems

Data Analytics for Intelligent Transportation Systems provides in-depth coverage of data-enabled methods for analyzing intelligent transportation systems (ITS), including the tools needed to implement these methods using big data analytics and other computing techniques. The book examines the major characteristics of connected transportation systems, along with the fundamental concepts of how to analyze the data they produce. It explores collecting, archiving, processing, and distributing the data, designing data infrastructures, data management and delivery systems, and the required hardware and software technologies. It presents extensive coverage of existing and forthcoming intelligent transportation systems and data analytics technologies. All fundamentals/concepts presented in this book are explained in the context of ITS. Users will learn everything from the basics of different ITS data types and characteristics to how to evaluate alternative data analytics for different ITS applications. They will discover how to design effective data visualizations, tactics on the planning process, and how to evaluate alternative data analytics for different connected transportation applications, along with key safety and environmental applications for both commercial and passenger vehicles, data privacy and security issues, and the role of social media data in traffic planning. Data Analytics for Intelligent Transportation Systems will prepare an educated ITS workforce and tool builders to make the vision for safe, reliable, and environmentally sustainable intelligent transportation systems a reality. It serves as a primary or supplemental textbook for upper-level undergraduate and graduate ITS courses and a valuable reference for ITS practitioners. - Utilizes real ITS examples to facilitate a quicker grasp of materials presented - Contains contributors from both leading academic and commercial domains - Explains how to design effective data visualizations, tactics on the planning process, and how to evaluate alternative data analytics for different connected transportation applications - Includes exercise problems in each chapter to help readers apply and master the learned fundamentals, concepts, and techniques - New to the second edition: Two new chapters on Quantum

Generative AI for Effective Software Development

This book provides a comprehensive, empirically grounded exploration of how Generative AI is reshaping the landscape of software development. It emphasizes the empirical evaluation of Generative AI tools in real-world scenarios, offering insights into their practical efficacy, limitations, and impact. By presenting case studies, surveys, and interviews from various software development contexts, the book offers a global perspective on the integration of Generative AI, highlighting how these advanced tools are adapted to and influence diverse cultural, organizational, and technological environments. This book is structured to provide a comprehensive understanding of Generative AI and its transformative impact on the field of software engineering. The book is divided into five parts, each focusing on different aspects of Generative AI in software development. As an introduction, Part 1 presents the fundamentals of Generative AI adoption. Part 2 is a collection of empirical studies and delves into the practical aspects of integrating Generative AI tools in software engineering, with a focus on patterns, methodologies, and comparative analyses. Next, Part 3 presents case studies that showcase the application and impact of Generative AI in various software development contexts. Part 4 then examines how Generative AI is reshaping software engineering processes, from collaboration and workflow to management and agile development. Finally, Part 5 looks towards the future, exploring emerging trends, future directions, and the role of education in the context of Generative AI. The book offers diverse perspectives as it compiles research and experiences from various countries and software development environments. It also offers non-technical discussions about Generative AI in management, teamwork, business and education. This way, it is intended for both researchers in software engineering and for professionals in industry who want to learn about the impact of Generative AI on software development.

OECD Territorial Reviews: Brussels-Capital Region, Belgium

The OECD Territorial Review of the Brussels-Capital Region, Belgium, provides an in-depth assessment of the trends, challenges and opportunities for sustainable and inclusive urban development in the region.

Central Asia in a Multipolar World

This handbook-style edited volume discusses historical, but predominantly current political, economic, and societal trends in Central Asia comprising Kazakhstan, Uzbekistan, Kyrgyzstan, Tajikistan, and Turkmenistan. The five countries exhibit many cultural and historical commonalities and face similar internal and external challenges. Despite different transformation paths and frequent intra-regional tensions, a common regional identity has emerged in the countries since gaining their independence in 1991. Besides covering their political systems, a variety of topics such as human rights, media, terrorism, and civil society are addressed. As well, bilateral relations with seven external actors are examined. Lastly, the authors explore the opportunities and limitations of institutionalized regional cooperation in various fields of action.

Food and Industry 5.0: Transforming the Food System for a Sustainable Future

"Food and Industry 5.0: Transforming the Food System for a Sustainable Future" offers a groundbreaking exploration of cutting-edge technologies reshaping the global food landscape. This comprehensive volume delves into innovations driving the fifth industrial revolution in food production and distribution. The book examines nanotechnology and biosensor applications in food processing and safety, analyzing their potential to revolutionize quality monitoring, extend shelf life, and enhance traceability. It unveils the transformative power of artificial intelligence and machine learning across the food value chain, from plant disease detection to sustainable poultry production. Significant attention is given to the integration of Internet of Things (IoT) and digital twin technology in agriculture and food supply chains, offering insights into real-time monitoring, predictive maintenance, and optimization techniques. The text explores robotics in food manufacturing,

emphasizing advancements in efficiency, waste reduction, and safety. Crucial methodologies for quantifying and analyzing complex agricultural data are addressed, presenting both regression and classification approaches in precision agriculture. Sustainability is a key focus, with chapters examining nano-fertilizers, soil amendments, and AI-integrated crop systems designed to advance UN Sustainable Development Goals. Blockchain technology's role in enhancing food traceability and safety is investigated, complete with real-world case studies. The book addresses the complex regulatory landscape surrounding Industry 5.0 technologies, including waste management in hospitality and ethical considerations of AI deployment. Concluding chapters offer forward-looking analyses of emerging trends in dairy, diet, and hospitality subsectors. This meticulously researched volume employs a wide array of methodologies, from experimental studies to economic modeling and qualitative research. "Food and Industry 5.0" is an indispensable resource for food scientists, agricultural researchers, computer scientists, policymakers, and industry professionals. By bridging multiple disciplines, it provides a scientifically rigorous, data-driven roadmap for creating a more sustainable, efficient, and ethical global food system.

The Economics of Inequality

If there was any question before, there is no longer a question today: inequality, discrimination, poverty, and mobility are prominent national issues. The notion of "The American Dream" has been sold to generations of young Americans as the idea that working hard and following your dreams will allow you to break through any barriers in your path and inevitably lead to success. However, recent findings on inequality, discrimination, poverty, and mobility show that "The American Reality" is very different. The third edition of this introductory-level text has been completely revised to bring students up to date with current economic thinking on these issues. With an emphasis on data, theory, and policy, this book tackles each issue by exploring three key questions in each chapter: What does the data tell us about what has been happening to the American economy? What are the economic theories needed to understand what has been happening? What are the policy ideas and controversies associated with these economic problems? Key controversies are highlighted in each chapter to drive classroom discussion, and end-of-chapter questions develop student understanding. The book will also be accompanied by digital supplements in the form of PowerPoint slides for each chapter. This clearly written text is ideally suited to a wide variety of courses on contemporary economic conditions, inequality, and social economics in the United States.

Gerontologic Nursing - E-Book

Prepare to compassionately care for the aging population with Gerontologic Nursing, Seventh Edition, uniquely known for its comprehensive coverage of the most common medical-surgical problems associated with older adults. Organized by body system for easy retrieval of information, it delves into health promotion and both basic and complex gerontologic concepts and issues. A disorder-focused approach addresses nursing management and care coordination across health care delivery settings. This text emphasizes topics such as nutrition, chronic illness, emergency treatment, patient teaching, home care, and end-of-life care — and provides you with a solid foundation to meet the future challenges of providing nursing care for the vast and growing older adult population. - NEW! Next Generation NCLEX® (NGN)-style cases and questions are included in select clinical chapters - NEW! Aging theory and nursing theory content promotes understanding of the relationship between theory and practice - NEW! Cultural content integrated throughout the text facilitates culturally congruent care practices - UPDATED! Completely revised chapters ensure content is relevant and practice-related for the gerontologic nurse - Body system chapters include an overview of age-related changes in structure and function - Current standards and guidelines are reflected throughout to ensure you are learning the most up-to-date information - Essential nursing care guidelines are presented in each clinical chapter - Psychologic and sociocultural issues and aspects of older adult care are integrated throughout the text - Clinical judgment questions at the end of chapters challenge you to apply your knowledge and clinical judgment skills - Helpful boxes throughout the text highlight key information, including: - Nursing Care Plan - Patient/Family Teaching - Health Promotion/Illness Prevention - Nutritional Considerations - Evidence-Based Practice - Emergency Treatment - Home Care - Key points and summary

sections at the end of chapters reinforce the most important concepts and information - One Next Generation NCLEX® (NGN)-style case/question added to each clinical chapter - Adding content on culturally congruent care to Socioeconomic and Environmental Influences chapter - Expanded content on Pressure Injuries
Expanded content on Infection & Inflammation

Data-Driven Systems and Intelligent Applications

This book comprehensively discusses basic data-driven intelligent systems, the methods for processing the data, and cloud computing with artificial intelligence. It presents fundamental and advanced techniques used for handling large user data, and for the data stored in the cloud. It further covers data-driven decision-making for smart logistics and manufacturing systems, network security, and privacy issues in cloud computing. This book: Discusses intelligent systems and cloud computing with the help of artificial intelligence and machine learning. Showcases the importance of machine learning and deep learning in data-driven and cloud-based applications to improve their capabilities and intelligence. Presents the latest developments in data-driven and cloud applications with respect to their design and architecture. Covers artificial intelligence methods along with their experimental result analysis through data processing tools. Presents the advent of machine learning, deep learning, and reinforcement technique for cloud computing to provide cost-effective and efficient services. The text will be useful for senior undergraduate, graduate students, and academic researchers in diverse fields including electrical engineering, electronics and communications engineering, computer engineering, manufacturing engineering, and production engineering.

Illusions

Zwischenwelten von Realität und Fiktion – Illusion in der zeitgenössischen Kunst Täuschung, Simulation, optische Illusionen – wie beeinflusst Kunst unsere Wahrnehmung? Die Publikation *Illusions. Contemporary Art Between Fiction and Reality* dokumentiert drei wegweisende Ausstellungen der KAI 10 | Arthema Foundation und beleuchtet das Spannungsfeld zwischen Realität und Fiktion. Von illusionistischer Malerei, die das Auge täuscht (Trompe-l'œil), über digitale Simulationen bis hin zum Einfluss künstlicher Intelligenz auf die Bildproduktion hinterfragt das Buch die Mechanismen der Illusion in der zeitgenössischen Kunst. Essays renommierter Autor*innen setzen das Thema in einen breiteren gesellschaftlichen Kontext und eröffnen neue Perspektiven auf das Spiel mit Wahrnehmung und Wirklichkeit. Diese zweisprachige Ausgabe (Deutsch/Englisch) ist ein unverzichtbares Werk für Kunstinteressierte, die sich mit der Wechselwirkung von Kunst, Technologie und Wahrnehmung auseinandersetzen möchten. Highlights: Drei visionäre Ausstellungen – *Phantoms and Other Illusions*, *Bodies, Grids and Ecstasy*, *Frozen Mirrors Illusion & KI in der Kunst* – Einfluss digitaler Technologien und künstlicher Intelligenz auf die Bildproduktion Bilinguale Ausgabe (Deutsch/Englisch) – Ideal für ein internationales Publikum und Fachkreise

HAMAS

Declared a terrorist menace yet voted into government in a free election, Hamas then used its Gaza power base to launch cross-border attacks that scorched Israel and transformed the dynamics of the Israeli-Palestinian conflict. How did a small Palestinian offshoot of the Muslim Brotherhood grow to challenge long-established rivals such as the PLO? Who supports Hamas and what is its agenda? How powerful has it become and how strong will it remain? With decades of combined experience researching and reporting from the occupied West Bank and Gaza, Jerusalem, and around the Middle East, Beverley Milton-Edwards and Stephen Farrell gained unrivalled access to Hamas. Drawing on years of frontline reporting and interviews with members of the group's founding generation and their successors who now lead it, they trace Hamas' path to the shocking attacks of 07 October 2023 and their devastating aftermath. Its critics believe Hamas must be ousted to reach a solution to the Middle East conflict. Hamas's supporters believe it is the solution. Nobody now believes it can be ignored. Based on their landmark 2010 study which has been thoroughly revised and updated, this book brings the story of Hamas up to the present and will be essential reading for anyone who wants to understand the Middle East today.

Emerging Disruptive Technologies for Society 5.0 in Developing Countries

This book offers an overview of the recent disruptive technologies and their application in the new Society 5.0 for better human life. The content provides researchers by new trends in blockchain, IA, and big data applied to several fields related to smart cities and Society 5.0 such as health care, education, finance, mobility, logistics, and quality of life. It is an opportunity for researchers and practitioners to present and discuss their most recent research results, innovations, experiences, concerns, challenges, and trends about the application of disruptive technologies applied to Society 5.0. The aim of the book is to focus on how disruptive technologies can change the way we perform and how it creates more opportunities with a special focus on AI, blockchain, big data, etc. The idea behind this book is to focus on solutions based on disruptive technologies that can face the challenges of the developing countries. We will shed the light on different sectors such as education, agriculture, industry, transportation, environment, energy, health care, etc. We will discuss the challenges that the emerging countries face in these sectors and provide disruptive technologies based solutions to them. This book also introduces success stories of disruptive technologies-based solutions and their impact on the lives of people in developing countries.

Space Expansionism and Criminology

We have entered a recent zeitgeist, the era of the \"new space age\"

AI for Radiology

Artificial intelligence (AI) has revolutionized many areas of medicine and is increasingly being embraced. This book focuses on the integral role of AI in radiology, shedding light on how this technology can enhance patient care and streamline professional workflows. This book reviews, explains, and contextualizes some of the most current, practical, and relevant developments in artificial intelligence and deep learning in radiology and medical image analysis. AI for Radiology presents a balanced viewpoint of the impact of AI in these fields, underscoring that AI technologies are not intended to replace radiologists but rather to augment their capabilities, freeing professionals to focus on more complex cases. This book guides readers from the basic principles of AI to their practical applications in radiology, moving from the role of data in AI to the ethical and regulatory considerations of using AI in radiology and concluding with a selection of resources for further exploration. This book has been crafted with a diverse readership in mind. It is a valuable asset for medical professionals eager to stay up to date with AI developments, computer scientists curious about AI's clinical applications, and anyone interested in the intersection of healthcare and technology.

Pathways to Agonism

This book focuses on managing competing memories of disputed territories in Eastern and Central Europe, the Caucasus and South Asia. Through an empirical, practice-oriented approach it explores memory work undertaken by institutions and social actors in different cultural and national settings. The book identifies examples of agonistic engagement with the memory of disputed territories that have the potential to build trust-based relationships between divided communities and overcome antagonistic separation through mutually beneficial joint enterprises. The volume also highlights blind spots and shortcomings of the agonistic approach by focusing on socio-political conditions that might hinder or prevent the broader dissemination of this memory mode.

PPI Detailed Report

Robert Powell, a founding Board member of the Scientific Coalition for UAP Studies, has studied the UFO subject for 17 years. His work is encapsulated in UFOs: A Scientist Explains What We Know (And Don't Know) which provides a scientific rationale for the reality of non-terrestrial craft that are intelligently

controlled. Powell begins his book by familiarizing the reader with the history of UFOs and he identifies the more enigmatic and interesting UFO sightings. He examines the characteristics of these sightings that argue against a prosaic explanation: extreme acceleration, electromagnetic interference, bending light, no obvious propulsion mechanisms, and a lack of interaction with the atmosphere. Powell discusses the recent events that have caused our government to change the term from UFO to UAP. Included is information never before released indicating the government possesses not just two videos but five videos from 2015 of UFOs operating in the vicinity of the USS Roosevelt nuclear aircraft carrier. Powell's later chapters in the book discuss the extraterrestrial hypothesis considering the thousands of exoplanets that have been discovered in the last twenty years. Powell challenges the reader to consider all the implications that must be considered if intelligent life discovers us first. He looks at how we as individuals and as a society react to UFOs. He documents actions taken by our military that include instances when we have fired on UFOs. Powell argues that it is time for a change in the study of UFOs. The phenomenon has been with us for 75 years and we have learned very little as the decades have passed. The author makes the case for what needs to be done going forward. The solution he proposes will require a paradigm shift in our thinking and his book provides the information needed to understand that paradigm shift.

UFOs

Static GK (General Knowledge) Theory + MCQ Book 2025 in English for Competitions with Latest PYQ. Radian's Static General Knowledge book is useful for: SSC CGL, CPO, CHSL, MTS, GD, UPSSSC-PET, Railways, AFCAT, CDS, CAPF, NDA, IB-ACIO, Police Exams, DSSSB, Bank Exams, State Exams & Other Competitive Exams. About the book and its content: •This book covers the complete syllabus of Static GK. •Includes In-depth theory of all the chapters and previous year questions of all one day exams. •Includes 2000+ latest PYQ's. •In this book the questions are divided chapter-wise and placed in a proper sequence for easy understanding. •Covers complete syllabus of the Static GK with relevant information and easy to understand language.

Static GK(General Knowledge) Theory + MCQ Book 2025 in English for Competitions with Latest PYQ

In Examining Net Zero, authors delve into seven case studies illustrating economic and political issues tied to climate change and the transition to sustainable systems, addressing challenges and progress towards the UN Sustainable Development Goals.

Examining Net Zero

The struggle for world leadership between China and the United States, resulting in Russia's war with Ukraine, among other things, underscores the reality of structural changes in the global economy and the global system. This book explains that a new era of egocentrism and polycrisis in a multipolar system has emerged in international economic policy, with a strong drive toward interventionism and protectionism of national economies. Dynamic economic imbalances are becoming a constant factor in disrupting international competitiveness and forcing changes in both monetary policy and general economic policy. This prompts a new, more pragmatic definition of fundamental concepts in the theoretical sphere as well as an up-to-date and viable cause-and-effect narrative that is not disconnected from decision-making processes in the economic and political spheres. This book provides a comprehensive diagnosis of the current global economy landscape and evaluates the processes affecting the economic and financial realities and the effectiveness of economic policies. The recent dynamics have rendered much of the existing literature outdated or confined to individual economies, economic systems, and regions. The book describes the evolution of international economic policy, offering a comparative analysis of foreign trade theories, especially in the context of macroeconomic trends and the impact of international trade in goods and services in the new balance of power of the global economy. Targeted primarily at academics, students, and researchers in economics, finance, international relations, and management, it will also serve as a valuable

resource for policymakers shaping and implementing contemporary state economic policies.

International Economic Policy for the Polycrisis

Contains the Budget Message of the President, information on the President's priorities and FY 2014 Federal Government budget overviews by agency, and summary tables for Fiscal Year 2014, that runs from October 1, 2013, through September 30, 2014.

Budget of the United States Government, Fiscal Year 2014

Introducing real-world case studies from across the globe, Battlefield Tourism contributes to the growing fields of dark tourism, destination and risk management, and tourism security.

Battlefield Tourism

In an era where climate change dominates global discourse, Felix Leach and Nick Molden dive deep into the complexity of vehicle emissions in their groundbreaking new book. Building on the insights from Felix's previous work, *Racing Toward Zero*, this new release confronts the bewildering landscape of automotive pollution with a clear, rigorous approach: what one piece of information can best describe the environmental impact of cars? Our digital age bombards us with information, yet meaningful understanding often eludes us, particularly when it comes to climate issues like road vehicle emissions. As simple solutions to such a complex problem remain elusive, Leach and Molden advocate for a sophisticated, yet accessible perspective. They propose a radical simplification of how we consider the environmental impact of cars and explore the multifaceted impacts of various vehicle powertrains, pushing beyond CO2 emissions to address broader environmental and societal concerns. The authors introduce the Molden-Leach Conjecture, a bold, universal solution that evaluates vehicles through a holistic lens. This conjecture offers a comprehensive framework to assess and regulate environmental impact, aiming to simplify complex choices for consumers and policymakers alike. They propose a new paradigm for taxing vehicles as we move away from fossil gasoline and diesel, enabling policymakers to address pollution and underpin tax revenues simultaneously. In a world where climate action is critical yet convoluted, Leach and Molden's book promises clarity and actionable insight. It's not just about finding answers—it's about finding the right ones. Join the journey to demystify automotive emissions and drive meaningful change. "As a former Secretary of State for the Environment and, later, Industry I welcome this contribution to the most important challenge of our time." Michael Heseltine, former Deputy Prime Minister of the United Kingdom (ISBN 9781468608212, ISBN 9781468608229, ISBN 9781468608236, <https://doi.org/10.4271/9781468608229>)

Critical Mass

Available online: <https://pub.norden.org/temanord2024-511/> The Nordic and Baltic region represents some of the most digitally advanced societies in the world. An enabling element for this is the availability and vast adoption of electronic identity (eID) means, both among citizens and service providers. This report is part of a mutual effort that was initiated by Cross Border Digital Services Programme and the Nordic-Baltic eID Cooperation (NOBID) project with the aim to expand the Nordic-Baltic countries' national success in eID to also cover cross-border interoperability and digital mobility in the region. The content of this report, delivered by Civitta and SK ID Solutions, investigates the landscape of cross-border identity matching of natural persons. It does so by providing an overview of the current situation and practices, from country to country, as well presenting insights and perspectives to how identity matching can be solved.

Identity Matching in the Nordic Baltic-region

The sheer volume of business data has reached an all-time high. Using visualizations to transform this data

into useful and understandable information can facilitate better decision-making. This practical book shows data analysts as well as professionals in finance, sales, and marketing how to quickly create visualizations and build savvy dashboards. Alex Kolokolov from Data2Speak and Maxim Zelensky from Intelligent Business explain in simple and clear language how to create brilliant charts with Microsoft Power BI and follow best practices for corporate reporting. No technical background is required. Step-by-step guides help you set up any chart in a few clicks and avoid common mistakes. Also, experienced data analysts will find tips and tricks on how to enrich their reports with advanced visuals. This book helps you understand: The basic rules for classic charts that are used in 90% of business reports Exceptions to general rules based on real business cases Best practices for dashboard design How to properly set up interactions How to prepare data for advanced visuals How to avoid pitfalls with eye-catching charts

Data Visualization with Microsoft Power BI

Democratic Institutions in Guatemala: Theory and Practice advances knowledge about Guatemala's democracy by embedding the country in recent conceptual and theoretical work in comparative politics. This volume sheds light upon the stubborn realities and challenges afflicting Guatemalan democracy during the post Peace Accords era. Each chapter delves into the main democratic institutions, informal practices, and players shaping the operative political game: elections, Congress, the Judiciary, the high courts, presidentialism, criminal actors, political parties, the political left and political right, and the peak business association CACIF. This book seeks to escape the perils of parochialism by placing the country within larger scholarly debates and paradigms.

Democratic Institutions in Guatemala

This is an essential guide for all health and social work practitioners supporting an increasing number of learners, trainees, apprentices and pre-registration students engaging in practice-based and work-based learning. Applying educational learning theory to underpin the role and practice of the contemporary practice supervisor, assessor and educator, this accessible book presents strategies for practice learning and personal development. Acknowledging the problematic nature of learning within the workplace, the authors place the lived experience of the learner at the heart of this text and emphasise the critical importance of an expansive and compassionate learning environment for all. The book includes chapters on the context of practice learning, the role of the supervisor/assessor and educator, learning environments, coaching, assessment and supporting the learner in difficulty, among others. It also spotlights practice learning in a range of settings, from working with children, through social care and maternity care. Each chapter includes learning outcomes and activities, as well as a chapter summary. Designed for nurses, midwives, social workers, therapists and operating department practitioners who support learners in the workplace, this text is particularly relevant to registrants completing practice supervisor/assessor/educator preparation and pre-registration students taking modules on supporting learning.

Practice Supervision and Assessment in Nursing, Health and Social Care

The economic recovery is strengthening, as a successful vaccination campaign and recovery from COVID-related restrictions dominate headwinds from the worsening international economic environment. Growth is projected at 3.8 percent this year, rising to 5 percent in 2023 as the first liquefied natural gas (LNG) project enters production. Food and fuel prices have pushed inflation to double digits. Monetary policy has been proactive, including a further 200bps increase in the policy rate in September 2022. Credit conditions remain tight, while financial sector buffers built before the pandemic have underpinned banking sector resilience. Fiscal outcomes have been in line with expectations. The current account deficit is lower than forecast (though it still widens due to LNG infrastructure imports), as exports have been stronger than anticipated. International reserves have declined faster than anticipated due to higher imported fuel prices.

Mozambique

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