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Yihui Xie,J.J. Allaire,Garrett Grolemond

Regional Integration in the Union for the Mediterranean Progress Report OECD,2021-05-27 Regional Integration in the Union for the Mediterranean: Progress Report monitors major trends and evolutions of integration in the Euro-Mediterranean region. The Report examines five domains of regional integration, namely trade integration, financial integration, infrastructure integration, movement of people, as well as research and higher education.

Politics and Technology in the Post-Truth Era Anna Visvizi,Miltiadis D. Lytras,2019-05-07 This book examines the relationship between information and communication technology (ICT) and politics in a global perspective.

Digital Towns Theo Lynn,Pierangelo Rosati,Edel Conway,Declan Curran,Grace Fox,Colm O'Gorman,2022 This open access book explores the digital transformation of small and rural towns, in particular, how to measure the evolution and development of digital towns. In addition to access to resources, competition from urban and global markets, and population trends, rural communities present lesser access and use of digital technologies and have lower digital competencies and skills than their urban counterparts. Consequently, they experience less beneficial outcomes from increased digitalisation than urban areas. This book defines what a digital town is and explores digitalisation from the perspective of the four basic economic sectors in towns - individuals and households, businesses, the public sector, and civil society - and three types of enabling infrastructure - digital connectivity, education, and governance. Particular attention is paid to how digitalisation efforts are measured by intergovernmental and international organisations for each sector and enabling infrastructure. The book concludes with a Digital Town Readiness Framework that offers local communities, policymakers, and scholars an initial set of indicators upon which to develop digital town initiatives, and measure progress. For those ready to embrace the opportunity, this book is a pathfinder on the road to a more equitable and impactful digital society and digital economy. Theo Lynn is Full Professor of Digital Business at DCU Business School, Ireland. Pierangelo Rosati is Assistant Professor in Business Analytics at DCU Business School, Ireland. Edel Conway is Full Professor in HRM and Organisational Psychology and Director of Doctoral Studies at DCU Business School, Ireland. Declan Curran is Associate Professor of Economics at DCU Business School, Ireland. Grace Fox is a post-doctoral researcher attached to the Irish Institute of Digital Business. Colm O'Gorman is Interim Dean and Full Professor of Entrepreneurship at DCU Business School, Ireland.

Product Safety and Restricted Substances in Apparel Subrata Das,2016-10-26 Product Safety and Restricted Substances in Apparel emphasis on the overview of the restricted substances present in fabrics, apparels and accessories and their acceptable limits or total ban, management of such restricted substances in the supply chain, standard and regulatory test methods. Manufacturing Restricted Substances address hazardous substances potentially used and discharged into the environment during manufacturing and related processes, not just those substances that could be present in finished products. Safety requirements and review of risk of different garments have been covered including varieties of accessories. Global and country specific regulations on the restriction of various harmful chemicals used in the manufacturing process of fabrics, apparels and related accessories are also discussed in detail. The book is aimed at textile and apparel industry professionals, retailers, factory heads, buying offices and students intending to join the industry in the areas of quality assurance covering safety and chemical compliance.

The Impact of Regulation on International Investment in Portugal OECD,2023-03-20 This report examines how regulatory reforms could help Portugal build a more enabling and competitive environment for investment, in particular foreign direct investment (FDI).

Understanding the Spillovers and Transboundary Impacts of Public Policies Implementing the 2030 Agenda for More Resilient Societies OECD,Joint Research Centre - European Commission,2021-04-08 The multidimensional and intergenerational nature of the 2030 Agenda for Sustainable Development and the Sustainable Development Goals (SDGs) calls for integrated policies. Progress made in a particular social, economic or environmental area or individual goal may generate synergies and trade-offs across dimensions (spillover effects), and steps taken in one country could have positive or negative impacts beyond national borders (transboundary effects).

The Routledge Handbook of Comparative Economic Systems Bruno Dallago,Sara Casagrande,2022-12-19 The Routledge Handbook of Comparative Economic Systems examines the institutional bases of economies, and the different ways in which economic activity can function, be organized and governed. It examines the complexity of this academic and research field, assessing the place of comparative economic studies within economics, paying due attention to future perspectives, and presenting critically important questions, analytical methods and relative approaches. This complements the recent revival of the systemic view of economic governance, which was accelerated by the COVID-19 pandemic and likely even more the renewed East-West clash epitomized by the Russian invasion of Ukraine and the West's reaction to it. The Handbook is divided into five parts. Each part deals with an issue of relevance for the discipline. The first and second parts look at the subject, content and approach of the discipline and its comparative method. The third part looks at the idiosyncratic nature of different economic systems and their constituent elements. The fourth part considers the outcomes that different economic systems generate and how these outcomes change following the evolution and transformation of economic systems. The last part takes stock and looks ahead at the challenges, from a theoretical and applied perspective, and the exogenous and endogenous factors promoting the advancement of the discipline, including the interaction between and competition among varied approaches and opposing paradigms. The Handbook brings together leading international contributors to reflect on the relevant debates and case or country studies, provides a balanced overview of the results achieved and current knowledge, as well as evolving issues and new fields of research. The book provides researchers, students and analysts with a complete, critical and forward-looking presentation and analysis of the content, development, challenges and perspectives of comparative economic studies.

R Markdown Yihui Xie,J.J. Allaire,Garrett Grolemund,2018-07-27 R Markdown: The Definitive Guide is the first official book authored by the core R Markdown developers that provides a comprehensive and accurate reference to the R Markdown ecosystem. With R Markdown, you can easily create reproducible data analysis reports, presentations, dashboards, interactive applications, books, dissertations, websites, and journal articles, while enjoying the simplicity of Markdown and the great power of R and other languages. In this book, you will learn Basics: Syntax of Markdown and R code chunks, how to generate figures and tables, and how to use other computing languages Built-in output formats of R Markdown: PDF/HTML/Word/RTF/Markdown documents and ioslides/Slidy/Beamer/PowerPoint presentations Extensions and applications: Dashboards, Tufte handouts, xaringan/reveal.js presentations, websites, books, journal articles, and interactive tutorials Advanced topics: Parameterized reports, HTML widgets, document templates, custom output formats, and Shiny documents. Yihui Xie is a software engineer at RStudio. He has authored and co-authored several R packages, including knitr, rmarkdown, bookdown, blogdown, shiny, xaringan, and animation. He has published three other books, Dynamic Documents with R and knitr, bookdown: Authoring Books and Technical Documents with R Markdown, and blogdown: Creating Websites with R Markdown. J.J. Allaire is the founder of RStudio and the creator of the RStudio IDE. He is an author of several packages in the R Markdown ecosystem including rmarkdown, flexdashboard, learnr, and radix. Garrett Grolemund is the co-author of R for Data Science and author of Hands-On Programming with R. He wrote the lubridate R package and works for RStudio as an advocate who trains engineers to do data science with R and the Tidyverse.

Evolutionary Spatial Economics Miroslav N. Jovanović,2020-01-31 A crucial question in contemporary economics concerns where economic activities will locate and relocate themselves in the future. This comprehensive, innovative book applies an evolutionary framework to spatial economics, arguing against the prevailing neoclassical equilibrium model, providing important concrete and theoretical insights, and illuminating areas of future enquiry.

OECD SME and Entrepreneurship Outlook 2021 OECD,2021-06-28 Small and medium-sized enterprises (SMEs) and entrepreneurs have been hit hard during the COVID-19 crisis. Policy responses were quick

and unprecedented, helping cushion the blow and maintain most SMEs and entrepreneurs afloat. Despite the magnitude of the shock, available data so far point to sustained start-ups creation, no wave of bankruptcies, and an impulse to innovation in most OECD countries.

Illicit Trade Counterfeiting and Piracy and the Swedish Economy Making Sure "Made in Sweden" Always Is OECD,2019-05-10 The Swedish economy is innovative and rich in intellectual property (IP), with nearly every industry either producing or using IP. Swedish innovative industries are also export-dependent and very deeply integrated in the global economy, through active participation in global value chains.

Czech Republic International Monetary Fund. European Dept.,2019-06-13 This Selected Issues paper investigates the direct and indirect exposure of the Czech Republic to these external risks. The Czech Republic is a small open economy that has become increasingly reliant on export-driven growth over the last three decades. Domestic value-added in foreign exports as a share of gross exports in the Czech Republic is higher than the average share of the European Union 28. Services have a relatively low contribution to value-added in gross exports. Given the high integration of the Czech Republic into global value chains, it is crucial to take supply chain linkages into account when assessing the impact of trade shocks. The exposure to Germany is even more pronounced at the sectoral level. Manufacturing of machinery and transportation vehicles account for a large share of exports and imports in the Czech Republic. Although the impact of the US-China trade disputes on the Czech Republic would likely be limited, a hard Brexit scenario or lower demand in Germany could have sizable effects.

An Introduction to International Economics Kenneth A. Reinert,2020-08-27 Ideal for a one-semester course in international economics, this book is accessible to those within and outside of economics programs.

Pro-poor Development Policies Hal Hill,Majah-Leah V Ravago,James A. Roumasset,2022-10-03 “This collection of essays provides a wealth of information and analysis about the Philippine economy and the role of agriculture and economic policy in it. The Philippine experience has been quite different from the highly successful Asian economies, with a long period of low growth until the turn of the century and only then greater success. The authors cover not only the Philippine experience but also place it in its Asian context and that of developing countries more generally. They report on the lessons learned, both positive and negative, from the various economic policies that have been adopted, with regard to both agriculture and to economic inequality. Those interested in Philippine economic development, and Asian development more broadly, will find this an important reference work.”—Anne O. Krueger, Senior Research Professor, Johns Hopkins School of Advanced International Studies; 1st Deputy Managing Director, IMF (2001-6); Vice-President of Economics and Research, World Bank (1982-86)

OECD Economic Surveys: Colombia 2019 OECD,2019-10-24 Colombia has made good economic and social progress over the last two decades. Macroeconomic policies are solid and have sustained growth and smooth adjustments to shocks over the years. Maintaining and strengthening the policy framework is key to sustainable macroeconomic policies and setting the basis for higher productivity and inclusiveness. Putting Colombia on a path to stronger and more inclusive growth, and reducing dependence on natural resources, requires boosting productivity by adopting structural reforms in competition, regulations, trade policy, infrastructure, innovation, and skills.

The China-US Trade War and South Asian Economies Rahul Nath Choudhury,2021-03-07 The USA and China, the world’s largest economic powers, have been engaging in trade war since January 2018. The impact of this trade war is felt not only by US and China but also by other economies who have economic ties with them. This book provides insights into damages caused by this trade war. The first section of the book looks at the impact of the trade war on the global economy. It goes deeper to examine the trade war impact on the South Asian region. It is well-known that any imposition of new tariffs or an increase in existing tariffs would make imports more costly and render the exported goods less competitive. Yet, the book posits that the trade war has provided a window of opportunity to other countries not caught in it. The South Asian region, with countries like Bangladesh, India and Sri Lanka, has actually reaped benefits from the widening trade dispute between the world’s two biggest economies. This book will be a useful reference to help policymakers to undertake informed decisions and initiate programs to minimise the trade war impact.

Trade Tensions, Global Value Chains, and Spillovers Raju Huidrom,Nemanja Jovanovic,Mr.Carlos Mulas-Granados,Ms.Laura Papi,Ms.Faezeh Raei,Mr.Emil Stavrev,Mr.Philippe Wingender,2019-06-12 Europe is deeply integrated into global value chains and recent trade tensions raise the question of how European economies would be affected by the introduction of tariffs or other trade barriers. This paper estimates the impact of trade shocks and growth spillovers using value added measures to better gauge the associated costs across European countries.

Developing Web Pages for Educators Kathleen Schrock,2002-12-02

FDI Qualities Review of Chile Boosting Sustainable Development and Diversification OECD,2023-06-02 This report provides policy recommendations on how to strengthen the economic, social and environmental benefits of foreign direct investment (FDI). It provides an extensive assessment on how FDI contributes to Chile’s economic diversification into sustainable and knowledge-intensive activities (e.g. green hydrogen, information technology), and also assesses the policy and regulatory framework influencing the impact of FDI on sustainable development in Chile.

Indonesia Post-Pandemic Outlook: Rethinking Health and Economics Post-COVID-19 Anthony Paulo Sunjaya,Yoko Brigitte Wang,Riani Sagita,Dwi Sugiharti,2022-11-30 COVID-19 has disrupted all aspects of human life. To mitigate the impact of the pandemic, several efforts have been taken, including by Indonesian scholars abroad. This book entitled Indonesia Post-Pandemic Outlook: Rethinking Health and Economics Post-COVID-19 explores opportunities and innovations to push forward to recover from COVID-19, both in health and economics. Comprising 15 chapters, this book is split into three main themes. The first part, Digital Transformation, focuses on how digital transformation has provided new ways of working in health, Small Medium Enterprises (SMEs), financing, and the tourism industry, especially in this post-pandemic era. Second, Building Future Ready Resilient Societies, raises the critical question of how the Indonesian society can be more resilient and future-ready to face a future that changes more rapidly than before, through the lens of food systems, mental health, culture, collaborative leadership, communities, and global supply chains. The last part, Equitable, Sustainable, and Green Development, presents ideas on what it takes to build a more equitable, sustainable, and greener future without sacrificing prosperity. We hope that this book can be a valuable reference for stakeholders, policymakers, as well as society to recover from the pandemic crisis and find better solutions to benefit future generations.

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- Integration of Multimedia Elements
- Interactive and Gamified eBooks

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exhibiting pseudo random behavior built from simple shift registers with a small number of xor gates used for random number generation counters error checking and correction advantages very little hardware high speed operation example 4 bit lfsr $q_4 \oplus q_3 \oplus q_2 \oplus q_1$

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the period it is therefore natural to use the length

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web in computing a linear feedback shift register lfsr is a shift register whose input bit is a linear function of its previous state the most commonly used linear function of single bits is exclusive or xor thus an lfsr is most often a shift register whose input bit is driven by the xor of some bits of the overall shift register value

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