1. Record Nr. UNINA9910917794703321

Autore	Hirakawa Hitoshi
Titolo	The Dynamics of Asian Economic Development : Understanding Asia and Its Ways Forward / / by Hitoshi Hirakawa, Ferdinand C. Maquito
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	9789819731060 9819731062
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (527 pages)
Altri autori (Persone)	MaquitoFerdinand C
Disciplina	338.95
Soggetti	Economic development Economic history Regional economics Space in economics Industries International business enterprises Economic Growth Economy-wide Country Studies Regional and Spatial Economics International Business
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Part I: The Asian Economy and Transformation of the World Economy in the Early 21st Century -- Chapter 1. The China-US Trade War and Trump-Driven Expansion of the Asian Economy -- Chapter 2. China’s BRI (Belt Road Initiative) and its Prospect -- Chapter 3. Asia’s Changing Mechanism of Development in the World Economy -- Chapter 4. Another Way of Development through ICT: from India to Philippine, and to Vietnam -- Chapter 5. Decentralization in the Philippines: From Inclusive to Shared Growth. Part II: Rise of Asia’s Economy in the Last Century or so -- Chapter 6. East Asia’s Economic Rise in the World Economy -- Chapter 7. East Asia’s Currency and Financial Crisis and a New Financial Order -- Chapter 8. Advancing Regional Collaboration in East Asia -- Chapter 9. The Historical Roots

	of Unshared Growth: The Case of the Philippines -- Part III: Toward a Better Balanced Economic Development -- Chapter 10. Would Akamatsu’s Flying Geese Model of Development still be relevant in Asia? -- Chapter 11. A New Structure of the Asian Economy.
Sommario/riassunto	One feature of this book is the clarification of the development mechanism of Asia as a regional economy for over half a century, based on an "Asian Economy Within the Global Economy" approach that goes beyond the single-country analytical framework. The development of emerging economies has caught the world's attention: from the Newly Industrializing Countries or Newly Industrializing Economies of the 1980s to the BRICs entering this century. General economics cannot clarify the internal mechanism of the changing of newly industrialized economies led by Asia. This book clarifies such regional development structure by focusing on the direct investments of multinational firms and the importance of gradual changes of specific policies adopted by newly industrialized economies. Moreover, the book concretely deals with the US–China trade war and China's Belt and Road Initiative (BRI) as a problem of Asian economies. In so doing, the book not only perceives the structural change of the global economy as a structural change from a US-centric global economy of the twentieth century to a China-centric one, but also focuses on the birthing of a new growth frontier in the world economy, under a crisis brought about by a war for hegemony between the US and China. The investment initiative through China's BRI has prompted the investment competition between Japan and the US, which has made even stronger the possibility of giving birth to a new economic frontier in Afro-Eurasia. Another feature is the consideration of various issues that confront Asian countries in their search for economic development, using the Philippines as a case study. The analysis of the study points to the importance of a “shared growth” perspective, which is based on an Asian development model, and discusses the challenge of overcoming the issues of the economic development model within the region. At the same time, this book studies the significance and new issues, as a region, of the economy and overseas policies of attention-drawer China.

2. Record Nr. UNINA9910814320203321

Autore	Pascoe Norman
Titolo	Reliability technology : principles and practice of failure prevention in electronic systems / / Norman Pascoe
Pubbl/distr/stampa	Chichester, West Sussex, U.K., : Wiley, 2011
ISBN	1-283-37410-2 9786613374103 0-470-98011-7 0-470-98010-9
Edizione	[1st ed.]
Descrizione fisica	1 online resource (414 p.)
Collana	Wiley series in quality & reliability engineering
Disciplina	621.381
Soggetti	Electronic apparatus and appliances - Reliability System failures (Engineering) - Prevention
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	RELIABILITY TECHNOLOGY: PRINCIPLES AND PRACTICE OF FAILURE PREVENTION IN ELECTRONIC SYSTEMS; Contents; Foreword by Michael Pecht; Series Editor's Preface; Preface; About the Author; Acknowledgements; 1 The Origins and Evolution of Quality and Reliability; 1.1 Sixty Years of Evolving Electronic Equipment Technology; 1.2 Manufacturing Processes - From Manual Skills to Automation; 1.3 Soldering Systems; 1.4 Component Placement Machines; 1.5 Automatic Test Equipment; 1.6 Lean Manufacturing; 1.7 Outsourcing; 1.8 Electronic System Reliability - Folklore versus Reality; 1.9 The 'Bathtub' Curve 1.10 The Truth about Arrhenius1.11 The Demise of MIL-HDBK-217; 1.12 The Benefits of Commercial Off-The-Shelf (COTS) Products; 1.13 The MoD SMART Procurement Initiative; 1.14 Why do Items Fail?; 1.15 The Importance of Understanding Physics of Failure (PoF); Summary and Questions; References; 2 Product Lifecycle Management; 2.1 Overview; 2.2 Project Management; 2.3 Project Initiation; 2.4 Project Planning; 2.5 Project Execution; 2.6 Project Closure; 2.7 A Process Capability Maturity Model; 2.8 When and How to Define The Distribution Strategy 2.9 Transfer of Design to Manufacturing - The High-Risk Phase2.10

Outsourcing - Understanding and Minimising the Risks; 2.11 How Product Reliability is Increasingly Threatened in the Twenty-First Century; Summary and Questions; References; 3 The Physics of Failure; 3.1 Overview; 3.2 Background; 3.3 Potential Failure Mechanisms in Materials and Components; 3.4 Techniques for Failure Analysis of Components and Assemblies; 3.5 Transition from Tin-Lead to Lead-Free Soldering; 3.6 High-Temperature Electronics and Extreme-Temperature Electronics; 3.7 Some Illustrations of Failure Mechanisms Summary and QuestionsReferences; 4 Heat Transfer - Theory and Practice; 4.1 Overview; 4.2 Conduction; 4.3 Convection; 4.4 Radiation; 4.5 Thermal Management; 4.6 Principles of Temperature Measurement; 4.7 Temperature Cycling and Thermal Shock; Summary and Questions; References; 5 Shock and Vibration - Theory and Practice; 5.1 Overview; 5.2 Sources of Shock Pulses in the Real Environment; 5.3 Response of Electronic Equipment to Shock Pulses; 5.4 Shock Testing; 5.5 Product Shock Fragility; 5.6 Shock and Vibration Isolation Techniques; 5.7 Sources of Vibration in the Real Environment
5.8 Response of Electronic Equipment to Vibration5.9 Vibration Testing; 5.10 Vibration-Test Fixtures; Summary and Questions; References; 6 Achieving Environmental-Test Realism; 6.1 Overview; 6.2 Environmental-Testing Objectives; 6.3 Environmental-Test Specifications and Standards; 6.4 Quality Standards; 6.5 The Role of the Test Technician; 6.6 Mechanical Testing; 6.7 Climatic Testing; 6.8 Chemical and Biological Testing; 6.9 Combined Environment Testing; 6.10 Electromagnetic Compatibility; 6.11 Avoiding Misinterpretation of Test Standards and Specifications; Summary and Questions; References 7 Essential Reliability Technology Disciplines in Design

Sommario/riassunto

A unique book that describes the practical processes necessary to achieve failure free equipment performance, for quality and reliability engineers, design, manufacturing process and environmental test engineers. This book studies the essential requirements for successful product life cycle management. It identifies key contributors to failure in product life cycle management and particular emphasis is placed upon the importance of thorough Manufacturing Process Capability reviews for both in-house and outsourced manufacturing strategies. The readers? attention is also drawn to the ma