1. Record Nr. UNINA9910786883503321

Titolo	Capital for the future : : saving and investment in an interdependent world
Pubbl/distr/stampa	Washington, D.C., : , : World Bank, , [2013] copyright 2013
ISBN	0-8213-9955-1
Descrizione fisica	xv, 149 pages : illustrations (color), maps; ; 27 cm
Collana	Global development horizons, , 2221-8416
Disciplina	332.673
Soggetti	Saving and investment Investments
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.
Nota di contenuto	Cover; Contents; Foreword; Acknowledgments; Abbreviations; OVERVIEW; Outlooks under the two scenarios; Figures; O.1 Future global saving and investment rates will remain fairly stable in the gradual convergence scenario, but this stability belies substantial shifts in the relative shares of developing and high-income countries; O.2 Developing countries will represent more than half of global capital stocks by 2030 in the gradual convergence scenario, compared with about a third in 2010; O.3 Increased earning power will be the greatest driver of saving by Mexican households O.4 Annual infrastructure needs over the next 20 years are likely to be greatest in East and South Asia O.5 By 2030, nearly half or more of gross capital inflows will likely go to developing countries; Modeling the global dynamics of investment, saving, and capital flows; O.6 Schematic diagram describing interactions between saving, investment demand, and investment financing; Note; References; CHAPTER 1: The Emerging Pattern of Global Investment; Changing patterns of investment worldwide 1.1 Gross investment in developing countries has increased in absolute terms (panel a) and as a share of global investment (panel b)Boxes; 1.1 Different terms, different rates: Purchasing-power adjusted investment vs. investment expressed in national currency; B1.1.1 Differentials in investment rates (panel a) and capital-output ratios (panel b) are

greater when measured in PPP terms; 1.2 Developing countries' rising investment rates (panel a) and growing share of global output (panel b) have contributed to their increased share of investment in global output
1.3 The rising share of developing countries' investment in global output is due to more than just changes in China and India 1.2 Investment booms are not always associated with sustained growth; 1.4 Investment rates among Sub-Saharan African countries of different income levels have followed distinct paths; Tables; B1.2.1 Investment booms have occurred in a broad range of developing and high-income countries; B1.2.1 Many countries experience weak growth following an investment boom
1.5 Global manufacturing investment tends to be concentrated in lower-middle-income countries (panel a), with China currently accounting for the vast majority of investment in those countries (panel b)1.1 There is significant heterogeneity in marginal products of capital, at both economy wide and sectoral levels, across developing countries; 1.6 The public sector share of output is lower in high-income countries than in other country groups (panel a), but the public sector share of investment has converged among country groups (panel b)
1.7 Private sector commitments to infrastructure have risen over time, both in major developing countries (panel a) and across most infrastructure subsectors (panel b)

Sommario/riassunto

The gradual acceleration of growth in developing countries is a defining feature of the past two decades. This acceleration came with major shifts in patterns of investment, saving, and capital flows. This second volume in the Global Development Horizons series analyzes these shifts and explores how they may evolve through 2030.Average domestic saving in developing countries stood at 34 percent of their GDP in 2010, up from 24 percent in 1990, while their investment was around 33 percent of their GDP in 2012, up from 26 percent. These trends in saving and investment, along with higher growth r

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ISBN	3-030-94766-1
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (xiv, 295 pages) : illustrations (some color)
Collana	Advances in Delays and Dynamics, , 2197-1161 ; ; 14
Disciplina	003.78
Soggetti	Automatic control Engineering mathematics Dynamics Nonlinear theories Control and Systems Theory Engineering Mathematics Applied Dynamical Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Energy shaping control of 1D Distributed Parameter Systems -- Prediction control for nonlinear systems with stochastic input delay -- Output feedback stabilization of a reaction-diusion PDE in the presence of saturations of the input and its time derivatives.
Sommario/riassunto	The proposed book presents recent breakthroughs for the control of distributed parameter systems and follows on from a workshop devoted to this topic. It introduces new and unified visions of the challenging control problems raised by distributed parameter systems. The book collects contributions written by prominent international experts in the control community, addressing a wide variety of topics. It spans the full range from theoretical research to practical implementation and follows three traverse axes: emerging ideas in terms of control strategies (energy shaping, prediction-based control, numerical control, input saturation), theoretical concepts for interconnected systems (with potential non-linear actuation dynamics), advanced applications (cable-operated elevators, traffic networks), and

numerical aspects. Cutting-edge experts in the field contributed in this volume, making it a valuable reference source for control practitioners, graduatestudents, and scientists researching practical and theoretical solutions to the challenging problems raised by distributed parameter systems.