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Financial markets
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Note generali	"Youth demanding change." Two columns to the page.
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Nota di contenuto	Cover; Contents; Features; YOUTH FINDING A VOICE; Youth in the Balance: Frustrated and angry, the world's young people are demanding change; Making the Grade: Revamping what and how young people learn is the best way to help them and their home countries succeed; Scarred Generation: In advanced economies, the crisis sparked a huge increase in unemployment among younger workers that will take a long time to abate; Straight Talk Stolen Dreams: Our ability to set the world economy straight will decide the fate of today's young people; Voices of Youth: Around the world, young people speak out ALSO IN THIS ISSUEWill the Renminbi Rule?: The Chinese currency is on track to become more important globally, but is unlikely to challenge the dollar anytime soon; Protecting the Whole: Keeping individual financial institutions sound is not enough. A broader macroprudential approach is needed to safeguard the financial system; Ratings Game: Private credit rating agencies have been thrust into providing a public function because regulators have not come up with an alternative; Empowering Women Is Smart Economics: Closing gender gaps benefits countries as a whole, not just women and girls Picture This: Growing Out of Poverty: Poverty in Latin America is at its lowest level in 20 years
Sommario/riassunto	Young people, hardest hit by the global economic downturn, are speaking out and demanding change. F&D looks at the need to urgently address the challenges facing youth and create opportunities for them. Harvard professor David Bloom lays out the scope of the problem and emphasizes the importance of listening to young people in "Youth in the Balance." "Making the Grade" looks at how to teach today's young people what they need to get jobs. IMF Deputy Managing Director, Nemat Shafik shares her take on the social and economic consequences of youth unemployment in our "Straight Talk" column. "Scarred Generation" looks at the effects the global economic crisis had on young workers in advanced economies, and we hear directly from young people across the globe in "Voices of Youth." Renminbi's rise, financial system regulation, and boosting GDP by empowering women. Also in the magazine, we examine the rise of the Chinese currency, look at the role of the credit rating agencies, discuss how to boost the empowerment of women, and present our primer on macroprudential regulation, seen as increasingly important to financial stability. People in economics - C. Fred Bergsten, American Globalist. Back to basics - The multi-dimensional role of banks in our financial systems.

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Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	-- About the Authors xiii -- Foreword xv -- Preface xvii -- About the Companion Website xxi -- Part I Fundamental Concepts 1 -- 1 Introduction to Network Routing 3 -- 1.1 Introduction to Networks 3 -- 1.2 Network Architecture and Standards 6 -- 1.3 Glimpse at the Network Layer 13 -- 1.4 Addressing in TCP/IP Networks 16 -- 1.5 Overview of Routing 20 -- 1.6 Delivery, Forwarding, Routing, and Switching 21 -- 1.7 Routing Taxonomy 23 -- 1.8 Host Mobility and Routing 26 -- References 27 -- Abbreviations/Terminologies 28 -- Questions 30 -- Exercises 32 -- 2 Basic Routing Algorithms 35 -- 2.1 Introduction to Routing Algorithms 35 -- 2.2 Routing Strategies 40 -- 2.2.1 Non?Adaptive Algorithms 43 -- 2.2.2 Adaptive Algorithms 44 -- 2.2.3 Flooding 44 -- 2.3 Static Shortest Path Routing Algorithms 47 -- 2.4 Dynamic Shortest Path Routing Algorithms 50 -- 2.5 Stochastic Routing Algorithms 53 -- References 55 -- Abbreviations/Terminologies 55 -- Questions 56 -- Exercises 57 -- 3 Fundamental Routing Protocols 59 -- 3.1 Routing Protocols 59 -- 3.2 Distance Vector Routing 61 -- 3.2.1 Working of the Protocol 61 -- 3.2.2 Convergence of Distance Vector Table 62 -- 3.2.3 Issues in Distance Vector Routing 63 -- 3.2.4 Improvements in Distance Vector Routing 67 -- 3.2.5 Advantages and Disadvantages 68 -- 3.3 Link

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Sommario/riassunto

Network Routing: Fundamentals, Applications and Emerging Technologies serves as single point of reference for both advanced undergraduate and graduate students studying network routing, covering both the fundamental and more moderately advanced concepts of routing in traditional data networks such as the Internet, and emerging routing concepts currently being researched and developed, such as cellular networks, wireless ad hoc networks, sensor networks, and low power networks. Furthermore, QoS routing, and security and reliability are also discussed. Additionally, the book assesses the need for the different technologies, techniques and solutions for given problems in network routing, and provides model solutions. Apart for conventional network routing topics, certain sections in various chapters cover contemporary topics like challenges

in mobile computing, interoperability and applications of low power wireless personal area network, network management, mobile agents, attack surface, tactical networks, and cognitive security. * Focuses on key concepts in different network technologies (e.g. the Internet, wireless ad hoc networks etc.) * Provides a single point of reference on network routing * Discusses techniques for given problems in network routing, and provides model solutions * Explores advanced concepts in network routing such as security and reliability and fault-tolerance * Includes an accompanying website containing PowerPoint slides and solutions to questions www.wiley.com/go/misra2204 This book is unique. It deals with routing in multiple generations of communication / from NSFNet to IoT, passing through ATM, MPLS, ad hoc, cellular, and wireless sensor networks in-between. This will clearly have a differentiating value for the readers. The technology is changing at an unprecedented pace, and the modern-day networks are significantly different from how they looked just a decade ago. This has resulted in numerous design challenges, security concerns, mobile agents, network-centric operations, cognitive capabilities, and much more. This book is distinct as it touches significantly upon all communication technologies on the anvil for the near future, apart from its coverage of routing in past networks. Raj Jain, Fellow of IEEE, ACM, and AAAS, Barbara H and Jerome R Cox, Jr, Professor of Computer Science and Engineering, Washington University, St Louis, MO, USA.
