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Altri autori (Persone)	ZhangYiye
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Soggetti	<p>Statistics</p> <p>Artificial intelligence - Data processing</p> <p>Capital market</p> <p>International finance</p> <p>Financial risk management</p> <p>Statistics in Business, Management, Economics, Finance, Insurance</p> <p>Statistical Theory and Methods</p> <p>Data Science</p> <p>Capital Markets</p> <p>International Finance</p> <p>Risk Management</p>
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Nota di contenuto	Measuring Global Flow of Funds: Data Sources, Statistical Framework, and Approaches -- Global Flow of Funds as a Network: The Case Study of the G20 -- Structural Changes in China-US External Flow of Funds: Estimates Based on VEC Model -- A Network Analysis of Sectoral FFSM: Identifying Interlinkages in China, Japan, and the U.S. -- Strategic Challenges of Decoupling for China and the United States: focus on the Global Flow of Funds.
Sommario/riassunto	This book is the first to focus on the global flow of funds (GFF), providing an introduction to its fundamental concepts and establishing a theoretical framework for analysis. It connects the flow of funds within domestic economies to that of the rest of the world, offering a comprehensive analysis of GFF dynamics. This study enhances GFF

statistics, enabling the assessment of global financial stability from both national and cross-border sectoral perspectives. The GFF data provide valuable insights into analyzing interconnectivity across borders and an understanding of global financial interdependencies. By examining the data sources and reconstructing the statistical framework to establish the GFF statistical matrix, this book conducts a case study to evaluate financial risks and influences in G20 countries. Subsequently, it connects the GFF matrix with sectoral account data and the flow of funds to establish the sectoral from-whom-to-whom financial stock matrix (SFSM). The SFSM aims to establish a new framework for conducting multi-country, multi-sector analysis within the G20, with a special emphasis on examining the national and cross-border exposures of sectors in China, Japan, and the USA. This involves constructing country-specific financial networks and connecting them based on cross-border exposures. The systematic analysis results effectively showcase the financial interconnections among G20 countries within the GFF and shed light on the attributes of external shocks and internal influences. The focus is particularly on the changes in risk exposure between China and the USA concerning their external assets and liabilities and the implications of economic decoupling of these dynamics.

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