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| Descrizione fisica | 1 online resource (610 p.)   |
| Collana            | Books  |
| Disciplina         | 332  |
| Soggetti           | Efficient market theory<br>Risk - Econometric models<br>Risk assessment - Econometric models<br>Accounting<br>Banks and Banking<br>Finance: General<br>Money and Monetary Policy<br>Industries: Financial Services<br>Financial Risk Management<br>Banks<br>Depository Institutions<br>Micro Finance Institutions<br>Mortgages<br>Financial Institutions and Services: Government Policy and Regulation<br>Financing Policy<br>Financial Risk and Risk Management<br>Capital and Ownership Structure<br>Value of Firms<br>Goodwill<br>Monetary Policy, Central Banking, and the Supply of Money and Credit:<br>General<br>Public Administration<br>Public Sector Accounting and Audits<br>Banking<br>Finance<br>Financial services law & regulation<br>Monetary economics<br>Financial reporting, financial statements |

Stress testing  
Loans  
Credit risk  
Nonperforming loans  
Financial sector policy and analysis  
Financial institutions  
Financial regulation and supervision  
Commercial banks  
Banks and banking  
Financial risk management  
Credit  
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| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Note generali           | Description based upon print version of record.   |
| Nota di bibliografia    | Includes bibliographical references at the end of each chapters and index.  |
| Nota di contenuto       | Cover; Contents; Foreword; Acknowledgments; Abbreviations; Contributing Authors; 1. Stress Testing at the International Monetary Fund: Methods and Models; PART I: THE ACCOUNTING-BASED APPROACH; A. THE BALANCE SHEET-BASED APPROACH; 2. Introduction to the Balance Sheet-Based Approach to Stress Testing; 3. Stress Tester: A Toolkit for Bank-by-Bank Analysis with Accounting Data; 4. Into the Great Unknown: Stress Testing with Weak Data; 5. Next-Generation Applied Solvency Stress Testing; 6. Of Runes and Sagas: Perspectives on Liquidity Stress Testing Using an Iceland Example 7. Next-Generation System wide Liquidity Stress Testing 8. Systemic Bank Risk in Brazil: A Comprehensive Simulation of Correlated Market, Credit, Sovereign, and Interbank Risks; 9. Modeling Correlated Systemic Bank Liquidity Risks; 10. Review and Implementation of Credit Risk Models; 11. Bankers without Borders? Implications of Ring-Fencing for European Cross-Border Banks; 12. Conducting Stress Tests of Dened Benet Pension Plans; B. THE NETWORK ANALYSIS APPROACH; 13. Introduction to the Network Analysis Approach to Stress Testing 14. Cross-Border Financial Surveillance: A Network Perspective 15. Balance Sheet Network Analysis of Too-Connected-to-Fail Risk in Global and Domestic Banking Systems; PART II: THE MARKET PRICE BASED APPROACH; A. THE EQUITY INDICATORS BASED APPROACH; 16. Introduction to the Equity Indicators-Based Approach to Stress Testing; 17. The Global Financial Crisis and Its Impact on the Chilean Banking System; 18. Regulatory Capital Charges for Too-Connected-to-Fail Institutions: A Practical Proposal; B. THE EXTREME VALUE THEORY APPROACH 19. Introduction to the Extreme Value Theory Approach to Stress Testing 20. External Linkages and Contagion Risk in Irish Banks; 21. Identifying Spillover Risk in the International Banking System: An Extreme Value Theory Approach; C. THE CONTINGENT CLAIMS ANALYSIS APPROACH; 22. Introduction to the Contingent Claims Analysis Approach for Stress Testing; 23. Vulnerabilities of Household |

and Corporate Balance Sheets in the United Kingdom and Risks for the Financial Sector; 24. Measuring and Analyzing Sovereign Risk with Contingent Claims

25. Factor Model for Stress Testing with a Contingent Claims Model of the Chilean Banking System 26. Systemic Contingent Claims Analysis;

27. Measuring Systemic Risk-Adjusted Liquidity; PART III: THE MACROFINANCIAL APPROACH; 28. Introduction to the Macro-Financial

Approach to Stress Testing; 29. A Macro Stress Test Model of Credit Risk for the Brazilian Banking Sector; 30. A Practical Example of the

Nonperforming Loans Projection Approach to Stress Testing; 31. Portfolio Credit Risk and Macroeconomic Shocks: Applications to Stress Testing under Data-Restricted Environments

32. Banking Stability Measures

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### Sommario/riassunto

The IMF has had extensive involvement in the stress testing of financial systems in its member countries. This book presents the methods and models that have been developed by IMF staff over the years and that can be applied to the gamut of financial systems. An added resource for readers is the companion CD-Rom, which makes available the toolkit with some of the models presented in the book (also located at [elibrary.imf.org/page/stress-test-toolkit](http://elibrary.imf.org/page/stress-test-toolkit)).

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