CONTENTS

List of Figures xi
List of Tables xviii
About the Editor xxiii
List of Contributors xxiv

PART I BACKGROUND

1. Mortgage Loans to Mortgage-Backed Securities 3
   Bill Berliner, Adam Quinones, and Anand Bhattacharya

2. Understanding the Prospectus and Prospectus Supplement for Mortgage-Backed Securities 30
   David M. Lukach, Thomas Knox, Eliza Kwong, and Anoop Lall

3. Cash Flow Mathematics for Agency Mortgage-Backed Securities 87
   Frank J. Fabozzi

4. New Regulations for Securitizations and Asset-Backed Securities 104
   Sharon Brown-Hruska, Georgi Tsvetkov, and Trevor Wagener

5. Impact of the Credit Crisis on Mortgage-Backed Securities 131
   Andrew S. Carron, Anne Gron, and Thomas Schopflocher

PART II AGENCY RMBS: BASIC PRODUCTS

6. Agency Mortgage Passthrough Securities 167
   Frank J. Fabozzi, Glenn Schultz, and Linda Lowell

7. Hybrid ARMs 194
   Bill Berliner, Anand Bhattacharya, and Steve Banerjee

8. Customized Mortgage-Backed Securities 204
   Anand Bhattacharya, Bill Berliner, and Steve Banerjee

9. Single-Family Rental Deals 219
   Debra Chen
CONTENTS

10. GSE Credit Risk Transfer Deals
    Debra Chen

11. Agency Mortgage-Backed Securities: Performance, Valuation, and Risk Premium Comparatives
    Ion Dan and Philip O. Obazee

PART III AGENCY RMBS: MULTI-CLASS

12. Agency Collateralized Mortgage Obligations
    Frank J. Fabozzi

13. Agency Planned Amortization Class Bonds
    William Irving, Frank J. Fabozzi, and Linda Lowell

14. Accrual Bonds/Z Bonds
    Linda Lowell, Glenn Schultz, and Frank J. Fabozzi

15. Support Bonds with Schedules
    Glenn Schultz, Linda Lowell, and Frank J. Fabozzi

16. Floating-Rate Mortgage Securities
    Airat Chanyshev, Erin McHugh, and Esther Bruegger

17. Inverse Floating-Rate CMOs
    Cyrus Mohebbi, Raymond Yu, Marc Barakat, and Paula Steisel Goldfarb

18. Stripped Mortgage-Backed Securities
    Cyrus Mohebbi, Raymond Yu, Ardishir Shahmaei, and Paula Steisel Goldfarb

PART IV PRIVATE-LABEL MBS

19. Lessons of the Financial Crisis for Private-Label MBS
    Mark Adelson

20. Credit Enhancement
    Frank J. Fabozzi and Bill Berliner

21. Introduction to Covered Bonds
    Thomas Schopflocher and Jordan Milev
PART V COMMERCIAL MORTGAGE-BACKED SECURITIES

22. Agency Commercial Mortgage Securities
   Ed Daingerfield

23. CMBS Collateral Performance: Measures and Valuations
   Philip O. Obazee and Duane C. Hewlett

PART VI VALUATION AND PREPAYMENT MODELING

24. Valuation of Mortgage-Backed Securities
   Rajashri (Priya) Joshi, Tom Davis, and Bill McCoy

25. Modeling Prepayments and Defaults for MBS Valuation
   Jonathon Weiner

26. Contemporary Challenges in Loan-Level Prepayment Modeling
   Steve Banerjee, Anand Bhattacharya, and Bill Berliner

27. Issues and Challenges in Non-Agency Mortgage Securitizations
   Anand Bhattacharya and Bill Berliner

28. Residential Mortgage Defaults, Foreclosures, and Modifications
   Faten Sabry, Ignacio Franceschelli, and Drew Claxton

PART VII PORTFOLIO MANAGEMENT TOOLS AND TECHNIQUES

29. Managing against the Barclays MBS Index: Prices and Returns
   Eric M. Wang and Bruce D. Phelps

30. MBS Index Replication with TBAs
   Nikki Stefanelli and Bruce D. Phelps

   Frank J. Fabozzi

32. Hedging Agency Mortgage-Related Securities
   Brett R. Dunn, Kenneth B. Dunn, Frank J. Fabozzi, and Roberto Sella
<table>
<thead>
<tr>
<th>Section</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>33</td>
<td>Dollar Rolls</td>
<td>720</td>
</tr>
<tr>
<td></td>
<td>Bill Berliner and Anand Bhattacharya</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>Credit Derivatives and Mortgage-Backed Securities</td>
<td>733</td>
</tr>
<tr>
<td></td>
<td>Chudozie Okongwu, Timothy McKenna, Oksana Kitaychik, and Giulio Renzi-Ricci</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>A Framework for Determining Relative Value in the Agency MBS Market</td>
<td>758</td>
</tr>
<tr>
<td></td>
<td>Mark Fontanilla</td>
<td></td>
</tr>
</tbody>
</table>

Index

775