CONTENTS

List of Figures ix
List of Tables xiii
Acknowledgments xvii
About the Editors xix
About the Contributors xxii

PART I BACKGROUND

1. Debt Markets and Investments: An Overview 3
   H. KENT BAKER, GREG FILBECK, AND ANDREW C. SPIELER

2. Debt Fundamentals and Indices 23
   RYAN J. DODGE, STEVEN T. PETRA, AND ANDREW C. SPIELER

3. Interest Rate Risk, Measurement, and Management 41
   TOM BARKLEY

4. Other Risks Associated with Debt Securities 63
   RANDOLPH D. NORDBY

PART II MARKET SECTORS

5. Government Debt 81
   KEITH PARETI AND ROB KENNEDY

6. Municipal Bonds 95
   XIAOHU DENG, CHRISTOPHER GOEBERT, GERSHON MORGULIS, AND ISAAC YATES

7. Corporate Bond Markets 113
   KELLY E. CARTER
8. Securitized Debt Markets 131
    ŞENAY AKÇA AND SAIYID S. ISLAM

9. Derivatives Markets 151
    HALİL KİYMAZ AND KORAY D. SIMŞEK

10. Short-Term Funding and Financing Alternatives 167
    BENJAMIN AGUILAR, AJIT JAIN, AND KEVIN NEAVES

11. Private Debt Markets 185
    DOUGLAS CUMMING, GRANT FLEMING, AND ZHANGXIN (FRANK) LIU

PART III YIELD CURVES, SWAP CURVES, AND INTEREST RATE MODELS

12. Yield Curves, Swap Curves, and Term Structure of Interest Rates 203
    TOM P. DAVIS AND DMITRI MOSSESIAN

13. Models of the Yield Curve and Term Structure 229
    TOM P. DAVIS AND DMITRI MOSSESIAN

PART IV BOND PRODUCTS

    SOUTONOMA OUEDRAOGO, DAVID SCOFIELD, AND GARRETT C. SMITH

15. Floating Rate Notes 265
    ABY ABRAHAM, JOHN CASARES, AND JIBRAN ALI SHAH

16. Bonds with Embedded Options 283
    CHRISTOPHER J. BARNES, GAURAV GUPTA, AND JOSEPH F. ABINANTI

17. Bond Mutual Funds, Closed-End Bond Funds, and Exchange-Traded Funds 305
    HALİL KİYMAZ AND KORAY D. SIMŞEK

    ERIK DEVOS, ROBERT KARPOWICZ, AND ANDREW C. SPIELER

19. Inflation-Linked Bonds 345
    JOHN LETTIERI, GERALD O’DONNELL, SEOW ENG ONG, AND
    DESMOND TSANG
PART V  SECURITIZED PRODUCTS

20. Securitization Process  365
   Mark Ferguson, Joseph McBride, and Kevin Tripp

   Mingwei (Max) Liang and Milena Petrova

22. Asset-Backed Securities  403
   Massimo Guidolin and Manuela Pedio

23. Collateralized Debt Obligations, Collateralized Bond Obligations, and Collateralized Loan Obligations  421
   Robert Eckrote, Christopher Milliken, Ehsan Nikbakht, and Andrew C. Spierer

PART VI  BOND VALUATION AND ANALYSIS

24. Factors Affecting Bond Pricing and Valuation  437
   Mark Wu, Xiang Gao, and Robert Wieczorek II

25. Valuing and Analyzing Bonds with Embedded Options  453
   Yiying Cheng

26. Valuing and Analyzing Mortgage-Backed and Asset-Backed Securities  477
   Matthew Dyer

27. Valuing and Analyzing Fixed Income Derivatives  501
   Koray D. Simsek and Halil Kiyimaz

PART VII  SPECIAL TOPICS

28. Credit Analysis and Ratings  523
   Peter Dadalt, Michael Gueli, Rafay Khalid, and Ling Zhang

29. Bond Auctions  547
   Mark Wu, Patrick Herb, and Shishir Paudel

30. Bond Accounting  567
   Oluwaseyi Adebayo Awoga

31. High Yield Bonds  599
   Byron C. Barnes, Tony Calenda, and Elvis Rodriguez
32. Distressed Debt  621
SEOYOUNG KIM

33. Microstructure of Fixed Income Trading  639
MATTHEW JOHN JERABECK, MARC PERKINS, AND DAVID PETRUZZELLIS

PART VIII  STRATEGIES, PORTFOLIO MANAGEMENT, AND FUTURE OUTLOOK

34. Debt Investment Strategies  661
STEVEN COSARES, TAYLOR RIGGS, AND ANDREW C. SPIELER

35. Debt Portfolio Management  679
ZACHARY JERSKY AND HE LI

36. Debt Trends and Future Outlook  699
DIANNA PREECE

Discussion Questions and Answers  717
Index  763