## Contents

Foreword		Xi
Preface		xiii
About the Author		xxiii
Part I	Banking business, bank capital and debt market instruments	1
Chapter 1	Bank business and bank capital	3
Chapter 2	Financial statements and ratio analysis	29
Chapter 3	The money markets	47
Chapter 4	The bond instrument	133
Part II	Bank treasury asset-liability management	209
Chapter 5	Asset-liability management I	211
Chapter 6	Asset-liability management II	247
Chapter 7	ALM trading principles	305
Chapter 8	Asset-liability management III: The ALCO	327
Chapter 9	The yield curve	339
Chapter 10	The determinants of the swap spread and	
1	understanding the term premium	451
Chapter 11	Introduction to relative spread analysis	477
Part III	Financial instruments, applications and hedging	491
Chapter 12	Repo instruments	493
Chapter 13	Money market derivatives	539
Chapter 14	Interest-rate swaps and overnight-index swaps	625
Chapter 15	Hedging using bond futures contracts	713
Chapter 16	Credit risk and credit derivatives	745
Chapter 17	Value-at-Risk (VaR) and credit VaR	833

Part IV	Funding and balance sheet management using	
14111	securitisation and structured credit vehicles	881
Chapter 18	Introduction to securitisation	887
Chapter 19	Structured, synthetic and repackaged funding vehicles	
Chapter 20	Mortgage-backed securities and covered bonds	961
Chapter 21	Asset-backed securities	999
Chapter 22	Collateralised debt obligations	1021
Chapter 23	Synthetic collateralised debt obligations	1059
Chapter 24	Synthetic mortgage-backed securities	1139
Chapter 25	Structured investment vehicles	1147
Part V	Bank regulatory capital	1161
Chapter 26	Bank regulatory capital and the Basel rules	1165
Chapter 27	A primer on Basel II	1195
Part VI	Treasury middle office operations	1241
Chapter 28	Funding and Treasury procedures for banking	
	corporations	1243
Part VII	Applications software enclosed with the book	1261
Chapter 29	Applications software and spreadsheet models	1263
Appendix	Financial markets arithmetic	1277
Glossary		1315
Index		1383