



Preface

Contents

1. Introduction	7
2. Credit Risk Management	10
2.1 Credit Risk Organization	10
2.2 Trading and Investment Banking	14
2.3 Basel II Credit Risk Management Requirements	18
3. Rating and Scoring Systems	24
3.1 Rating Quality Measurement and Validation	24
3.2 Analytical Ratings	41
3.3 Automated Rating Systems	45
3.4 Expected Loss, LGD, and EAD Estimations	77
3.5 Basel II Rating Based Approach	93
4. Portfolio Credit Risk	101
4.1 Expected, Unexpected Losses, and Economic Capital	103
4.2 CreditMetrics	105
4.3 CreditRisk+	121
4.4 CreditPortfolioView	127
4.5 KMV Portfolio Manager	130
4.6 Comparison of the Models	141
4.7 Vasicek's Model and the Basel II Capital Calculation	144
5. Credit Derivatives	151
5.1 Credit Derivatives Market	153
5.2 Valuation of Multi-Name Credit Derivatives	172
5.3 Dynamic Intensity of Default Modeling	183
5.4 Basel II on Credit Derivatives and Securitization	199
Literature	203
Rejstřík	207