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 CHAPTER 8 The Black-Litterman Portfolio Selection Framework; PRELIMINARIES; COMBINING MARKET EQUILIBRIUM AND INVESTOR VIEWS; THE CHOICE OF α AND τ ; THE OPTIMAL PORTFOLIO ALLOCATION; INCORPORATING TRADING STRATEGIES INTO THE BLACK-LITTERMAN MODEL; ACTIVE PORTFOLIO MANAGEMENT AND THE BLACK-LITTERMAN MODEL; COVARIANCE MATRIX ESTIMATION; SUMMARY; CHAPTER 9 Market Efficiency and Return Predictability; TESTS OF MEAN-VARIANCE EFFICIENCY; INEFFICIENCY MEASURES IN TESTING THE CAPM; TESTING THE APT; RETURN PREDICTABILITY
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 SUMMARY; APPENDIX: VECTOR AUTOREGRESSIVE SETUP; CHAPTER 10 Volatility Models; GARCH MODELS OF VOLATILITY; STOCHASTIC VOLATILITY MODELS; ILLUSTRATION: FORECASTING VALUE-AT-RISK; AN ARCH-TYPE MODEL OR A STOCHASTIC VOLATILITY MODEL?; WHERE DO BAYESIAN METHODS FIT?; CHAPTER 11 Bayesian Estimation of ARCH-Type Volatility Models; BAYESIAN ESTIMATION OF THE SIMPLE GARCH(1,1) MODEL; MARKOV REGIME-SWITCHING GARCH MODELS; SUMMARY; APPENDIX: GRIDDY GIBBS SAMPLER; CHAPTER 12 Bayesian Estimation of Stochastic Volatility Models
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Sommario/riassunto

Bayesian Methods in Finance provides a detailed overview of the theory of Bayesian methods and explains their real-world applications to financial modeling. While the principles and concepts explained throughout the book can be used in financial modeling and decision making in general, the authors focus on portfolio management and market risk management-since these are the areas in finance where Bayesian methods have had the greatest penetration to date.