Record Nr. UNINA9910143228603321 Applied quantitative methods for trading and investment [[electronic **Titolo** resource] /] / edited by Christian L. Dunis, Jason Laws, and Patrick Naim Pubbl/distr/stampa Chichester, West Sussex;; Hoboken, N.J.,: John Wiley, c2003 **ISBN** 1-280-27398-4 9786610273980 0-470-29950-9 0-470-87134-2 0-470-01326-5 Descrizione fisica 1 online resource (427 p.) Collana Wiley finance series Altri autori (Persone) **DunisChristian** LawsJason **NaimPatrick** Disciplina 332.6/01/5195 332.6015195 Soggetti Finance - Mathematical models Investments - Mathematical models Speculation - Mathematical models Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Applied Quantitative Methods for Trading and Investment; Contents; Nota di contenuto About the Contributors; Preface; 1 Applications of Advanced Regression Analysis for Trading and Investment; Abstract; 1.1 Introduction; 1.2 Literature review; 1.3 The exchange rate and related financial data; 1.4 Benchmark models: theory and methodology; 1.5 Neural network models: theory and methodology; 1.6 Forecasting accuracy and trading simulation; 1.7 Concluding remarks; References; 2 Using Cointegration to Hedge and Trade International Equities; Abstract; 2.1 Introduction; 2.2 Time series modelling and cointegration 2.3 Implicit hedging of unknown common risk factors 2.4 Relative value and statistical arbitrage; 2.5 Illustration of cointegration in a controlled simulation; 2.6 Application to international equities; 2.7 Discussion and

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8 Stochastic Volatility Models: A Survey with Applications to Option Pricing and Value at Risk

Sommario/riassunto

This book provides a manual on quantitative financial analysis. Focusing on advanced methods for modelling financial markets in the context of practical financial applications, it will cover data, software and techniques that will enable the reader to implement and interpret quantitative methodologies, specifically for trading and investment. Includes contributions from an international team of academics and quantitative asset managers from Morgan Stanley, Barclays Global Investors, ABN AMRO and Credit Suisse First Boston. Fills the gap for a book on applied quantitative investment