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Nota di contenuto	Financial Econometrics: From Basics to Advanced Modeling Techniques; Contents; Preface; Abbreviations and Acronyms; About the Authors; Chapter 1: Financial Econometrics: Scope and Methods; THE DATA GENERATING PROCESS; FINANCIAL ECONOMETRICS AT WORK; TIME HORIZON OF MODELS; APPLICATIONS; APPENDIX: INVESTMENT MANAGEMENT PROCESS; CONCEPTS EXPLAINED IN THIS CHAPTER (IN ORDER OF PRESENTATION); Chapter 2: Review of Probability and Statistics; CONCEPTS OF PROBABILITY; PRINCIPLES OF ESTIMATION; BAYESIAN MODELING; APPENDIX A: INFORMATION STRUCTURES; APPENDIX B: FILTRATION CONCEPTS EXPLAINED IN THIS CHAPTER (IN ORDER OF PRESENTATION) Chapter 3: Regression Analysis: Theory and Estimation; THE CONCEPT OF DEPENDENCE; REGRESSIONS AND LINEAR MODELS; ESTIMATION OF LINEAR REGRESSIONS; SAMPLING DISTRIBUTIONS OF REGRESSIONS; DETERMINING THE EXPLANATORY POWER OF A REGRESSION; USING REGRESSION ANALYSIS IN FINANCE; STEPWISE REGRESSION; NONNORMALITY AND AUTOCORRELATION OF THE RESIDUALS; PITFALLS OF REGRESSIONS; CONCEPTS EXPLAINED IN THIS CHAPTER (IN ORDER OF PRESENTATION); Chapter 4: Selected Topics in Regression Analysis;

CATEGORICAL AND DUMMY VARIABLES IN REGRESSION MODELS  
CONSTRAINED LEAST SQUARES THE METHOD OF MOMENTS AND ITS  
GENERALIZATIONS; CONCEPTS EXPLAINED IN THIS CHAPTER (IN ORDER  
OF PRESENTATION); Chapter 5: Regression Applications in Finance;  
APPLICATIONS TO THE INVESTMENT MANAGEMENT PROCESS; A TEST OF  
STRONG-FORM PRICING EFFICIENCY; TESTS OF THE CAPM; USING THE  
CAPM TO EVALUATE MANAGER PERFORMANCE: THE JENSEN MEASURE;  
EVIDENCE FOR MULTIFACTOR MODELS; BENCHMARK SELECTION:  
SHARPE BENCHMARKS; RETURN-BASED STYLE ANALYSIS FOR HEDGE  
FUNDS; HEDGE FUND SURVIVAL; BOND PORTFOLIO APPLICATIONS;  
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TERMINOLOGY AND DEFINITIONS; STATIONARITY AND INVERTIBILITY  
OF ARMA PROCESSES; LINEAR PROCESSES; IDENTIFICATION TOOLS;  
CONCEPTS EXPLAINED IN THIS CHAPTER (IN ORDER OF PRESENTATION);  
Chapter 7: Approaches to ARIMA Modeling and Forecasting; OVERVIEW  
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DIFFERENCING; IDENTIFICATION OF LAG ORDERS; MODEL ESTIMATION;  
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ANALYSIS OF THE PROPERTIES OF THE GARCH(1,1) MODEL; CONCEPTS  
EXPLAINED IN THIS CHAPTER (IN ORDER OF PRESENTATION); Chapter 9:  
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AUTOREGRESSIVE DISTRIBUTED LAG MODELS; VECTOR AUTOREGRESSIVE  
MOVING AVERAGE MODELS; FORECASTING WITH VAR MODELS;  
APPENDIX: EIGENVECTORS AND EIGENVALUES  
CONCEPTS EXPLAINED IN THIS CHAPTER (IN ORDER OF PRESENTATION)

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### Sommario/riassunto

A comprehensive guide to financial econometrics Financial econometrics is a quest for models that describe financial time series such as prices, returns, interest rates, and exchange rates. In Financial Econometrics, readers will be introduced to this growing discipline and the concepts and theories associated with it, including background material on probability theory and statistics. The experienced author team uses real-world data where possible and brings in the results of published research provided by investment banking firms and journals. Financial Econometrics clearly explains the te

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