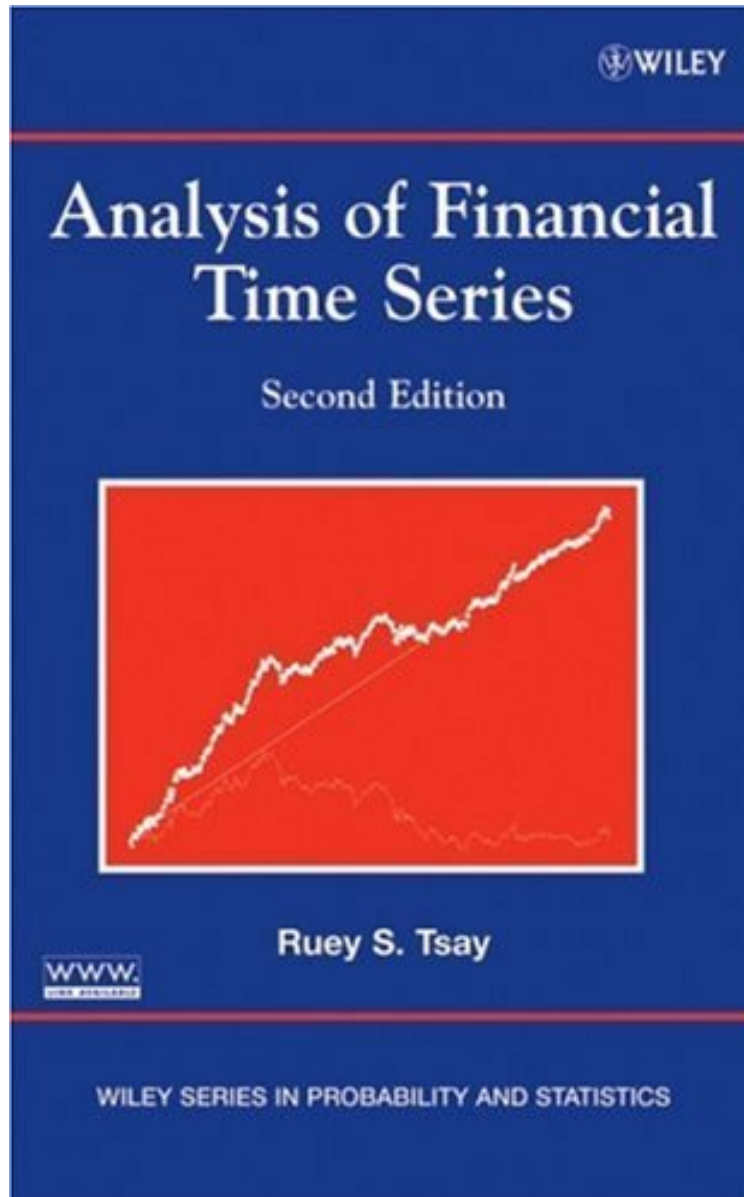


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Analysis of Financial Time Series (Wiley Series in Probability and Statistics)

Ruey S. Tsay

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Ruey S. Tsay : Analysis of Financial Time Series (Wiley Series in Probability and Statistics) before purchasing it in order to gage whether or not it would be worth my time, and all praised Analysis of Financial Time Series (Wiley Series in Probability and Statistics):

4 of 4 people found the following review helpful. A nice up-to-date collection of time series techniquesBy RobbyA

nice up-to-date collection of time series techniques. Should be useful for someone who already has some experience in the field. However, would not recommend as an introduction for an uninitiated. Pros: * Covers a broad scope of up-to-date time series topics. * Presentations of models are concise but not too short. Cons: * A bit uncomfortable and unconventional (compared to other time series texts) notation. * On some occasions presents outdated approaches that have been proved "wrong" without even giving a warning. E.g. suggests testing for remaining ARCH effects in (G)ARCH model residuals by the simple ARCH-LM test. This approach has been proven wrong and an alternative has been suggested already in 1994 (the Li-Mak test). However, the book is completely mute about this issue. * A few typos, but not a major problem. 0 of 0 people found the following review helpful. Plenty of examples that can be easily adapted to R. By Daniel CA very detailed treatise of all things time series. Plenty of examples that can be easily adapted to R. I referred to it often when working as a high frequency quant. Highly recommended. 0 of 0 people found the following review helpful. the best reading on the subject of time series. By XM very technical and detailed contents for those in the industry, the best reading on the subject of time series!

Provides statistical tools and techniques needed to understand today's financial markets The Second Edition of this critically acclaimed text provides a comprehensive and systematic introduction to financial econometric models and their applications in modeling and predicting financial time series data. This latest edition continues to emphasize empirical financial data and focuses on real-world examples. Following this approach, readers will master key aspects of financial time series, including volatility modeling, neural network applications, market microstructure and high-frequency financial data, continuous-time models and Ito's Lemma, Value at Risk, multiple returns analysis, financial factor models, and econometric modeling via computation-intensive methods. The author begins with the basic characteristics of financial time series data, setting the foundation for the three main topics: Analysis and application of univariate financial time series Return series of multiple assets Bayesian inference in finance methods This new edition is a thoroughly revised and updated text, including the addition of S-Plusreg; commands and illustrations. Exercises have been thoroughly updated and expanded and include the most current data, providing readers with more opportunities to put the models and methods into practice. Among the new material added to the text, readers will find: Consistent covariance estimation under heteroscedasticity and serial correlation Alternative approaches to volatility modeling Financial factor models State-space models Kalman filtering Estimation of stochastic diffusion models The tools provided in this text aid readers in developing a deeper understanding of financial markets through firsthand experience in working with financial data. This is an ideal textbook for MBA students as well as a reference for researchers and professionals in business and finance.