Record Nr. UNINA9910462982703321 Autore Tsay Ruey S. <1951-> Titolo Multivariate time series analysis: with R and financial applications // Ruey S. Tsay Pubbl/distr/stampa Hoboken, New Jersey:,: Wiley,, 2014 ©2014 **ISBN** 1-118-61775-4 1-118-61779-7 Descrizione fisica 1 online resource (502 p.) Collana Wiley series in probability and statistics Classificazione MAT029000 519.5/5 Disciplina Soggetti Time-series analysis R (Computer program language) Econometric models Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Bibliographic Level Mode of Issuance: Monograph Note generali Nota di bibliografia Includes bibliographical references at the end of each chapters and index. Sommario/riassunto "Since the publication of his first book, Analysis of Financial Time Series, Ruey Tsay has become one of the most influential and prominent experts on the topic of time series. Different from the traditional and oftentimes complex approach to multivariate (MV) time series, this sequel book emphasizes structural specification, which results in simplified parsimonious VARMA modeling and, hence, eases comprehension. Through a fundamental balance between theory and applications, the book supplies readers with an accessible approach to financial econometric models and their applications to real-world empirical research. The book utilizes the freely available R software package to explore complex data and illustrate related computation and analyses in a user-friendly way. An author-maintained website features additional data sets in R, Matlab and Stata scripts so readers can create their own simulations and test their comprehension of the

presented techniques"--