

1. Record Nr.	UNINA9910300156703321
Autore	Härdle Wolfgang Karl
Titolo	Basics of Modern Mathematical Statistics : Exercises and Solutions // by Wolfgang Karl Härdle, Vladimir Spokoiny, Vladimir Panov, Weining Wang
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2014
ISBN	3-642-36850-6
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (XXV, 185 p. 123 illus., 81 illus. in color.) : online resource
Collana	Springer Texts in Statistics, , 1431-875X
Disciplina	519.5
Soggetti	Statistics R (Computer program language) Statistical Theory and Methods Statistics, general Statistics for Business, Management, Economics, Finance, Insurance
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Basics -- Parameter Estimation for an i.i.d. Model -- Parameter Estimation for a Regression Model -- Estimation in Linear Models -- Bayes Estimation -- Testing a Statistical Hypothesis -- Testing in Linear Models -- Some Other Testing Methods. .
Sommario/riassunto	The complexity of today's statistical data calls for modern mathematical tools. Many fields of science make use of mathematical statistics and require continuous updating on statistical technologies. Practice makes perfect, since mastering the tools makes them applicable. Our book of exercises and solutions offers a wide range of applications and numerical solutions based on R. In modern mathematical statistics, the purpose is to provide statistics students with a number of basic exercises and also an understanding of how the theory can be applied to real-world problems. The application aspect is also quite important, as most previous exercise books are mostly on theoretical derivations. Also we add some problems from topics often encountered in recent research papers. The book was written for statistics students with one or two years of coursework in mathematical

statistics and probability, professors who hold courses in mathematical statistics, and researchers in other fields who would like to do some exercises on math statistics.
