

1. Record Nr.	UNISA996418252603316
Autore	Wehrens Ron
Titolo	Chemometrics with R [[electronic resource]] : Multivariate Data Analysis in the Natural and Life Sciences / / by Ron Wehrens
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2020
ISBN	3-662-62027-8
Edizione	[2nd ed. 2020.]
Descrizione fisica	1 online resource (XVI, 308 p. 111 illus., 82 illus. in color.)
Collana	Use R!, , 2197-5736
Disciplina	543.015195
Soggetti	Statistics Chemoinformatics Bioinformatics R (Computer program language) Statistics for Life Sciences, Medicine, Health Sciences Statistics for Engineering, Physics, Computer Science, Chemistry and Earth Sciences Statistical Theory and Methods Computer Applications in Chemistry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction. - Data -- Preprocessing -- Principal Component Analysis -- Self-Organizing Maps. - Clustering -- Classification -- Multivariate Regression. - Validation -- Variable Selection -- Chemometric Applications.
Sommario/riassunto	This book offers readers an accessible introduction to the world of multivariate statistics in the life sciences, providing a comprehensive description of the general data analysis paradigm, from exploratory analysis (principal component analysis, self-organizing maps and clustering) to modeling (classification, regression) and validation (including variable selection). It also includes a special section discussing several more specific topics in the area of chemometrics, such as outlier detection, and biomarker identification. The corresponding R code is provided for all the examples in the book; and scripts, functions and data are available in a separate R package. This

second revised edition features not only updates on many of the topics covered, but also several sections of new material (e.g., on handling missing values in PCA, multivariate process monitoring and batch correction). .

2. Record Nr.	UNINA9910148598503321
Titolo	The Islamic Manuscript Tradition : Ten Centuries of Book Arts in Indiana University Collections // edited by Christiane Gruber
Pubbl/distr/stampa	Bloomington, Indiana ; ; Indianapolis, Indiana : , : Indiana University Press, , 2010 ©2010
ISBN	0-253-02920-1
Descrizione fisica	1 online resource (305 pages) : illustrations (some color)
Altri autori (Persone)	GruberChristiane J. <1976->
Disciplina	091.091767
Soggetti	Manuscripts, Turkish - Indiana - Bloomington Manuscripts, Persian - Indiana - Bloomington Manuscripts, Arabic - Indiana - Bloomington Islamic illumination of books and manuscripts Early printed books - Islamic Empire Islam - Manuscripts Islamic civilization - Manuscripts Manuscripts - Islamic Empire Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduction : Islamic book arts in Indiana University collections / Christiane Gruber -- Ruth E. Adomeit : an ambassador for miniature books / Janet Rauscher -- Between amulet and devotion: Islamic miniature books in the Lilly Library / Heather Coffey -- A pious cure-all : the Ottoman illustrated prayer manual in the Lilly Library / Christiane Gruber -- Ibrahim Muteferrika and the age of the printed manuscript / Yasemin Gencer -- An Ottoman view of the world : the Kitab

Cihannuma and its cartographic contexts / Emily Zoss -- The Lilly Shamshir Khani in a Franco-Sikh context : a non-Islamic "Islamic" manuscript / Brittany Payeur -- An amuletic manuscript : baraka and nyama in a Sub-Saharan African prayer manual / Kitty Johnson.

Sommario/riassunto

Over the course of ten centuries, Islam developed a rich written heritage that is visible in paintings, calligraphies, and manuscripts. The Islamic Manuscript Tradition explores this aspect of Islamic history with studies of the materials and tools of literate culture, including pens, inks, and papers, Qur'ans, Persian and Mughal illustrated manuscripts, Ottoman devotional works, cartographical manuscripts, printed books, and Islamic erotica. Seven essays present new scholarship on a wide range of topics including collection, miniaturization, illustrated devotional books, the history of the printing press in Islamic lands, and the presence and function of erotic paintings. This beautifully produced volume includes 111 color illustrations and provides a valuable new resource for students and scholars of Islamic art.
