1.
Record Nr.	UNINA990001334600403321
Autore	Kuang, Yang
Titolo	Delay differential equations : With applications in polpulation dynamics / Yang Kuang
Pubbl/distr/stampa	Boston [MA] : Academic Press, c1993
ISBN	0-12-427610-5
Descrizione fisica	xii, 398 p. ; 24 cm
Collana	Mathematics in science and engineering ; 191
Disciplina	515.352
Locazione	MA1
Collocazione	C-26-(191
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910863135103321
Autore	Giordani Paolo (Writer on statistics)
Titolo	An Introduction to Clustering with R / / by Paolo Giordani, Maria Brigida Ferraro, Francesca Martella
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2020
ISBN	9789811305535
	9811305536
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (346 pages)
Collana	Behaviormetrics: Quantitative Approaches to Human Behavior, , 2524-4035 ; ; 1
Disciplina	519.53
Soggetti	Statistics
	Mathematical statistics - Data processing
	Biometry
	Statistical Theory and Methods
	Statistics and Computing
	Applied Statistics
	Biostatistics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Section: Introduction -- 1.1 Introduction to clustering -- 1.2 R software -- 2. Section: Standard algorithms -- 2.1 Introduction -- 2.2 Distances and dissimilarities -- 2.3 Hierarchical methods -- 2.4 Non-hierarchical methods -- 2.5 Cluster validity -- 3. Section: Fuzzy algorithms -- 3.1 Introduction -- 3.2 Fuzzy K-means -- 3.3 Fuzzy K-medoids -- 3.4 Other fuzzy variants -- 3.5 Cluster validity -- 4. Section: Model-based algorithms -- 4.1 Introduction -- 4.2 Mixture of Gaussian distributions -- 4.3 Mixture of non-Gaussian distributions -- 4.4 Parsimonious mixture models.
Sommario/riassunto	The purpose of this book is to thoroughly prepare the reader for applied research in clustering. Cluster analysis comprises a class of statistical techniques for classifying multivariate data into groups or clusters based on their similar features. Clustering is nowadays widely used in several domains of research, such as social sciences, psychology, and marketing, highlighting its multidisciplinary nature.

This book provides an accessible and comprehensive introduction to clustering and offers practical guidelines for applying clustering tools by carefully chosen real-life datasets and extensive data analyses. The procedures addressed in this book include traditional hard clustering methods and up-to-date developments in soft clustering. Attention is paid to practical examples and applications through the open source statistical software R. Commented R code and output for conducting, step by step, complete cluster analyses are available. The book is intended for researchers interestedin applying clustering methods. Basic notions on theoretical issues and on R are provided so that professionals as well as novices with little or no background in the subject will benefit from the book.