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Autore	Ghosh S (Sucharita)
Titolo	Kernel smoothing : principles, methods and applications // Sucharita Ghosh
Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley, , 2018 ©2018
ISBN	1-118-89050-7 1-118-89037-X
Edizione	[1st edition]
Descrizione fisica	1 online resource (1 volume) : illustrations
Collana	THEi Wiley ebooks
Disciplina	511/.42
Soggetti	Smoothing (Statistics) Kernel functions
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Density estimation -- Nonparametric regression -- Trend estimation -- Semiparametric regression -- Surface estimation.
Sommario/riassunto	Comprehensive theoretical overview of kernel smoothing methods with motivating examples Kernel smoothing is a flexible nonparametric curve estimation method that is applicable when parametric descriptions of the data are not sufficiently adequate. This book explores theory and methods of kernel smoothing in a variety of contexts, considering independent and correlated data e.g. with short-memory and long-memory correlations, as well as non-Gaussian data that are transformations of latent Gaussian processes. These types of data occur in many fields of research, e.g. the natural and the environmental sciences, and others. Nonparametric density estimation, nonparametric and semiparametric regression, trend and surface estimation in particular for time series and spatial data and other topics such as rapid change points, robustness etc. are introduced alongside a study of their theoretical properties and optimality issues, such as consistency and bandwidth selection. Addressing a variety of topics, Kernel Smoothing: Principles, Methods and Applications offers a user-friendly presentation of the mathematical content so that the reader can directly implement the formulas using any appropriate software.

The overall aim of the book is to describe the methods and their theoretical backgrounds, while maintaining an analytically simple approach and including motivating examples—making it extremely useful in many sciences such as geophysics, climate research, forestry, ecology, and other natural and life sciences, as well as in finance, sociology, and engineering. A simple and analytical description of kernel smoothing methods in various contexts Presents the basics as well as new developments Includes simulated and real data examples Kernel Smoothing: Principles, Methods and Applications is a textbook for senior undergraduate and graduate students in statistics, as well as a reference book for applied statisticians and advanced researchers.

2. Record Nr.	UNINA9910820136503321
Autore	Wolanski Adam
Titolo	Spiewnik koledowy : Teksty i melodie // Adam Wolanski
Pubbl/distr/stampa	Warszawa : , : Wydawnictwo Ktoczyta.pl, , 2016
ISBN	83-8161-910-6
Descrizione fisica	1 online resource (66 pages)
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Soggetti	Songbooks
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Formato	Materiale a stampa
Livello bibliografico	Monografia