1. Record Nr. UNICAMPANIASUN0049429

Autore	Byron, Frederick W.
Titolo	Mathematics of classical and quantum physics / Frederick W. Byron and Robert W. Fuller
Pubbl/distr/stampa	X, 661 p, : ill ; 24 cm
ISBN	978-04-86671-64-2
Edizione	[New York : Dover, 1992]
Descrizione fisica	Sul retro del front.: Unabridged, corrected republication of the work first published in two volumes by the Addison-Wesley publishing co., Reading, Mass., 1969 (vol. one) and 1970 (vol. two) ... in the "Addison-Wesley series in advances phyics".
Soggetti	81-XX - Quantum theory [MSC 2020]
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910438148103321

Autore	Gu Chong
Titolo	Smoothing Spline ANOVA Models / / by Chong Gu
Pubbl/distr/stampa	New York, NY : , : Springer New York : , : Imprint : Springer, , 2013
ISBN	1-299-33751-1 1-4614-5369-0
Edizione	[2nd ed. 2013.]
Descrizione fisica	1 online resource (444 p.)
Collana	Springer Series in Statistics, , 2197-568X ; ; 297
Disciplina	519.5/38
Soggetti	Statistics Statistical Theory and Methods
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Introduction -- Model Construction -- Regression with Gaussian-Type Responses -- More Splines -- Regression and Exponential Families -- Regression with Correlated Responses -- Probability Density Estimation -- Hazard Rate Estimation -- Asymptotic Convergence -- Penalized Pseudo Likelihood.
Sommario/riassunto	Nonparametric function estimation with stochastic data, otherwise known as smoothing, has been studied by several generations of statisticians. Assisted by the ample computing power in today's servers, desktops, and laptops, smoothing methods have been finding their ways into everyday data analysis by practitioners. While scores of methods have proved successful for univariate smoothing, ones practical in multivariate settings number far less. Smoothing spline ANOVA models are a versatile family of smoothing methods derived through roughness penalties, that are suitable for both univariate and multivariate problems. In this book, the author presents a treatise on penalty smoothing under a unified framework. Methods are developed for (i) regression with Gaussian and non-Gaussian responses as well as with censored lifetime data; (ii) density and conditional density estimation under a variety of sampling schemes; and (iii) hazard rate estimation with censored life time data and covariates. The unifying themes are the general penalized likelihood method and the construction of multivariate models with built-in ANOVA

decompositions. Extensive discussions are devoted to model construction, smoothing parameter selection, computation, and asymptotic convergence.