

1. Record Nr.	UNINA9911006776703321
Titolo	Basic chemometric techniques in atomic spectroscopy / / edited by Jose Manuel Andrade-Garda
Pubbl/distr/stampa	Cambridge, : RSC Publishing, c2009
ISBN	1-61583-350-1 1-84755-966-2
Edizione	[1st ed.]
Descrizione fisica	1 online resource (315 p.)
Collana	RSC analytical spectroscopy monographs
Altri autori (Persone)	Andrade-GardaJose Manuel
Disciplina	543.5
Soggetti	Atomic spectroscopy Chemometrics
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 index.
Nota di contenuto	Basic Chemometric Techniques in Atomic Spectroscopy_Publicity; i_iv; v_vi; vii_x; xi; xii_xiv; 001_050; 051_159; 160_180; 181_243; 244_283; 284_300
Sommario/riassunto	This is the first book for atomic spectroscopists to present the basic principles of experimental designs, optimization and multivariate regression. Multivariate regression is a valuable statistical method for handling complex problems (such as spectral and chemical interferences) which arise during atomic spectrometry. However, the technique is underused as most spectroscopists do not have time to study the often complex literature on the subject. This practical introduction uses conceptual explanations and worked examples to give readers a clear understanding of the technique. Mathematics is