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Autore	Smilde Age K
Titolo	Multi-way analysis with applications in the chemical sciences [[electronic resource] /] / Age Smilde, Rasmus Bro, and Paul Geladi
Pubbl/distr/stampa	Chichester, West Sussex, England ; ; Hoboken, NJ, : J. Wiley, c2004
ISBN	1-280-27462-X 9786610274628 0-470-01211-0 0-470-01210-2
Descrizione fisica	1 online resource (397 p.)
Altri autori (Persone)	BroRasmus GeladiPaul
Disciplina	540.1519535 540.72 540/.72
Soggetti	Chemistry - Statistical methods Multivariate analysis Electronic books.
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 (p. [351]-369) and index.
Nota di contenuto	Multi-way Analysis with Applications in the Chemical Sciences; CONTENTS; Foreword; Preface; Nomenclature and Conventions; 1 Introduction; 1.1 What is multi-way analysis?; 1.2 Conceptual aspects of multi-way data analysis; 1.3 Hierarchy of multivariate data structures in chemistry; 1.4 Principal component analysis and PARAFAC; 1.5 Summary; 2 Array definitions and properties; 2.1 Introduction; 2.2 Rows, columns and tubes; frontal, lateral and horizontal slices; 2.3 Elementary operations; 2.4 Linearity concepts; 2.5 Rank of two-way arrays; 2.6 Rank of three-way arrays 2.7 Algebra of multi-way analysis2.8 Summary; Appendix 2.A; 3 Two-way component and regression models; 3.1 Models for two-way one-block data analysis: component models; 3.2 Models for two-way two-block data analysis: regression models; 3.3 Summary; Appendix 3.A: some PCA results; Appendix 3.B: PLS algorithms; 4 Three-way component and regression models; 4.1 Historical introduction to multi-

Sommario/riassunto

This book is an introduction to the field of multi-way analysis for chemists and chemometricians. Its emphasis is on the ideas behind the method and its pratical applications. Sufficient mathematical background is given to provide a solid understanding of the ideas behind the method. There are currently no other books on the market which deal with this method from the viewpoint of its applications in chemistry. Applicable in many areas of chemistry.No comparable volume currently available.The field is becoming increasingly important.

2.

Record Nr.	UNINA9910716468603321
Titolo	D. George Shorten. February 12, 1927. -- Committed to the Committee of the Whole House and ordered to be printed
Pubbl/distr/stampa	[Washington, D.C.] : , : [U.S. Government Printing Office], , 1927
Descrizione fisica	1 online resource (2 pages)
Collana	House report / 69th Congress, 2nd session. House ; ; no. 2057 [United States congressional serial set] ; ; [serial no. 8690]
Altri autori (Persone)	UnderhillCharles Lee <1867-1946> (Republican (MA))
Soggetti	Burglary Claims Legislative amendments Postal service - Law and legislation - United States - Criminal provisions Post office buildings Postal service - Equipment and supplies Postal service - Employees Legislative materials.
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3. Record Nr. UNINA9910710261003321

Autore	Swaffield J. A. <1943->
Titolo	Application of the method of characteristics to predict attenuation in unsteady partially filled pipe flow / / J. A. Swaffield
Pubbl/distr/stampa	Gaithersburg, MD : , : U.S. Dept. of Commerce, National Institute of Standards and Technology, , 1982
Descrizione fisica	1 online resource
Collana	NBSIR ; ; 82-2478
Lingua di pubblicazione	Inglese
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