

# Introduction to **Multivariate Statistical Analysis in Chemometrics**

Kurt Varmuza  
Peter Filzmoser



CRC Press  
Taylor & Francis Group

# Introduction To Multivariate Statistical Analysis In Chemometrics

**Daniel F McAuley**



## **Introduction To Multivariate Statistical Analysis In Chemometrics:**

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**Multivariate Analysis of Quality** Harald Martens,M. Martens,2001-02-08 Data analysis is a vital part of science today and in assessing quality multivariate analysis is often necessary in order to avoid loss of essential information Martens provides a powerful and versatile methodology that enables researchers to design their investigations and analyse data effectively and safely without the need for formal statistical training Offers an introductory explanation of multivariate analysis by graphical soft modelling Minimises mathematics providing all technical details in the appendix Presents itself in an accessible style with cartoons self assessment questions and a wide range of practical examples Demonstrates the methodology for various types of quality assessment ranging from human quality perception via industrial quality monitoring to environmental quality and its molecular basis All data sets available FREE online on Chemometrics World <http://www.wiley.co.uk/wileychi/chemometrics> An Introduction to Multivariate Statistical Analysis Theodore W. Anderson,2013-06-03

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