

CONTENTS

Chapter 1	Introduction to Chemometrics	1
Chapter 2	Statistical Evaluation of Data	5
Chapter 3	Exploratory, Robust, and Nonparametric Data Analysis	39
Chapter 4	Calibration	99
Chapter 5	Nonlinear Regression Analysis	151
Chapter 6	Experimental Design and Optimization	181
Chapter 7	Signal Processing and Data Analysis	211
Chapter 8	Signal Processing and Data Enhancement	239
Chapter 9	The Role of the Microcomputer	271
Chapter 10	Trends in Chemometrics	309