

CONTENTS

Preface		vii
Dedication		ix
Introduction		1
Chapter 1	Multiple Classification of Metabolomic Approaches	7
Chapter 2	Stoichiometry-Based Approaches	37
Chapter 3	Correlation-Based Approaches	55
Chapter 4	Distances - and Similarity Indices-Based Approaches: Cluster Analysis	113
Chapter 5	Outliers and Extreme Cases Analysis	135
Chapter 6	Weighted Metabolic Profiles Analysis	157
Chapter 7	Time-Dependent Analysis of Metabolic Systems	175
References		213
Index		233