CONTENTS

Chapter 4   Diagnosis performance in MSQC (I)

Chapter 5   New proposed variants for MSQC fault diagnosis

Chapter 6   Diagnosis performance in MSQC (II)

Part III Fault diagnosis in latent-based multivariate statistical process control (Lb_MSPC)

Chapter 7 Methods for fault diagnosis in MSPC

Chapter 8 Fingerprints Contribution Plots (FCP)

Chapter 9 Diagnosis performance in Lb-MSPC

Part IV Conclusions and future areas of research

Part V Appendices