



Sensing



Analysis



Decision Making

Chapter 1  
Introduction

Chapter 2  
Time Series  
Fundamentals

Chapter 3  
State-of-the-art

Appendix 1  
**Data Description  
and  
Management**  
**What**, in **which**  
**topics** and **how**  
was the Data used?

Chapter 4  
**Unveilling the  
*Grammar* of  
Time Series**

Chapter 5  
***A Language* for  
Time Series  
Data Mining**

Chapter 6  
**Experimental  
Evaluation,  
Validation  
and Discussion**  
**Where** and **how** can  
these methods be  
used?

Chapter 7  
**Conclusion  
and  
Future Work**