

*Write here your dedication*



## **Acknowledgment**

Write here the acknowledgments and grants, if any



## **Resumo**

Write here your abstract in Portuguese



## **Abstract**

Write here your abstract in English





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## CHAPTER 1

### Introduction

You must use `\noindent` at the beginning of the first paragraph in sections and subsections.

#### **1.1. Major Section**

Use `Section` tag for major section.

##### **1.1.1. This is a subsection**

This is a dummy text under a subsection.

##### **1.1.2. This is another subsection**

This is a dummy text under a subsection.

This is the second paragraph.

#### **1.2. Another Major Section**

We add a page brake to show that the even page number appears on the left

## CHAPTER 2

### Literature Review

2.1. One Section

2.2. Another Section



## CHAPTER 3

### Mathematics

#### 3.1. Mathematics and Text

Let  $H$  be an Euclidean space,  $C$  be a closed bounded convex subset of  $H$ , ... Suppose that as  $n \rightarrow \infty$ , ....

#### 3.2. Mathematical Formulas

Example of how the number of formulas appears on the right and can be invoked by its label.

$$w_{tt} - \Delta w + w^6 + w |w|^{p-2} = 0 \text{ in } \mathbf{R}^3 \times [0, \infty) \quad (3.1)$$

The equation (3.1) shows that ....





## CHAPTER 4

### Theorem-like Environments

#### 4.1. Some Examples

ALGORITHM 4.1. *This is an algorithm*

ALGORITHM 4.2. *This is another algorithm*

CONJECTURE 4.1. *This is a conjecture*

COROLLARY 4.1. *This is a corollary*

COROLLARY 4.2. *This is another corollary*

COROLLARY 4.3. *One more corollary*

CRITERION 4.1. *This is a criterion*

DEFINITION 4.1. *This is a definition*

EXAMPLE 4.1. *This is an example*

EXERCISE 4.1. *This is an exercise*

LEMMA 4.1. *This is a lemma*

PROOF. This is the proof of the lemma. □

NOTATION 4.1. *This is notation*

PROBLEM 4.1. *This is a problem*

PROPOSITION 4.1. *This is a proposition*

PROOF OF THE MAIN THEOREM. This is the proof. □



## CHAPTER 5

### **Conclusions**



## References

- H. Akaike (1973), “Information Theory as an Extension of the Maximum Likelihood Principle”, in B. N. Petrov, and F. Csaki, (Eds.), *Second International Symposium on Information Theory*, Akademiai Kiado, Budapest, pp. 267–281.
- D.T. Anderson, J.C. Bezdek, M. Popescu, and J.M. Keller (2010), “Comparing Fuzzy, Probabilistic, and Possibilistic Partitions”, *IEEE Transactions on Fuzzy Systems*, 18(5), 906–918.