

# Title of Your Work

Your Name - Your Number  
Estudo Orientado  
Mestrado em {nome do Mestrado}  
Faculdade de Ciências, Universidade de Lisboa  
youremail@fc.ul.pt

## Abstract

your abstract (about 10 lines).

**Keywords** 5 keywords

## 1 Introduction

The introduction should present an overview of the work, provide a motivation, and describe the organization of the document. The subsections presented below are suggestions for organizing this chapter.

**Context.** What is the context of the problem?

**Problem** A description of the original problem the project aims to solve

**Motivation** Why this problem is important and/or relevant? Why it justifies this work? How is your approach different from what was already done (if something was done)?

**Goals** The main goals this project this project aims to achieve

**Organization** A quick description of the following sections

## 2 Background

This section should contain any information needed to understand the problem you are tackling. For instance, relevant concepts and definitions in the problem area, and particularly those that will be used in the work.

## 3 Related Work

Where the existing related technologies are described and explored. What is the state of the art on the topic you are working?

*Example of a reference [1]. This was a book, but all other relevant works in papers [2] could be added as well.*

## 4 «Section(s) about your Work»

Here you should describe in as much detail as possible the problem and your plan to tackle it (use appropriate section

titles for the described work).

What are the methods you are planning to use, or already started to use, to tackle your problem.

This should be based on related work, your understanding of the problem and eventually preliminary results.

## 5 Preliminary Results (optional)

Where you describe the work already carried out, what data has already been collected, what analysis and designs have already been done, what methods have been used, what programs and/or preliminary results already exist, etc.

## 6 Forthcoming Work and Conclusions

It should include subsections that describe the work to be carried out during the rest of the year, and what its objectives are.

It should also include planning until the end of the work, in chronological order.

Include a final concluding subsection (may be a separate section) with a summary of contributions already made, a preliminary self-assessment of the work done so far, and difficulties encountered.

## References

- [1] Leslie Lamport. 1994. *LaTeX - A Document Preparation System: User's Guide and Reference Manual, Second Edition*. Pearson / Prentice Hall.
- [2] A. M. Turing. 1937. On Computable Numbers, with an Application to the Entscheidungsproblem. *Proceedings of the London Mathematical Society* s2-42, 1 (01 1937), 230–265. <https://doi.org/10.1112/plms/s2-42.1.230> arXiv:<https://academic.oup.com/plms/article-pdf/s2-42/1/230/4317544/s2-42-1-230.pdf>