

# My Thesis Title

John Smith

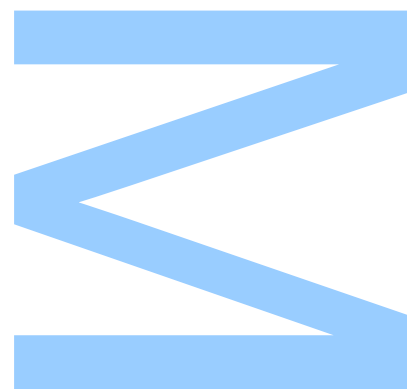
Mestrado Integrado em Engenharia Física

Departamento de Física e Astronomia

2018

**Orientador**

Prof. Dra. Marie Curie, Faculdade de Ciências



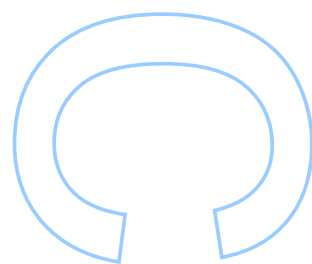
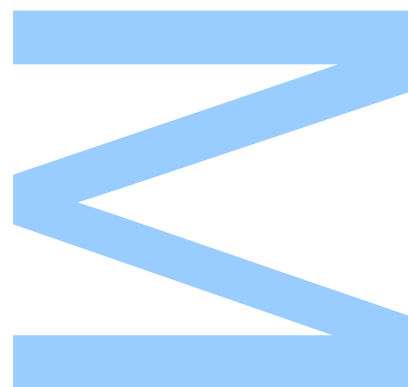




Todas as correções determinadas  
pelo júri, e só essas, foram efetuadas.

O Presidente do Júri,

Porto, \_\_\_\_/\_\_\_\_/\_\_\_\_





UNIVERSIDADE DO PORTO

MASTERS THESIS

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# MyThesis Title

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*Author:*

MyName MYLASTNAME

*Supervisor:*

FirstName LASTNAME

*A thesis submitted in fulfilment of the requirements  
for the degree of MSc. Engineering Physics*

*at the*

Faculdade de Ciências da Universidade do Porto  
Departamento de Física e Astronomia

June 21, 2019



*" I am and always will be the optimist, the hoper of far-flung hopes and the dreamer of improbable dreams "*

Matt Smith as *The Doctor*, written by Matthew Graham





# *Acknowledgements*

Acknowledge ALL the people!



UNIVERSIDADE DO PORTO

# *Abstract*

Faculdade de Ciências da Universidade do Porto

Departamento de Física e Astronomia

MSc. Engineering Physics

**MyThesis Title**

by [MyName MYLASTNAME](#)

This thesis is about something, I guess....



UNIVERSIDADE DO PORTO

## *Resumo*

Faculdade de Ciências da Universidade do Porto

Departamento de Física e Astronomia

Mestrado Integrado em Engenharia Física

**Titulo da Tese em Português**

por [MyName](#) [MYLASTNAME](#)

Este tese é sobre alguma coisa



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# Chapter 1

## Chapter Title Here

Welcome to the tutorial on how to use this thesis model. This is not to teach you how to use  $\text{\LaTeX}$ . For that read a tutorial. But this aims to teach you how to do the basic stuff you will need in order to produce a decent document.

### 1.1 Citations

You can add extra info to you references, like [1, chapter 3]

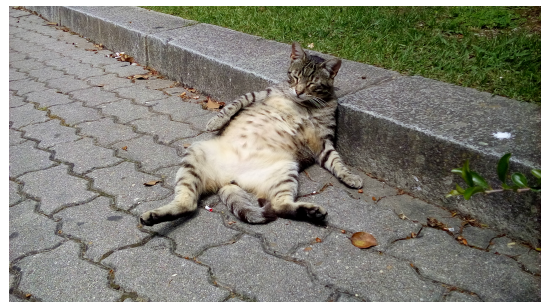
### 1.2 Figures

Let us start with a figure with two subfigures like in 1.1.

Or two figures side by side like 1.2 and 1.3.



(A) FCUP's fat cat doing what cats do.



(B) FCUP's fat cat resting.

FIGURE 1.1: FCUP's fat cat.

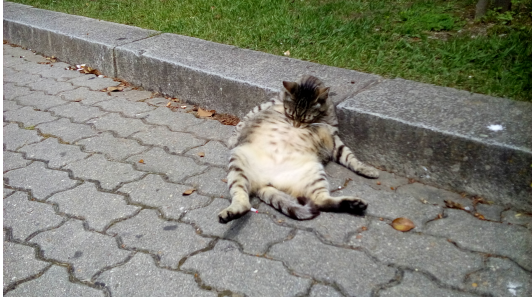


FIGURE 1.2: FCUP's fat cat doing what cats do.



FIGURE 1.3: FCUP's fat cat.

### 1.3 Math

The following equation uses a custom mathematical operator defined in line 166 of the stock main.tex:

$$\begin{aligned} \text{meshgrid } \mathbf{x}_1 &= \begin{bmatrix} a_1 & b_1 & c_1 \\ a_1 & b_1 & c_1 \end{bmatrix} \\ \text{meshgrid } \mathbf{x}_2 &= \begin{bmatrix} a_2 & a_2 & a_2 \\ b_2 & b_2 & b_2 \end{bmatrix} \end{aligned} \quad (1.1)$$

The following equation uses the custom ceil and floor operator defined in line 168 of the stock main.tex:

$$x = \left\lfloor \frac{y}{2} \right\rfloor + \left\lceil \frac{w}{2} \right\rceil \quad (1.2)$$

And this is an equation with multiple lines:

$$\begin{aligned} I_0 &= I' + I'' \cos(\Psi) \\ I_{\pi/2} &= -I'' \sin(\Psi) \\ I_{\pi} &= I' - I'' \cos(\Psi) \\ I_{3\pi/2} &= I'' \sin(\Psi) \end{aligned} \quad (1.3)$$

## **Appendix A**

### **Appendix Title Here**

Write your Appendix content here.



# Bibliography

[1] N. Jr, "My article," 2006.