Universitat Politècnica de Catalunya
Facultat d'Informàtica de Barcelona
Escola Tècnica Superior d'Enginyeria de Telecomunicació de Barcelona
Facultat de Matemàtiques i Estadística

Degree in Data Science and Engineering

Bachelor's Degree Thesis

This is the long title with a line skip

Author's full name

Supervised by (name of the supervisor/s of the TFG)
Department (or Institution if not UPC)
Ponent: nom del ponent si n'hi ha

Month, year

Thanks to...

Abstract

This should be an abstract in english, up to 1000 characters.

Keywords

keyword1, keyword2, keyword3, ...

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This report should contain the following information (you can rename the sections):

Contents

1. Introduction and state of the art

Aqui escriurem la introduccio

1.1 Prueba 1

1.1.1 Otra Prueba

2. Goals of the project

Objectius

3. Proposed solution

4. Results

5. Conclusions

Biblography

See comments below

Appendix

See comments below

Comments on Figures

Please include figures using the graphics package uploaded. Fancy options can be found for example in

`http://www.kwasan.kyoto-u.ac.jp/solarb6/usinggraphicx.pdf`

Comments on Mathematics and packages

By default, the following packages are uploaded:

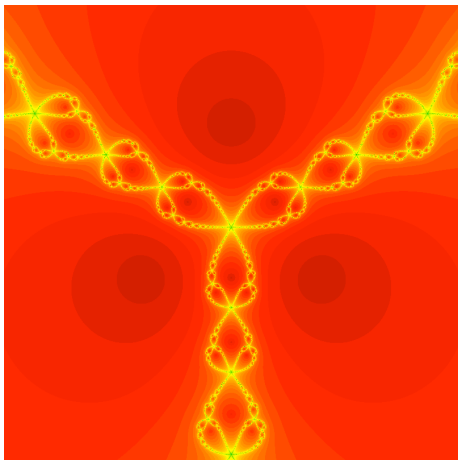

Figure 1: The caption of this figure is "Newton's method of a cubic polynomial".

(1) `enumerate`: It allows you to make list with specific somehow arbitrary labels, like this one.

(2) `amsthm`: To make evironments with different styles.

(3) `amsmath,amssymb,amsfonts`: Multiple mathematics symbols and fonts.

(4) `graphicx`: To include figures in a simple and intuitive way.

(5) `amscd`: To make commutative diagram with horizontal and vertical arrows. See below.

(6) `xy`: To make really fancy commutative arrows. See below.

(7) `booktabs`: To make fancy tables.

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Theorem 5.1. *This is my theorem.*

Comments on Bibliography

You may include[AY03] your references by hand using `the bibliography` (see an example below) or, alternatively, you may use a .bib file and use BibTeX. In any case, we ask [Mue02, AY03]you to use a reasonable **consistent** format for all your references. Our recommendation is using BibTex with the style "plain" or "amsalpha".

References

[AY03] S.K. Agrawal and J. Yan, *A three-wheel vehicle with expanding wheels: differential flatness, trajectory planning, and control*, Proc. of the 2003 IEEWRSJ, Intl. Conference on Intelligen Robots and Systems (2003).

[Mue02] S Mueller, *Transfer-function measurement with sweeps director ' s cut including previously unreleased material*, 2002.

A. Title of the appendix

You can include here an appendix with details that can not be included in the core of the document. You should reference the sections in this appendix in the core document.

B. Title of the appendix

Second appendix.