

Evolving Dynamic Traffic Assignments

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Thesis submitted to

obtain the degree of Master

in Artificial Intelligence

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Foreword

May this thesis be the high note with which this challenging but rewarding year at KU Leuven comes to a close.

I would like to express my thanks to my daily advisors Rutger Claes and Rinde van Lon, for their support and clarity of ideas. My appreciation too, to Willem Himpe who was generous with his time and explained to me the most important traffic concepts and the details of the original simulator.

Finally, I would like to dedicate this work to my family in Spain, always supportive despite the distance and to Judith, my team mate, my partner in crime, the only one with whom I want to ride the sweet risks of life.

Andres Arribas

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Abstract

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Table 2 This is the first table containing data **Error! Bookmark not defined.**

Table 4 A second table **Error! Bookmark not defined.**

List of abbreviations and symbols

π the number pi

∞ infinity …

Chapter 1: Introduction

This chapter gives an introduction to the work. The objective is stated and an explanation is given of how it is to be achieved (better known as the theme). If you are not sure what a master’s thesis is, you can always look it up on Wikipedia[2].

Example of an embedded image:

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Figure 1 castle

Chapter 2: The first [full] chapter

A chapter contains a cohesive whole of information that stands, more or less, on its own. It is therefore only logical that it should start with an introduction, i.e. that part of the text which you are now reading.

2.1 First subject in this chapter

Information introducing the subject.

2.1.1 An item

The accompanying text. Remember to keep paragraphs long enough, but make sure the sentences are not too long.

A paragraph contains a train of thought and so will always contain a couple of sentences. Do not write a paragraph which consists of only one line.

2.2 Second subject in this chapter

A chapter will contain several subjects. Let us assume that this one is the last.

2.2.1 An item

Do not use lists in the wrong way. When presenting short lists do not use the “itemize” or “enumerate” commands. In other words, do **not** do the following:

The Eiffel Tower has three floors:

the first;

the second;

the third.

But do this:

The Eiffel Tower has three floors: the first, the second and the third.

2.3 Conclusion of this chapter

If you have reached important findings or conclusions in this chapter, it is only logical that you should end the chapter by summarising them. This is not necessary for chapters such as the introduction or list of the cited literature.

|  |  |  |
| --- | --- | --- |
|  | 1 | 2 |
| A | A1 | A2 |
| B | B1 | B2 |
| C | C1 | C2 |

Table 1 This is the first table containing data

Text

|  |  |  |
| --- | --- | --- |
|  | 1 | 2 |
| 1 | 11 | 12 |

Table 2 A second table

Chapter 3: A new chapter

A chapter contains a cohesive[[1]](#footnote-1) whole that stands, more or less, on its own. It is therefore only logical that it should start with an introduction, i.e. that part of the text which you are now reading.

3.1 First subject in this chapter

Information introducing the subject.

3.1.1 An item

Text is never presented on its own. This means that references are bound to be needed. Reference can be made to online documents[2] or books[3].

3.2 Second subject in this chapter

A chapter will contain several subjects. Let us assume that this one is the last.

3.3 Conclusion of this chapter

If you have reached important findings or conclusions in this chapter, it is only logical that you should end the chapter by summarising them. This is not necessary for chapters such as the introduction or list of the cited literature.



Figure 2 Airplane

Chapter 4: The final chapter

A chapter contains a cohesive whole of information that stands, more or less, on its own. It is therefore only logical that it should start with an introduction, i.e. that part of the text which you are now reading.

4.1 First subject in this chapter

Information introducing the subject.

4.1.1 An item

The accompanying text. Remember to keep paragraphs long enough, but make sure the sentences are not too long.

A paragraph contains a train of thought and so will always contain a couple of sentences. Do not write a paragraph which consists of only one line.



Figure 3 www etc

4.2 Second subject in this chapter

A chapter will contain several subjects. Let us assume that this one is the last.

4.3 Conclusion of this chapter

If you have reached important findings or conclusions in this chapter, it is only logical that you should end the chapter by summarising them. This is not necessary for chapters such as the introduction or list of the cited literature.

Chapter 5: Conclusion

The master’s thesis is brought to a close with a chapter summarising all the conclusions once again. This is also the place to include suggestions on further use of the results, in both industrial applications and further research.

Appendices

Appendix A: The first appendix

The appendices contain information that is likely to be useful to the reader, but not essential to a sound understanding of the argument in the normal body of text. Examples include source files, configuration information, lengthy mathematical deductions, etc.

Needless to say, an appendix may be further divided into sections, or contain figures and references[1].

Appendix B: The final appendix

The appendices contain information that is likely to be useful to the reader, but not essential to a sound understanding of the argument in the normal body of text. Examples include source files, configuration information, lengthy mathematical deductions, etc.

Bibliography

[1] D. Adams, The Hitchhiker’s Guide to the Galaxy. Del Rey (reprint), 1995, no.

ISBN-13: 978-0345391803.

[2] Scriptie. Last reviewed: 31 March 2008. [Online].

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1. Insert footnote via References 🡪 insert footnote [↑](#footnote-ref-1)