

Something something

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Summary (English)

The goal of the thesis is to ...

Preface

This thesis was prepared at the department of Informatics and Mathematical Modelling at the Technical University of Denmark in fulfilment of the requirements for acquiring an M.Sc. in Informatics.

The thesis deals with ...

The thesis consists of ...

Lyngby, 01-January-2013

Not Real

Luke Herbert

Acknowledgements

I would like to thank my...

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CHAPTER 1

Introduction

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CHAPTER 2

Related work

There is a high interest and a huge amount of work the scientific community dedicates to understanding the patterns of human mobility. The knowledge we can gain from the results of this work has the potential to benefit a wide variety of industries from the modeling and maintenance of the transportation infrastructure, to the medical industry where we can use this knowledge in trying to prevent the spreading of epidemics.

Various studies have been conducted in order to gain a better understanding of the human mobility patterns. These studies give us results that seem to support each other in the idea that people are less spontaneous than they would like to think themselves and that, indeed, our behaviour shows that we are quite rooted into habits when it comes to the way we travel.

Brockmann, Hufnagel and Geisel?? have analyzed the human movement based on the way bank notes were dispersed through the United States (excluding Alaska and Hawaii). Their study shows that a relatively small percentage of bank notes (23.6%) traveled for more than 800 km, while a fraction of 19.1% did not travel for more than 50 km even after a year of being observed. The possible explanation the authors have given for these findings is that, in general, people would be less inclined to leave the areas of the large cities or the places they usually conduct their lives.

APPENDIX A

Stuff

This appendix is full of stuff ...

Bibliography
