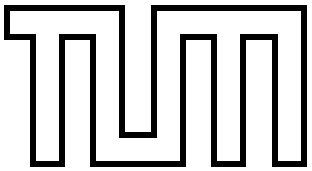

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Mater's Thesis in Biomedical Computing

The Big Work - Deformable object detection in underwater imaging

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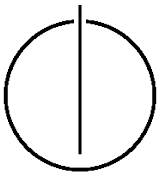

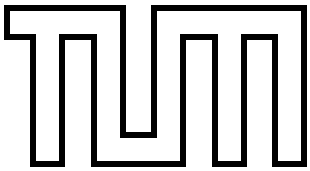

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Deformierbare Objekterkennung in Unterwasser-Bilder

Author:	Andrés Sánchez
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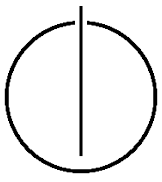
Advisor:	M.Sc. David J. Tan
Date:	November 27, 2013



I hereby declare that this thesis is enterely the result of my own work except where otherwise indicated. I have only used the resources given in the list of references.

München, den 11. März 2014 Andrés Sánchez

Acknowledgments

If someone contributed to the thesis... might be good to thank them here.

Abstract

An abstracts abstracts the thesis!

Contents

Outline of the Thesis

Part I: Overview

CHAPTER 1: INTRODUCTION

This chapter presents an overview of the thesis and it purpose. Furthermore, it will discuss the sense of life in a very general approach.

CHAPTER 2: RELATED WORKS

No thesis without theory.

Part II: Methods

CHAPTER 3: THEORICAL BACKGROUND

This chapter presents the requirements for the process.

CHAPTER 4: IMPLEMENTATION

This chapter presents the requirements for the process.

Part III: Results and Conclusion

CHAPTER 5: RESULTS AND DISCUSSION

This chapter presents the requirements for the process.

CHAPTER 6: CONCLUSION

This chapter presents the requirements for the process.

Part I.

Overview

1. Introduction

Here starts the thesis with an introduction. Please use nice latex and bibtex entries [1]. Do not spend time on formating your thesis, but on its content.

1.1. Motivation

There is no need for a latex introduction since there is plenty of literature out there.

1.2. Problem Statement

There is no need for a latex introduction since there is plenty of literature out there.

1.3. Next Section

There is no need for a latex introduction since there is plenty of literature out there.

2. Related Work

Here starts the thesis with an introduction. Please use nice latex and bibtex entries [1]. Do not spend time on formating your thesis, but on its content.

2.1. Related Work

There is no need for a latex introduction since there is plenty of literature out there.

Part II.

Methods and Implemantation

3. Methods

Here starts the thesis with an introduction. Please use nice latex and bibtex entries [1]. Do not spend time on formating your thesis, but on its content.

3.1. Theorical Background

There is no need for a latex introduction since there is plenty of literature out there.

3.2. Notation and Symbols

There is no need for a latex introduction since there is plenty of literature out there.

3.3. Camera Geometry

There is no need for a latex introduction since there is plenty of literature out there.

4. Implementation

Here starts the thesis with an introduction. Please use nice latex and bibtex entries [1]. Do not spend time on formating your thesis, but on its content.

4.1. Fish Model

There is no need for a latex introduction since there is plenty of literature out there.

4.2. Linemod

There is no need for a latex introduction since there is plenty of literature out there.

Part III.

Results and Conclusion

5. Results and Discussion

Here starts the thesis with an introduction. Please use nice latex and bibtex entries [1]. Do not spend time on formating your thesis, but on its content.

5.1. Results and Discussion

There is no need for a latex introduction since there is plenty of literature out there.

6. Conclusion

Here starts the thesis with an introduction. Please use nice latex and bibtex entries [1]. Do not spend time on formating your thesis, but on its content.

6.1. Discussion

There is no need for a latex introduction since there is plenty of literature out there.

6.2. Conclusion

There is no need for a latex introduction since there is plenty of literature out there.

Appendix

A. Detailed Descriptions

Here come the details that are not supposed to be in the regular text.

Bibliography

[1] Leslie Lamport. *LaTeX : A Documentation Preparation System User's Guide and Reference Manual*. Addison-Wesley Professional, 1994.