Rescuing Robots

- one implementation of path finding -

Project Report
Group Name/Number

Aalborg University Electronics and IT





Electronics and Computer Engineering

Aalborg University http://www.aau.dk

AALBORG UNIVERSITY

STUDENT REPORT

Title:

Project Title

Theme:

Scientific Theme

Project Period:

Fall Semester 2010

Project Group:

XXX

Participant(s):

Razvan-Vlad Bucur Troels Ulstrup Klein Daniel Frederik Busemann

Supervisor(s):

Akbar Dil Hussain Supervisor 2

Copies: 1

Page Numbers: 13

Date of Completion:

September 12, 2017

Abstract:

Something about Robots finding a short path. Starting with An implementation of a path finding robot, with both the endpoint and the floorplan given.

The content of this report is freely available, but publication (with reference) may only be pursued due to agreement with the author.

Contents

A۱	bstra	et	iii
Re	esum	é	v
Τŀ	nesis	Details	xi
Pr	eface	•	xiii
I	Inti	roduction	1
In	trodı	action	3
	1	Introduction	3
		1.1 Examples	3
		1.2 How does Subsections and Subsubsections Look?	3
	2	Section 2 name	4
	3	Conclusion	4
II	Pa	pers	5
A	Pap	er A title	7
	1	Introduction	9
	2	Conclusion	9
	A	An appendix	9
В	-	er B title	11
	1	Introduction	13
	')	Conclusion	12

Todo list

	Is it possible to add a subsubparagraph?	3
	I think that a summary of this exciting chapter should be added	3
	I think this word is mispelled	4
Fig	gure: We need a figure right here!	4

Preface

Here is the preface. You should put your s	signatures at the end of the preface.		
proper preface	Aalborg University, September 12, 2017		
Răzvan-Vlad Bucur <rbucur16@student.aau.dk></rbucur16@student.aau.dk>	Troels Ulstrup Klein <a href="mailto:tklein11@student.aau.dk>		
Daniel Frederi <dbusem16@stu< td=""><td></td></dbusem16@stu<>			

Chapter 1

Introduction

In this project we talk about path finding as an implementation in rescue robots. Looking at the complexity of this task we decided to only stick to very specific subtasks. The task we decided to look into are:

- Path finding
- Obstacle detection
- Victim identification

We decided to delineate from terrain handling, real size, durability a.o. In the following chapters we will talk about real life applications of rescue robots, differentiation into three main task types,

1.1 Examples

You can also have examples in your document such as in example 1.1.

Example 1.1 (An Example of an Example)

Here is an example with some math

$$0 = \exp(i\pi) + 1. \tag{1.1}$$

You can adjust the colour and the line width in the macros.tex file.

1.2 How Does Sections, Subsections, and Subsections Look?

Well, like this

maybe add more, just to

ref chapter

layout known, layout changes, layout unknown

ref chapter

1.2.1 This is a Subsection

and this

This is a Subsubsection

and this.

A Paragraph You can also use paragraph titles which look like this.

A Subparagraph Moreover, you can also use subparagraph titles which look like this. They have a small indentation as opposed to the paragraph titles.

I think that a summary of this exciting chapter should be added.

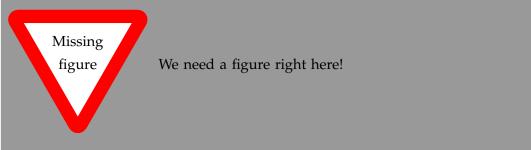
Is it possible to add a subsubparagraph?

Chapter 2

Chapter 2 name

Here is chapter 2. If you want to leearn more about $\LaTeX 2_{\mathcal{E}}$, have a look at [Madsen2010], [Oetiker2010] and [Mittelbach2005].

I think this word is mispelled



Chapter 3

Conclusion

In case you have questions, comments, suggestions or have found a bug, please do not hesitate to contact me. You can find my contact details below.

Jesper Kjær Nielsen jkn@es.aau.dk http://kom.aau.dk/~jkn Fredrik Bajers Vej 7 9220 Aalborg Ø

Appendix A

Appendix A name

Here is the first appendix