



Università degli Studi di Salerno
Dipartimento di Informatica

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Informatica

Adversarial Attacks on Vision-based Deep Neural Networks in Autonomous Driving Vehicles

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Abstract

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Contents

1	Introduction	1
2	Problem formulation	2
2.1	Software Development Lifecycle	3
2.1.1	Introduction	3
2.1.2	The waterfall model	3
2.1.3	Agile techniques	3
2.1.4	Test Driven Development	3
2.2	Testing embedded systems	3
2.2.1	Introduction	3
2.2.2	Test Driven Development fro Embedded systems . . .	3
3	Literature	4
4	Conclusions	5

List of Figures

List of Acronyms and Abbreviations

Chapter 1

Introduction

Chapters

- Testing in the software development life cycle
- Limitations of traditional Testing
- Test Driven Development with its advantages and integrations with the agile model

Chapter 2

Problem formulation

2.1 Software Development Lifecycle

2.1.1 Introduction

General introduction on what SDL is ...

2.1.2 The waterfall model

Start with the introduction of the waterfall model with a focus on its limitations (i.e. lack of feedback from the client, no possibility to revision requirements, etc...)

2.1.3 Agile techniques

2.1.4 Test Driven Development

Comparison with other agile

2.2 Testing embedded systems

2.2.1 Introduction

Reference the old survey papers (i.e. X in the loop)

2.2.2 Test Driven Development fro Embedded systems

Chapter 3

Literature

Chapter 4

Conclusions

Bibliography

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