

AI in Robotics and Kalman Filters

TIENGRAU01 - Q4 2015

Project Report

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¹FiXme Note: Get correct numbers

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Chapter 1

Introduction

Chapter 2

Theory

2.1 Localization

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2.2 Kalman

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2.3 Particle Filter

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Chapter 3

Project

3.1 System Description

3.2 Robot Mechanics

3.2.1 Chassis

3.2.2 Propulsion

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3.3 Hardware

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3.3.2 Sensors

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3.5 Improvements

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Chapter 4

Conclusion