



Semester Thesis

Sensing and characterization of the motor dynamics on an omnidirectional flying vehicle

Spring Term 2020



Eidgenössische Technische Hochschule Zürich Swiss Federal Institute of Technology Zurich

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Preface

Bla bla ...

Abstract

Hier kommt der Abstact hin ...

Symbols

Symbols

 ϕ, θ, ψ roll, pitch and yaw angle

b gyroscope bias

 Ω_m 3-axis gyroscope measurement

Indices

x x axis y y axis

Acronyms and Abbreviations

ETH Eidgenössische Technische Hochschule

EKF Extended Kalman Filter
IMU Inertial Measurement Unit
UAV Unmanned Aerial Vehicle
UKF Unscented Kalman Filter

Chapter 1

Introduction

Hier kommt die Einleitung

Bibliography

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Appendix A

Irgendwas

Bla bla ...

Appendix B

Datasheets



