

Master Thesis

# Spatial Summarization of Image Collections via Probabilistic Submodular Models

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# Preface

Bla bla ...



# Abstract

Hier kommt der Abstact hin ...





# Symbols

## Symbols

|                      |                              |
|----------------------|------------------------------|
| $\phi, \theta, \psi$ | roll, pitch and yaw angle    |
| $b$                  | gyroscope bias               |
| $\Omega_m$           | 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



## Chapter 2

# Related Work



## Chapter 3

# Background





## Chapter 4

# Models



## Chapter 5

# Experimental Setup



## Chapter 6

# Results



## **Chapter 7**

## **Conclusion**





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