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Your Name

February 2021

Department of Intelligent Mechatronics Engineering

Department of Convergence Engineering for
Intelligent Drone

The Graduate School

Sejong University

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A thesis submitted to the Faculty of the Sejong University in partial fulfillment of the requirements for the dual degree of Master in Intelligent Mechatronics Engineering and Master in Convergence Engineering for Intelligent Drone

February 2021

Approved by Major Advisor
Professor Jin Woo Song

Your Title

by

Your Name

Approved –

..., Chair of the committee

Approved –

..., Member of master committee

Approved –

Jin Woo Song, Advisor

"Your quotation."

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Abstract

Your abstract...

Keywords: Your keyword,...

Contents

List of Figures

List of Tables

List of Acronyms

i.e.	In Other Words
e.g.	For Example
etc.	Et Cetera

Chapter 1

Introduction

1.1 Section 1

Your section content...

You can start your citation here, for example, "in the book [1]

1.1.1 Sub-section 1

Your sub-section content...

Example of one figure in one line (Fig. 1.1)

Example of two figures in one line (Fig. 1.2)
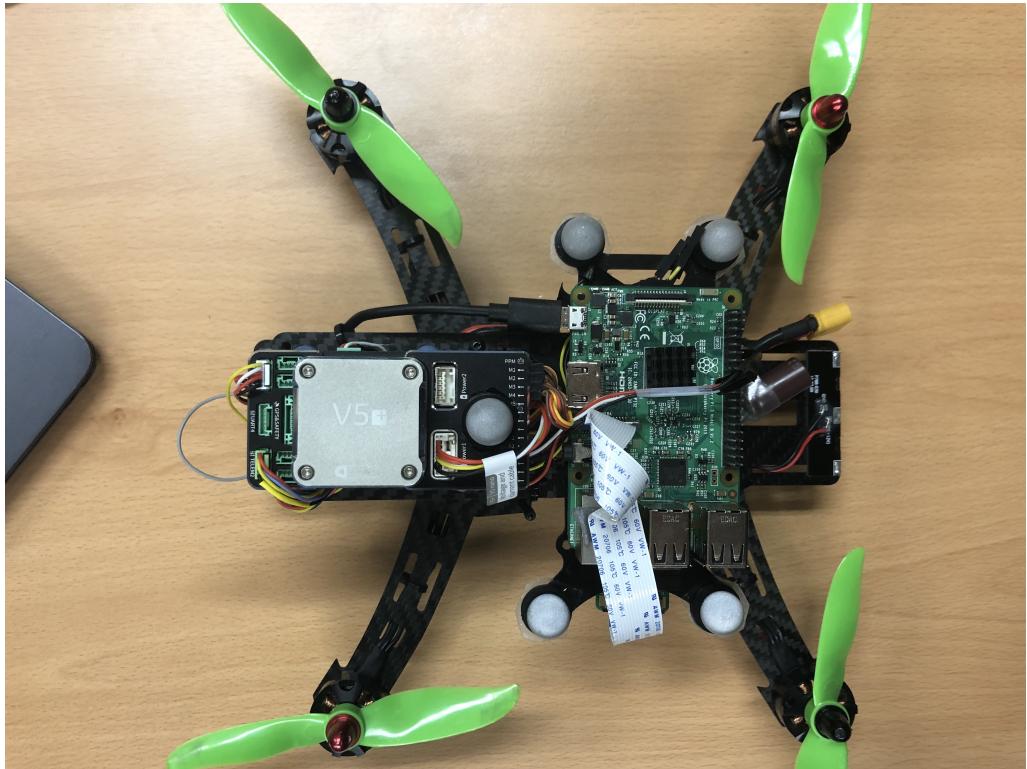
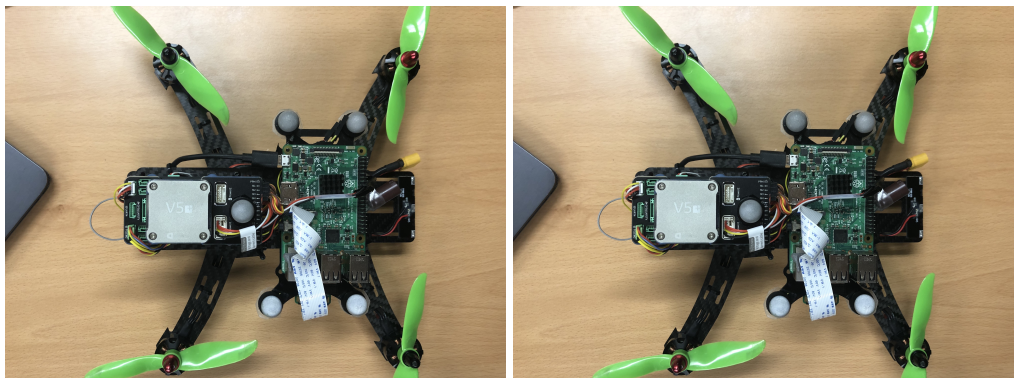Example of Table 1.1 [2]

FIGURE 1.1: caption

FIGURE 1.2: caption

	Measurement	Drawbacks
IMU	Linear Accelerations, Angular velocities.	Biased and noisy measurements, Large uncertain for slow motions.
GNSS	Absolute position (outdoor).	Unreliable in indoor and urban environments.
Magnetic Sensor	Earth's magnetic field direction.	Disturbed by electronic devices nearby.
Barometric	Absolute altitude.	Not reliable indoor, Affected by weather conditions.
Camera	Inertial measurement, Visual information.	Ambiguity, calibration, Affected by light conditions.
Laser	Distance to objects	Heavy and expensive, 2D information.

TABLE 1.1: Properties of some sensors that are commonly used for estimation task in the literature.

Bibliography

[1] D. Titterton, J. L. Weston, and J. Weston, *Strapdown inertial navigation technology*. IET, 2004, vol. 17.

[2] L. Zhou, S. Wang, and M. Kaess, "π-lsam: Lidar smoothing and mapping with planes," in *2021 IEEE International Conference on Robotics and Automation (ICRA)*. IEEE, 2021, pp. 5751–5757.

Appendix A

First Appendix Title

Your Appendix content

국문초록

다양한 이동 측정치를 활용한 다중 상태 제약 칼만필터
기반 영상관성 융합 항법 시스템

세종대학교 일반대학원

소프트웨어학과

지능형드론 융합전공

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키워드: Your keyword in Korean.

Acknowledgement

Your acknowledgements.