Autonomous Flight of Micro Air Vehicles 2015 - Group 6

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Abstract

This should be done at the end

1 Introduction

1. Overall introduction of the project

2. Equipment - Opti-track, AR.Drone 2.0

3. Software - Paparazzi

2 Method

2.1 Vision algorithm

1. Methods in the literature

2. Our own method, and the reasons for the choice.

2.2 Flight plan

1. Seong's Flight Plan

2. Peng's Flight Plan

3. Comparison and discussion

3 Simulation

3.1 Linear Simulation

Yazdi's method and results

3.2 MATLAB & Paparazzi Simulation

Seong's method and results

4 Competition Results

5 Discussion & Conclusion

References

Appendix A: Data

Appendix B: More data

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