Stabilization of a Quadcopter

Alejandro YYYYYYY
Department of electronic systems
Control and Automation
Aalborg University
Email: XXXXXXXXX

Amalie YYYYYYY
Department of electronic systems
Control and Automation
Aalborg University
Email: XXXXXXX

Andrea YYYYYYY
Department of electronic systems
Control and Automation
Aalborg University
Email: XXXXXXX

Niels YYYYYYY
Department of electronic systems
Control and Automation
Aalborg University
Email: XXXXXXX

Noelia YYYYYYY
Department of electronic systems
Control and Automation
Aalborg University
Email: XXXXXXX

***Abstract*—Abstract goes here.**

I. Introduction

- Present topic - uses of drones in reality context, chosen because it is a control challenge, rather than evaluational
- Previous Approaches - examples of what others have done to obtain similar goals of stabilization like we pursue. What have others done differently than we plan to do to obtain the same end result.
- Describe our approach shortly
- Structure of the paper. What comes in what order, and what the reader can expect to be presented with

A. HEADLINE: Stabalization of quadrotor using wireless sensor input

Make some fancy up (before we send to Anders)

II. Method

- Model - Drawing, equations, linear equations
- Controller - Diagram of controller
- Angle controller - include observer, linear controller
- Network effect on the system - Specify after consulting with Henrik S

III. Results

Simulation vs. reality
Design a setup that allows a nice measurement of reality - yet to be done
Comment on the results, without discussion the reasons or what to improve

IV. Discussion

Discussion of results, describe possible solutions to 'bumps' if any

V. Conclusion

Summary - what do we want the reader to remember?

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