Stabilization of a Quadcopter

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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

II. METHOD

- Model - Drawing, equations, linear equations
- Controller - Diagram of controller
- Angle controller - include observer, linear controller
- Network effect on the system - Analysis of delay in the system.

III. RESULTS

Simulation vs. reality
Design a setup that allows a nice measurement of reality - yet to be done
Comment on the results and how that correlates with reality, without discussing possible issues or improvements.

IV. DISCUSSION

Discussing possible issues or improvements of the above results.

V. CONCLUSION

Summary - what we want the reader to remember.

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