



Design and Control of a Bicopter MAV

Jonathan Burkhard

Supervisors: Dr. Zachary Taylor, Karen Bodie and Prof. Dr. R. Siegwart

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What are the next step ?

Questions

From the literature

- Read some papers
- Read some websites on "Do it yourself"
- Read some slides from lecture of Robots dynamics

Design of the Bicopter

The goal of the design is to

- be simple
- use existing part

Few numbers :

- Tilting motor has 60 RPM and is increased with gearings to 120 RPM
- Slip-ring with 3 wires
- Battery life upper than 5 minutes

What are the next step ?

- To finish to build it
- To draw it on GAZEBO
- To write the system for control
- Bonus : test it in a real flight ?

Questions ?

What are the next step ?

Thank you for this project !