

Studien-/Diplomarbeit

Development of a control strategy for hybrid fully- and underactuated operation of a hexacopter



Fully actuated multicopters distinguish themselves by their capability to generate forces in arbitrary directions. Whereas underactuated multicopters have a higher energy efficiency, but are limited with regard to generate arbitrary forces.

The aim of this work is to develop a control strategy for a fully actuated hexacopter that combines the concepts of fully- and underactuated control.

Start: immediately

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