Balancing a Monowheel with a PID controller



Finished prototype seen from the side. The balancing improved the average time the wheel was balanced with 17%.



Inside of the monowheel with electronics. Components used were DC- and Stepper motors and an accelerometer.



Exploded view of CAD model for the monowheel.

Fritiof Andersen Ekvall, fritiofe@kth.se Nils Winnerholt, nilswin@kth.se



KTH Industriell teknik och management