FS-LQR Robust - Hub angle wrt DC gearmotor Integrator state weight: 1 70 60 50  $heta_{hub}(t)[deg]$ 40 20  $\theta(t)$  Nominal Sim  $\theta(t)$  Black Box 10  $\theta(t)$  Real Lab Reference 0 10 6 8 t [s]