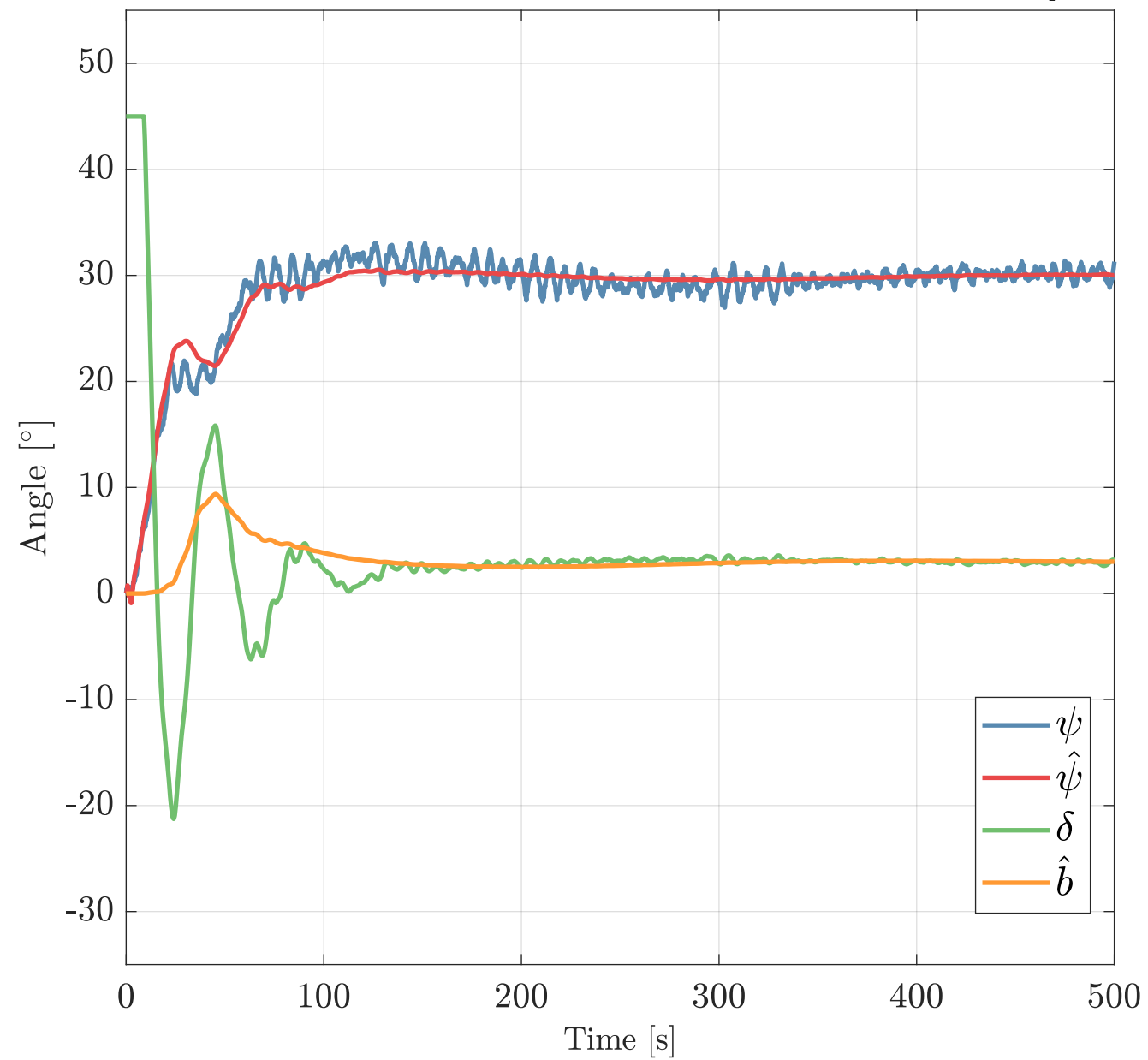


Heading with Kalman filter with $\hat{\psi}$ as feedback to controller. $K_{pd} = 0.707$



Heading with Kalman filter with $\hat{\psi}$ as feedback to controller. $K_{pd} = 0.8406$

