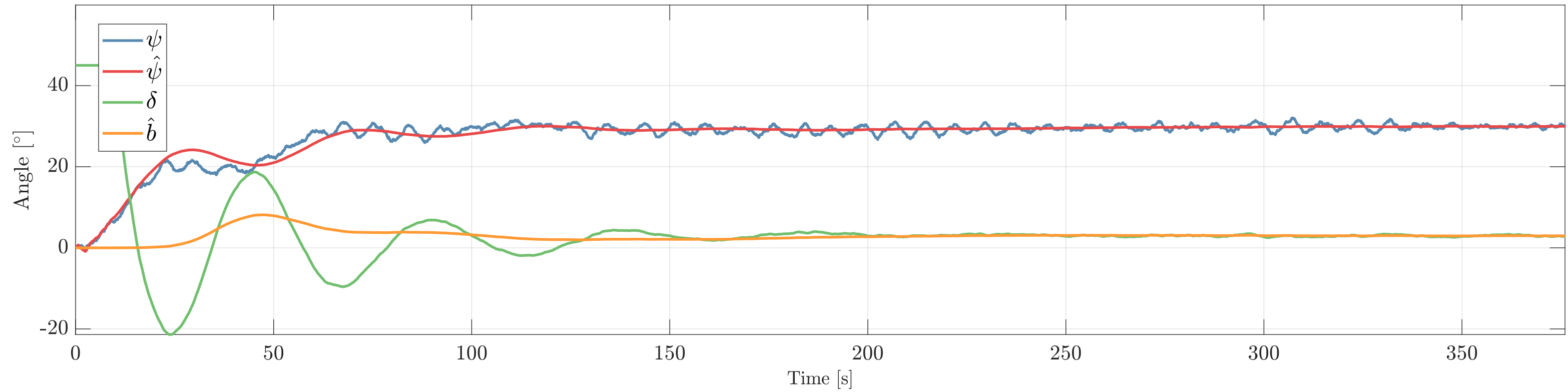


Heading with Kalman filter with  $\hat{\psi}$  as feedback to controller.  $\mathbf{Q}' = 100\mathbf{Q}$



Measured wave influence vs estimated wave influence.  $\mathbf{Q}' = 100\mathbf{Q}$

