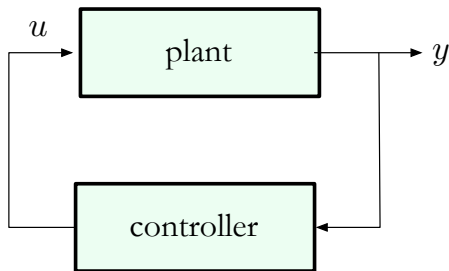


Is Full State Feedback Always Available?

In a typical system, measurements are provided by sensors:



Full state feedback $u = -Kx$ is *not implementable!!*

In that case, an **observer** is used to **estimate** the state x :

