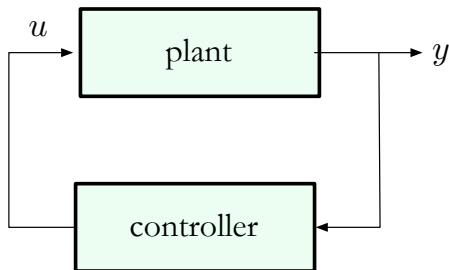


## Is Full State Feedback Always Available?

In a typical system, measurements are provided by sensors:



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