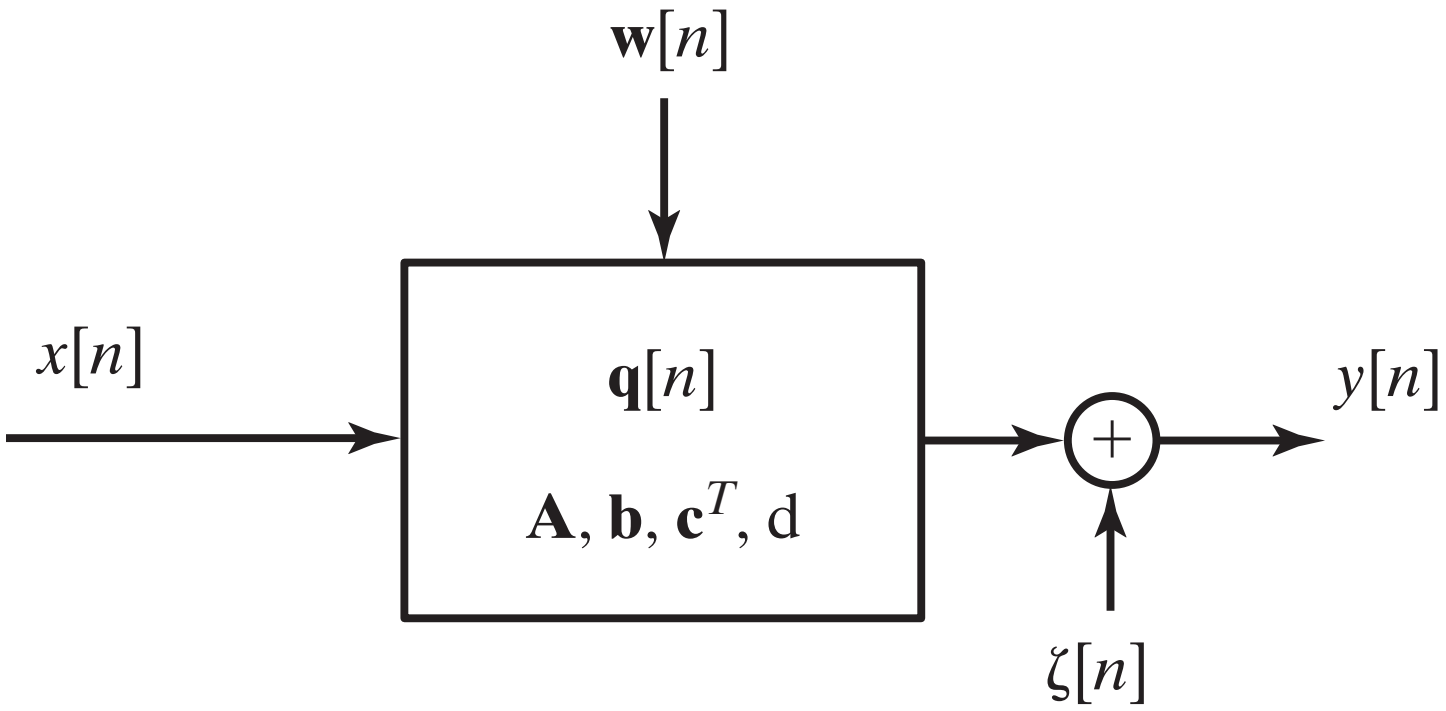
State feedback, observer-based feedback

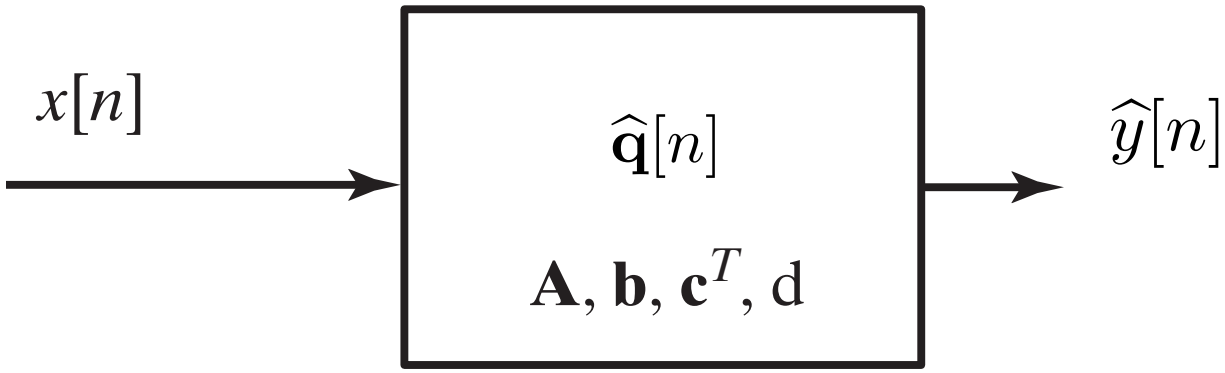
6.011, Spring 2018

Lec 11

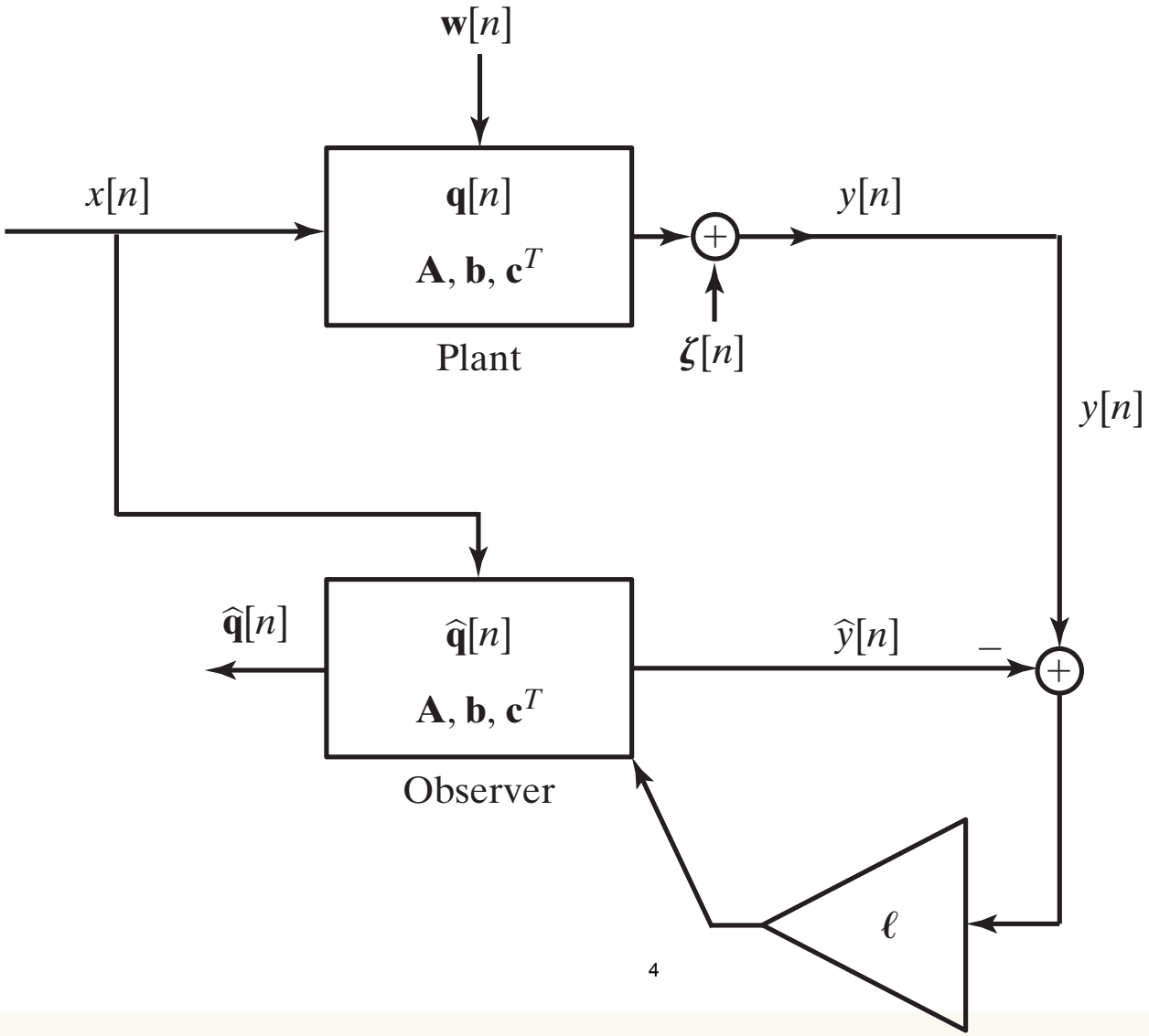
System ("plant")



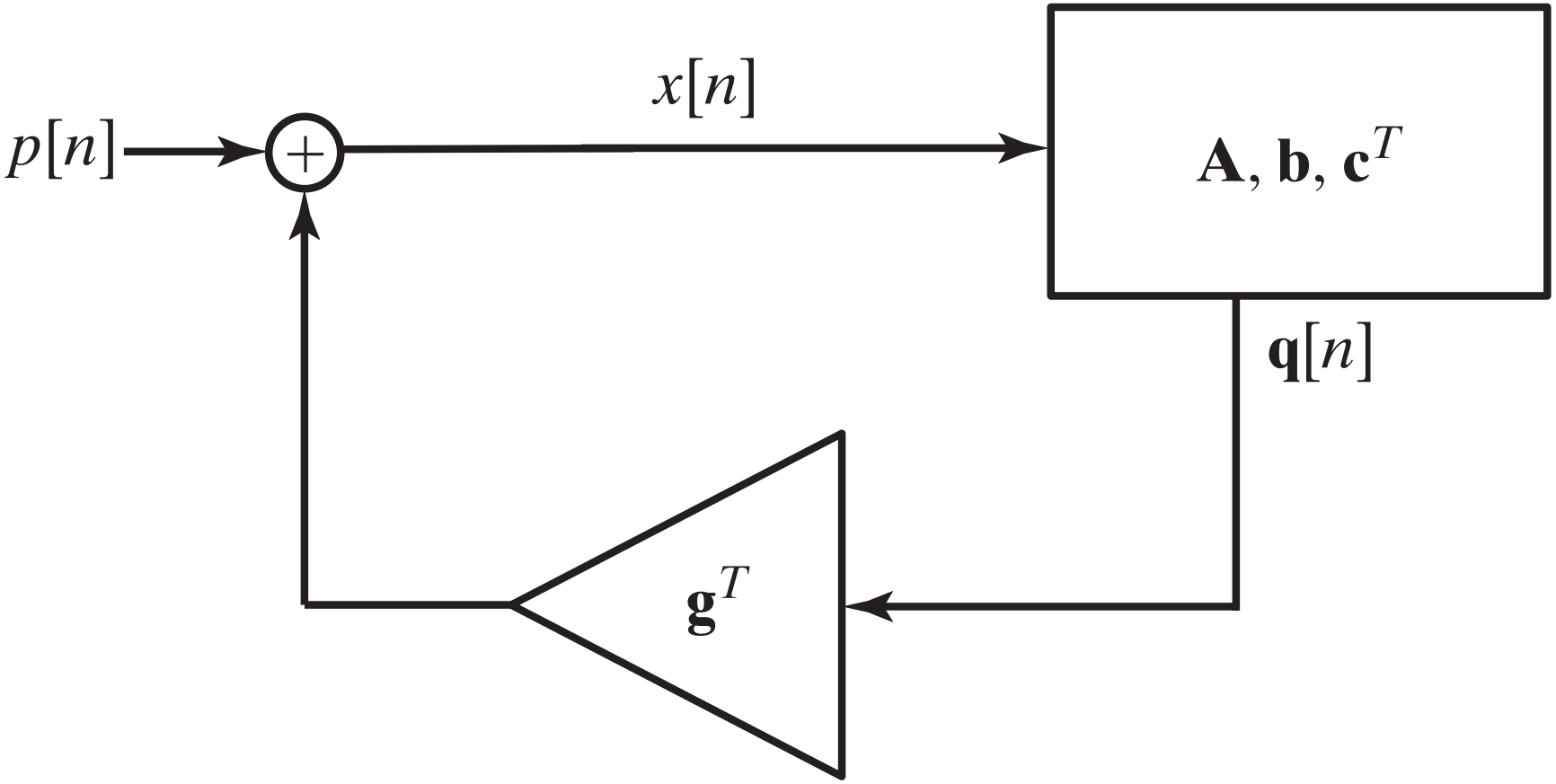
A good model



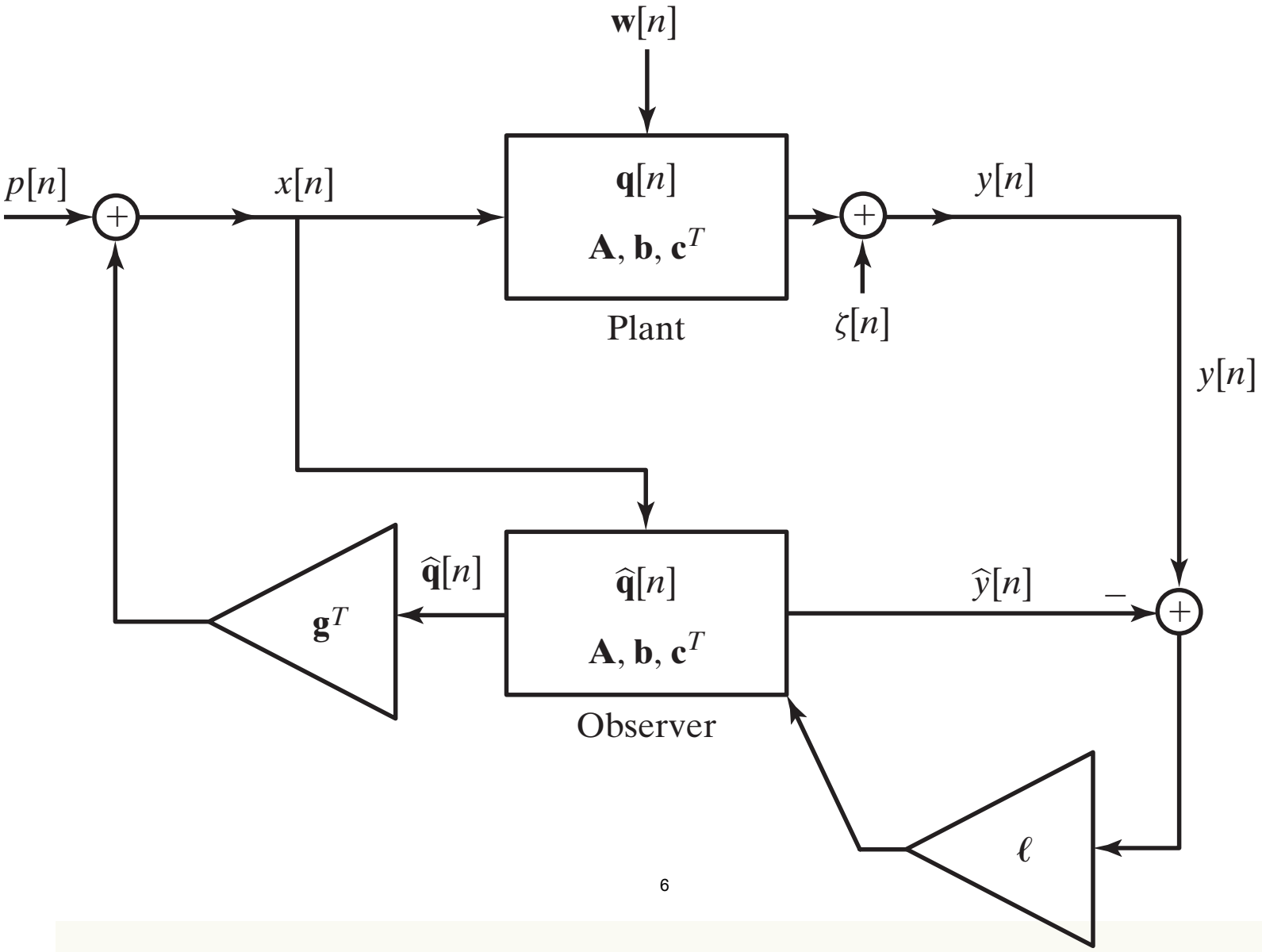
Observer configuration



State feedback

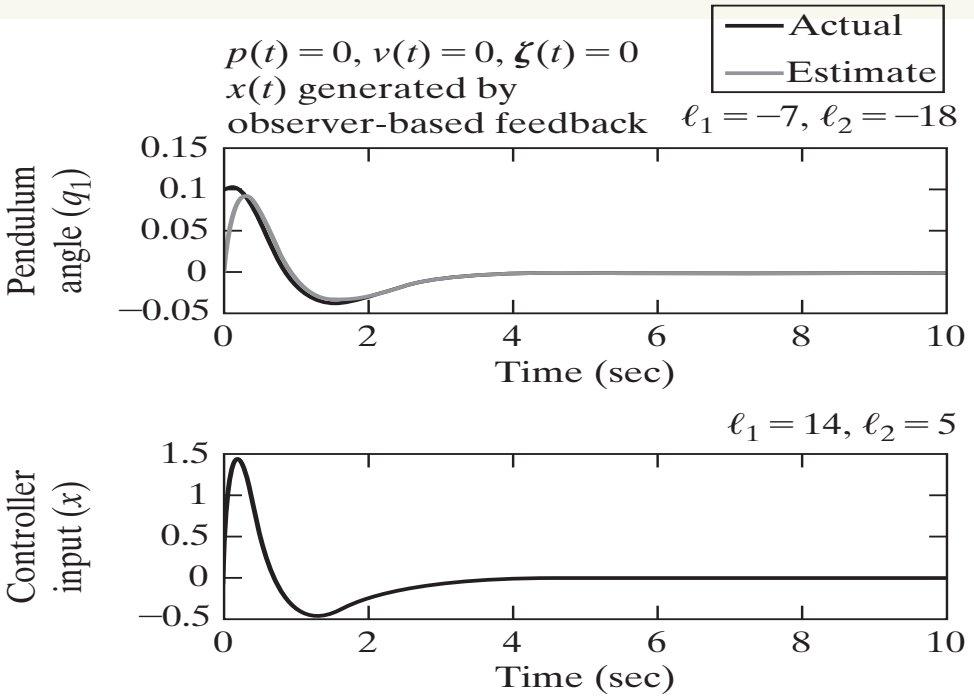


Observer-based controller

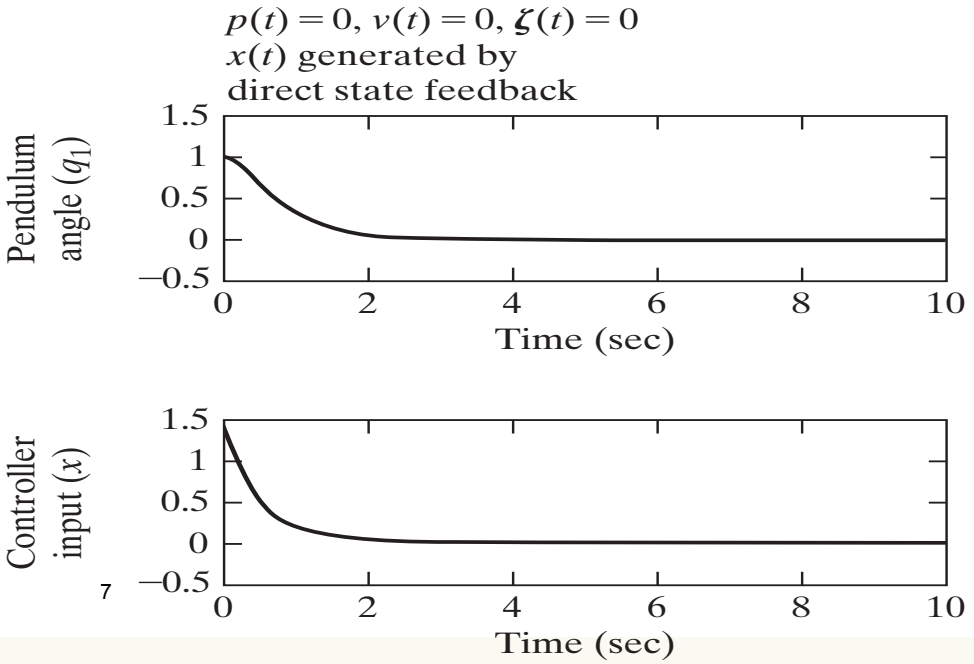


Control of inverted Pendulum

Observer-based controller:



State feedback control:



MIT OpenCourseWare
https://ocw.mit.edu

6.011 Signals, Systems and Inference
Spring 2018

For information about citing these materials or our Terms of Use, visit: https://ocw.mit.edu/terms.