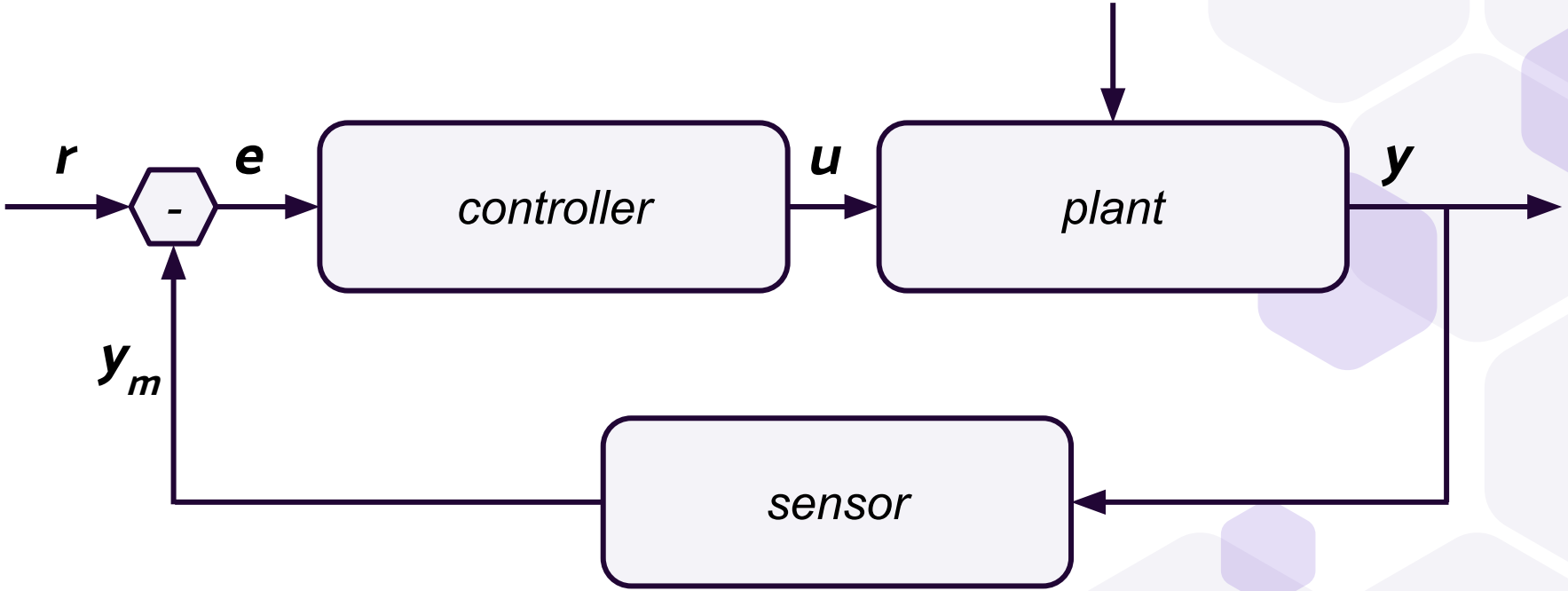
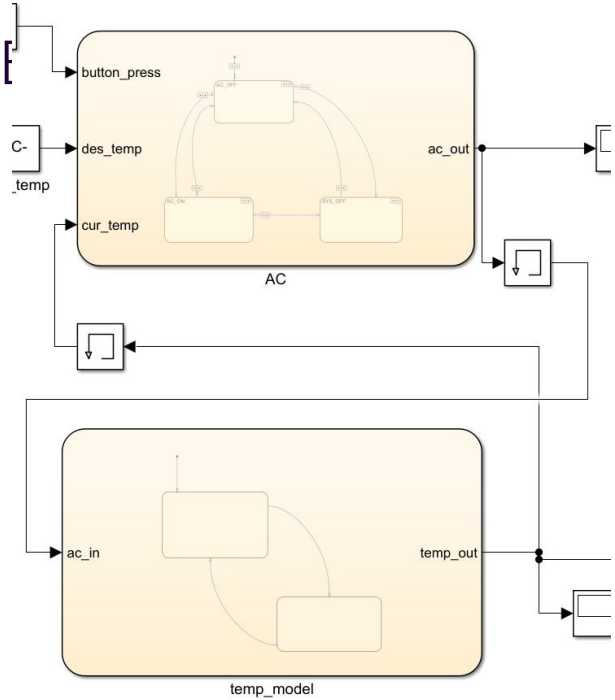
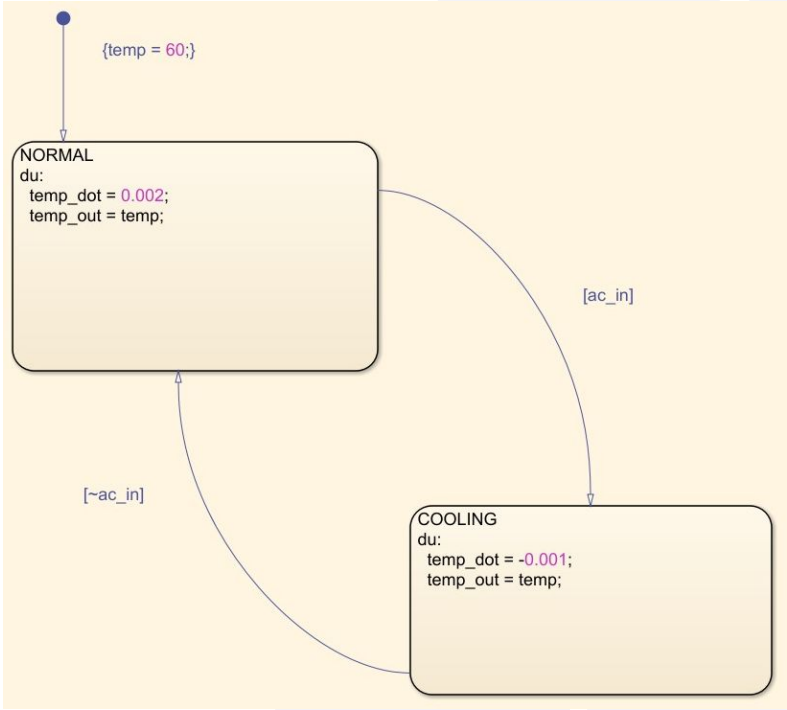
Modeling systems w/ feedback in simulink

Feedback loops and control



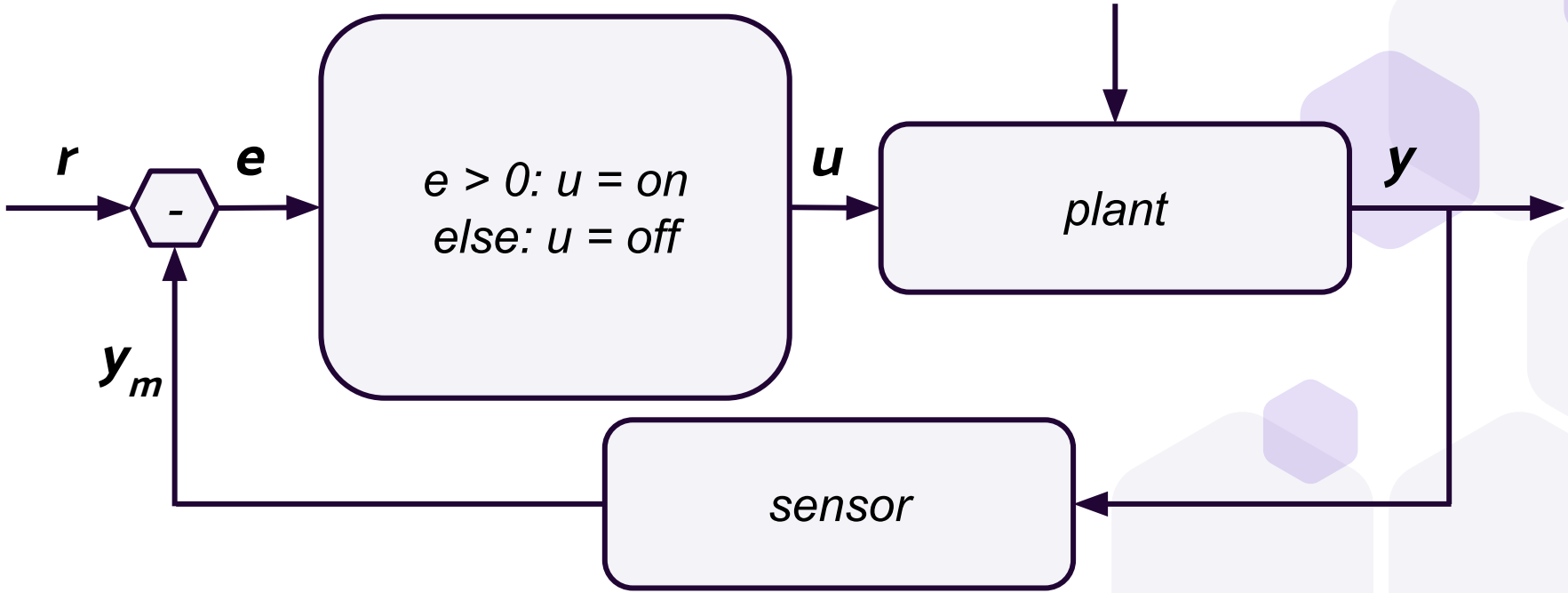
Air conditioner temperature model





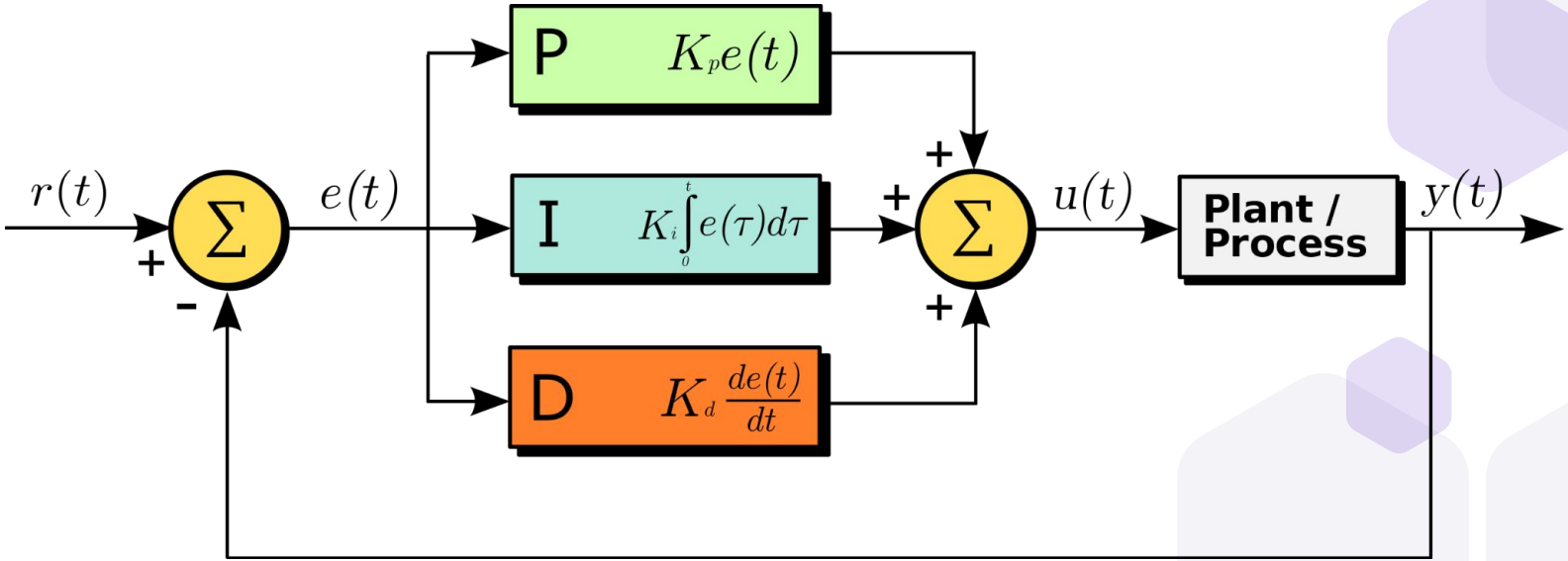
Bang-Bang controller

Controller output is 2-state ({on, off}, {up, down}, etc)



PID controller

For continuous controller outputs



Board and simulink discussion of PID