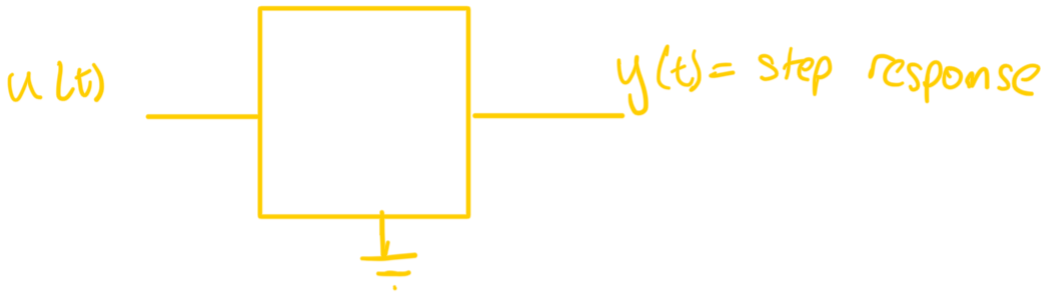
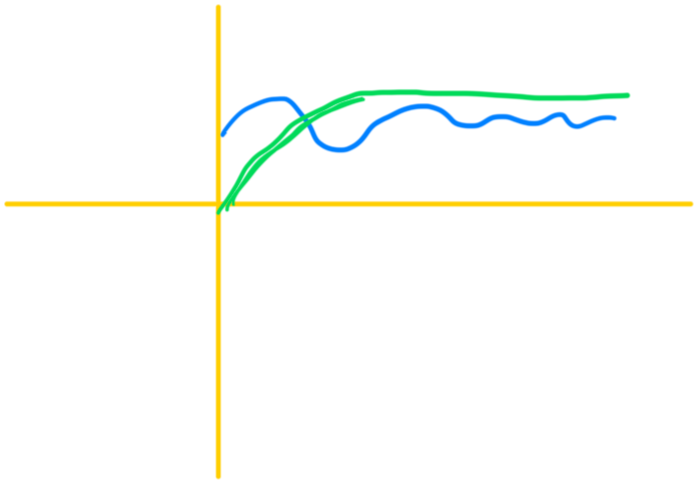
8/29 Response:

$x(t) = u(t)$



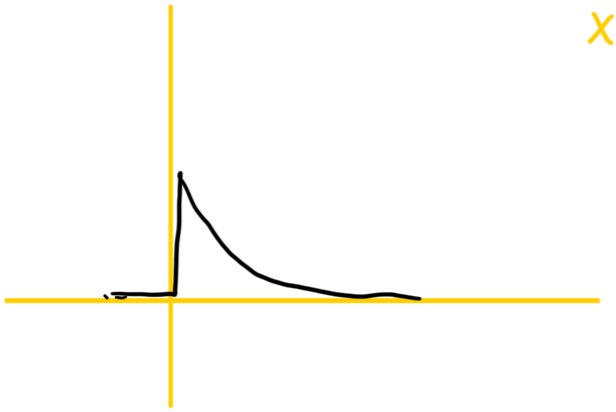
$y(t)$:

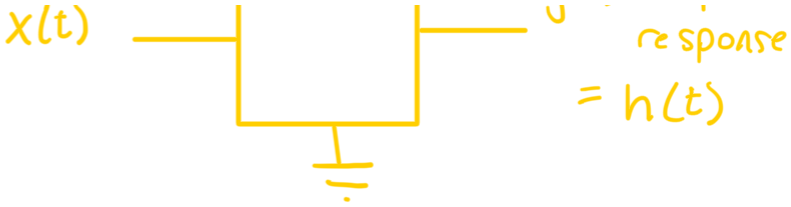


Impulse Response:

$x(t) = \delta(t)$

system:





$x'(t) = y'(t)$ b/c linear system

since $\delta(t) = \frac{d}{dt} u(t)$ measure step response

then numerically derivatinate $u(t)$