

CT LTI Sys.

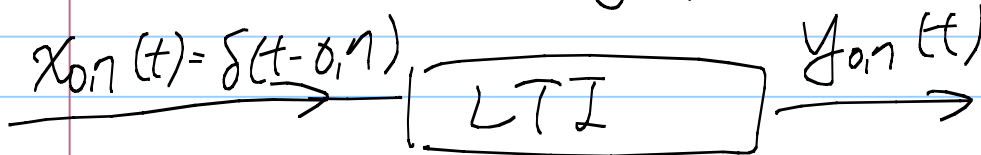
The test signals are

Recall

Again we use $h(t)$ to denote $y_0(t)$,
the output when the input is $\delta(t)$.

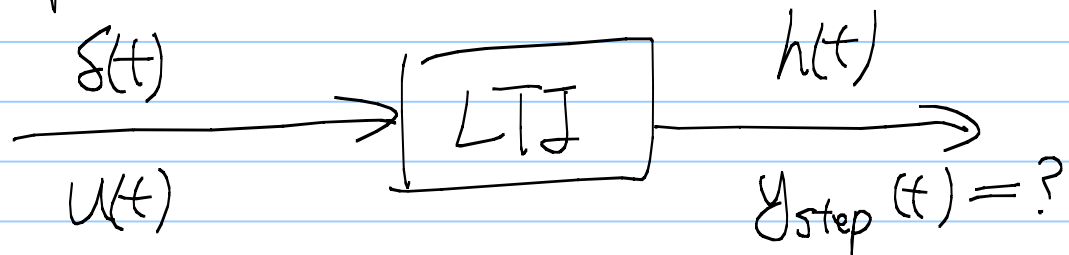
* $h(t)$ is thus termed the

* Q: How about $y_{0.7}(t)$?



* P.059
Another example: Compute the step response.

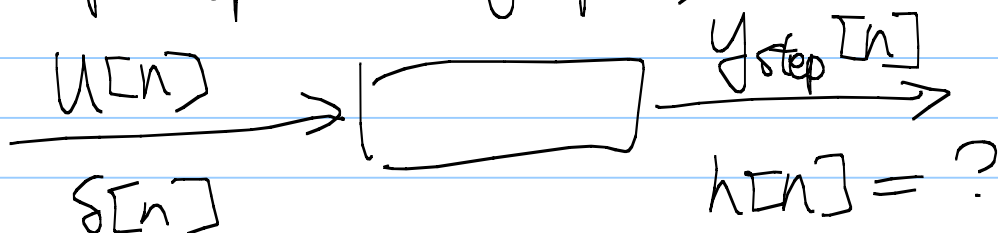
Q: For a given LTI system with impulse response $h(t)$



Find out the step response $y_{\text{step}}(t)$.

Ans:

Q: For a given LTI system with step response $y_{\text{step}}[n]$



Find out the impulse response.

Ans: