

EE351 Homework 5

- 1) Fig.1 shows the input $x(t)$ and the impulse response $h(t)$ for an LTI system. Let the output be $y(t)$, find $y(0)$, $y(1)$, $y(2)$, $y(3)$, $y(-1)$, $y(-2)$.

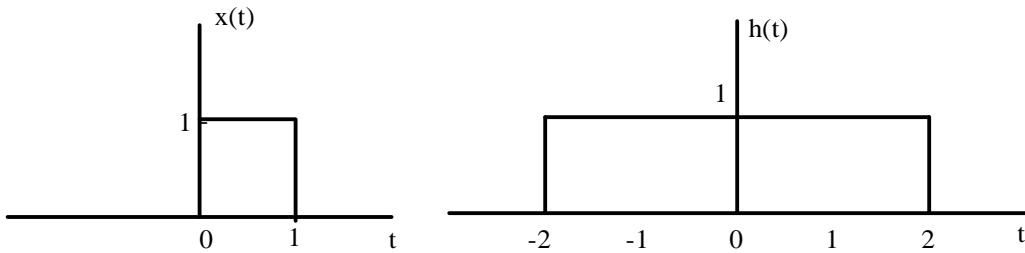


Fig.1

	$y(-2)$	$y(-1)$	$y(0)$	$y(1)$	$y(2)$	$y(3)$
Value						

- 2) Fig.2 shows the input $x(t)$ and the impulse response $h(t)$ for an LTI system. Let the output be $y(t)$, find $y(0)$, $y(1)$, $y(2)$, $y(3)$, $y(-1)$, $y(-2)$.

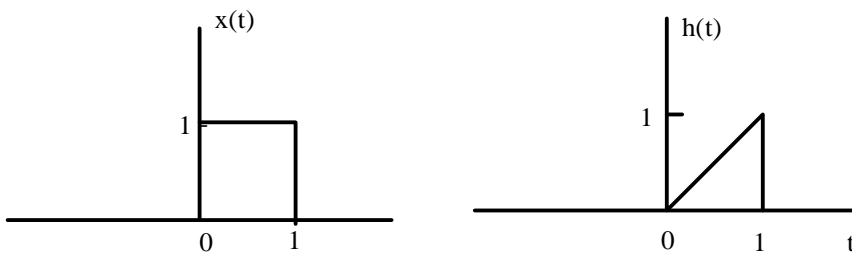


Fig.2

	$y(-2)$	$y(-1)$	$y(0)$	$y(1)$	$y(2)$	$y(3)$
Value						