Properties of LTT Eyelems)

Memoryless -> h(t) = K 2(t)	h[n]=K&[n]
Inv $\rightarrow h_1(t) \otimes h_2(t) = \beta(t)$	h,[n] @ hz[n] = &[n]
Causal $\rightarrow h(t) = 0$ $t \le 0$	h[n] =0 n40
Stable > h(t) dt < x	$\sum_{n=-\infty}^{\infty} h(h) \left\langle \infty \right $

$$x(t) \longrightarrow y(t)$$

$$y(t) = x(t - t_0) \qquad |T| T$$

$$(heck stability using |T| Properties$$

$$h(t) = 2(t - t_0) \qquad 2(t) \longrightarrow h(t)$$

$$x(t) \longrightarrow h(t) \implies x(t - t_0) = 1 < \infty$$

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