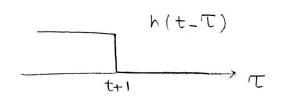
$$\frac{h(-\tau+t)}{t-y} = \begin{cases} h(\tau), h(t-\tau) d\tau \end{cases}$$

$$= \begin{pmatrix} 1 & -1 & -1 & -1 \\ 1 & -1 & -1 & -1 \end{pmatrix} dT$$

$$\bigcirc \ \ t < - \rightarrow y(t) = 0$$

$$0 t < 0 \rightarrow y(t) = 0 \quad (2) 0 < t < 4 \rightarrow y(t) = \begin{bmatrix} t \\ 1 \ \text{ot} = T \end{bmatrix}^{t} = t$$

3 
$$- \frac{1}{3} + \frac{1}{3} + \frac{1}{3} = \frac{1}{3} =$$



$$t+1 < 1 \longrightarrow y(t) = 0 \qquad (2) \quad t+1 > 1 \longrightarrow t> 0 \longrightarrow y(t) = \int_{-1}^{t+1} e^{-(T-1)} dT = t < 0$$

$$\alpha = \nabla - 1 \longrightarrow \partial \alpha = \partial \nabla$$

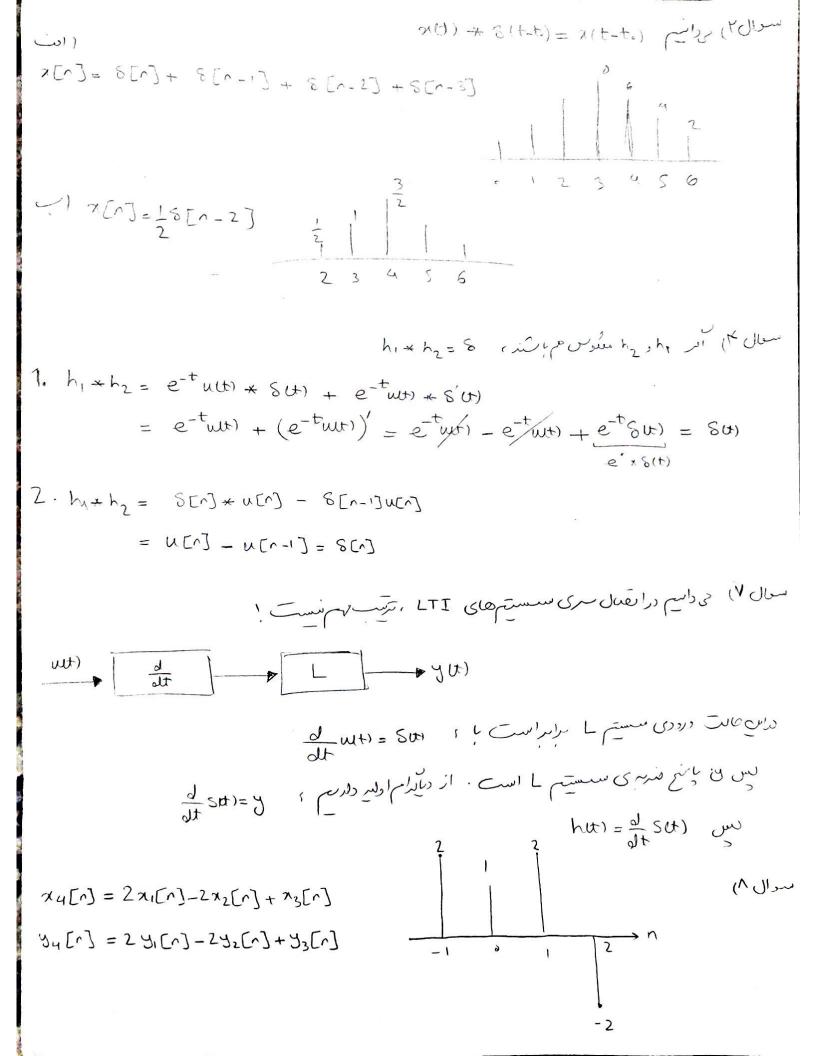
$$\nabla = 1 \longrightarrow \alpha = 0$$

$$T=t+1 \rightarrow \alpha=t$$

$$\Rightarrow y(t) = \int_{0}^{t} e^{-\alpha} d\alpha = -e^{-\alpha} \Big|_{0}^{t}$$

$$= -e^{-t} - (-1)$$

$$= 1 - e^{-t}$$



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$$\int_{-\infty}^{+\infty} \left| e^{-8t} \text{ u.t.}_{3} \right| dt = \int_{8}^{+\infty} \left| e^{-8t} \text{ dt}_{3} \right| = \int_{8}^{+\infty} \left| e^{-8t} \text{$$

$$= -te^{-t} \Big|_{+\infty}^{+\infty} + \Big|_{e^{-t}}^{+\infty} dt = -e^{-t} \Big|_{+\infty}^{+\infty} = 1 = \sum_{i=1}^{\infty} -1 /|w_i|_{e^{-t}}^{+\infty}$$

Subject.

$$\sum_{k=-\infty}^{\infty} \left| \frac{3}{3} n(-3-n) \right| = \sum_{k=-\infty}^{-3} n -3 -4 -5$$

$$k = -\infty$$

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$$= \frac{3^{-3}}{1 - \frac{1}{3}} = \frac{\frac{1}{27}}{\frac{2}{3}} = \frac{1}{18} \times \infty \qquad \boxed{-1/2}$$

$$(1) = \int_{-\infty}^{+\infty} \left| e^{-5t} \right| dt = \int_{-\infty}^{+\infty} e^{-5t} dt$$

$$=\frac{-e}{5}\int_{-\infty}^{\infty}+\frac{e}{5}\int_{-\infty}^{\infty}+\infty+\infty+\infty$$

Date

$$\int_{-\infty}^{\infty} \int_{-\infty}^{\infty} \int_{-\infty}^{\infty$$