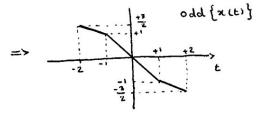
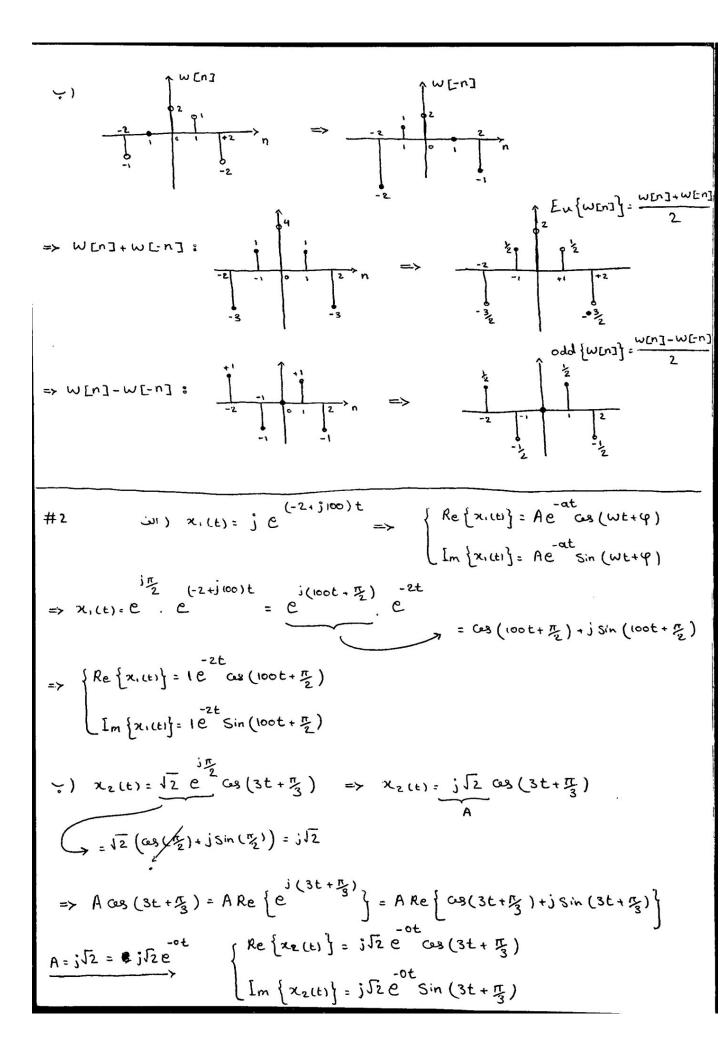
$$X(t) = \begin{cases} -x; & -1 < x < 2 \\ 1; & -2 < x < -1 \end{cases} \Rightarrow \frac{x(-t)}{-2} t$$

$$\Rightarrow x(t) + x(-t) = \begin{cases} 0 & \text{if } 0 < x < 1 \\ 1 - x & \text{if } 1 < x < 2 \\ 0 & \text{if } 1 < x < 2 \end{cases} \Rightarrow \underbrace{E_{\nu} \left\{ x(t) \right\}}_{\nu} = \underbrace{\frac{x(t) + x(-t)}{2}}_{2} = \begin{cases} 0 & \text{if } 0 < x < 1 \\ \frac{1 - x}{2} & \text{if } 1 < x < 2 \\ 0 & \text{if } 1 < x < 2 \end{cases}$$

$$\Rightarrow \frac{-2}{2} \xrightarrow{-1} \frac{1}{2}$$

$$\Rightarrow x(t) - x(-t) = \begin{cases} -2x ; o(x(1)) \\ -x - 1 ; 1(x(2)) \\ -2x ; -1(x(0)) \\ 1 - x ; -2(x(1)) \end{cases} \Rightarrow odd \{x(t)\} = \frac{x(t) - x(-t)}{2} = \begin{cases} -x ; o(x(1)) \\ -x - 1 ; 1(x(2)) \\ -x ; -1(x(0)) \\ \frac{1 - x}{2} ; -2(x(1)) \end{cases}$$





(E):
$$\begin{cases} \text{if } t > 0 \implies Sin(4\pi t) \\ \text{if } t < 0 \implies 0 \end{cases}$$

$$\text{(II): } \begin{cases} \text{if } t < 0 \implies 0 \\ \text{if } t > 0 \implies 0 \end{cases}$$

