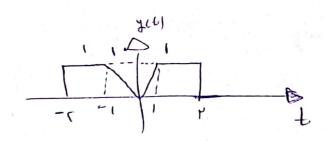
$$V = \sum_{k=1}^{\infty} \sum_{k=1}^{\infty}$$

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C)
$$\chi(t) + \chi(-t) = \chi(t) \Rightarrow \chi(t) = \chi(t)$$



1)
$$y(t) = x(t^{\ell}) \implies y(\ell) = x(\xi) \implies \text{or ing}$$
(b) $y(t) = x(\sin t) \implies y(-\frac{\pi}{2}) = x(-1) \implies y(-\frac{\pi}{2}) = x(-1)$
. The opening $x(t) = x(t) = x(t)$

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F)
$$4 \text{ m} = x(-n) \text{ u}(n)$$
 $\begin{cases}
3 \text{ f}(-1) = x(1) \text{ u}(-1) = 0 \\
4 \text{ f}(n) = 0 \text{ if } n < 0 \Rightarrow y(n) = x(-n) \text{ if } n > 0
\end{cases}$
 $\begin{cases}
4 \text{ f}(n) = 0 \text{ if } n < 0 \Rightarrow y(n) = x(-n) \text{ if } n > 0
\end{cases}$
 $\begin{cases}
4 \text{ f}(n) = 0 \text{ if } n < 0 \Rightarrow y(n) = x(-n) \text{ if } n > 0
\end{cases}$

$$\begin{cases}
x(t) = \begin{cases}
x(t-1) & t > 0 \\
x(t-1) & t > 0
\end{cases}$$
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x(t) = \begin{cases}
x(t-t-1) & t > 0 \\
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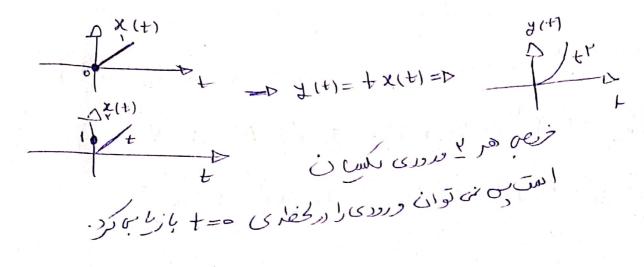
$$\begin{cases}
x(t-t-1) & t > 0 \\
x(t-t-1) & t > 0
\end{cases}$$

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x(t-t-1) & t > 0 \\
x(t-t-1) & t > 0
\end{cases}$$



1) g(+)=] + x(z) g I * x(t) = 1 $- Dy(t) = \int_{-\infty}^{t} 1 d\tau = \tau \int_{-\infty}^{t} - \nabla \infty$ برزای ورودی معرور م جوجی میکنداست. طرح ا (7) $\exists (\pm 1) = \begin{cases} t \times (\pm 1) & t < \gamma \end{cases}$ |x(t)| < M = |x(t)| = |x(t)| + < |x(t)|برود کا خوص بر سبت می میل می ند. نعنی برازای مید محرور ، موجه به کران مهلور کی نا کابوار ایک . r) y(t)=t x(t)

اله تا الدر است. برزای ورودی کران درر، زمعی

$$\frac{1}{2} \frac{1}{2} \frac{1$$

1)
$$X(sint) \Rightarrow \exists (t) = x(sint)$$
 (f

 $\forall x(t) \Rightarrow \exists (t) = q \times (sin(t)) \Rightarrow \forall (sin(t)) \Rightarrow ($

