ورای سرمان ا rilble XIW) & XIJW) 22[tlan F2lw) axett + bazet) A FF Catilw/ + b Azilw/ $x(t) = a x(t) + b x(t) \implies x(y)w = \int_{-\infty}^{\infty} x(t) e^{-t} dt = \int_{-\infty}^{\infty} (ax(t) + bx(t)) e^{-t} dt$ $t_{1}[w]=\int_{-\infty}^{\infty} \chi(t_{1})e^{-jwt_{0}} dt_{1} = e^{-jwt_{0}} dt_{1} = e^{-jwt_{0}} dt_{1} = e^{-jwt_{0}}$ X/W)

f(t) = 8(t) + 9 = 1 $\Rightarrow |x| |t| = 8(t-4) + |x| = |x|$ $\Rightarrow |x| |t| = 8(t-4) + |x| = |x|$ $\Rightarrow |x| |t| = 8(t-4) + |x| = |x|$ -3/t-2) while Rull= e uut-2) : Objected Into W e x(t). A X/W-Wo/ Till $\int_{\infty}^{\infty} x_i t t = \int_{\infty}^{\infty} x_i t t =$

$$2tt) = e^{2t} e^{-4|t|}$$

$$|e^{2t}| = e^{2t} e^{-4|t|}$$

$$|e^{2t}|$$

: (CN/N) CEN 5-16-0 sfit/En Flw) F(W) (- 5 217 f1-W) e unt) conditions of the desired of $\frac{1}{2\pi} \left\{ \frac{8 \text{ lt/c-1}}{1 - 2\pi} \right\} = 2\pi 8 \text{ lw}$ gende flations (jew) Flw) (flt16-) J-LW) =) dette = [JwFlw]e Jw - ----

(.flt) = Flw)

-jtflt) c drlw)

=wl= J ful = J drlw) = J - jtfltle dt

-w : Séciol de -V : Stop - 1 yet) = xet) & het) E y(w) = X(w). H(w) istisser yet)= I nierhet-erde = I xit- r)hiarde -istishari $2(4) * 8(4) = \int_{0}^{\infty} n(4) 8(4-4) d4 = \int_{0}^{\infty} n(4) 8(4-4) d4$ $= 2(4) \left[2(4) \left$ = 21+1 Jati-~1 dr = 2016/

$$2 \text{ th} * 8 \text{ th} - a \text{ } = ? \quad \text{othing } r = t - a$$

$$\text{xith } * 8 \text{ th} - a \text{ } = \int_{-\infty}^{\infty} x(\tau) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a - \tau \text{ } d\tau = \int_{-\infty}^{\infty} x(t - a) 8 \text{ th} - a$$

intrologies and fulsion on happing on significations. -2t -3t yu-1= e →e =? =) $y(jw) = H(w). \chi(w) = \frac{1}{(z+j'w)(3+jw)} = \frac{A}{jw+2} + \frac{B}{jw+3}$ 2+jlu
-3t
e

-3t

-3t

-3tjw : epres colon for is Bo A ni - rt - 3t -) yu) = e mut) - e mut) $\chi(g'u) = \frac{1}{gw+2} - \frac{1}{gw+3}$ (ogwir nut) # Stt) ishibyeb - df2

· Co, ipp Ordning - 9

 $yu=\int_{-\infty}^{\infty} xu(x)dx \longrightarrow yuu=\frac{x(w)}{iw} + iT x(0) 8(w)$

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Jul = 2/11/2021 = 5 [X/w] x X2/w]

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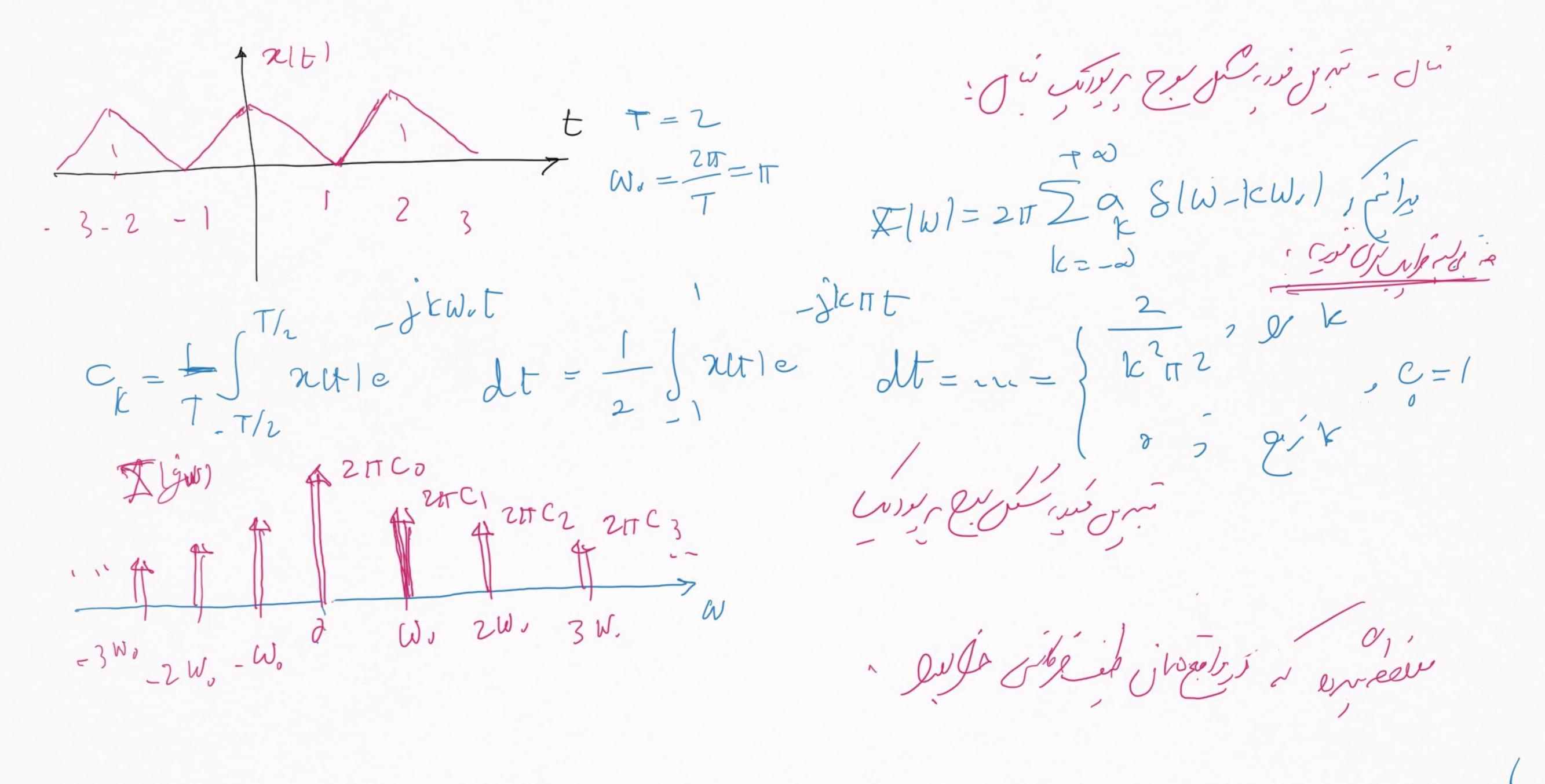
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سري في م رئيس وريس . بينو يان روير د ١٠٠٠ راي رويد ر بين رايايد ر بيري المرك نيد ما يوايد على وايم ريد د . Et sur kun est, broken فعمراس 8tb) (---) 1 1 6 200 8 CW) Sw, t with or in the surveyor Strin 18 hift e A DZH SIW-KW,)
e A DZH SIW-KW,) od Ck Nordans som igle snig +KW, 160000 CRE 21TCK81W-KW,)



 $\int_{0}^{\infty} |x|^{2} dt = \int_{0}^{\infty} e^{-t} dt = \infty$ reil Begert Chief ist et det rieger