



DATE:

SUBJECT:

X(t) -t, find E&P XA)

E = lim | X2(t) dt

T > 00 - 7

= lim T X(H) dt

= lim \$ \frac{1}{2} \dt = \lim \frac{1}{3} \rightarrow = \lin \frac{1}{3} = \lin \frac{1}

 $=\lim_{t\to\infty}\frac{1}{2\tau}\cdot E=\lim_{t\to\infty}\frac{1}{2\tau}\left(\frac{2\tau^3}{3}\right)=\lim_{t\to\infty}\frac{\tau^2}{3}$ 

= (W) W

Neither energy nor Power, it has no name

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SUBJECT: DATE: X(t) = Cos(211t) Cos (4174) do SUBJECT: -

Print +

$$=\frac{1}{2}+\frac{0+0+0+0}{4(\infty)}$$

Zero

area = 0

Eo X(t)= cos(-) is a Power seigner

infinik E = \frac{1}{2} \omega

Finite

Any Periodic Eignals are always Power Eignal

infinite E Finite P

tricks')

Power is one period as it repeats itself