$$\frac{3^{2} = (\frac{1}{2})^{2} \{ u[n] \}^{2}}{u[n]}$$

$$(d) \{ \lambda, [n] \}^{2} = (\frac{1}{2})^{2} \{ \mu[n] \}^{2}$$

$$(E_{\infty} = \lim_{n \to \infty} \sum_{j=0}^{\infty} (\frac{1}{2})^{2} \{ \mu[n] \}^{2} = \frac{q - \frac{1}{4}}{1 - \frac{1}{4}} = \frac{3}{4}$$

$$(d) \{ \lambda, [n] \}^{2} = (\frac{1}{2})^{2} \{ \mu[n] \}^{2} = \frac{q - \frac{1}{4}}{1 - \frac{1}{4}} = \frac{3}{4}$$

$$E_{\infty} = \lim_{n \to \infty} \sum_{j=0}^{\infty} \left(\frac{1}{2}\right)^{2n} \left\{u[n]\right\}^{2} = \frac{q - \frac{1}{4}}{1 - \frac{1}{4}} = \frac{3}{4}$$

$$P_{0s} = \lim_{N \to \infty} \sum_{j=0}^{\infty} \frac{1}{2^{n}} \left\{u[n]\right\}^{2} = 0$$

(e) 
$$|\chi_2[n]|^2 = 1$$
.  $|\chi_2[n]|^2 = 1$ .  $|\chi_2[n$ 

1. 
$$3_{11}$$
,  $E_{\infty} = \lim_{T \to \infty} \int_{-T}^{T} |x(t)|^{2} dt$   $P_{\infty} = \lim_{T \to \infty} \frac{1}{2T} \int_{-T}^{T} |x(t)|^{2} dt$ 

$$x_{1}(t) = e^{-2t}u(t) |x_{1}(t)|^{2} = e^{-4t} \frac{1}{2} \frac{$$

(2) 
$$\chi_{2}(t) = e^{\frac{1}{3}(2t + \frac{\pi}{4})}$$
  
 $|\chi_{2}(t)|^{2} = |\chi_{2}(t)|^{2} = |\chi_{2}(t)|^{2} = |\chi_{3}(t)|^{2} = |\chi_{4}(t)|^{2} = |\chi_{4}(t)|^$ 

$$|Ous(t)|^2 = Ous^2t$$

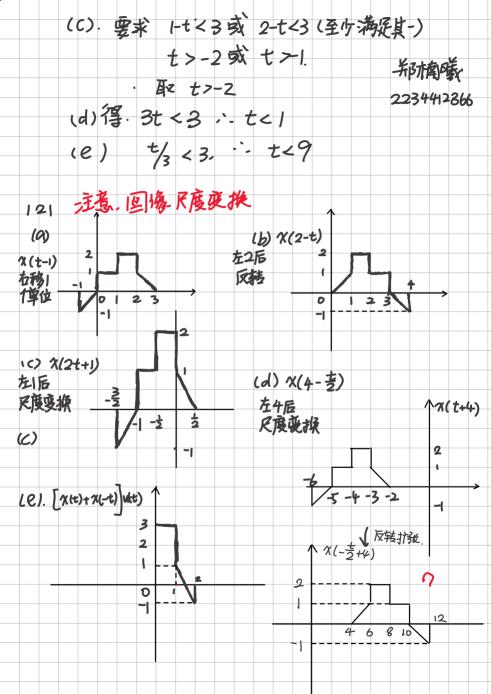
$$\overline{E}_{00} = \lim_{T \to \infty} \int_{-T}^{T} \cos^2t dt = \lim_{T \to \infty} \int_{-T}^{T} \frac{1 + \cos 2t}{2} dt = \infty.$$

$$P_0 = \lim_{T \to \infty} \frac{1}{27} \int_{-7}^{7} (\frac{1}{2} + \frac{1}{2} \cos 2t) dt$$

$$\frac{1}{2} + \frac{1}{12} \cdot \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} = \frac{1}{2}$$

这个求信号能量&你问题,只需要点公式、按部都分

(f) 次元の 
$$= \frac{1}{2}(1+\cos\frac{2}{3}n)$$
 $= \frac{1}{2}(m)$   $= \frac{1}{2}(1+\cos\frac{2}{3}n) = \infty$   $= \infty$   $= \frac{1}{2}(m)$   $= \frac{1}{2}(1+\cos\frac{2}{3}n) = \frac{1}{2}$ 
 $= \frac{1}{2}(m)$   $= \frac{1}{2}(1+\cos\frac{2}{3}n) = \infty$   $= \infty$   $= \frac{1}{2}(1+\cos\frac{2}{3}n) = \frac{1}{2}$ 
 $= \frac{1}{2}(1+\cos\frac{2}{3}n) = \infty$   $= \frac{1}{2}(1+\cos\frac{2}{3}n) = \frac{1}{2}(1+\cos\frac{2}{3}n) = \infty$   $= \frac{1}{2}(1+\cos\frac{2}{3}n) =$ 



(a). 
$$\chi(t-1)$$
 起移1  
(b)  $\chi(2-t)$ .  $\Rightarrow \chi(t) \xrightarrow{E} \chi(t+2) \xrightarrow{E} \chi(t+2)$   
(c)  $\chi(t)$  基本  $\chi(t+1)$ 

 $\chi(-\frac{3}{2}) - \chi(+\frac{3}{2})$ 

1.

(d) 水(t) 些 水(t+4) 拉 水(生+4) 尽 水(洼+4) 扩多 为(等) 超, 为(等) 图 对(- 管件)

γ(-t)u(t)

