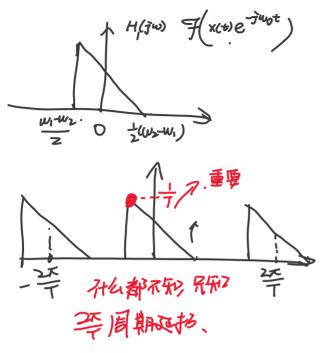
現 
$$3^{3}$$
  $\chi(\overline{j}\omega) = 2\pi \delta(\omega) + \pi \left( \delta(\omega - 2000\pi) + \delta(\omega + 2000\pi) \right)$   
+  $\frac{1}{2}$   $\delta(\omega - 4000\pi) - \delta(\omega + 4000\pi)$   $\delta(\omega + 4000$ 

(1) Y(jw)= X(jw)(1+e<sup>-jw</sup>) 正是其是大物、 科为w。。

日初のY 説の中で放棄

(3) 
$$\chi(t)$$
  $\chi(t)$   $\chi($ 

描益T=0.2 → 5倍 G(74)= 2 (2) 1 Jos (W+KZ) - 8 (W-KZ) T=10-4 fs=====104Hz Xct) > \( X(t) e^{\frac{1}{3}wt} \) 工(t)频移之/w the 注意是产格 时中间 Wan = = (www.) 2(w,-W) 2(w,-w,)



$$W_m = W_2 - W_1 \rightarrow W_s > 2W_m$$

$$= 2(W_2 - W_1)$$

$$\omega_s = \frac{2\pi}{T} > 2(\omega_2 - \omega_1)$$

和(t) >[H,(jy)] >@e - jwt > Re[-j. 克成兵部 > 图(b)中 后双形

$$\chi(j\omega) \rightarrow \chi(t)$$
  $\chi(j\omega) = \chi^{*}(j\omega)$   $\chi(j\omega) =$ 

Xc(jw).有个赔值 Xp(jw) \* Xcljw)辰. 得到东西是 (Xc(jw)中岛的一 一旦Xc(j(w-K学))
不動 

= - (j(w-k学))

$$X_{c(t)} = \sum_{k=0}^{\infty} X_{c}kj(w-k+1)$$

$$X_{c(t)} = \sum_{l=0}^{\infty} (\frac{1}{2})^{k}Q^{j}kwot$$

$$X_{c(t)} = X_{c}(nT) = X_{c}(nT) = X_{c}(nT) = \sum_{l=0}^{\infty} (\frac{1}{2})^{k}Q^{j}kwot$$

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$$|V| = 205.$$

$$|V| = 205.$$

$$|V| = 205.$$

$$|V| = |V| =$$

$$|X| = 205.$$

$$|X| = 205.$$

$$|X| = \sum_{k=0}^{\infty} |x|^{k} e^{\delta k o |x|}$$

(2) 
$$\frac{2\pi}{4}$$
  $\frac{1}{2}$   $\frac{1}{2}$ 

Eare 対kwot しゅこで = sは水 Um7

ax==

+ 2(-1)10 8 7 8 1

シテーe jkwot シンテンエ S(W-ド学)