



1. $W_{S} = 10000$ TT 72 W_{M} $W_{M} < 5000$ TT $X(j_{W})$ 在 $W_{S} > 5000$ TT	67章 1.2.3.6.9	
00000 7 2 Wm Wm < 5000 T		DEMINATED STATE
$W_{M} < 5000 \pi$ $: X(j_{W})$ 在 $W > 5000 \pi$ 时保证为 0 . 2、 $W_{c} = 1000 \pi$ 采样频率 $W_{s} = \frac{2\pi}{T}$ $: W_{s} = 4000 \pi$ $W_{m} = [000 \pi]$ W		and a Dh - S - s - s
		1
2 、 $W_c = 1000$ TT	:X(jw)在 W7 5000 T 时保证为0	
来样频率 $\omega_s = \frac{2\pi}{T}$.: $W_{Sa} = 4000 \Pi$ $W_{Sb} = 1000 \Pi$ $W_{Sc} = 20000 \Pi$ $W_{M} = 1000 \Pi$ 柳宮本 $W_{S} > 2000 \Pi$.: α . C 可 W 得到 恢复 3. $(\alpha_1. W) \times 4000 \Pi$ M . $X(j\omega) = 0$.: α .	. WC = 1000 TT	
		to down at
$W_{m} = 000 $		Wsc = 20000 T
こ。 A 、 C 可以得到读复。 3. $(A1. 100)$ 4000月 时, $X(j\omega) = 0$ A		100 X 2 (= 100) DATE
3. $(\alpha_1. \omega) + 4000 \Pi$ of $X(j\omega) = 0$ (b) $ \omega > 4000 \Pi$ of $X(j\omega) = 0$ $\therefore \frac{1}{\sqrt{2}} \frac{1}{$		84.30 8
(b) $ \omega > 4000$ 可 时, $X(j\omega) = 0$ (c) $X(t) = \left(\frac{\sin 4000 \pi t}{\pi t}\right) \left(\frac{\sin 4000 \pi t}{\pi t}\right)$ (c) $X(t) = \left(\frac{\sin 4000 \pi t}{\pi t}\right) \left(\frac{\sin 4000 \pi t}{\pi t}\right)$ (d) $X(t) = \left(\frac{\sin 4000 \pi t}{\pi t}\right) \left(\frac{\sin 4000 \pi t}{\pi t}\right)$ (e) $X(t) = \int_{0.5}^{\infty} \frac{\sin 4000 \pi t}{\pi t} \left(\frac{\sin 4000 \pi t}{\pi t}\right)$ (f) $X(j\omega) = \int_{0.5}^{\infty} \frac{\sin 4000 \pi t}{\pi t} \left(\frac{\sin 4000 \pi t}{\pi t}\right)$ (g) $X(j\omega) = 0$ (h) $X(t) = X_1(t) \cdot X_2(t)$,	Y was X Circums
(b) $ \omega > 4000 \pi$ 时, $X(j\omega) = 0$ $\frac{1}{1} + \frac{1}{1} +$	· @ 茶笔玩特率为 8000 TT.	(my 3,000 (g C = 1,000
(c) $X(t) = \left(\frac{\sin 4\cos \pi t}{\pi t}\right) \left(\frac{\sin 4\cos \pi t}{\pi t}\right)$ $\therefore X(j\omega) = F\left(\frac{\sin 4\cos \pi t}{\pi t}\right) * f\left(\frac{\sin 4\cos \pi t}{\pi t}\right)$ $\Rightarrow = $ 高波 $ \omega > 8000\pi $ 內 $\Rightarrow X(j\omega) = 3$ $\Rightarrow \frac{x^2}{x^2} + \frac{x^2}{$		
(c) $X(t) = \left(\frac{\sin 4\cos \pi t}{\pi t}\right) \left(\frac{\sin 4\cos \pi t}{\pi t}\right)$ $\therefore X(j\omega) = \int_{-\infty}^{\infty} \frac{\sin 4\cos \pi t}{\pi t} + \int_{-\infty}^{\infty} \frac{\sin 4\cos \pi t}{\pi t}$, $\frac{\hbar}{\hbar} = \frac{\hbar}{\hbar} \frac{1}{\hbar} \frac{\hbar}{\hbar} \frac{1}{\hbar} $		
	(c) $X(t) = \left(\frac{\sin 4\cos \pi t}{\pi t}\right) \left(\frac{\sin 4\cos \pi t}{\pi t}\right)$	Trong actual
为三角液 $[W] > 8000 \pi \% , X(jw) = 3$: 存生所特本为16000 π 6、 $W(t) = X_1(t) \cdot X_2(t)$ $W(jw) = \sum_{n=1}^{\infty} X_n(jw) * X_2(jw)$ $[w] > w_1 + w_2 \text{ pf}$ $W(jw) = 0$:X(jw) = 75 5in 4000Tt; * f 5in 40	oo Tit
$ W > 8000\pi \text{ of } X_{ij}w_{ij} = 3$ $\frac{1}{10000} \text{ of } X_{ij}w_{ij} = 3$		Man E A CAR A
$ \frac{1}{5} \cdot W(t) = X_1(t) \cdot X_2(t) $ $ \frac{1}{5} \cdot W(t) = \frac{1}{5} \cdot X_1(t) \cdot X_2(t) $ $ \frac{1}{5} \cdot W(t) = \frac{1}{5} \cdot X_1(t) \cdot X_2(t) $ $ \frac{1}{5} \cdot W(t) = \frac{1}{5} \cdot X_1(t) \cdot X_2(t) $ $ \frac{1}{5} \cdot W(t) = 0 $		The state of the s
$W_{(j)} = X_{(j)} \cdot X_{(j)}$ $W_{(j)} = X_{(j)} \cdot X_{(j)} \times X_{(j)}$	荣奎斯特奉为1600 TI	Thomas and the first that
$W(j\omega) = \frac{1}{5\pi} X_1(j\omega) * X_2(j\omega)$ $ \omega > \omega_1 + \omega_2 \text{ pf}$ $W(j\omega) = 0$		The state of the state of the
$ w > w_{i+}w_{k} = 0$ $ w = 0$		
		0.31011
	: Ws = 2 (W1 + W2)	
$C: T = \frac{\pi}{\omega_1 + \omega_2}$		



