$$5-1-1$$
 A. $H(s) \Rightarrow H(j\omega) = \frac{1}{j\omega + 3}$. $\omega \Rightarrow 0$ $H(j\omega) \Rightarrow 0$ $\omega \Rightarrow \infty$ $U \Rightarrow \infty$

$$\frac{1}{t} = \frac{1}{t} = \frac{1$$

5-2调制模型(难题) 5-24. S(t) = Cos 1000t · X(Jw) = = ((((w+2)-u(w-2)) S(t) \$ 7 (S(W-1000) + S(W+1000))

$$S(t) = \frac{1}{2} \cdot \left(U(w+2) - u(w+2) \right)$$

$$S(t) = S(t) \cdot S(w-1000) + S(w+1000)$$

$$W(t) = S(t) \cdot X(t)$$

$$V(t) = S(t) \cdot X(t)$$

$$V(t) = V(t) \cdot V(t)$$

5-2-5· 经且 Cos(7wot)调制· X,(jw) = = F(jw-7wo) + = F(j(w+7wo)) 1/X(Ju) コール不安応了模大小!! X2(jw)= Xi(jv) H(jw) 介体行动 Flus Two -7wo -5wo $X_{3}(\overline{j}\omega) = \frac{1}{2}X_{2}(\overline{j}(\omega - 5\omega_{0})) + \frac{1}{2}X_{2}(\overline{j}(\omega + 5\omega_{0}))$ 2400 Y(ju)= H2(jw)· X2(jw) 所谓计算过程 其实也没啥 固作好即 裁以写在川