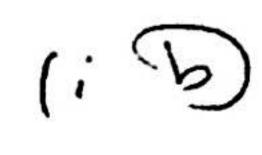
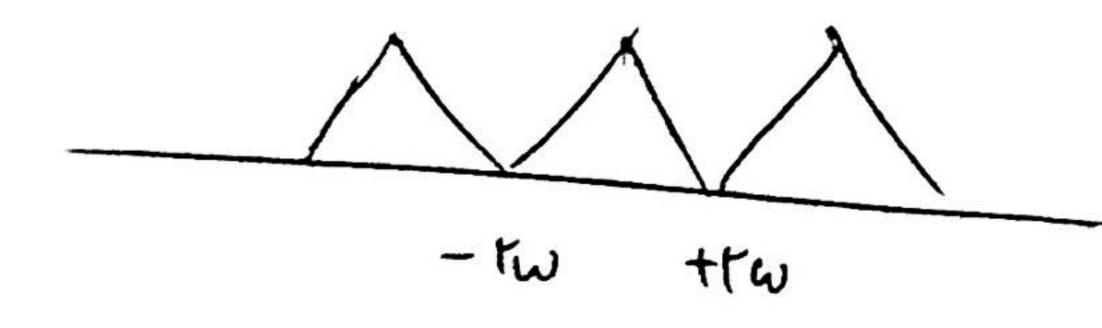
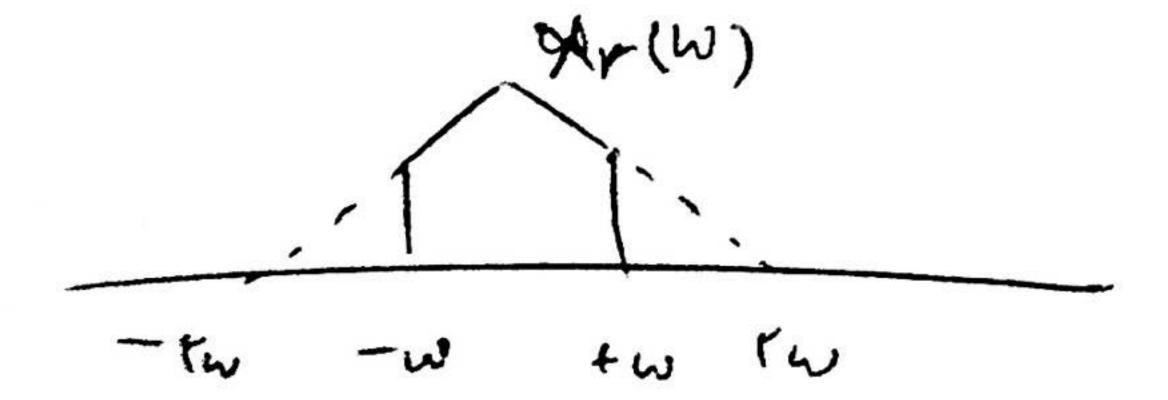
$$x_r(t) = \sum_{k=-\infty}^{\infty} x(n\tau) S(t-n\tau) J + h(t)$$

$$= \frac{1}{2} \sum_{n=-\infty}^{\infty} \chi(nT) h(t-nt) = \sum_{n=-\infty}^{\infty} \chi(nT) T \frac{Sin(w_c(t-nT))}{(T)(t-nT)}$$

$$X(t) = \cos(t\pi f_{+} + \theta) = \cos(1500\pi t + \pi_{4})$$







X. IW IW = 1.W-)

$$T_{S}(w) = \frac{1}{T} \left( \sum_{i} \left( i \left( \omega - \omega_{K} \right) \right) - A_{z} T \right)$$

$$w_s - rw > w \rightarrow w_s > rw \rightarrow T < \frac{r\pi}{rw}$$

