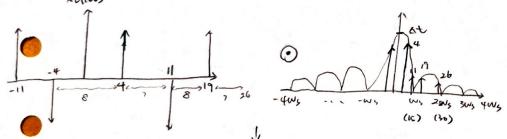


Noise: 
$$\left[\frac{1}{\sqrt{1+(35/6)^2}}\right] = 0.1$$

$$= \left[\frac{1}{\sqrt{1+(35/6)^2}}\right] = \frac{1}{\sqrt{1+(6/5)^2}} = 0.1$$

(a) 
$$x_5 \ge 2 W_0 C_{15} = 50 \pi \times 10^3 \text{ rad/s}.$$
  
(b)  $|H(W)| N(W) \cdot X_0 (W) \times \frac{1}{20} \cdot \frac{1}{20} + \frac{1}{20}$ 





Honlw = ste-ju w. (sit w)

| Han (w) = At . Sin (17 W/us) TI W/Ws

fundamental freq: 4 KHz

3 harmonius frequency: 11.19.26 KMZ.

amplitude: /HZOH(W) · MAIW)