

$$h_1 = 1$$
  $| f | \leq f_0$ 

$$\frac{f_S}{2} = 22050 H_2$$

$$f_S = 44100 H_2$$

$$A_2 = 1$$
  $f_- \in |k| \in kh$ 

$$[H_3] \circ (0) = \frac{1}{2\pi} \left[ \int_{-W_c}^{W_c} dw + \int_{W_c}^{W_c} dw \right] = \frac{W_c - W_h}{\pi}$$

$$\circ (m) = \frac{1}{\pi} \left[ \int_{W_c}^{-W_h} \cos(w_m) dw + \int_{W_h}^{W_c} \cos(w_m) dw \right]$$

$$= \frac{1}{\pi} \left[ \sin(w_{cm}) - \sin(w_{hm}) \right]$$

$$[H_3] \circ (0) = \frac{1}{2\pi} \left[ \int_{-W_c}^{-W_c} (w_h m) \right]$$

$$= \frac{1}{\pi} \left[ \int_{W_c}^{-W_c} (w_h m) - \int_{W_c}^{-W_c} (w_h m) \right]$$

$$\frac{1}{\sqrt{100}} = \frac{1}{\sqrt{100}} \left[ \int_{-\sqrt{100}}^{-\sqrt{100}} dw + \int_{-\sqrt{100}}^{-\sqrt{100}} dw \right] = \frac{1}{\sqrt{100}} \left[ \int_{-\sqrt{100}}^{-\sqrt{100}} dw + \int_{-\sqrt{100}}^{-\sqrt{100}} dw \right] = \frac{1}{\sqrt{100}} \left[ \int_{-\sqrt{100}}^{-\sqrt{100}} dw + \int_{-\sqrt{100}}^{-\sqrt{100}} dw \right] = \frac{1}{\sqrt{100}} \left[ \int_{-\sqrt{100}}^{-\sqrt{100}} dw + \int_{-\sqrt{100}}$$

Hy (e in) + Hz (in) + Hz (ein) + Hy (ein) =

W1= T => 20x (0) = 1

S 
$$\cos(2\omega)d\omega = 8$$
 .. OSTAJĪ SAMO  $\frac{\omega d}{11} = 7$ 

$$-\pi$$

$$-\pi$$

$$-\pi$$

$$2 \text{ observo painstast}$$

$$2 \text{ observo painstast}$$