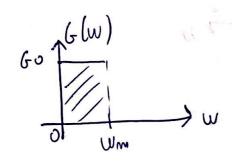
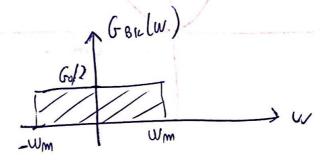
## ES.5 (POTENZA FINITA 3)

. UN CORDIARIO OI FS. 4





. SI CALWA LO SPETTED DI POTENZA IN USCITA AO UNA PETE LINEARE IN PARTICOURCE SI CUNSIDERA UNA RETE OFERIVATRICE

$$(x|A) \rightarrow (A) \rightarrow (A)$$

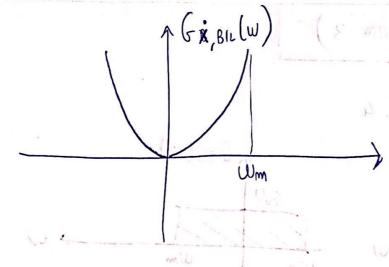
(x|A) FS, 4

$$G_{XBIL}(W) = \begin{cases} G_0/2 & 0 \leq |w| \leq w_m \\ 0 & |w| > w_m \end{cases}$$

$$= |H(w)|^2 G_{X/BIL}(w)$$

$$= |Sw|^2 G_{0/2} O_{\leq |w|} L_{wm}$$

$$= |w|^2 G_{0/2} O_{\leq |w|} L_{wm}$$



DENSILY SLEUDTR 01

$$X_{EFF} = \sqrt{P} \rightarrow P_{x} = \int_{0}^{\omega_{m}} G_{x}(\omega) d\omega$$

$$= G_{0} \int_{0}^{\omega_{m}} G_{x}(\omega) d\omega$$

\* D Z | W |

XEFF = 
$$\sqrt{P_{x}}$$
 =  $\times_{\text{EFF}}$  Um

 $\sqrt{3}$