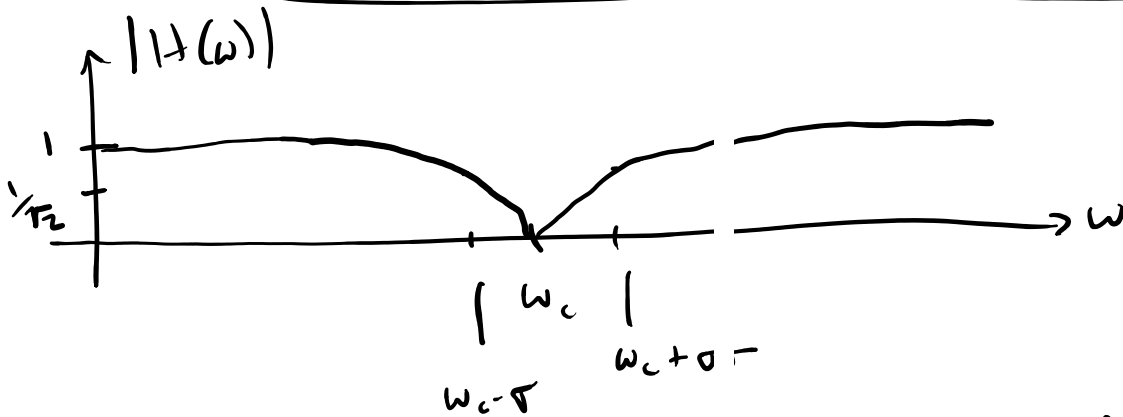
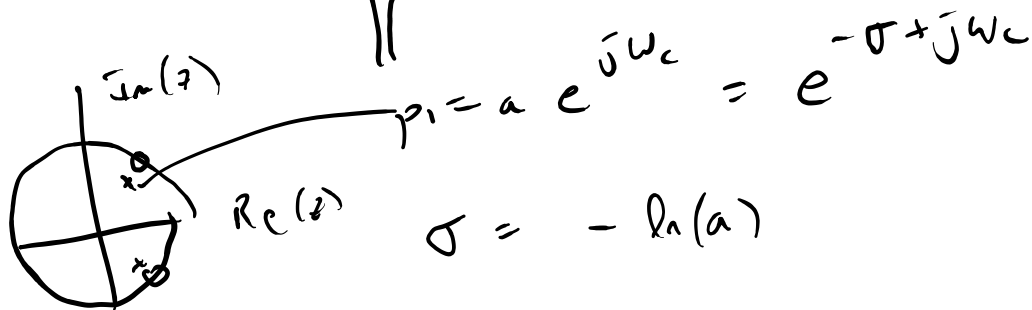
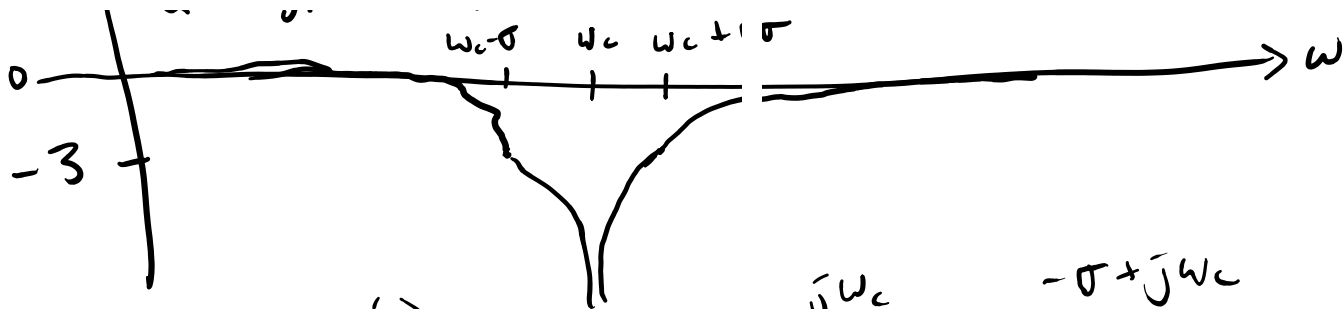


# NOTCH FILTER



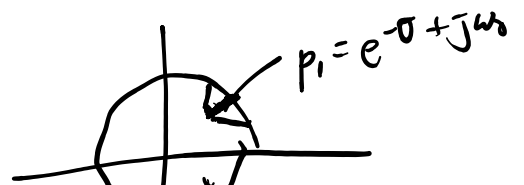
$\longleftrightarrow BW = 2\sigma \quad \left[ \frac{\text{RADIAN}}{\text{SAMPLE}} \right]$

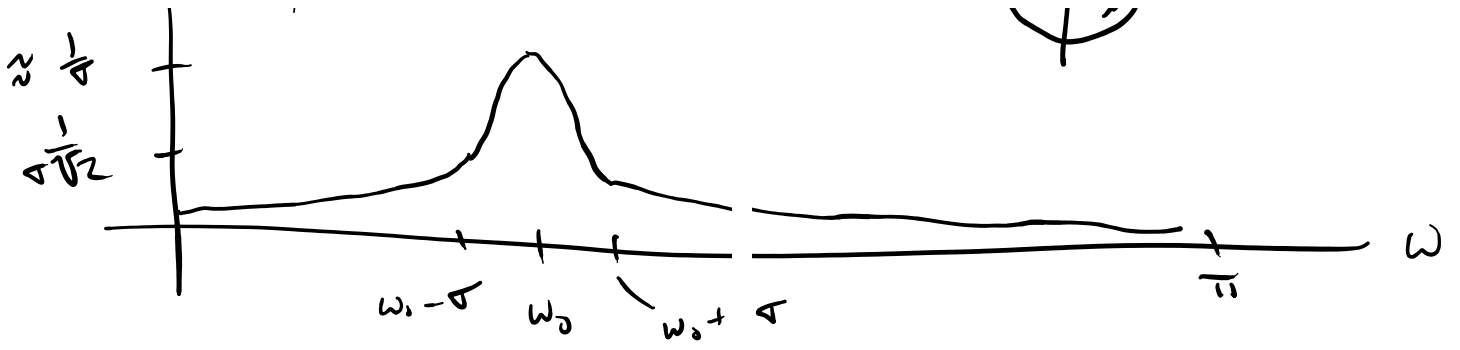
$20 \log_{10} |H(w)|$



## BANDWIDTH OF RESONANCE

$|H(w)|$





$$20 \log_{10} |H(\omega)|$$



$$BW = 2\sigma \quad \left[ \frac{\text{RADIAN}}{\text{SAMPLE}} \right]$$