

SUPONEMOS :  $Z = 1 + j1$

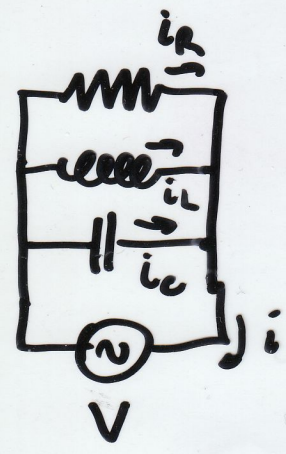
$$Y = \frac{1}{1 + j1} = 0.5 - j0.5$$

$\frac{1}{Z} = Y = \text{ADMITANCIA}$   
[MHOS]

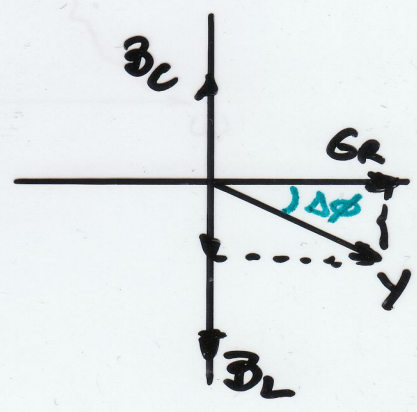
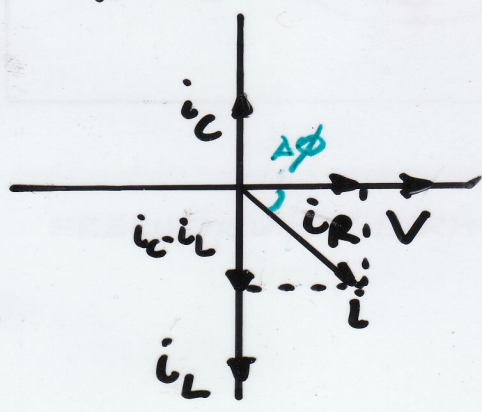
$\frac{1}{R} = G = \text{CONDUCTANCIA}$

$\frac{1}{X} = B = \text{SUCEPTANCIA}$

#### 4) RLC PARALELO:



$$I = I_R + I_L + I_C$$



$$Y = \sqrt{G^2 + (B_L - B_C)^2} \quad \tan \phi = \frac{B_L - B_C}{G}$$

RESONANCIA :  $I_L = I_C \Rightarrow \Delta \phi = 0$

