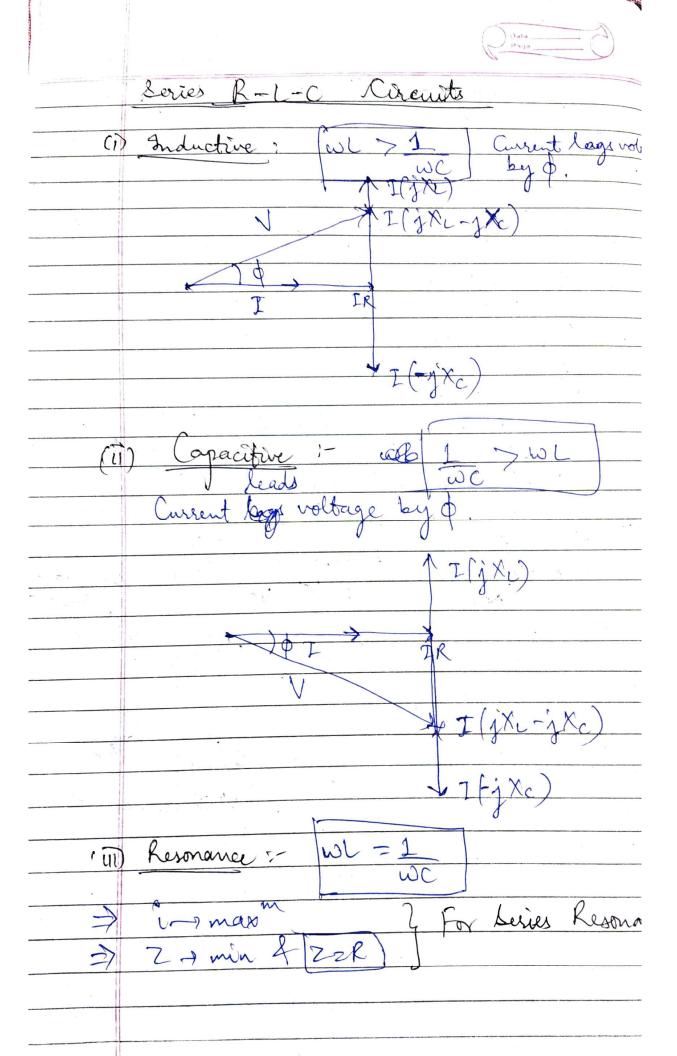
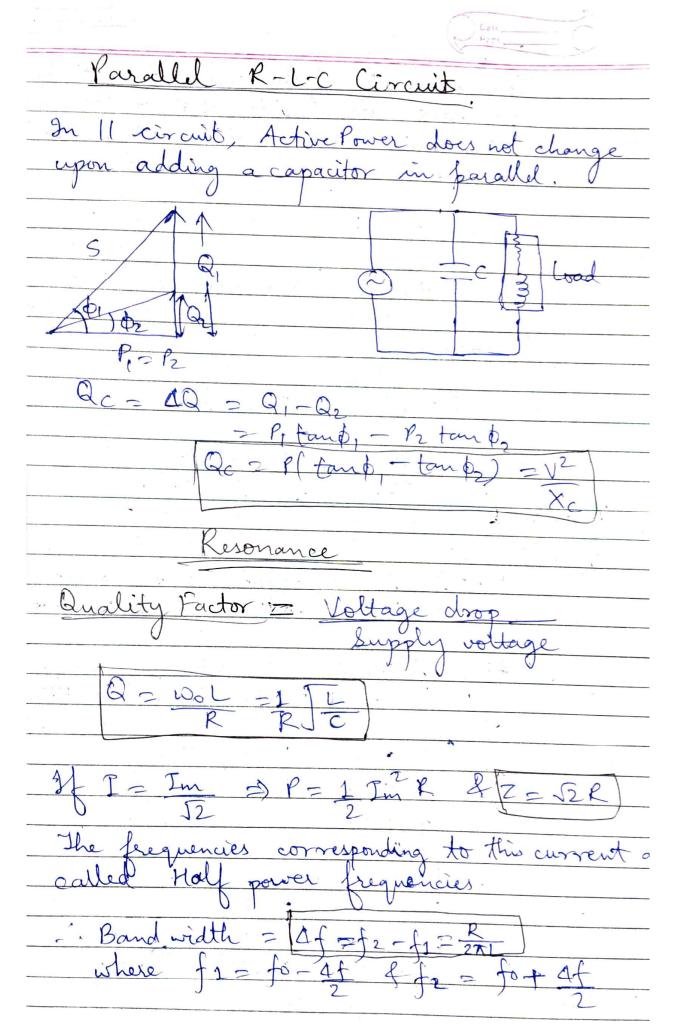
Circuits Pava = V-I cosp VCO. ICO = VI cop + i VI sind Q Reactive Active Power Power (VAr 1 Icaro





improve Q of the coil, it must be designed to have its resistance R as low as josely. It results in reduction of bandwidth & losses. Parallel Resonant Circuits: For 11 circuits at Resonance, the current is minimum of Z is maximum and is minimum 8 CM 0 = 1 Ri2 - L/C R2-40 27 JLC , At f C fo - Capacitor acts as an open circuit

- 1 Not circuit is Inductive > fo => Inductor acts as an opencircuit
> Net circuit is Capacitive 2 max Luna

