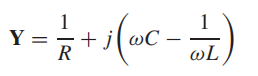
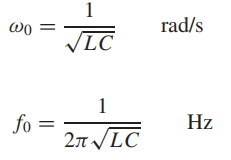
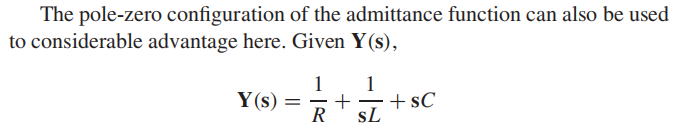
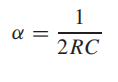
# chapter 14 formulas

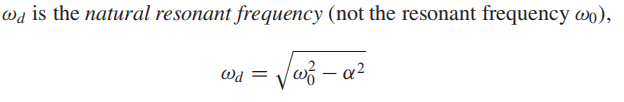
## parallel resonance:

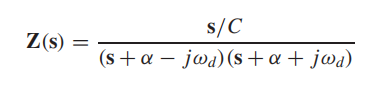


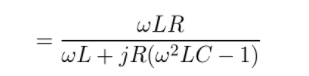




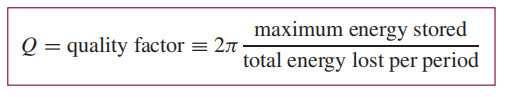






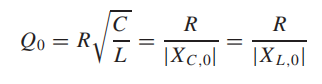


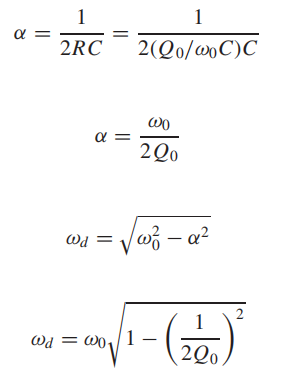
### quality factor



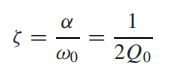






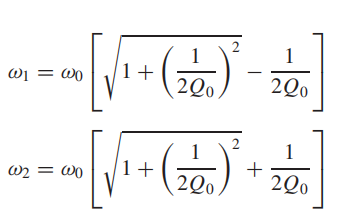


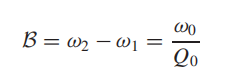
### zeta (damping factor)

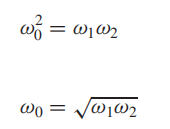


### bandwidth

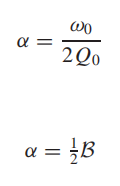


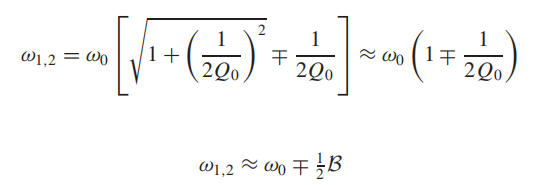


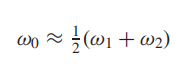


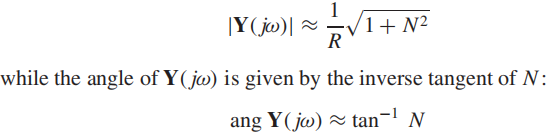


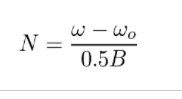
### Approximation for high Q circuits











## series resonant circuit

