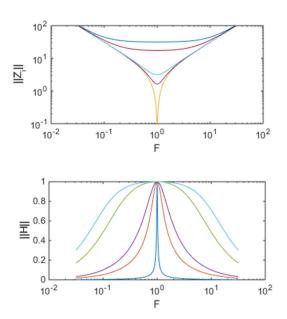
# **Tank Input Impedance**

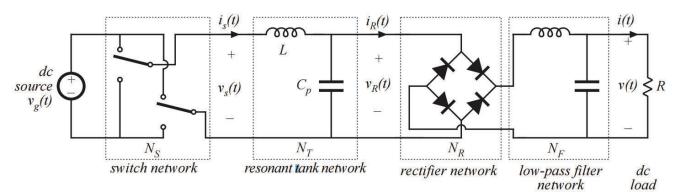
TENNESSEE KNOXVILLE

#### **Series Resonant Tank**



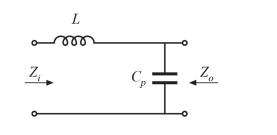


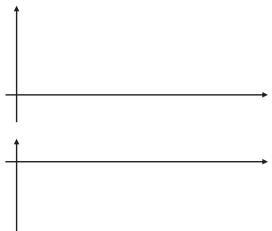
# **Parallel Resonant Converter**



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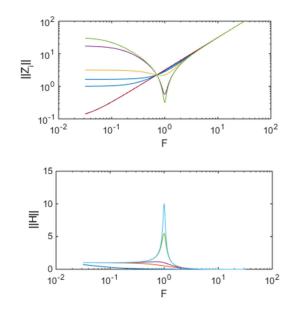
#### **PRC Tank Input Impedance**





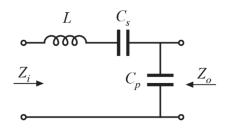


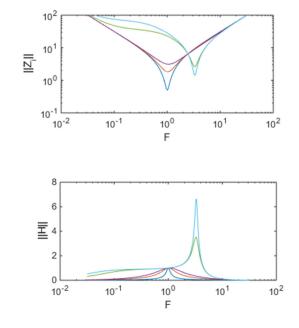
# **PRC Tank**



#### TENNESSEE KNOXVILLE

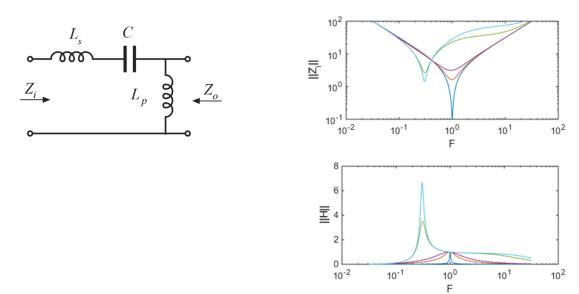
LCC





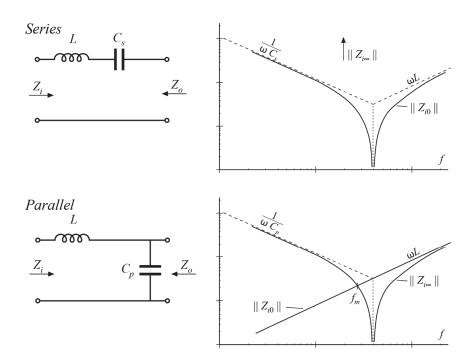


LLC



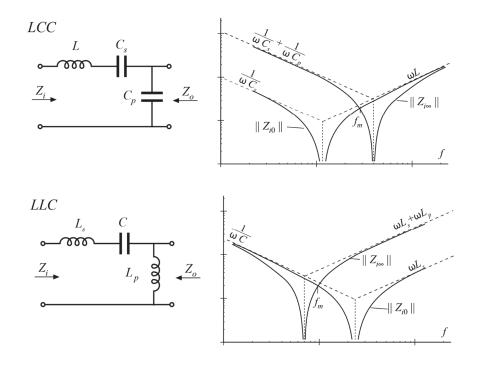


# Tank Summary (1/2)



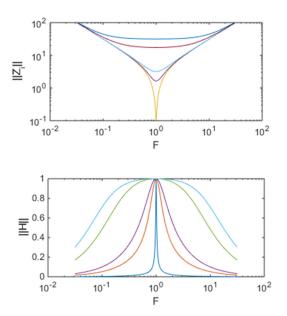


# Tank Summary (2/2)



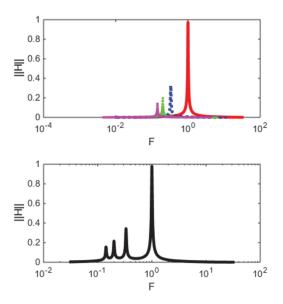


#### Series Resonant Tank – Subharmonic Modes



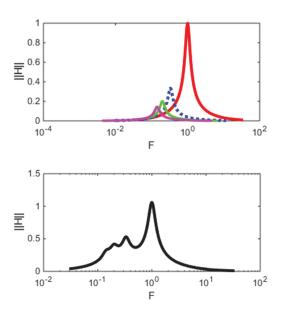


# Subharmonic Modes - High Q



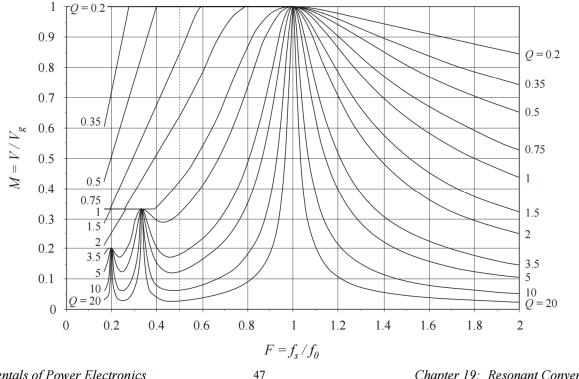
TENNESSEE KNOXVILLE

# Subharmonic Modes – Low Q





## **SRC Control Plane**

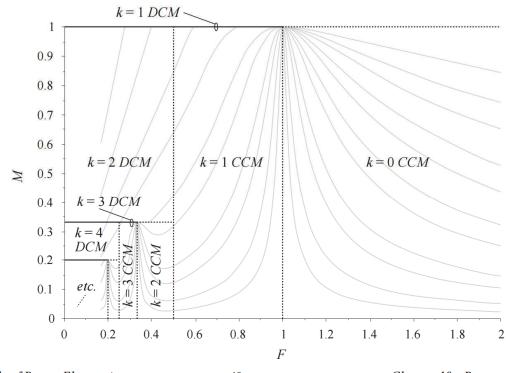


Fundamentals of Power Electronics

Chapter 19: Resonant Conversion



## **SRC Mode Boundaries**



Fundamentals of Power Electronics

48

Chapter 19: Resonant Conversion

