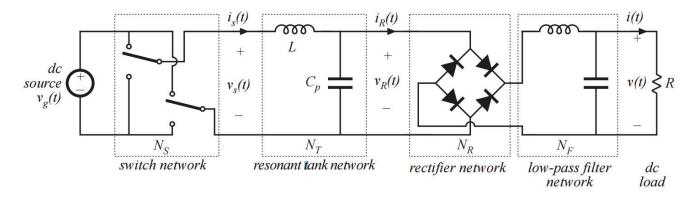
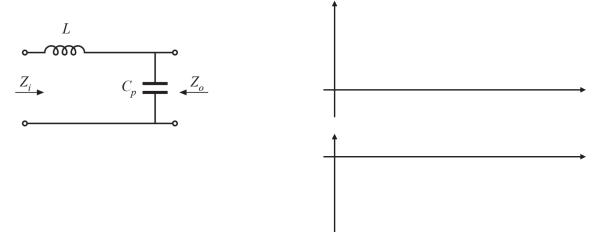
Parallel Resonant Converter

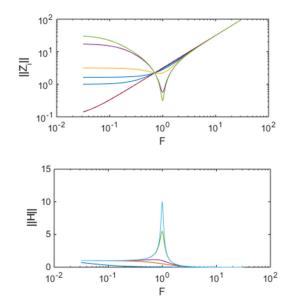




PRC Tank Input Impedance

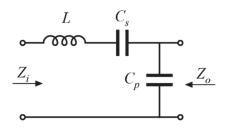


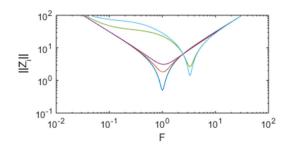
PRC Tank

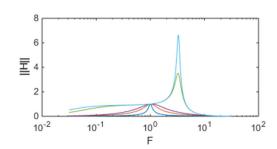


TENNESSEE TENNESSEE

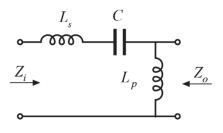
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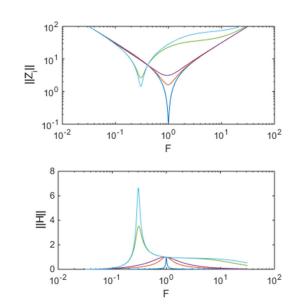






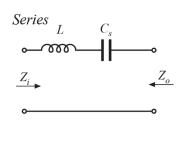
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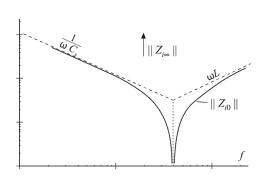


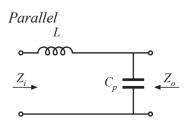


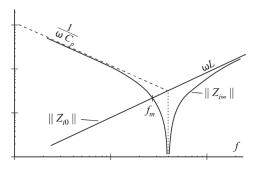


Tank Summary (1/2)

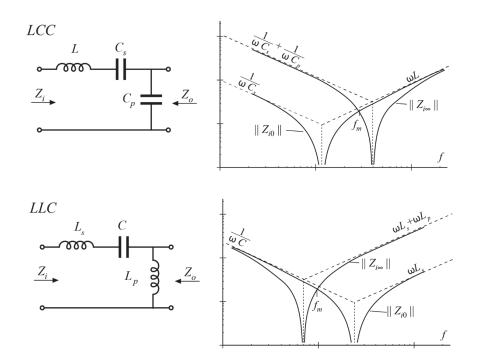






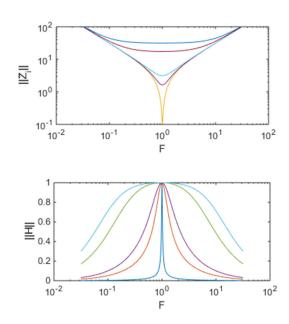


Tank Summary (2/2)

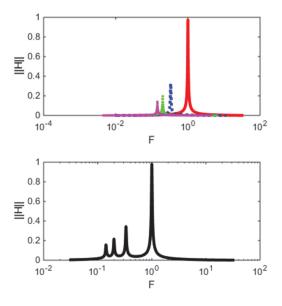




Series Resonant Tank – Subharmonic Modes

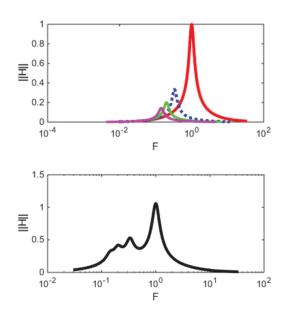


Subharmonic Modes - High Q

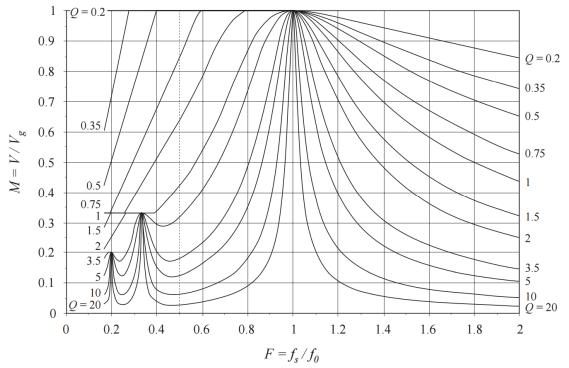




Subharmonic Modes – Low Q



SRC Control Plane



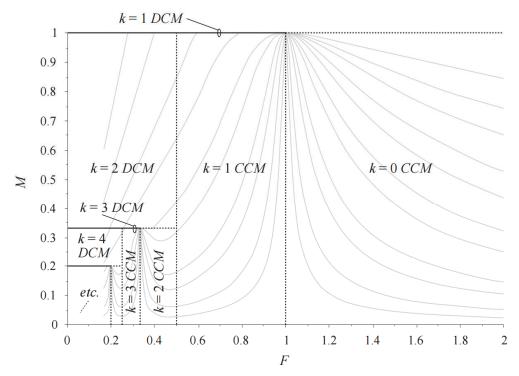
Fundamentals of Power Electronics

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Chapter 19: Resonant Conversion



SRC Mode Boundaries

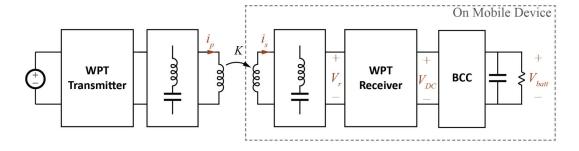


Fundamentals of Power Electronics

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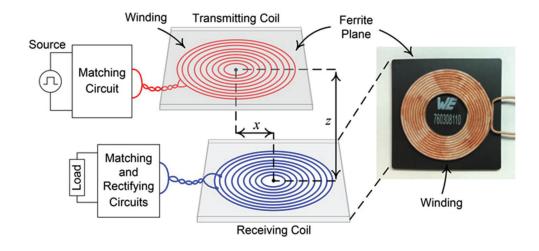
Chapter 19: Resonant Conversion

Wireless Power Transfer



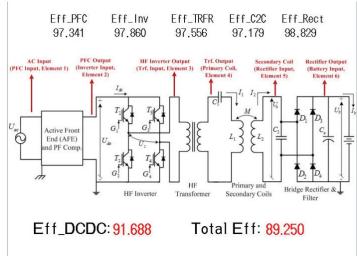


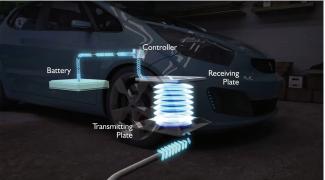
Mobile Device WPT





EV WPT







Class E Topologies

