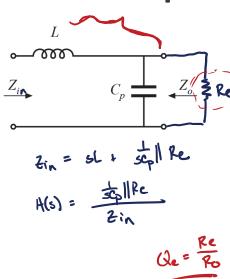
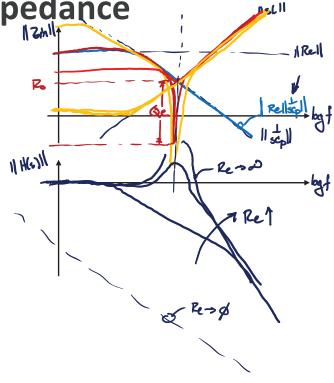


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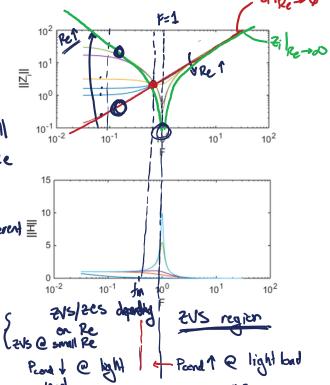
PRC Tank

Textbook Theoren 1 19.4.2 in 2nd edition 3rd edition

If took is purely recutive, 12; (jwx) 1 is a purely monotonic further of Re

Con really just look at Bi | Re-> all other curves of different = monotone in between.

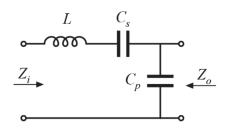
Q F=1, no problem w/ short circuit, but 5 open circuit results in very high correct

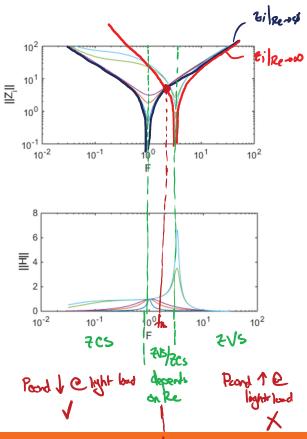


load

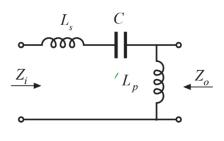
TENNESSEE T

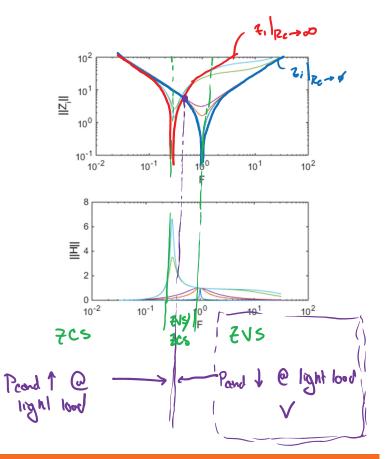
LCC





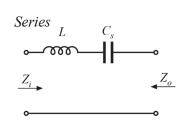


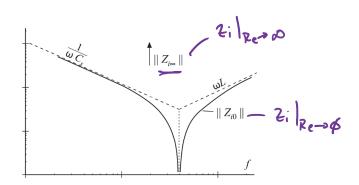


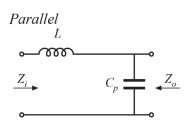


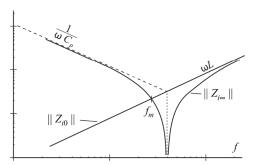
TENNESSEE MENOXVILLE

Tank Summary (1/2)

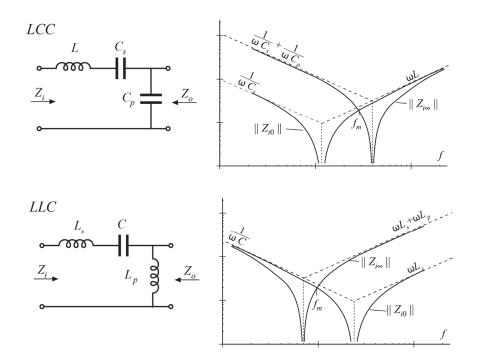






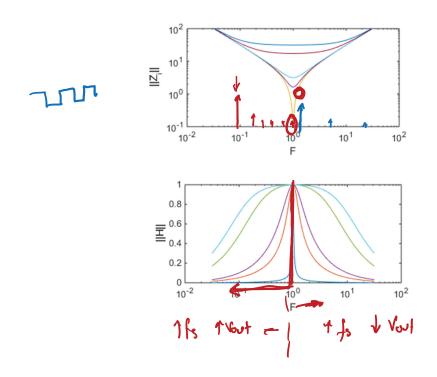


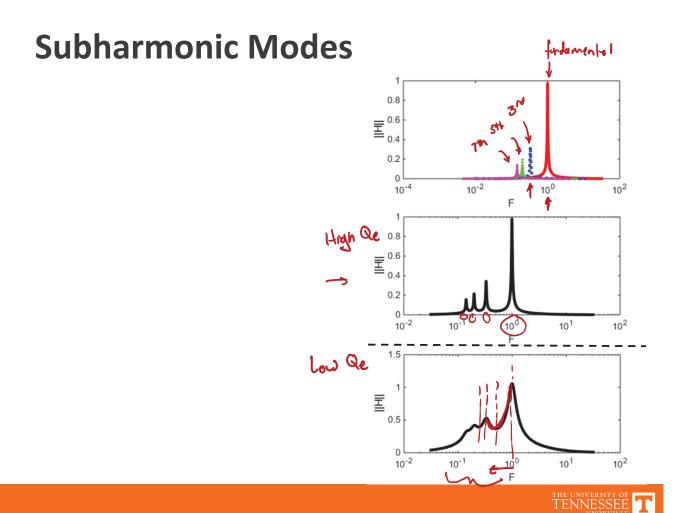
Tank Summary (2/2)



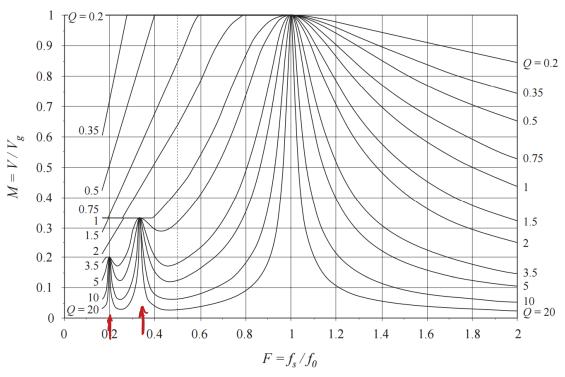


Series Resonant Tank – Subharmonic Modes





SRC Control Plane

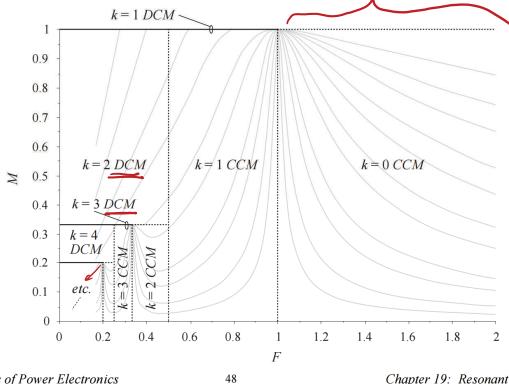


Fundamentals of Power Electronics

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Chapter 19: Resonant Conversion

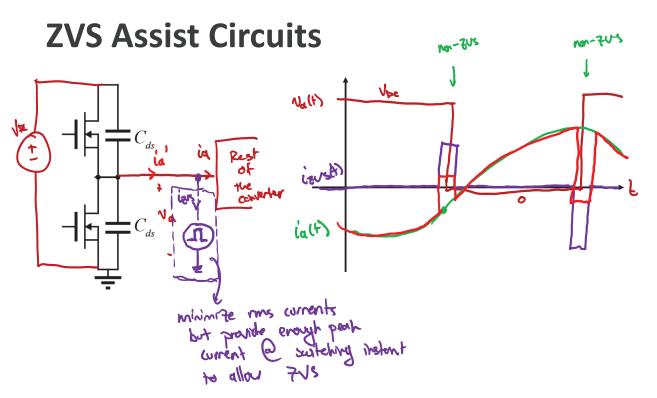
SRC Mode Boundaries



Fundamentals of Power Electronics

Chapter 19: Resonant Conversion





ARCP - "Auxiliary Resonant communitated Pole"

Accommunitated Pole

Available Pole

Auxiliary Resonant communitated Pole

Accommunitated Pole

Auxiliary Resonant communitated Pole

Aux