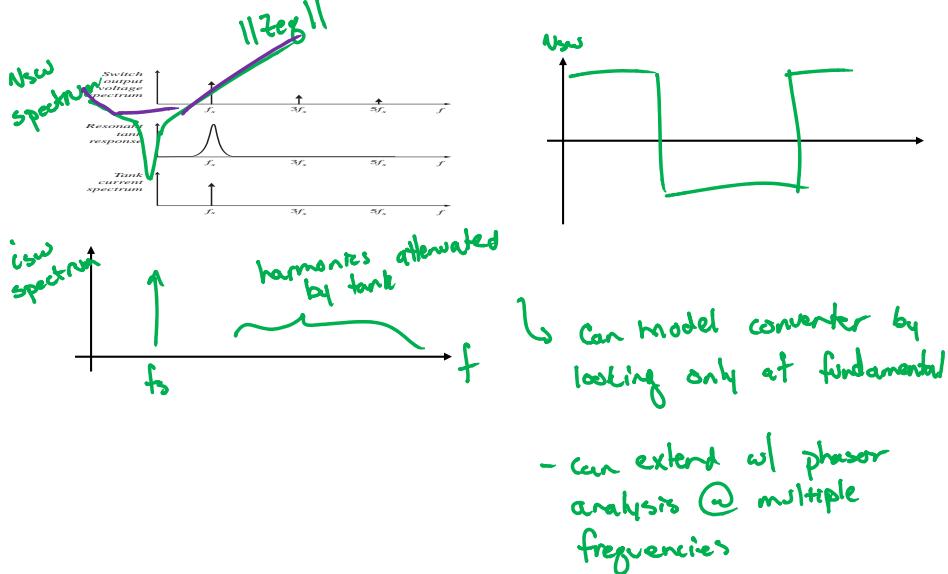


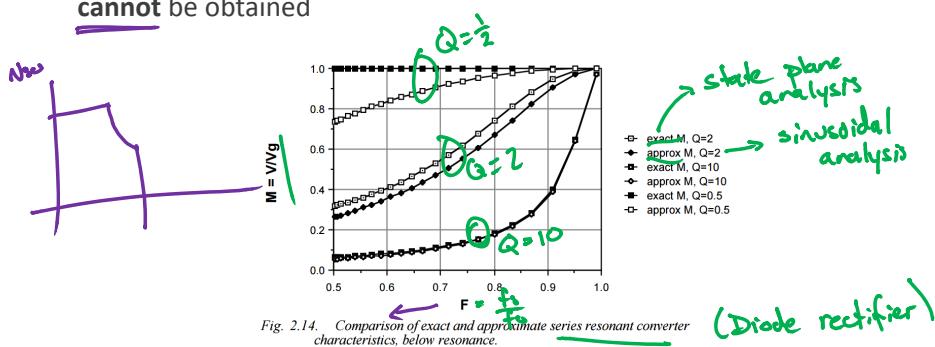
## Sinusoidal Analysis (Ch 19)



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## Sinusoidal Analysis: Comments

- Generally most accurate when operating near resonance with a high  $Q$
- Effective quality factor  $Q_e$  depends not only on resonant tank, but also on loading
- Analysis neglects switching intervals; can only predict where ZVS **cannot** be obtained



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