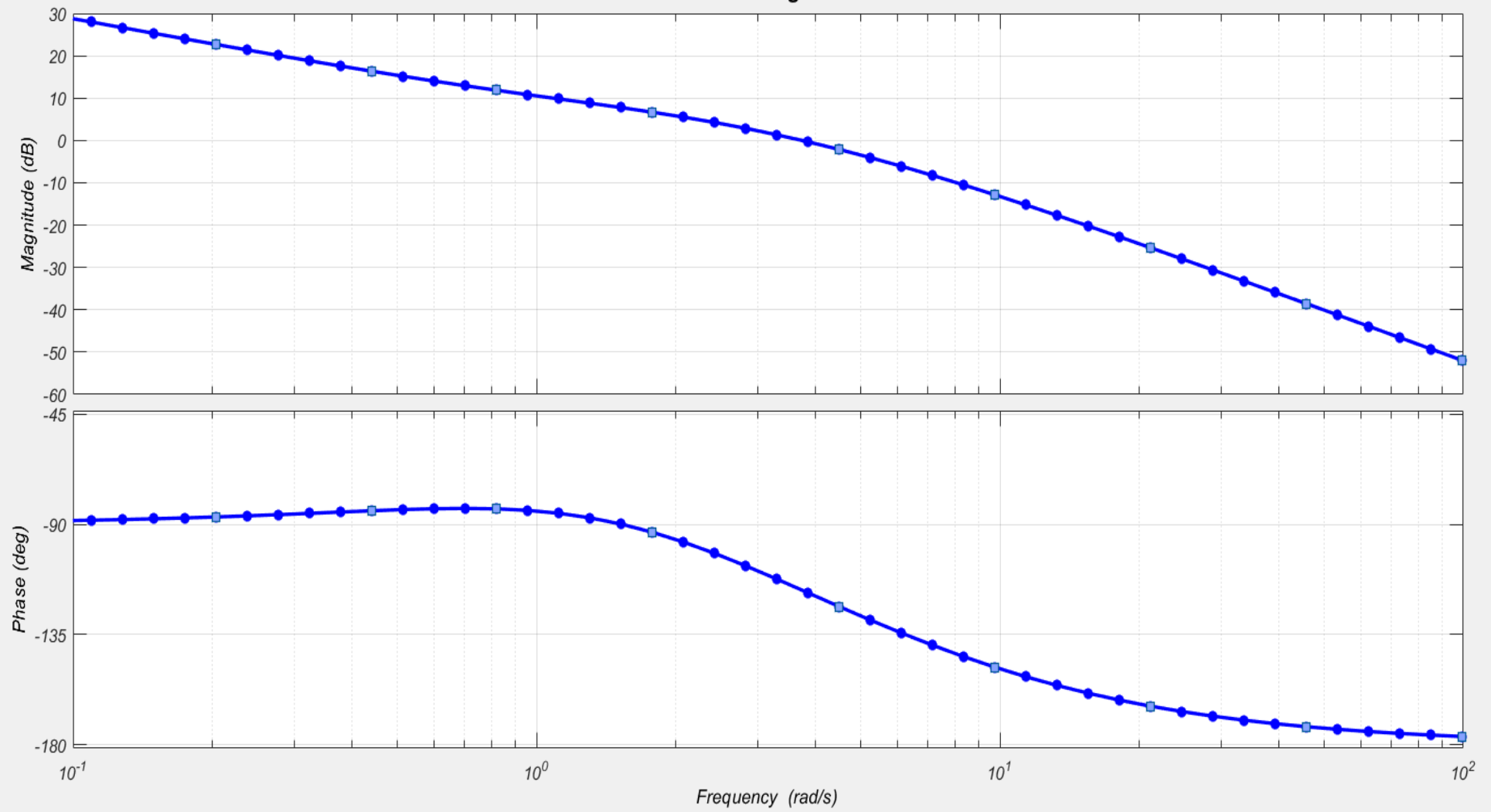
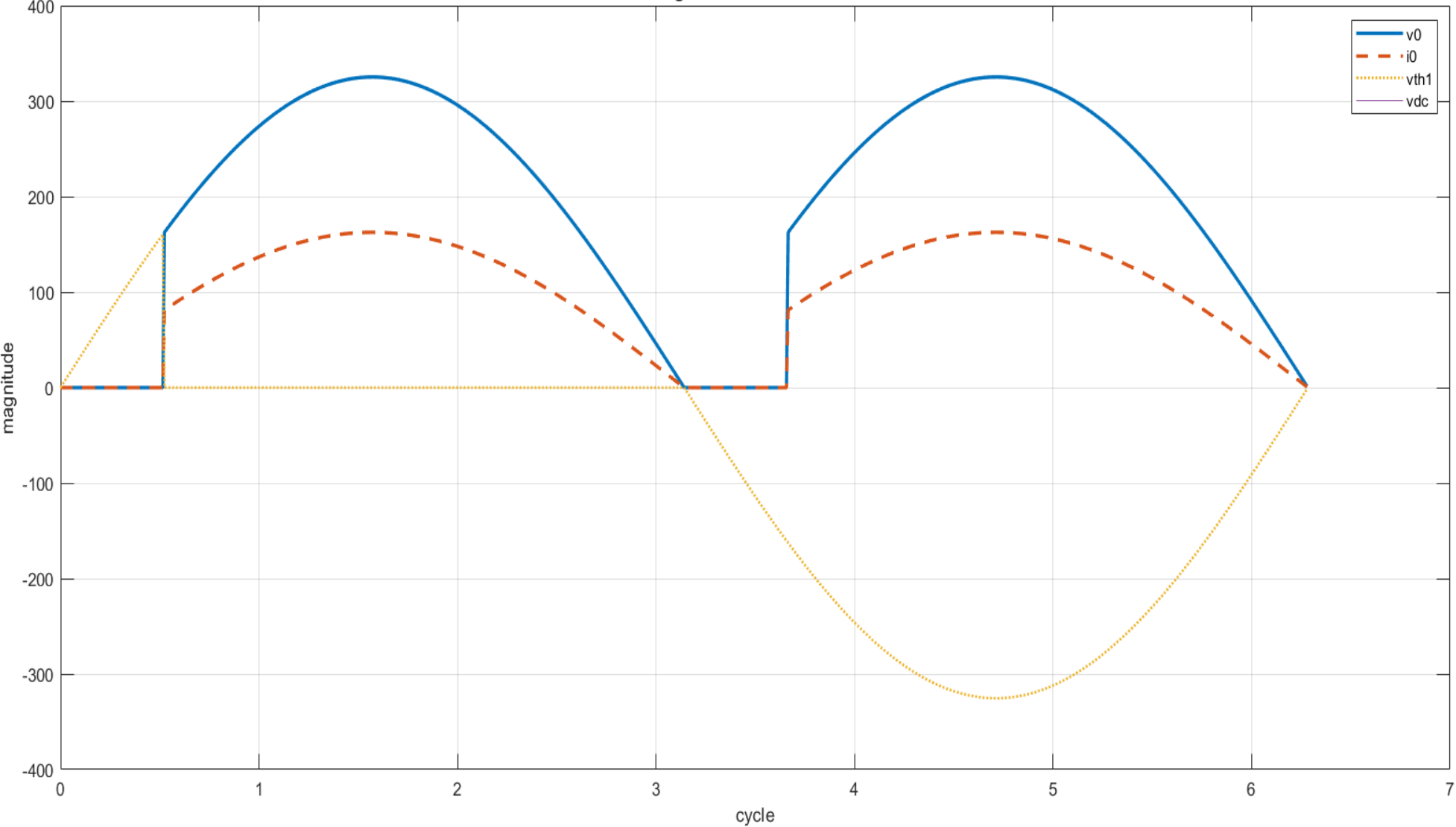
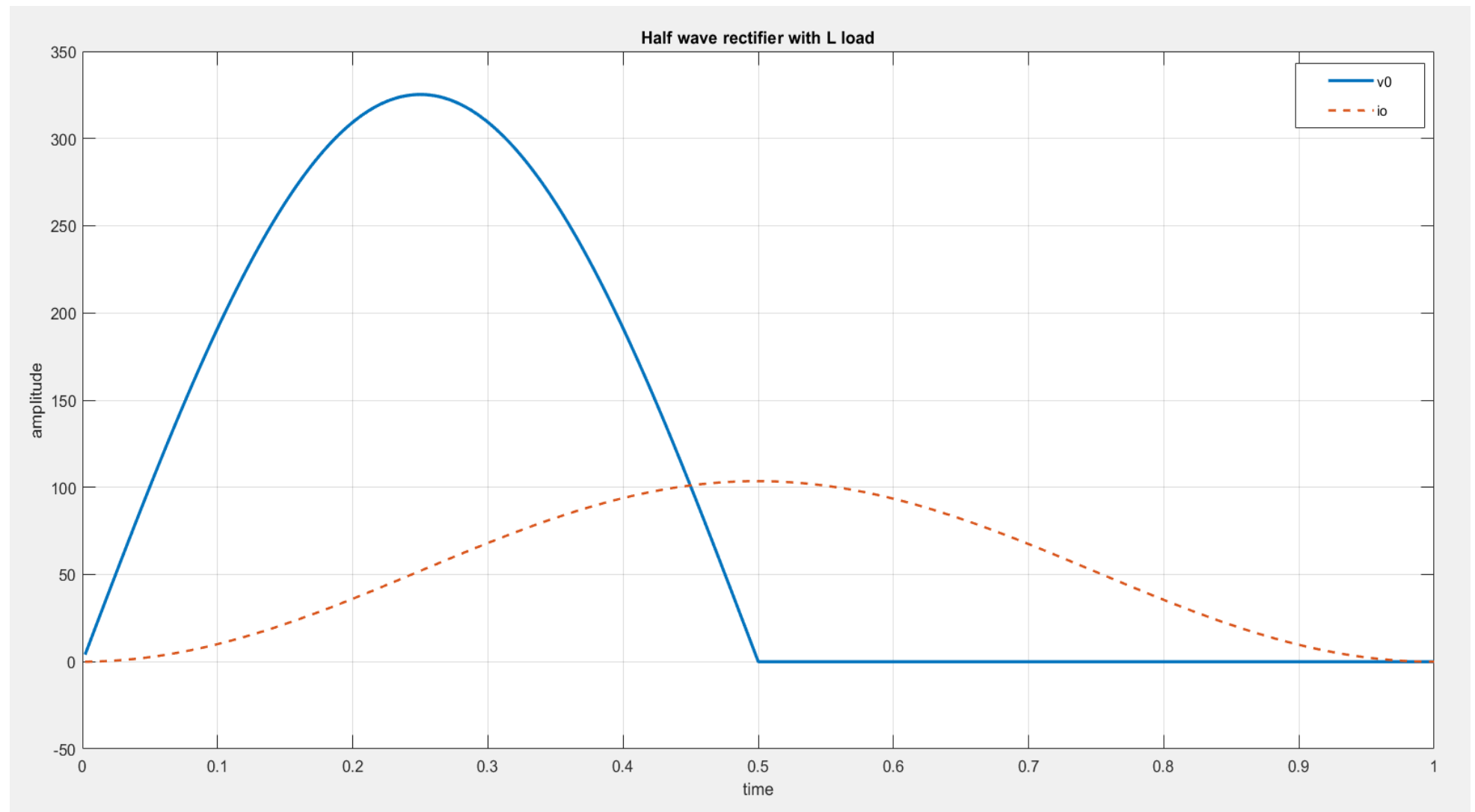


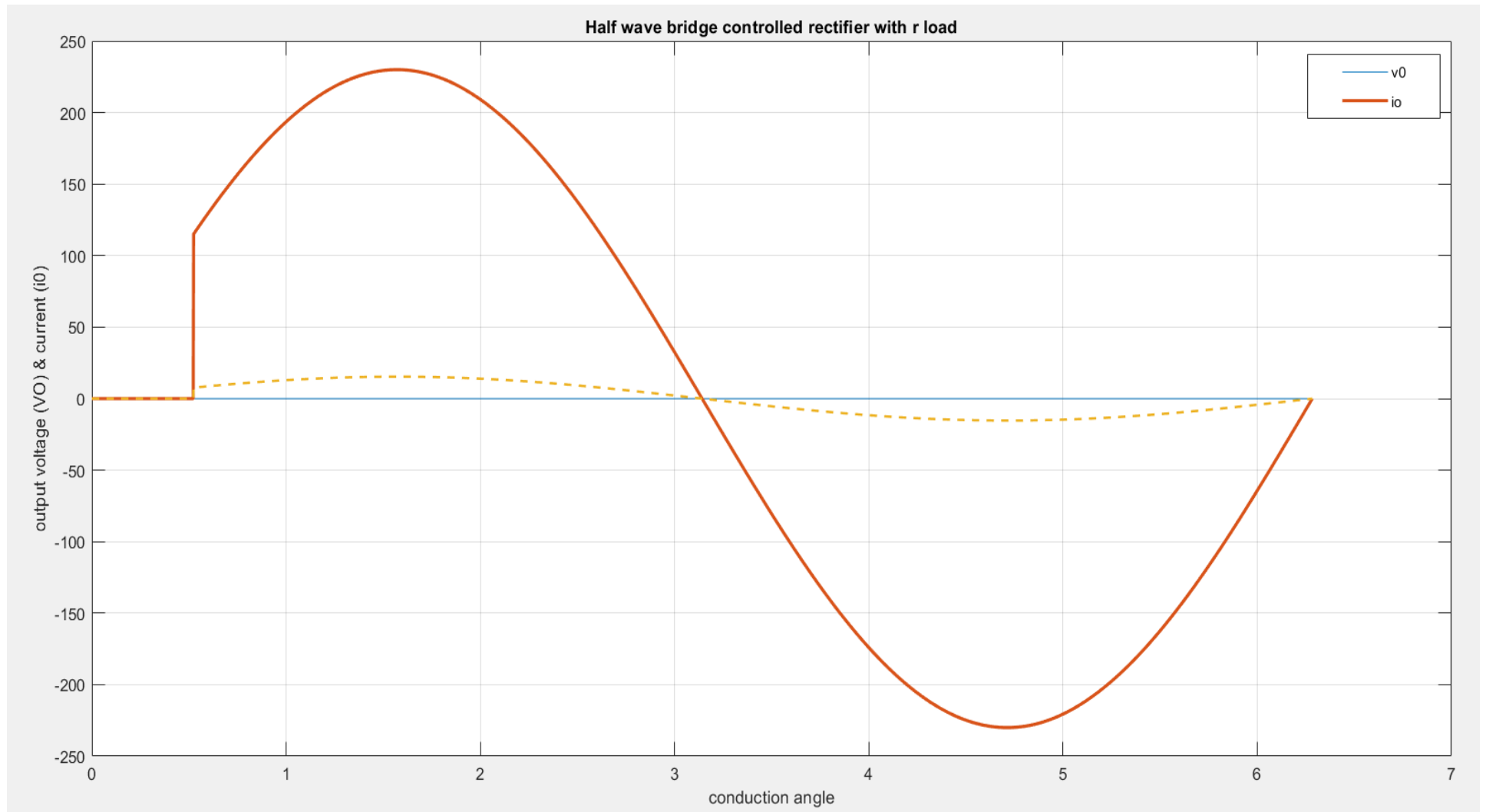
**Bode Diagram**



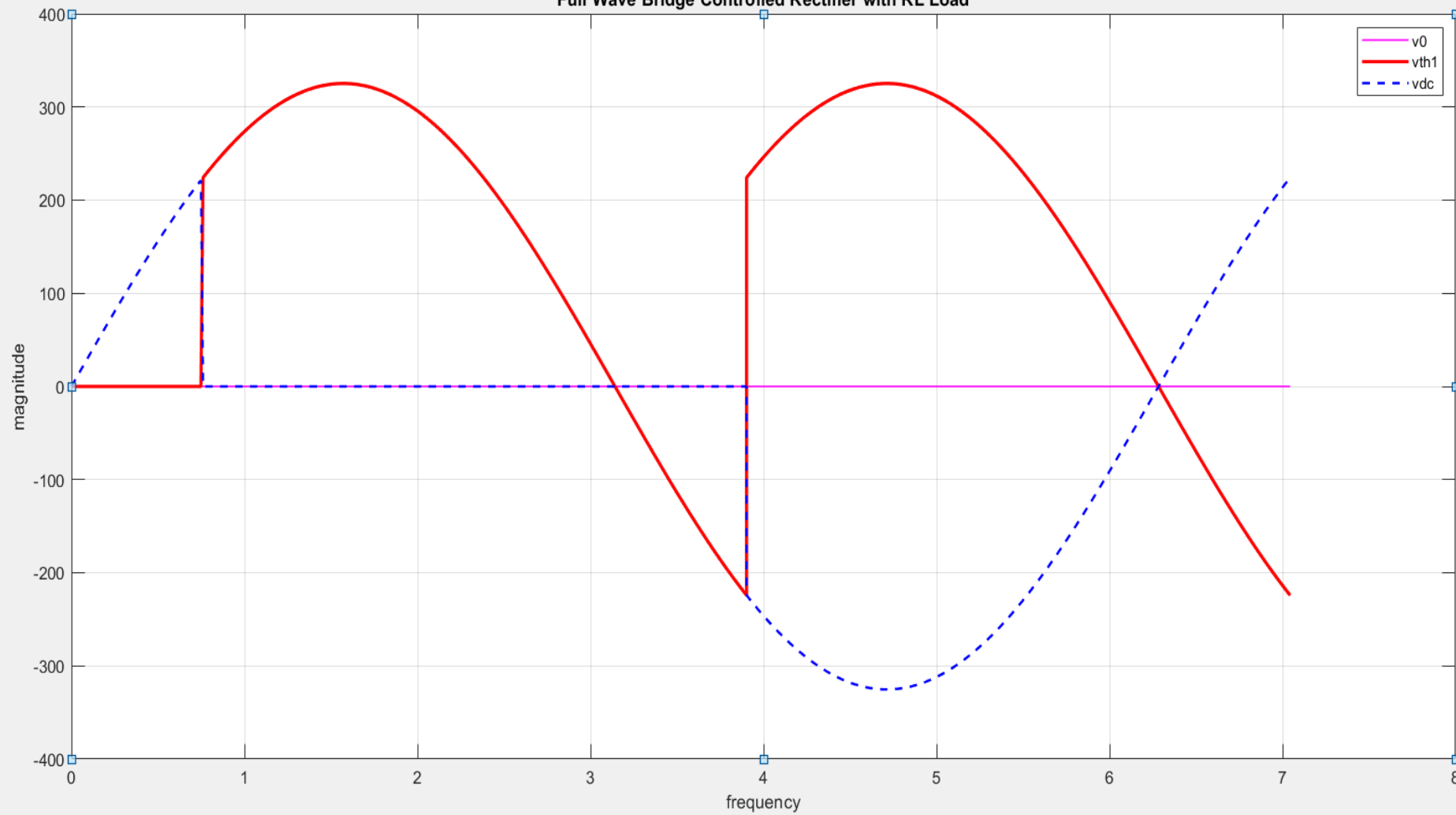
Full Wave Bridge Controlled Rectifier with R Load

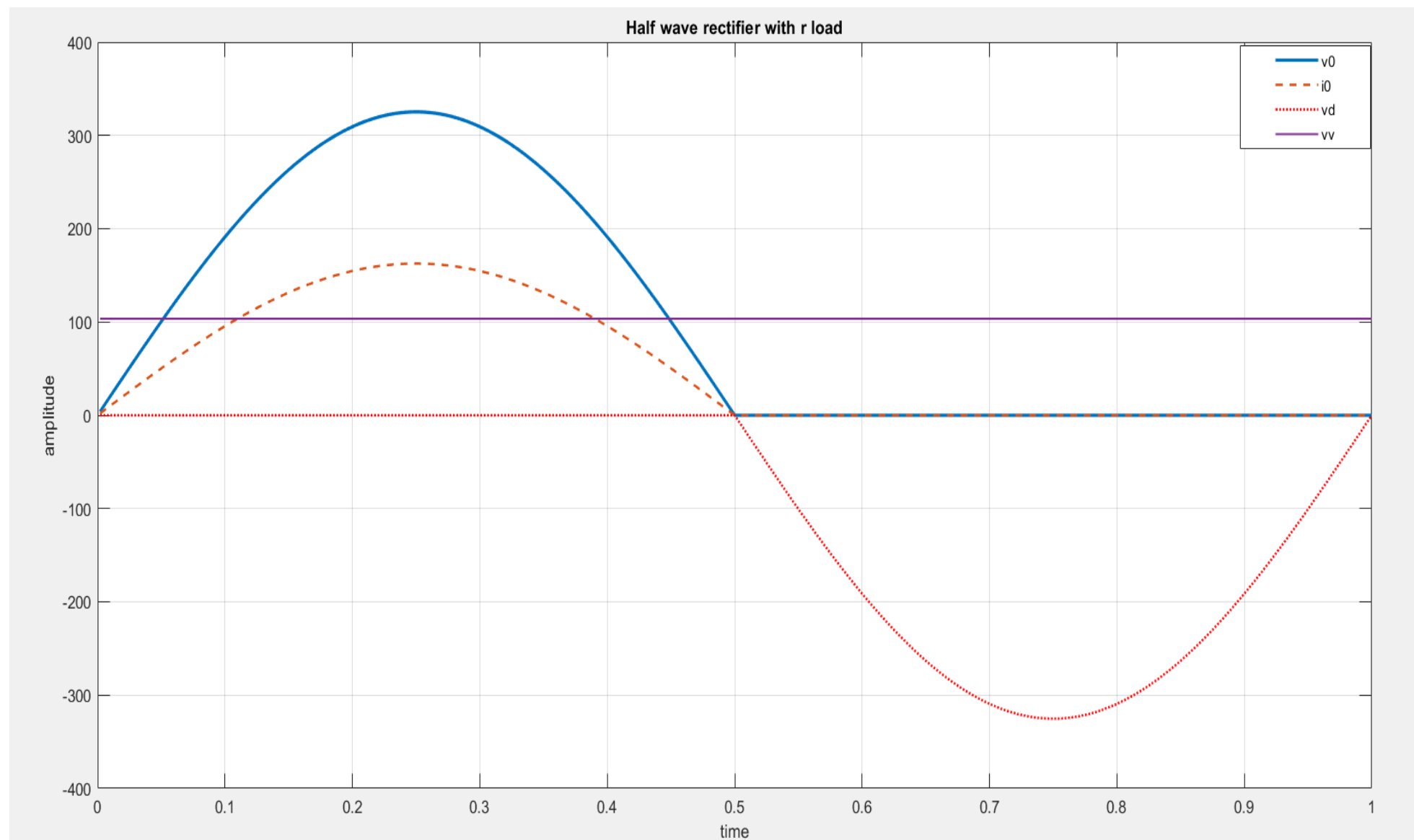




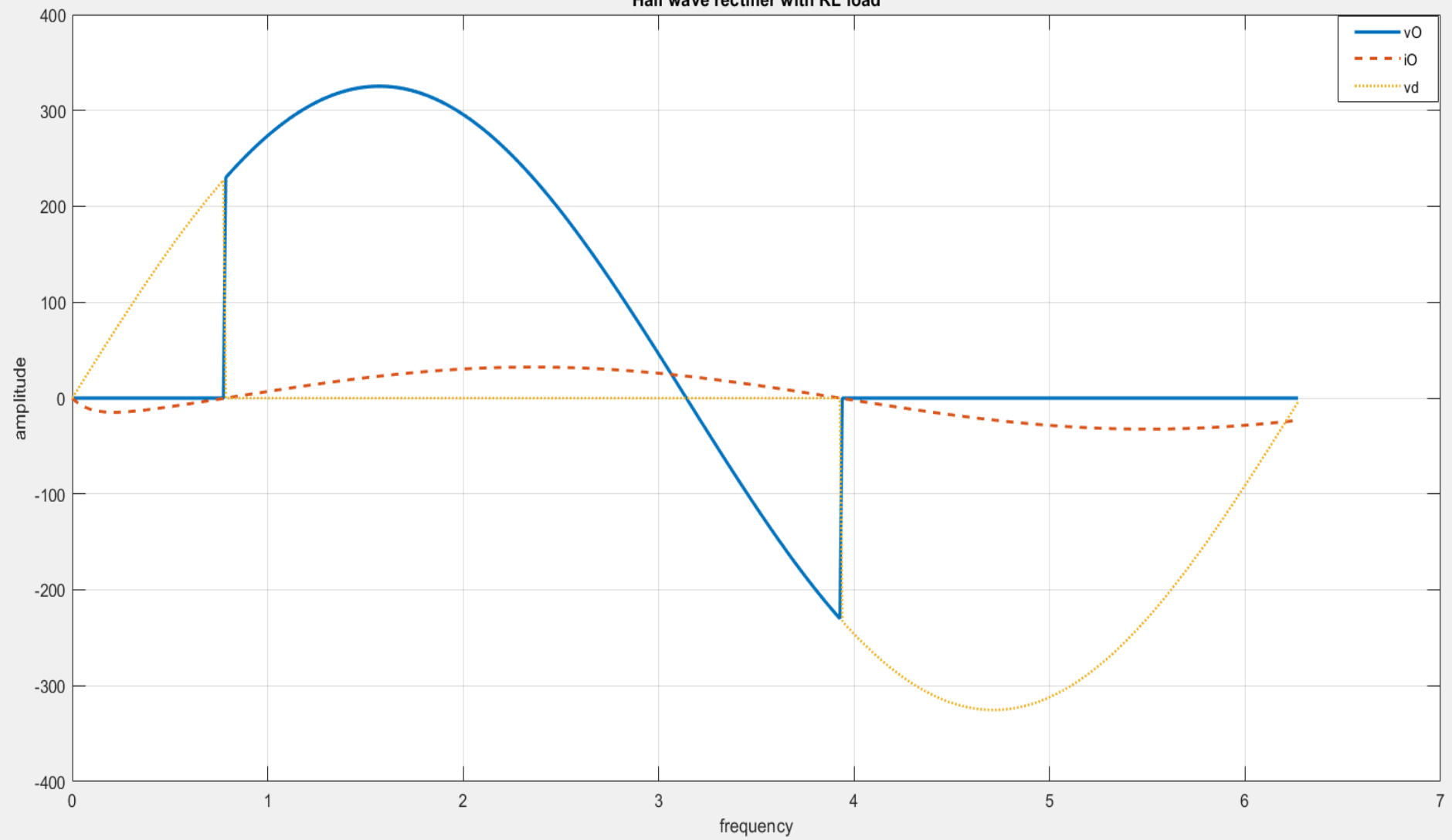


Full Wave Bridge Controlled Rectifier with RL Load

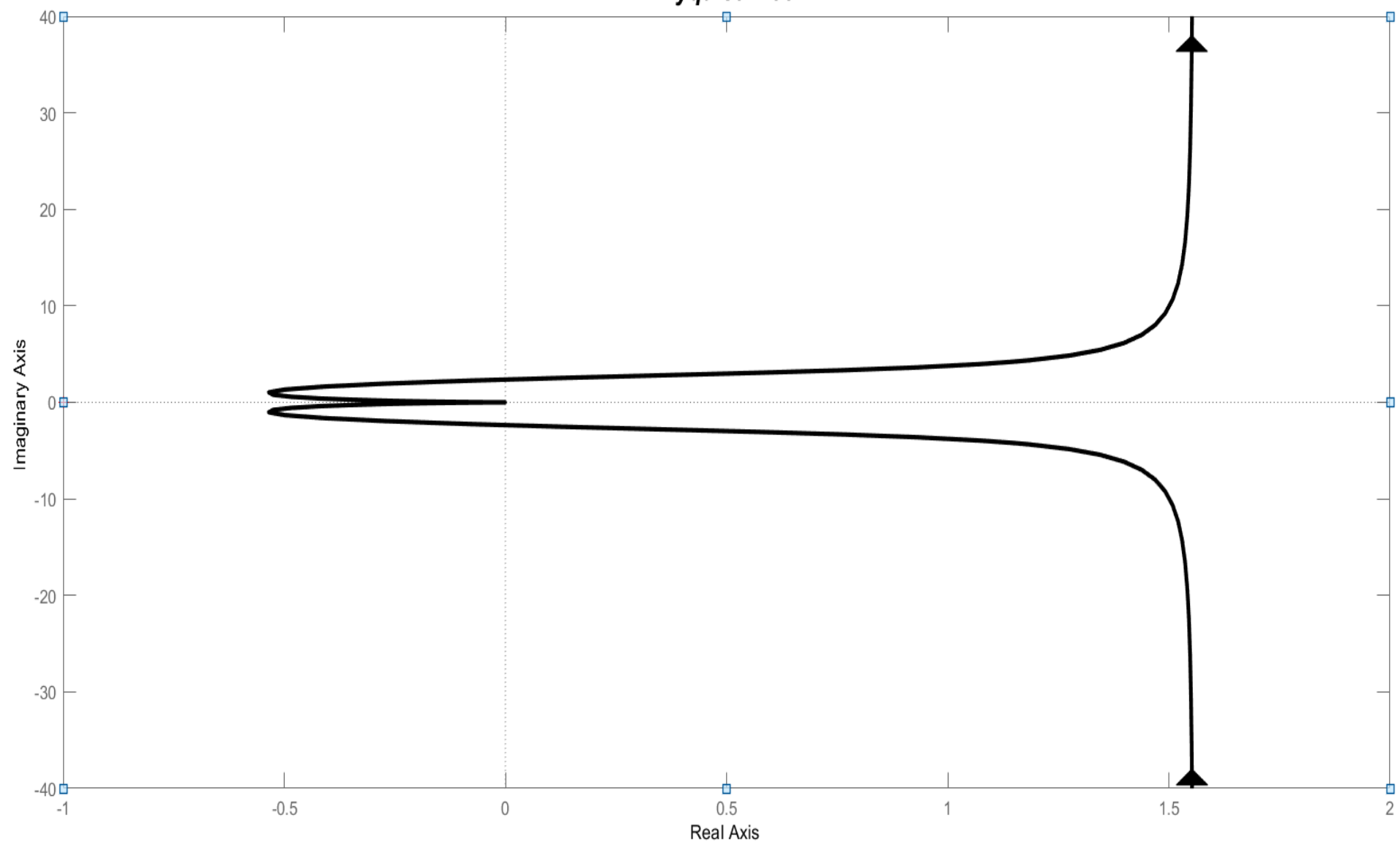




Half wave rectifier with RL load

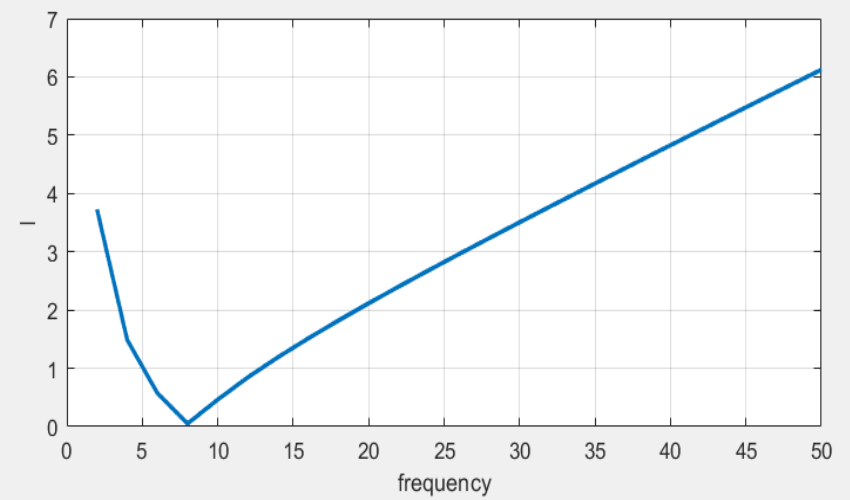
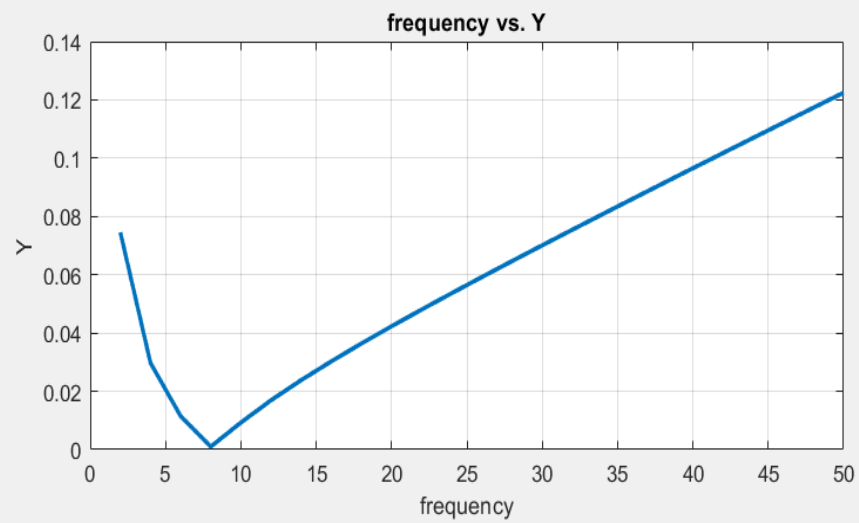
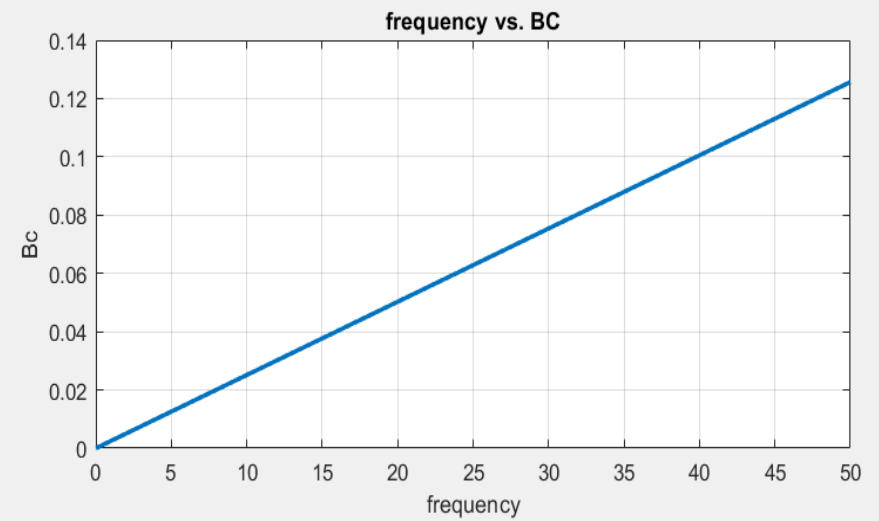
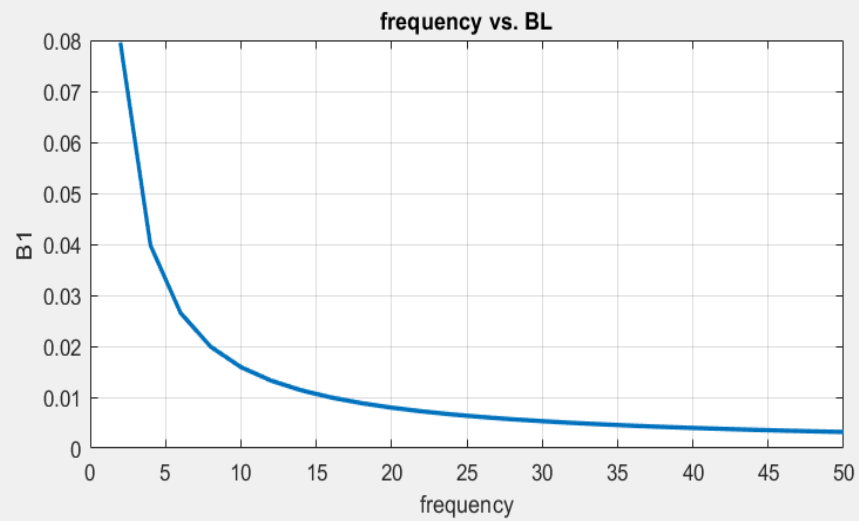


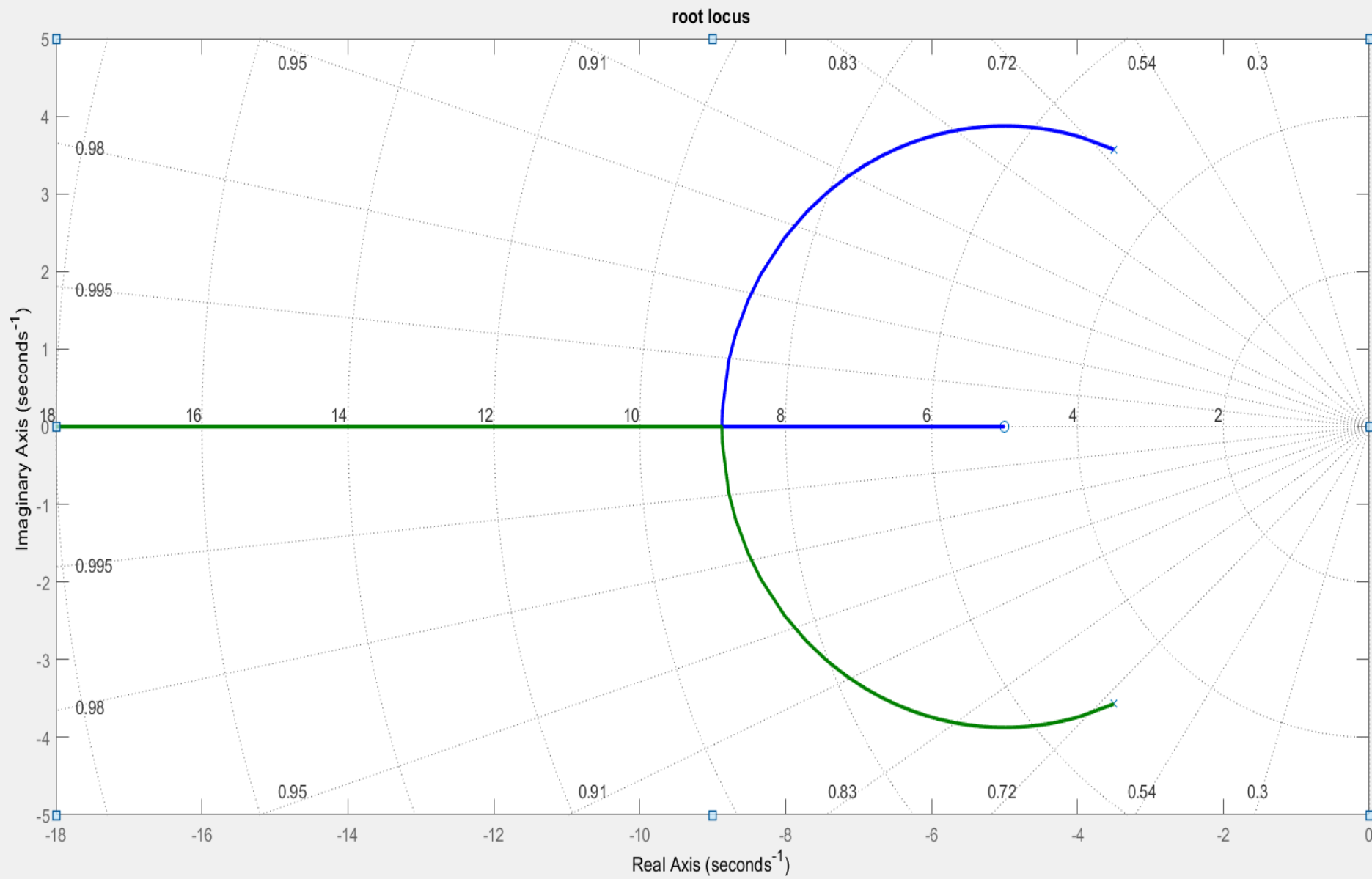
*Nyquist Plot*



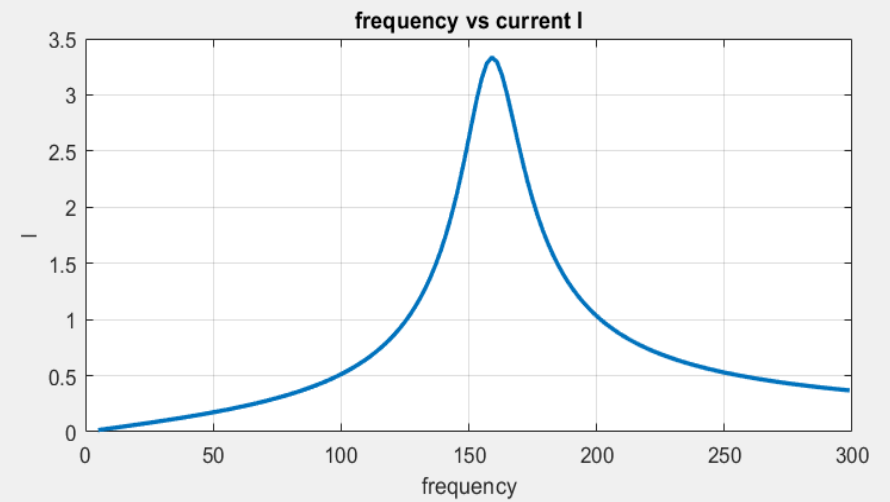
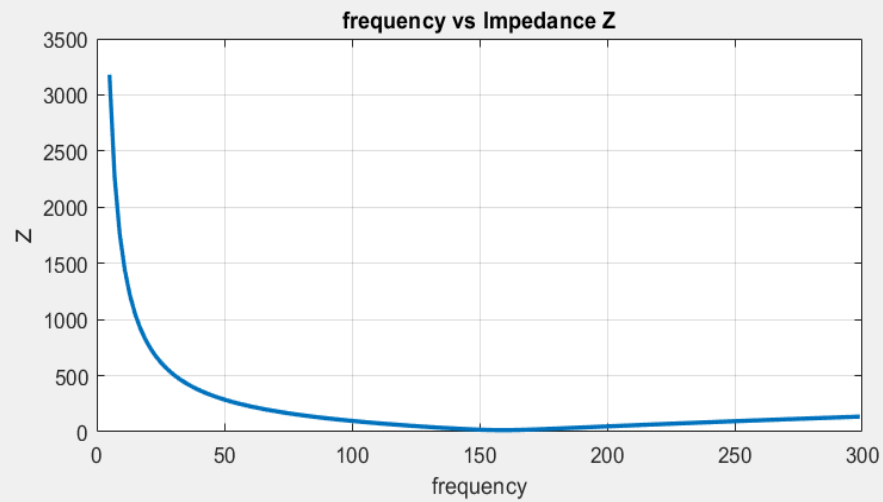
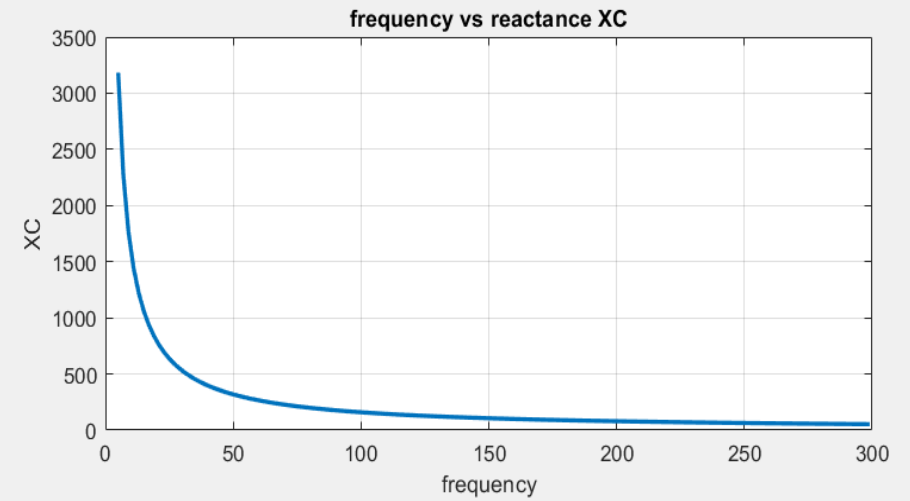
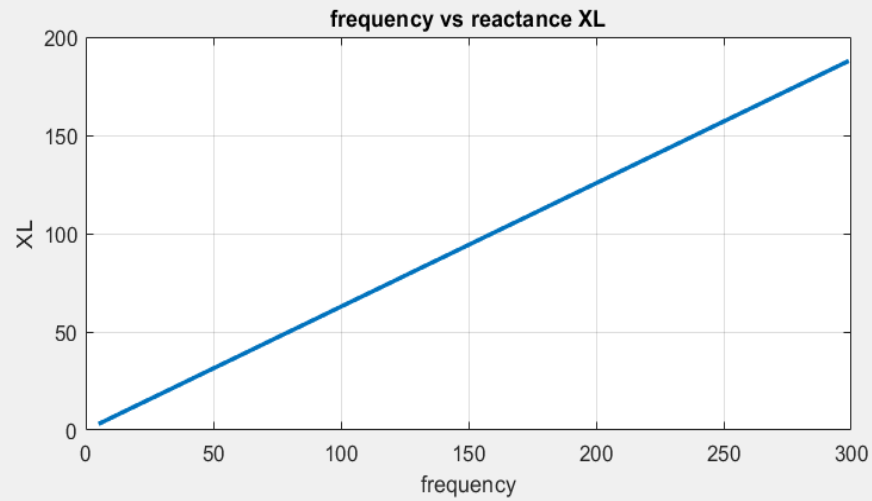


### Parallel Resonance

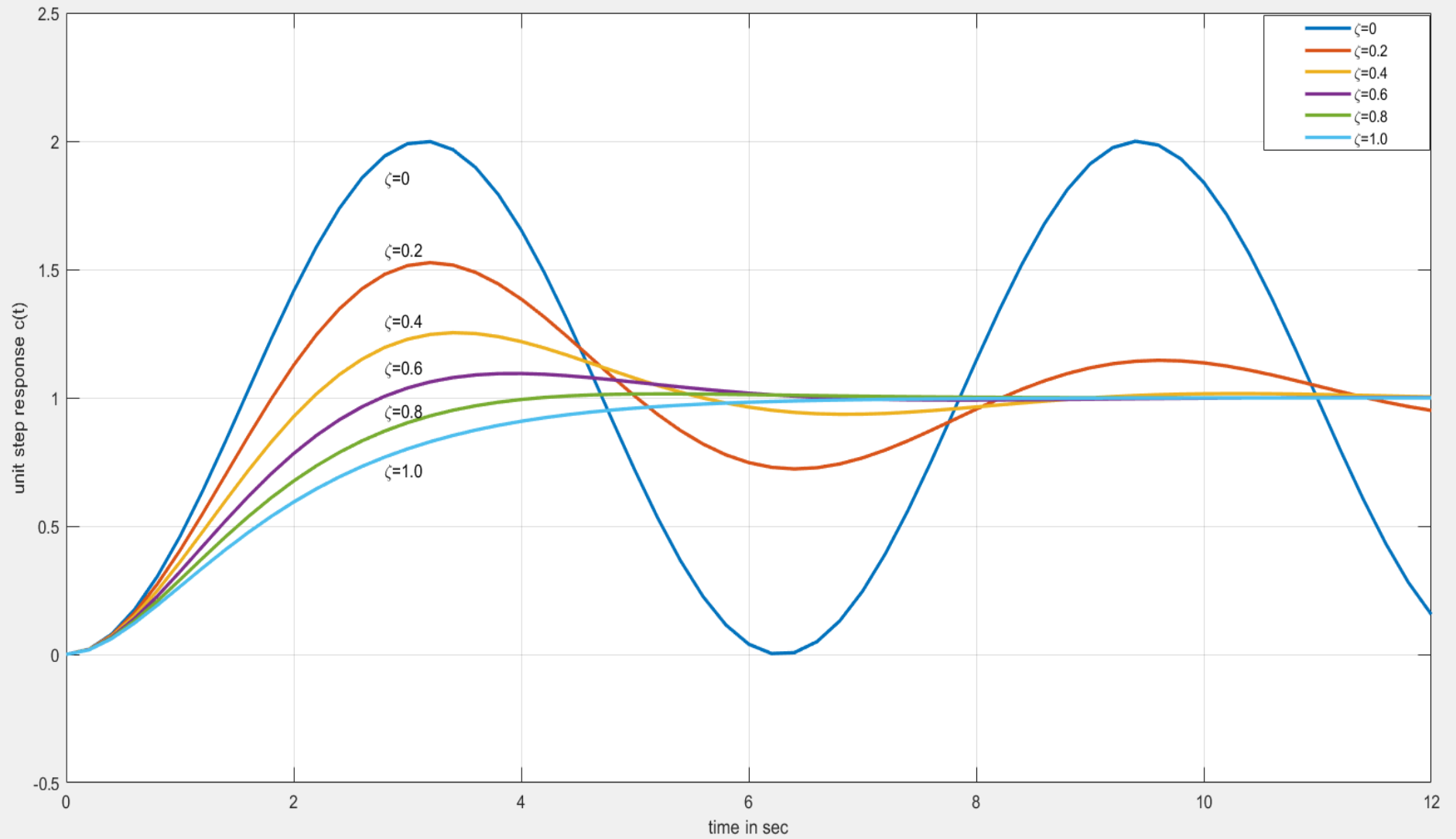




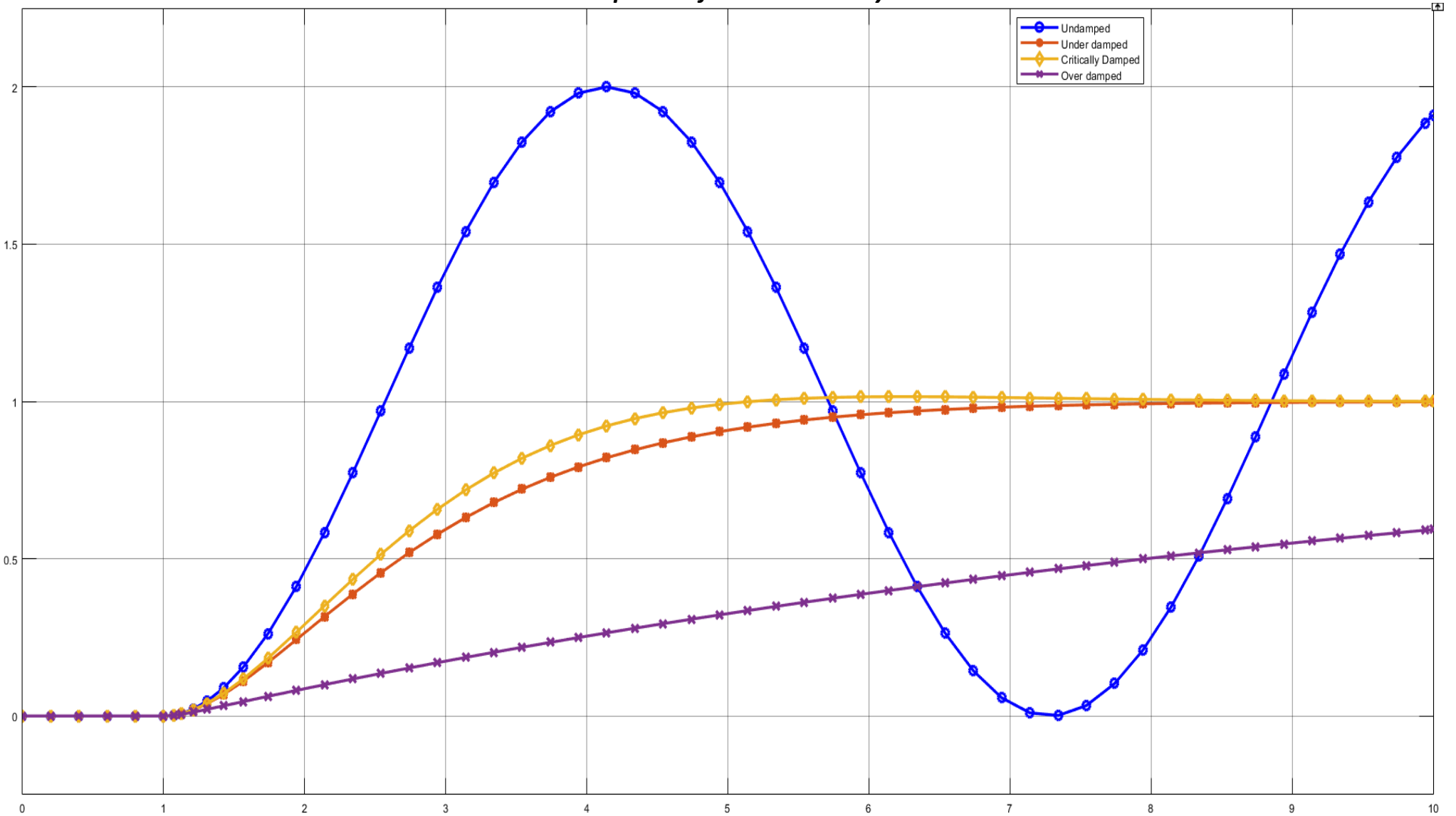
## series Resonance



### Unit Step Response



*Time Response of Second order system*



*Response of RLC circuit for Sinusoidal input*

