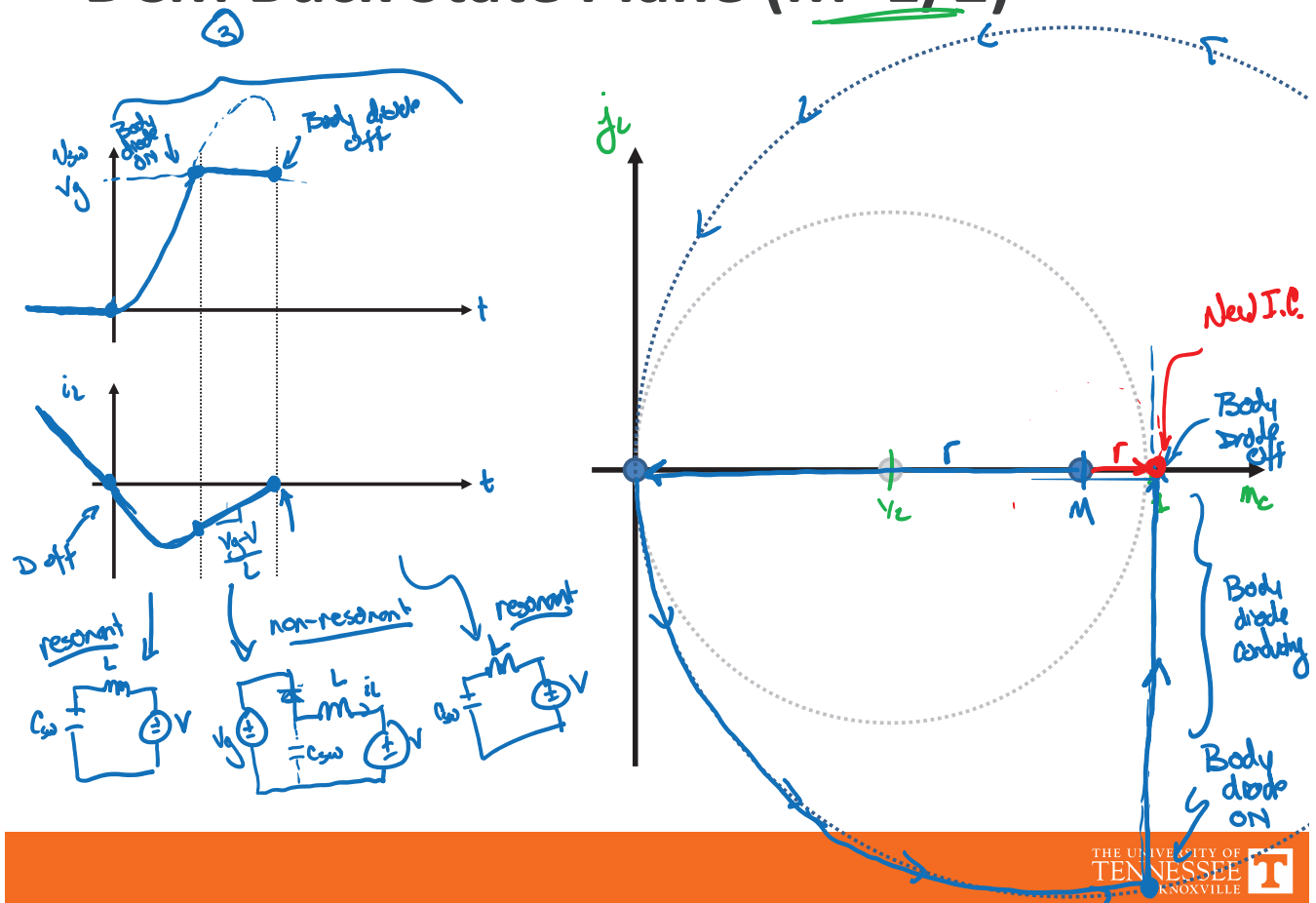
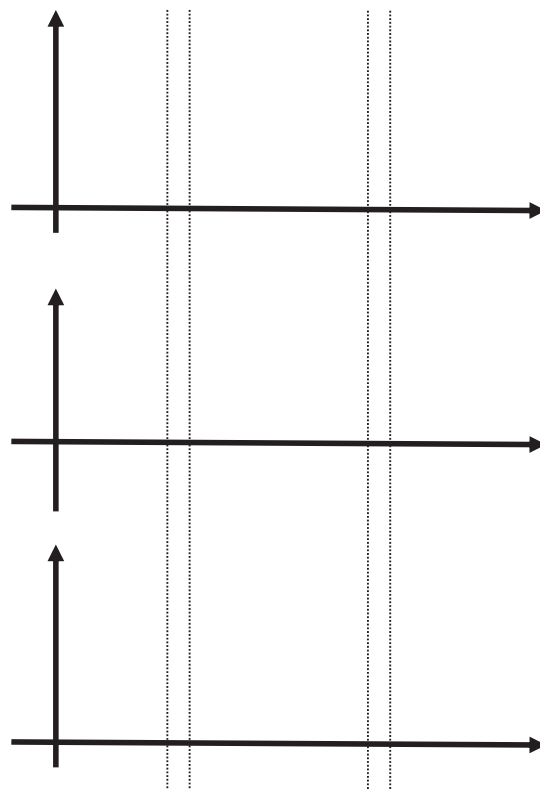
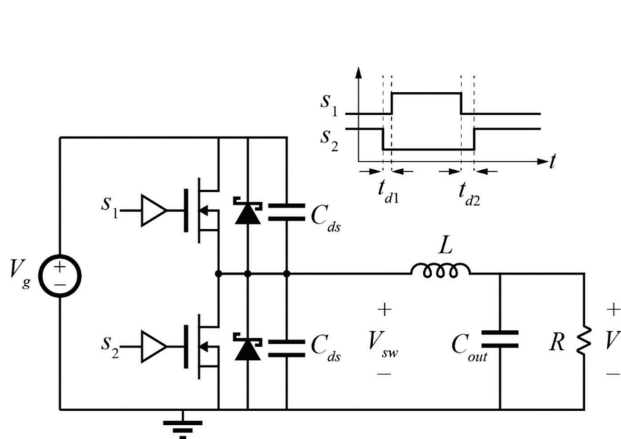


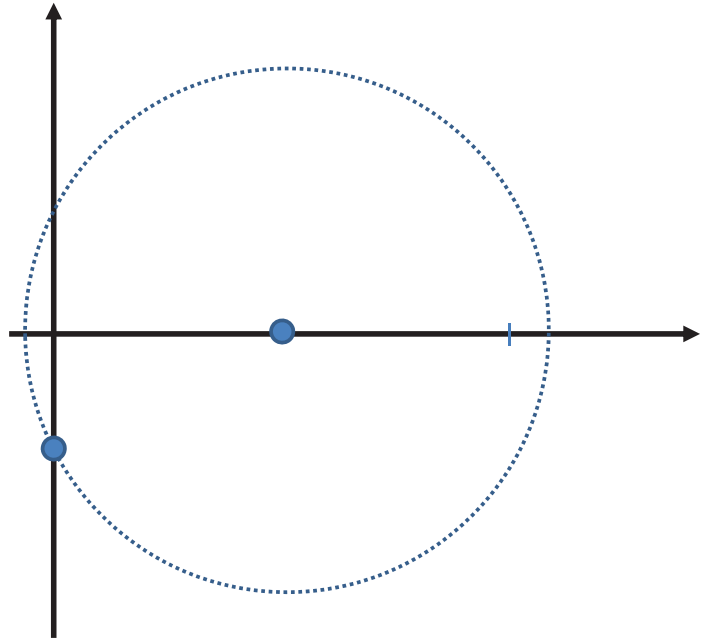
# DCM Buck State Plane ( $M > 1/2$ )



## Synchronous Buck Converter

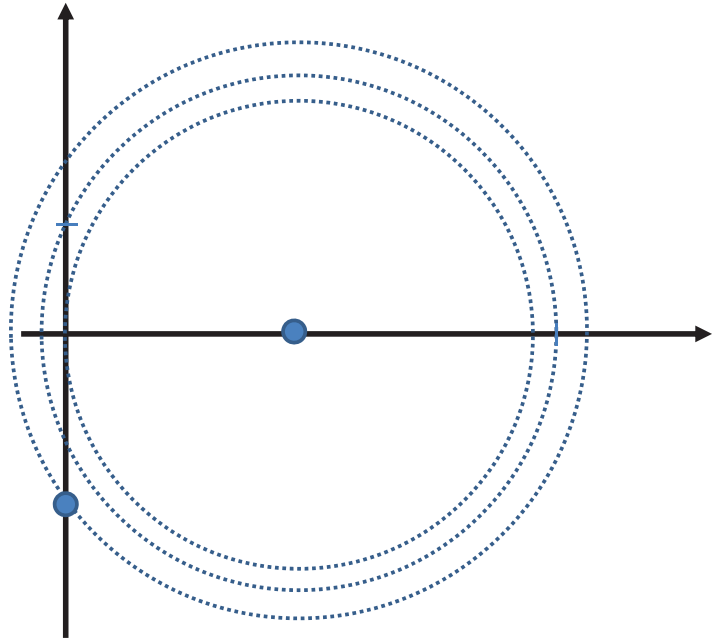


# Sync-Buck State Plane



## Sync-Buck ZVS Condition

# Sync-Buck State Plane (Ring out)



## Sync-Buck State Plane – ZVS

# Sync-Buck Complete State Plane

