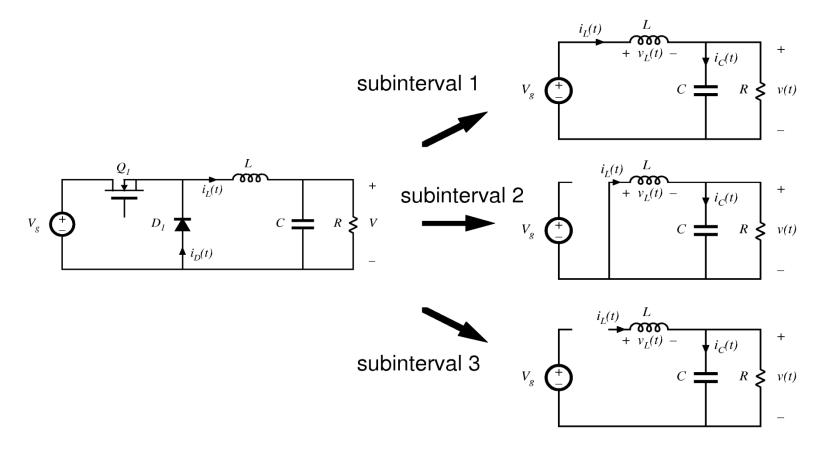
### **DCM/CCM Modes of Operation**

# $K_{crit}$ and $R_{crit}$

### **Small-Ripple Modifications in DCM**

#### **Buck Converter in DCM**

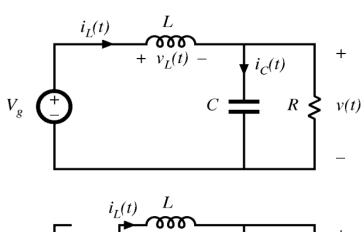


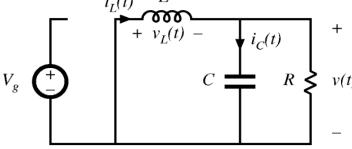
Fundamentals of Power Electronics

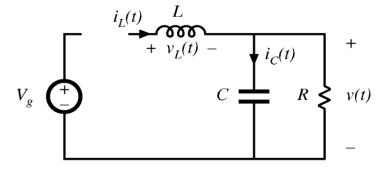
11

Chapter 5: Discontinuous conduction mode

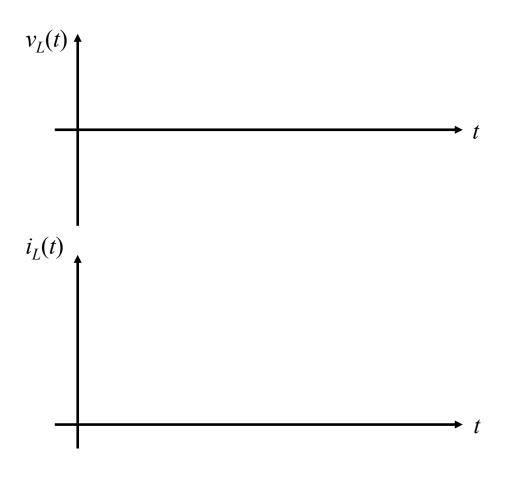
### **Subinterval Analysis**







#### **Waveforms in DCM**



## Solving M(D,K)