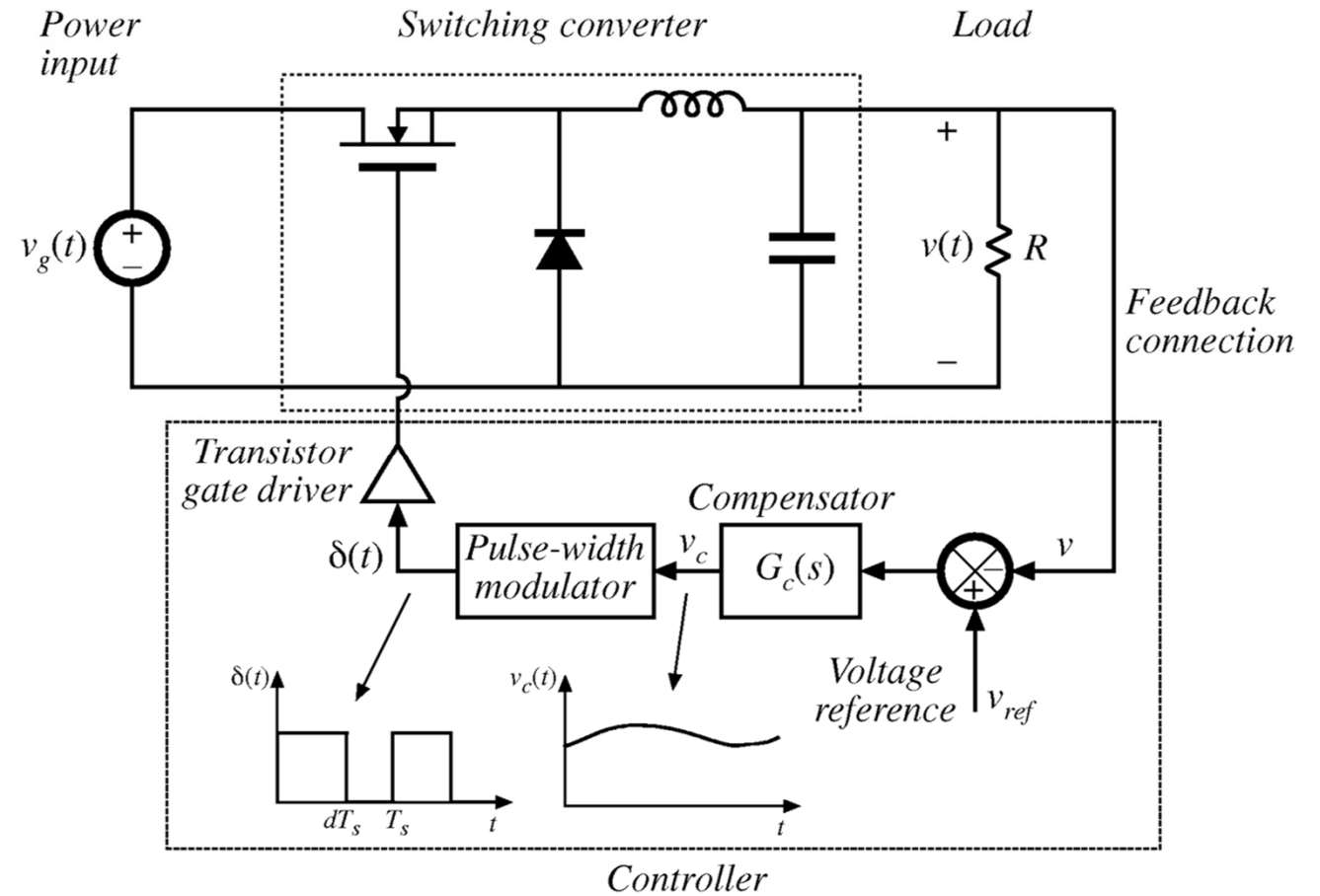
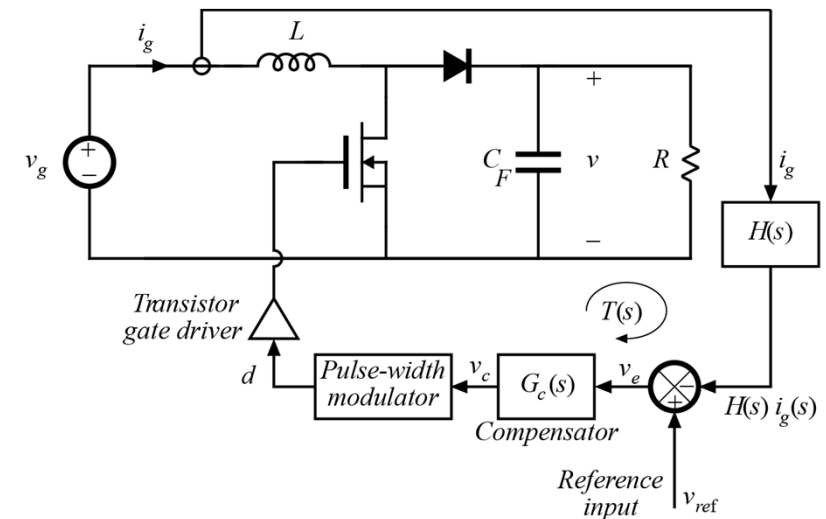
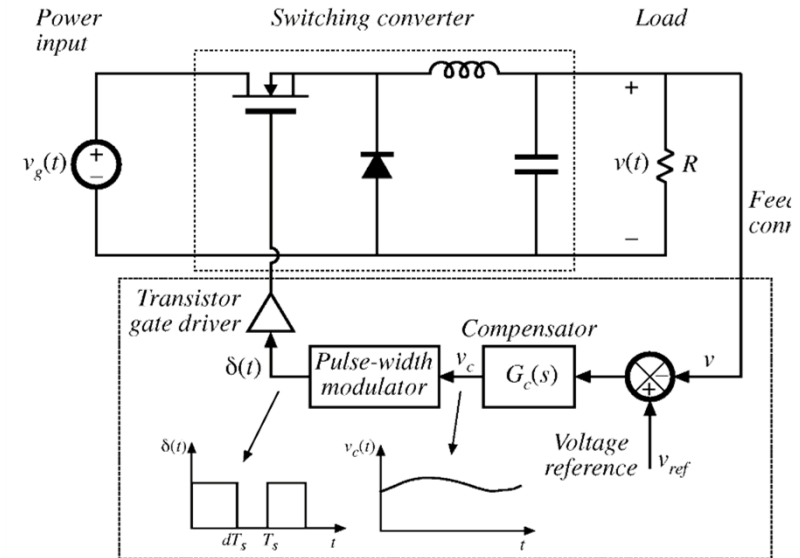


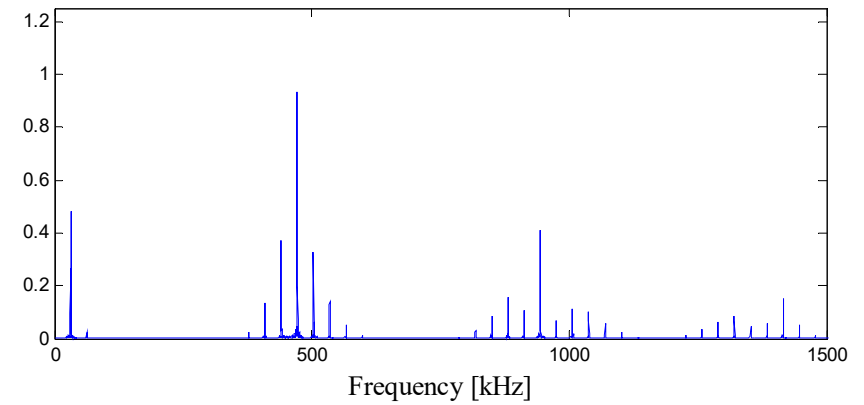
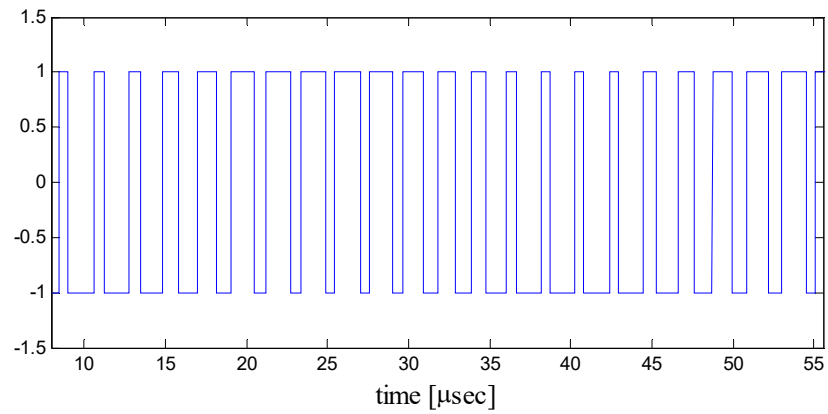
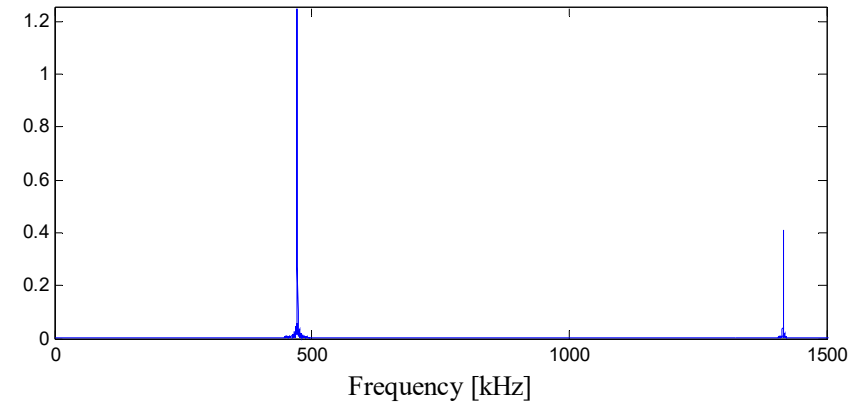
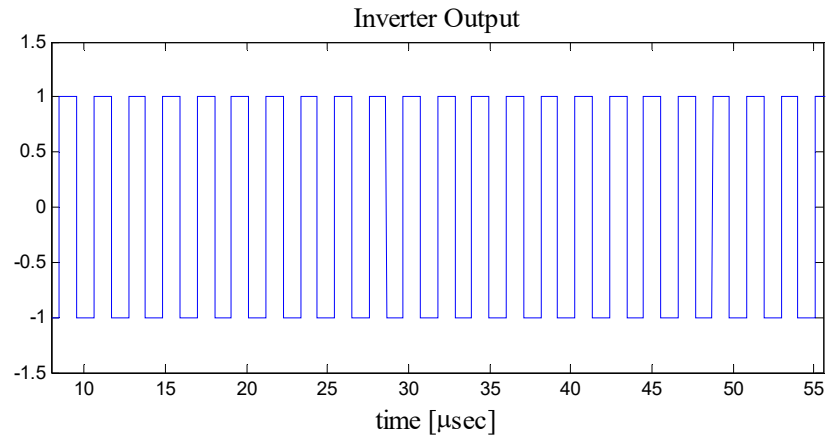
Dynamic Modeling Introduction



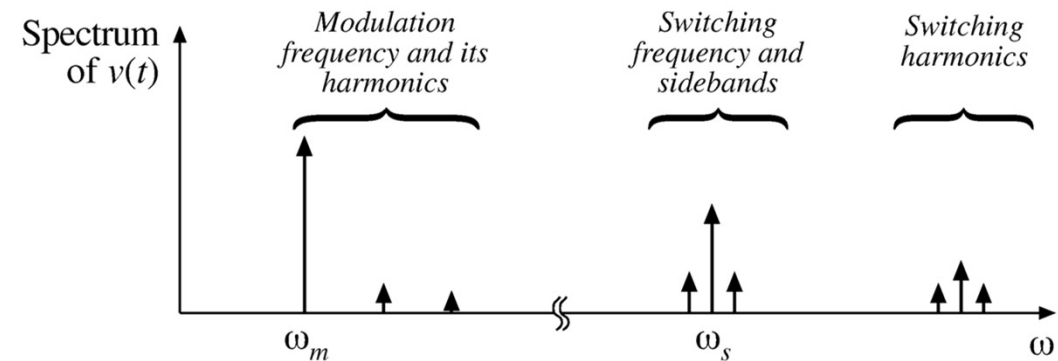
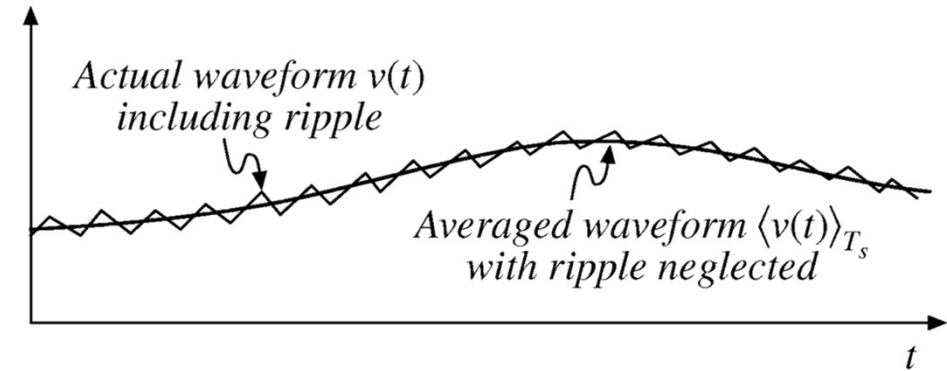
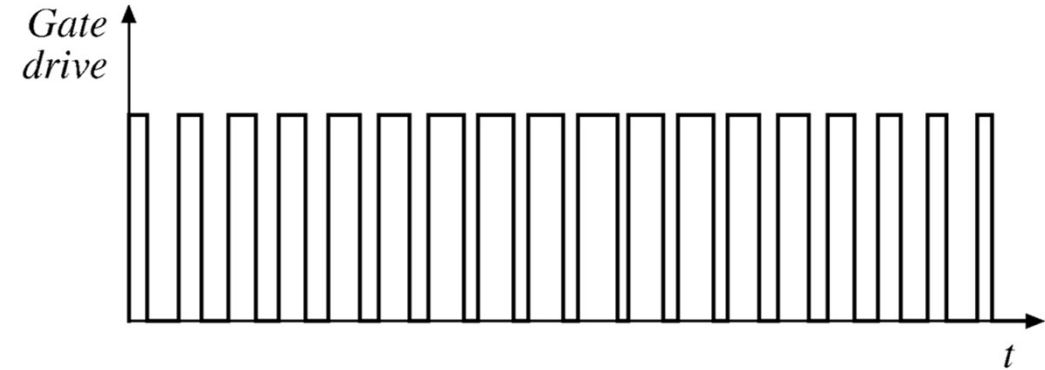
Control Objectives and Inputs



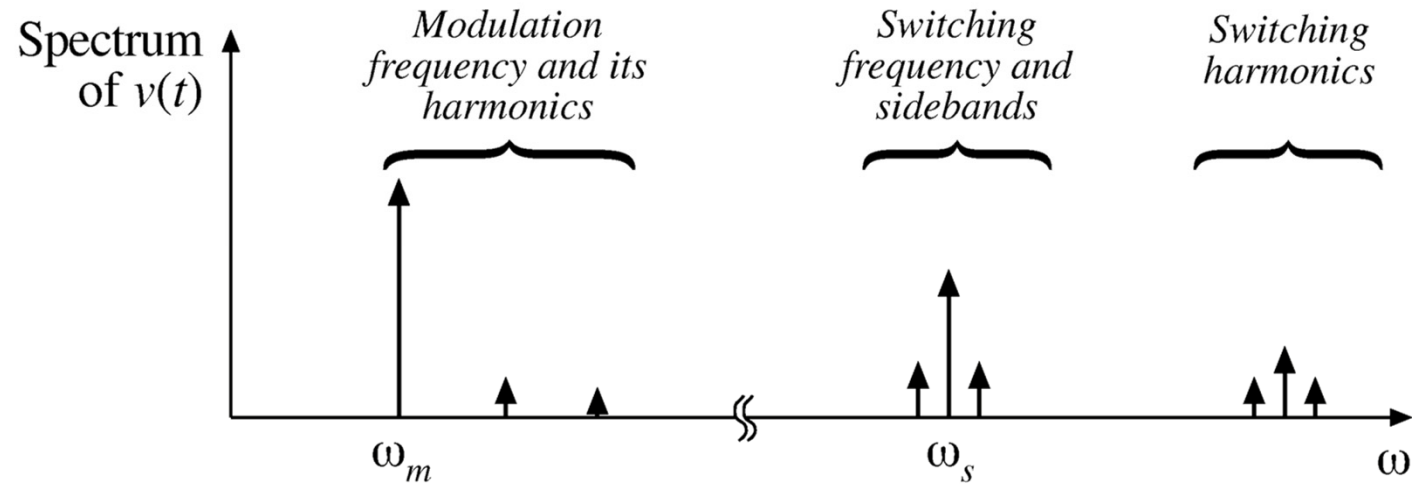
PWM Spectrum



Neglecting The Switching Ripple



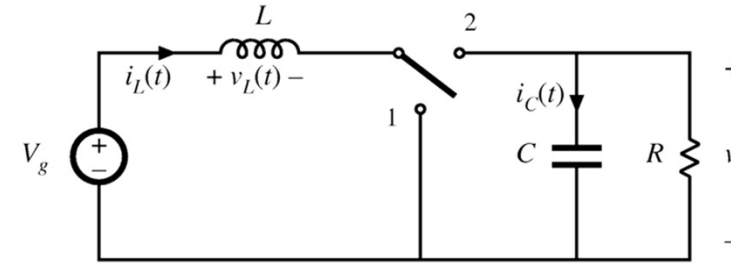
Output Voltage Spectrum



Objectives of AC Modeling

Low-frequency Averaging

Averaging in Steady-State



Averaging in Transient Operation

