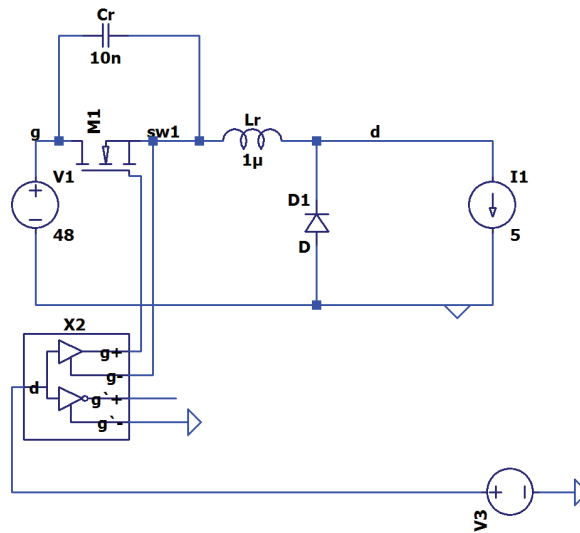
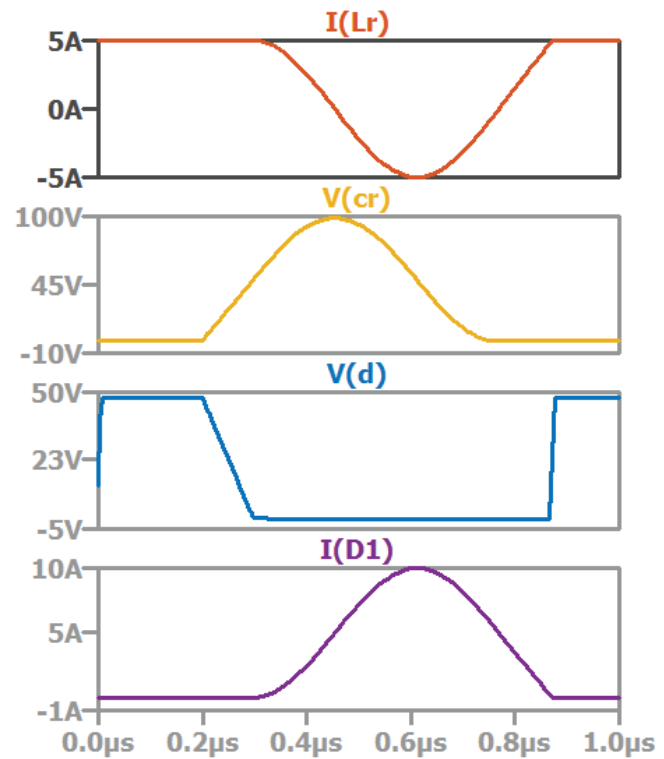
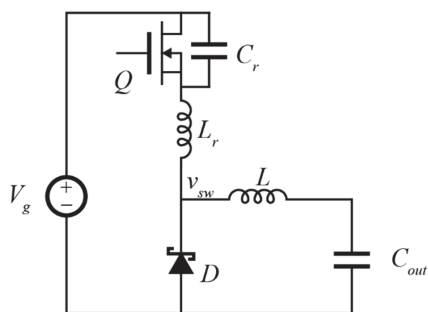


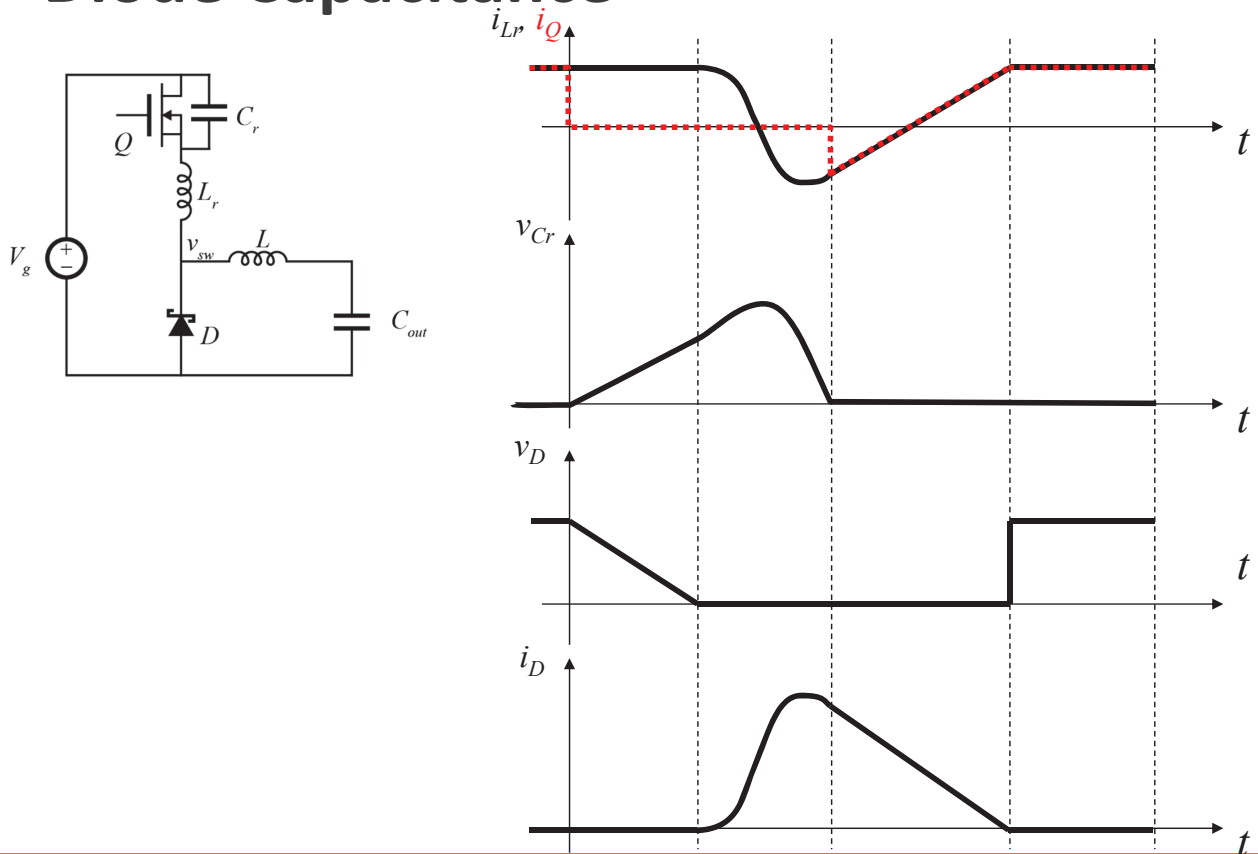
Test Circuit



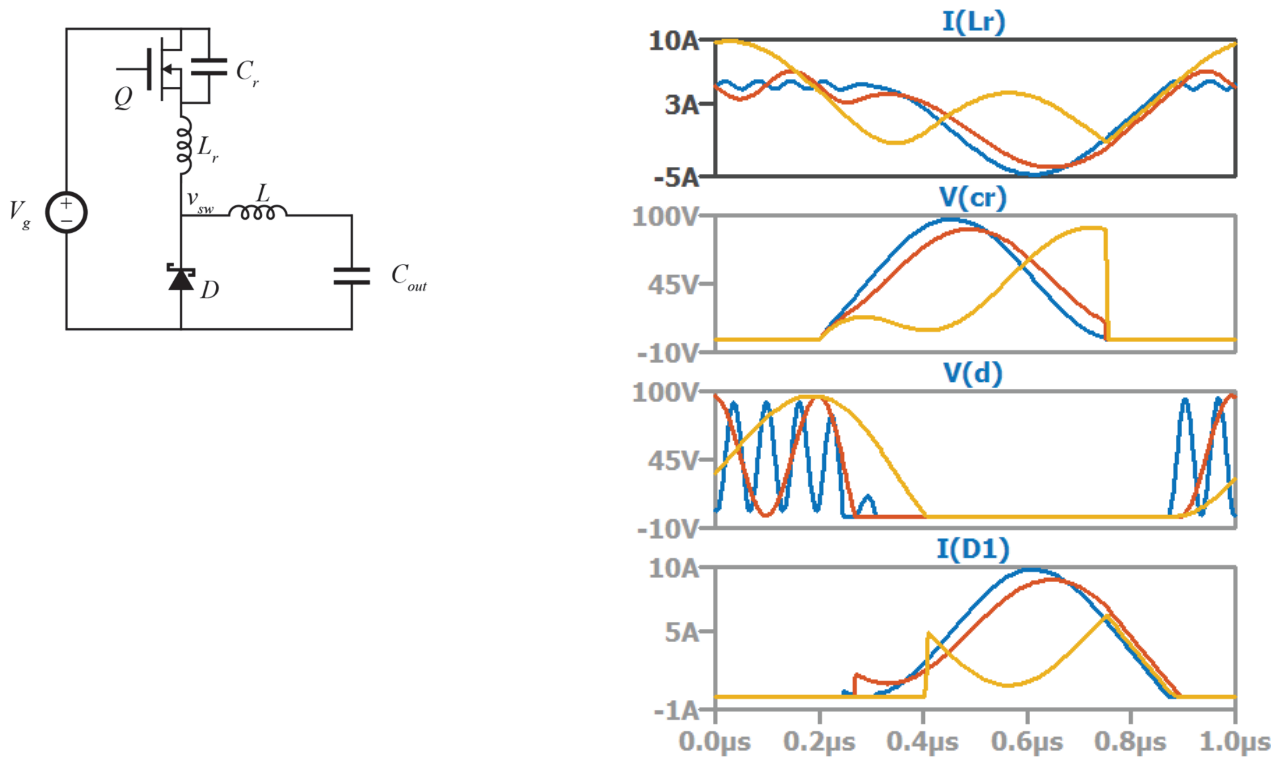
Simulation Results



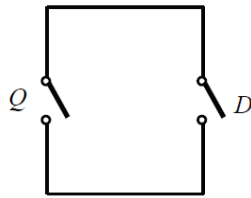
Diode Capacitance



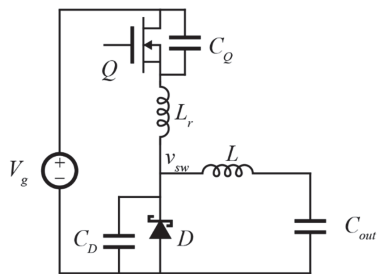
Simulation Results: Diode Capacitance



Wishlist: Multi-Resonant



ZVS-MR Buck



Operating Modes

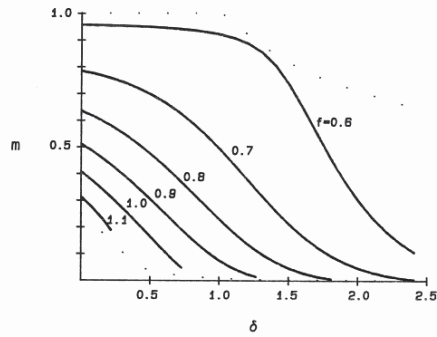


Figure 10.7: Load-to-output DC characteristics of a ZV-MR converter operating in modes (I, II)₁.

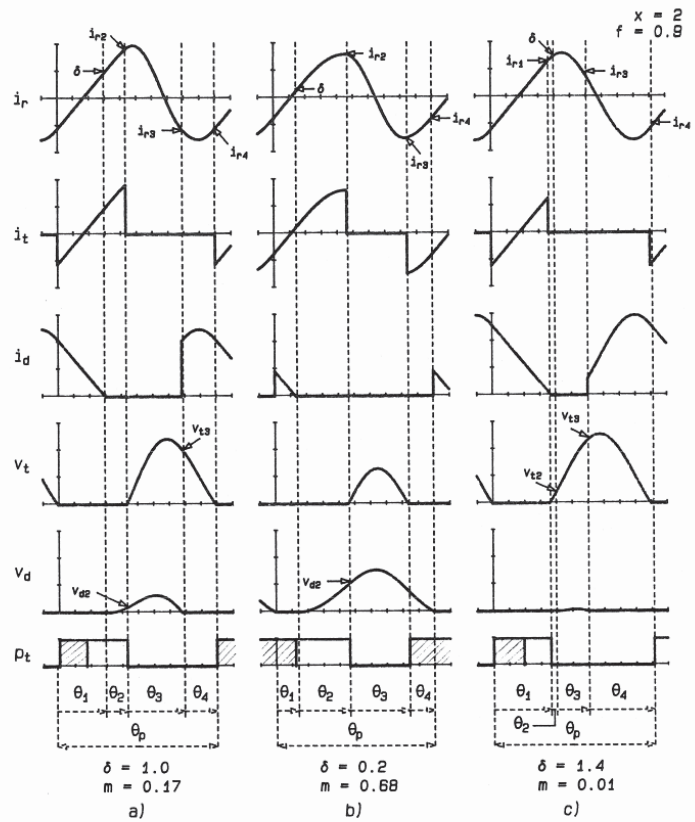
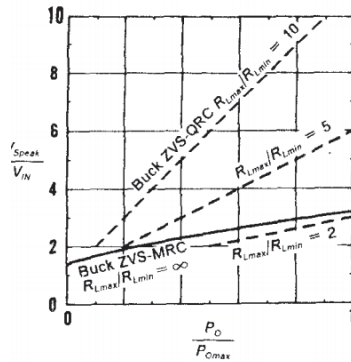
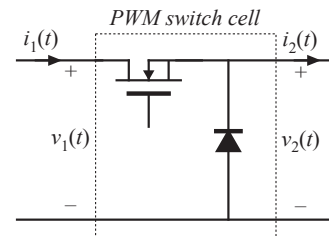
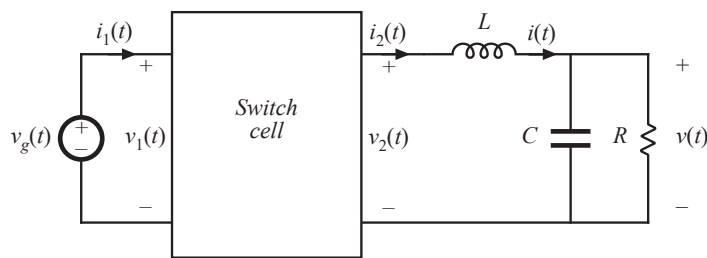


Figure 10.9: Typical waveforms for a ZV-MR converter operating in modes I₁ (a), II₁ (b) or III₁ (c).

D Maksimovic, "Synthesis of PWM and Quasi-Resonant DC-to-DC Power Converters," Ph.D. Thesis, CalTech 1989

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Identification of Resonant Switch



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Switching Cell Conversion Ratio

