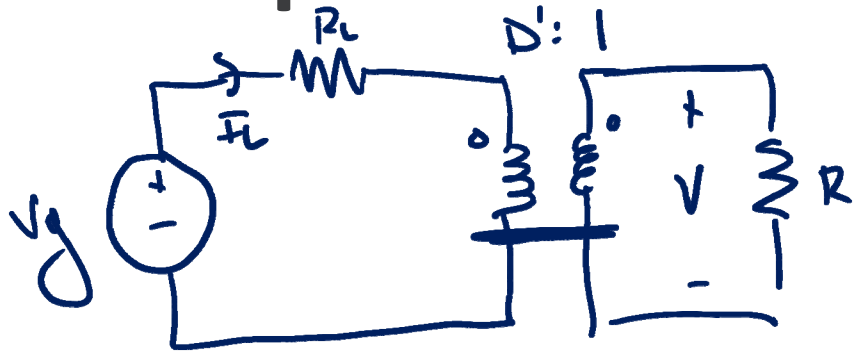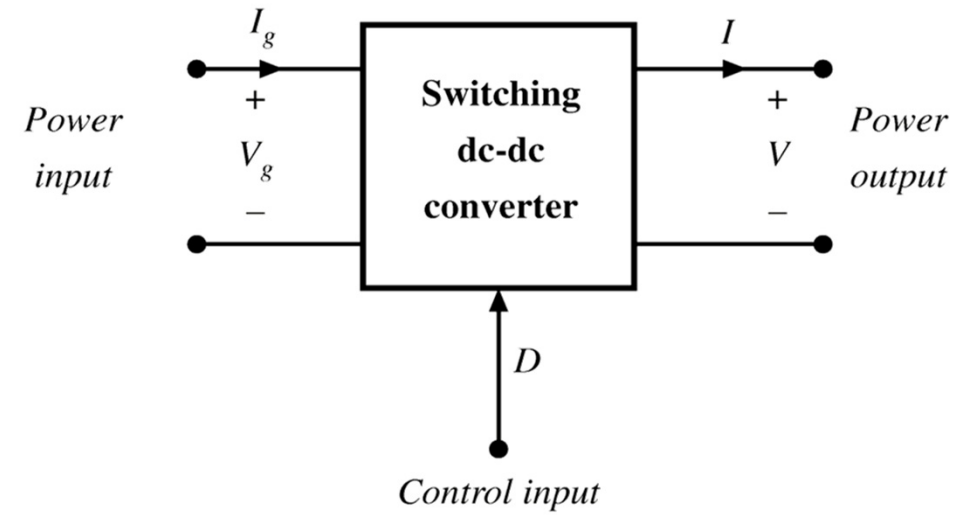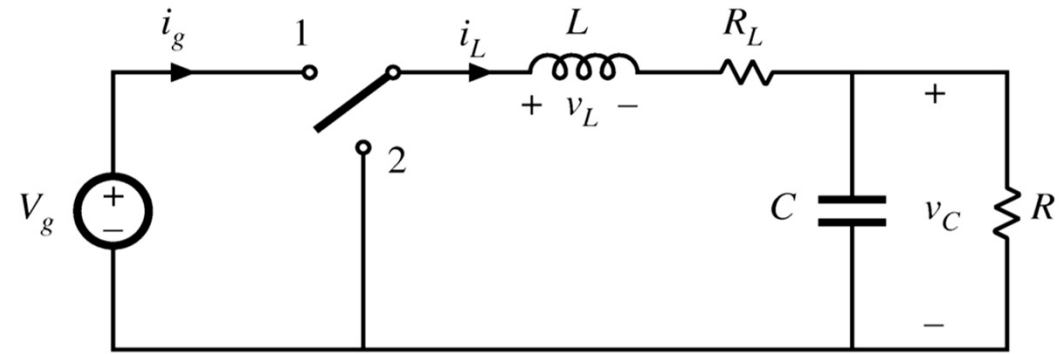# Boost Equivalent Circuit Model

The DC Transformer Model
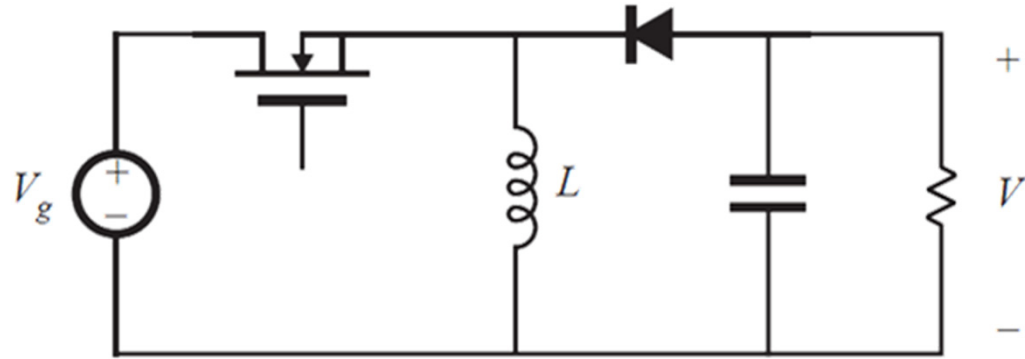
Buck Converter: Input Port Model

Input Port Equivalent Circuit

Semiconductor Conduction Loss Models

Buck-Boost Converter with Nonideal Semiconductors

Equivalent Circuit Model