(2) Linearization Via Taylor Series Expansion

Boost Converter Equivalent Circuit Modeling
Buck Boost AC Modeling

Buck-boost converter example

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Buck-Boost Small-Signal AC Equivalent Circuit

7.2.8 Results for Several Basic Converters
7.2.9: Nonideal Flyback Modeling

Flyback converter example

- MOSFET has on-resistance $R_{on}$
- Flyback transformer has magnetizing inductance $L$, referred to primary

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