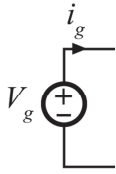# Introduction to AC-link topologies

i_g

V_g $\oplus$

i_o

P_{out}
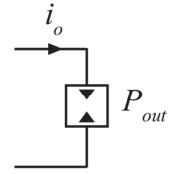
DC-Transformer (DCX)

i_g

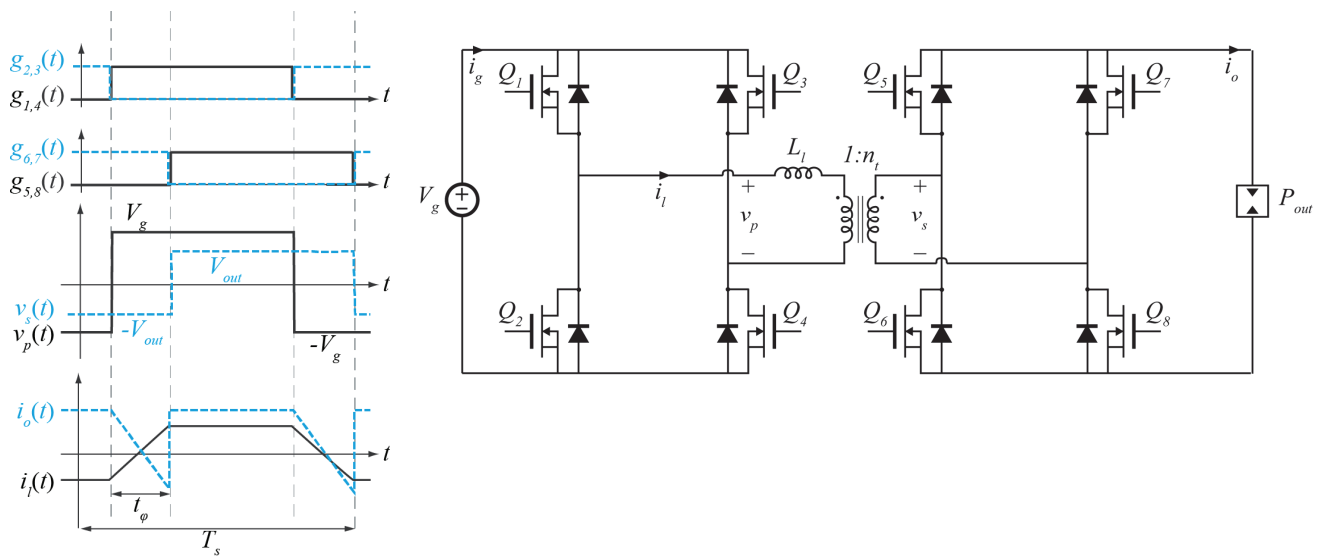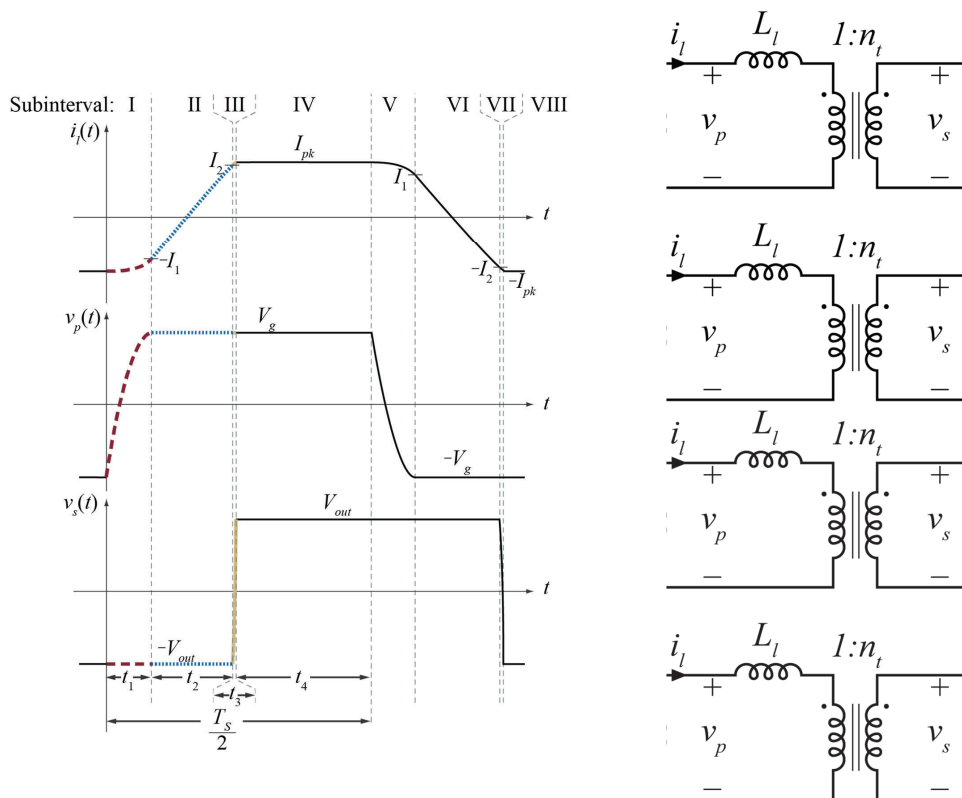V_g $\oplus$
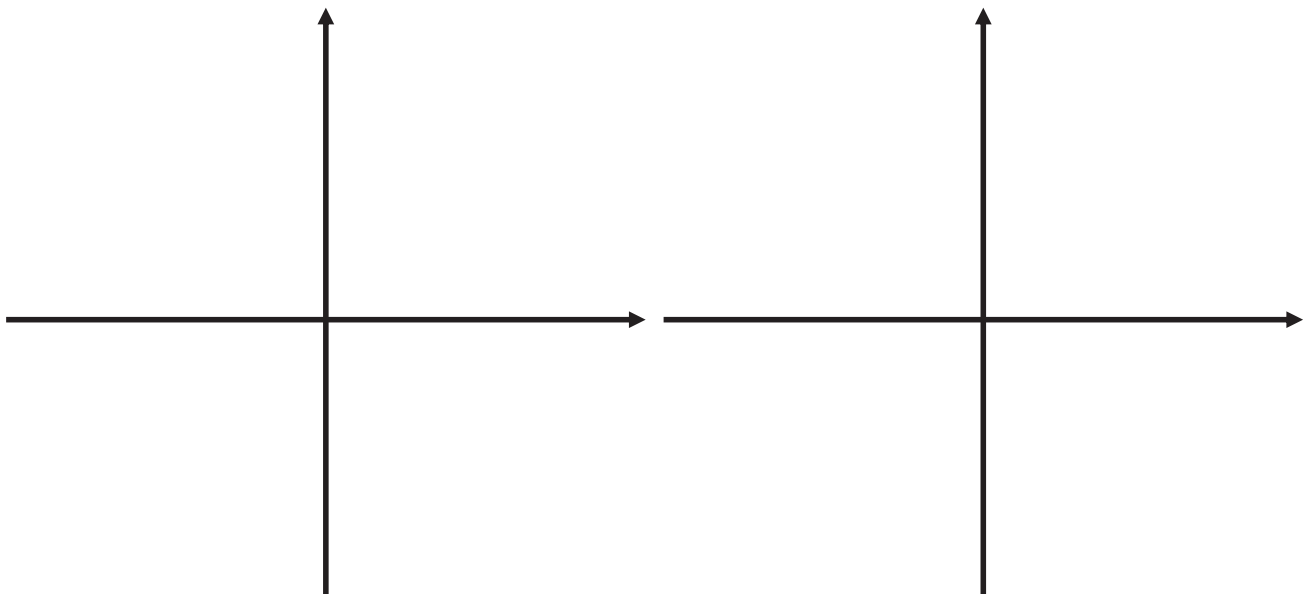
i_o

P_{out}
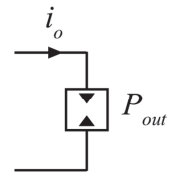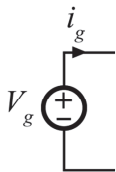
Dual Active Bridge
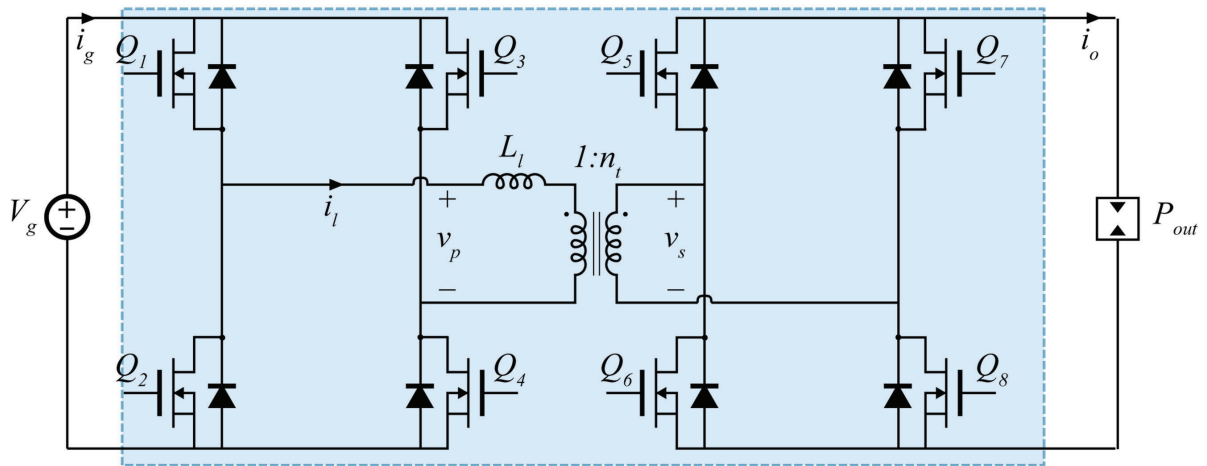
Switching Behavior (PSM)

DAB Operation Analysis

DAB State Plane

ZVS Condition