Introduction to AC-link topologies

\[ V_s \]

\[ i_s \]

\[ i_o \]

\[ P_{out} \]
Dual Active Bridge

Switching Behavior
DAB Operation Analysis

DAB State Plane
ZVS Condition

State Plane Solution

\[ I_{\text{base}} = V_{g} \sqrt{\frac{C_{L}}{L_{i}}} \]
Averaging Step