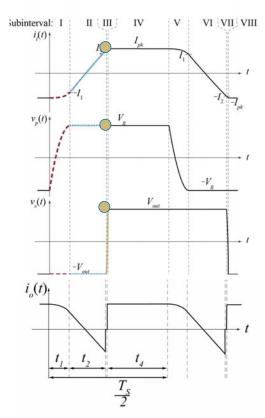


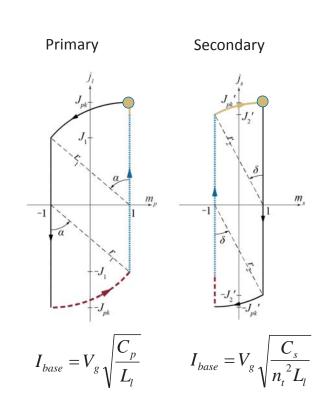
DAB State Plane

January 1

Janua

## **State Plane Analysis of DAB Converter**





THE UNIVERSITY OF TENNESSEE T

## **ZVS Condition**

Primary:

[] = 5pt > 2

Ipt | [] > 2

Ipt | [] > 2

Ipt | [] | Cp | Cp |

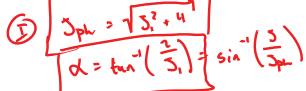
-will be the at light (Ipt) | [pt] | Cp |

load:

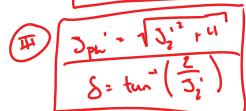
-want large | pter a wide the transport of operation

Cur always achieve the two made of operation

**Plane Solution** 



Primary



$$J_{pk}$$
 $J_{2}$ 
 $J_{nk}$ 
 $J_{2}$ 
 $J_{nk}$ 

$$I_{base} = V_g \sqrt{\frac{C_p}{L_l}}$$

$$I_{base} = V_g \sqrt{\frac{C_s}{n_t^2 L_l}}$$