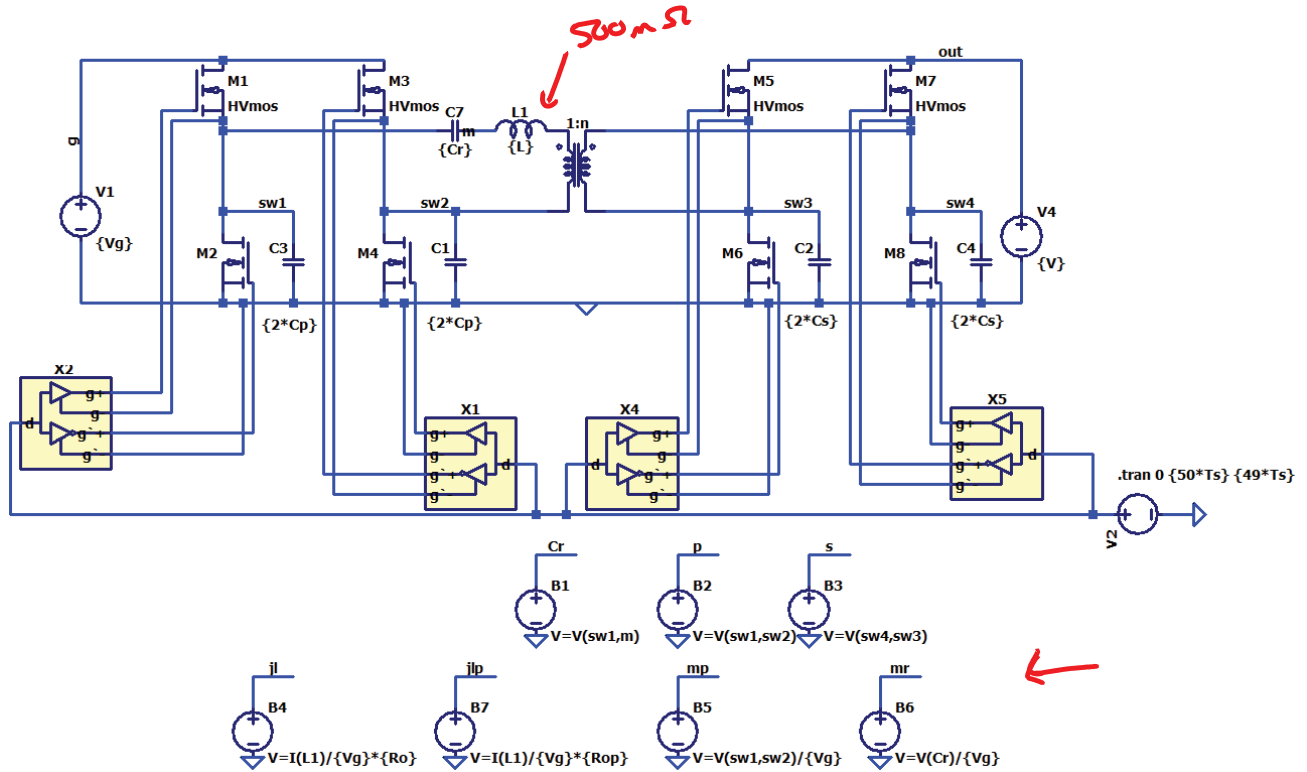


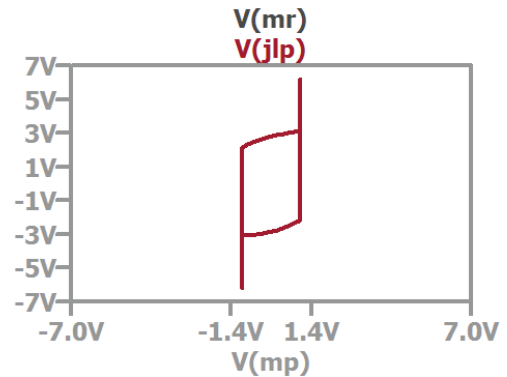
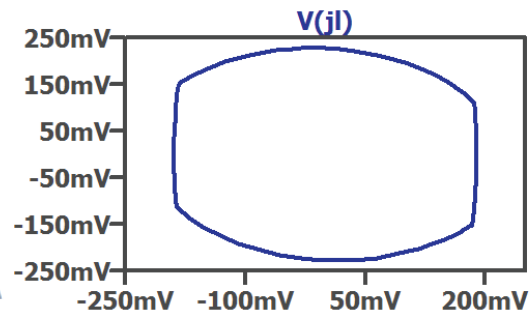
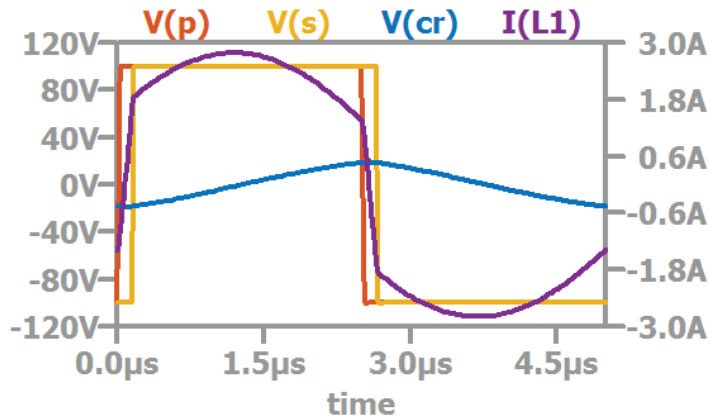
Example Simulation

.param Cr={150n} Ro={{L/Cr}**.5} td=70n phi={Ts/2+150n} Rop={{L/Cp}**.5}
 .param fs=750k Ts={1/fs} Vg=100 V={Vg} C={100u} Cp=200p Cs={Cp} L={10u}



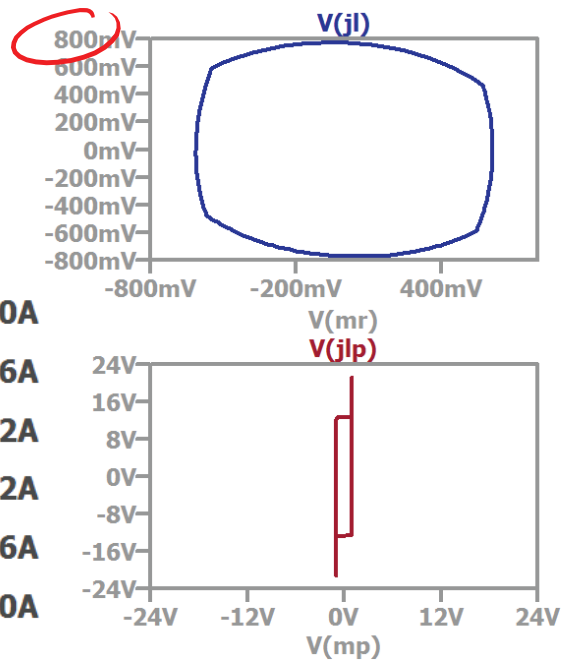
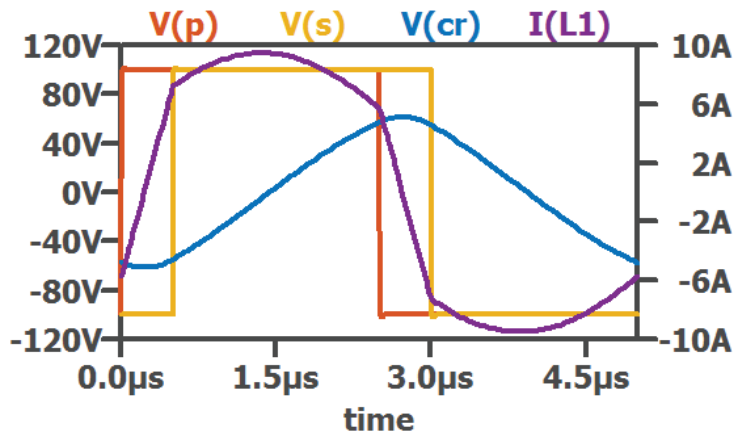
SRC Simulation

$I_{out} = 2A$
 $f_s = 200kHz$
 $f_o = 130kHz$
 $V_g = 100V$
 $V_{out} = 100V$



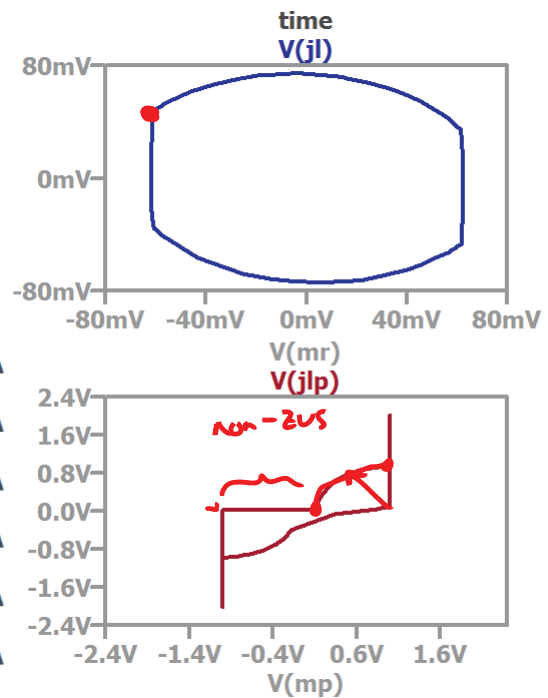
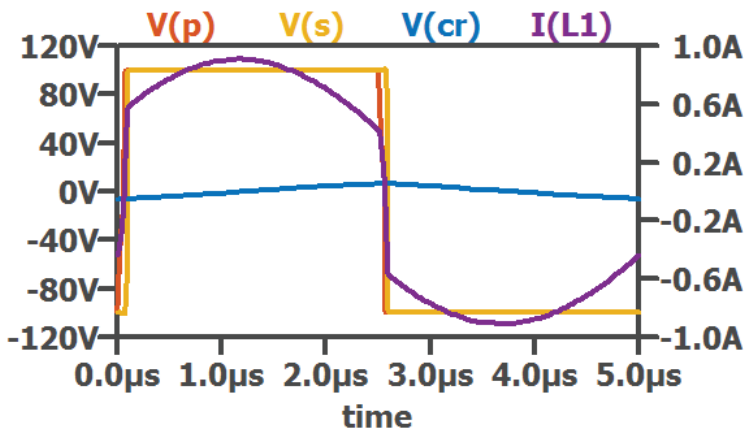
SRC Simulation

$I_{out} = 6.5A$
 $f_s = 200kHz$
 $f_o = 130kHz$
 $V_g = 100V$
 $V_{out} = 100V$



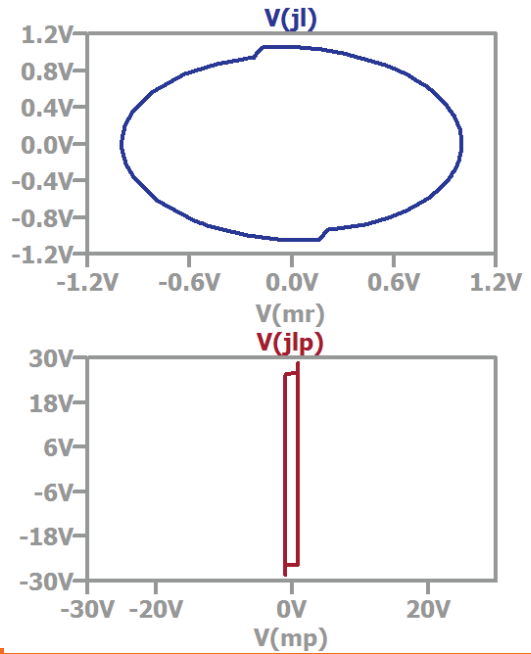
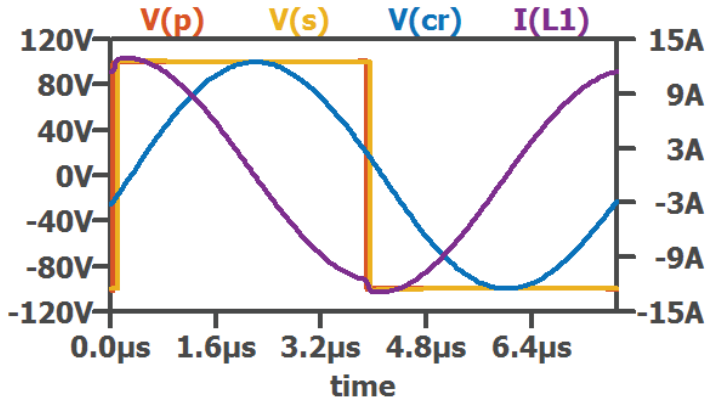
SRC Simulation

$I_{out} = 500mA$
 $f_s = 200kHz$
 $f_o = 130kHz$
 $V_g = 100V$
 $V_{out} = 100V$



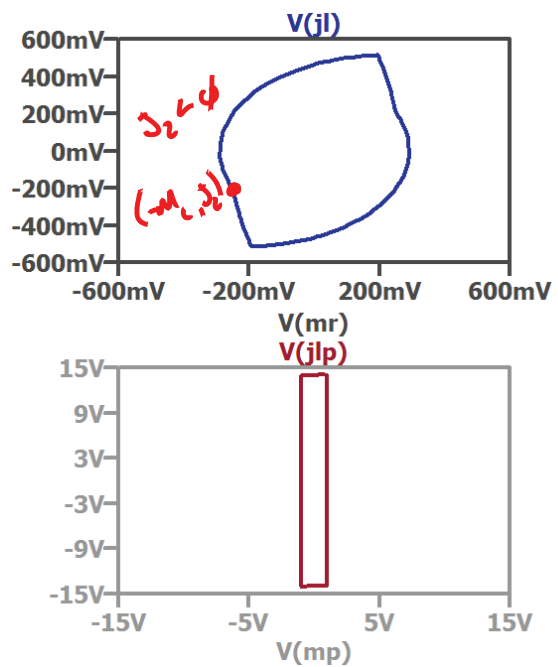
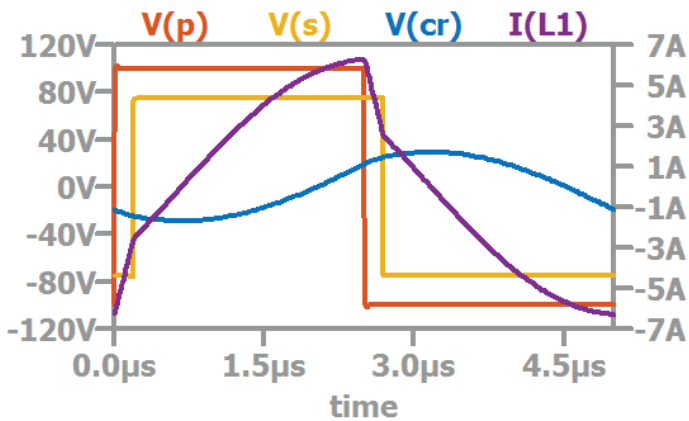
SRC Simulation

$I_{out} = 1.2A$
 $f_s = 130kHz$
 $f_o = 130kHz$
 $V_g = 100V$
 $V_{out} = 100V$



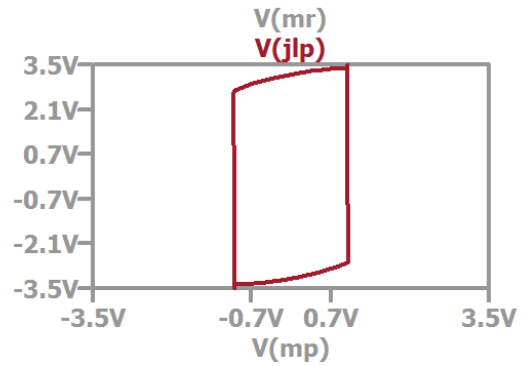
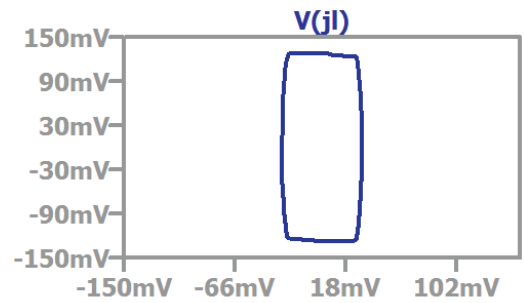
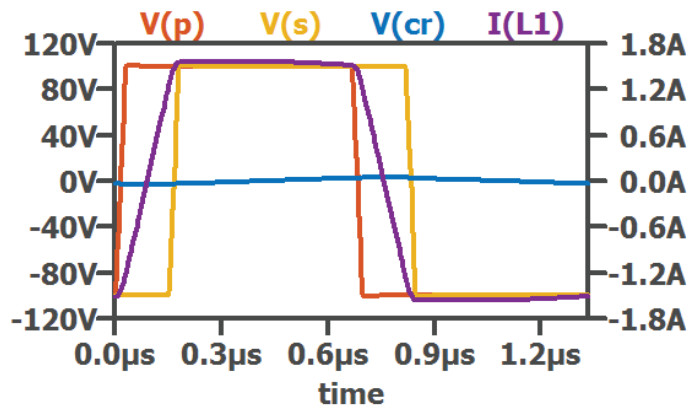
SRC Simulation

$I_{out} = 3A$
 $f_s = 200kHz$
 $f_o = 130kHz$
 $V_g = 100V$
 $V_{out} = 75V$



SRC Simulation

$I_{out} = 1A$
 $f_s = 750kHz$
 $f_o = 130kHz$
 $V_g = 100V$
 $V_{out} = 100V$



Ex: Solving State Plane EQs Using Matlab