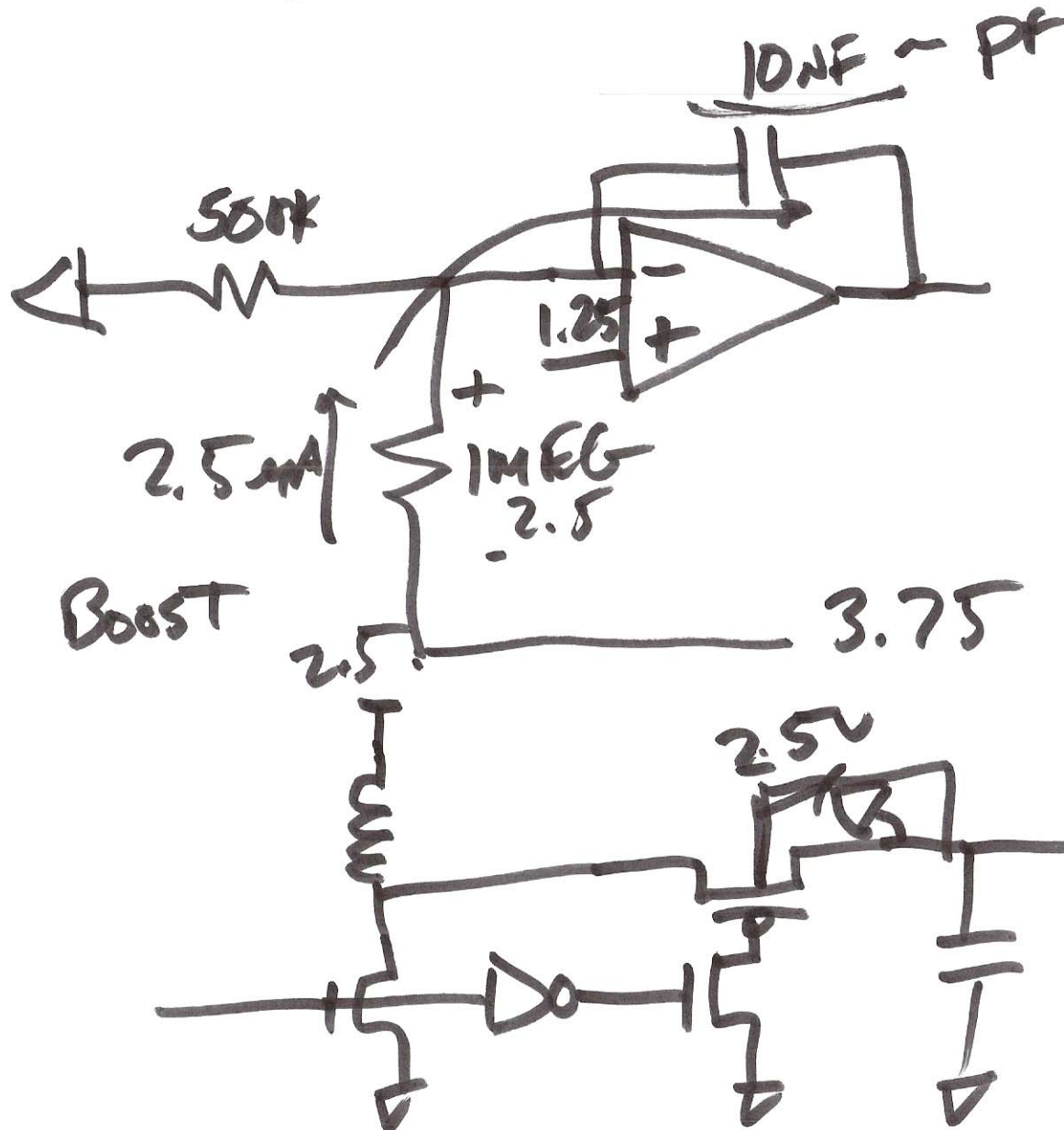


Lecture 2) NOV. 8, 2011



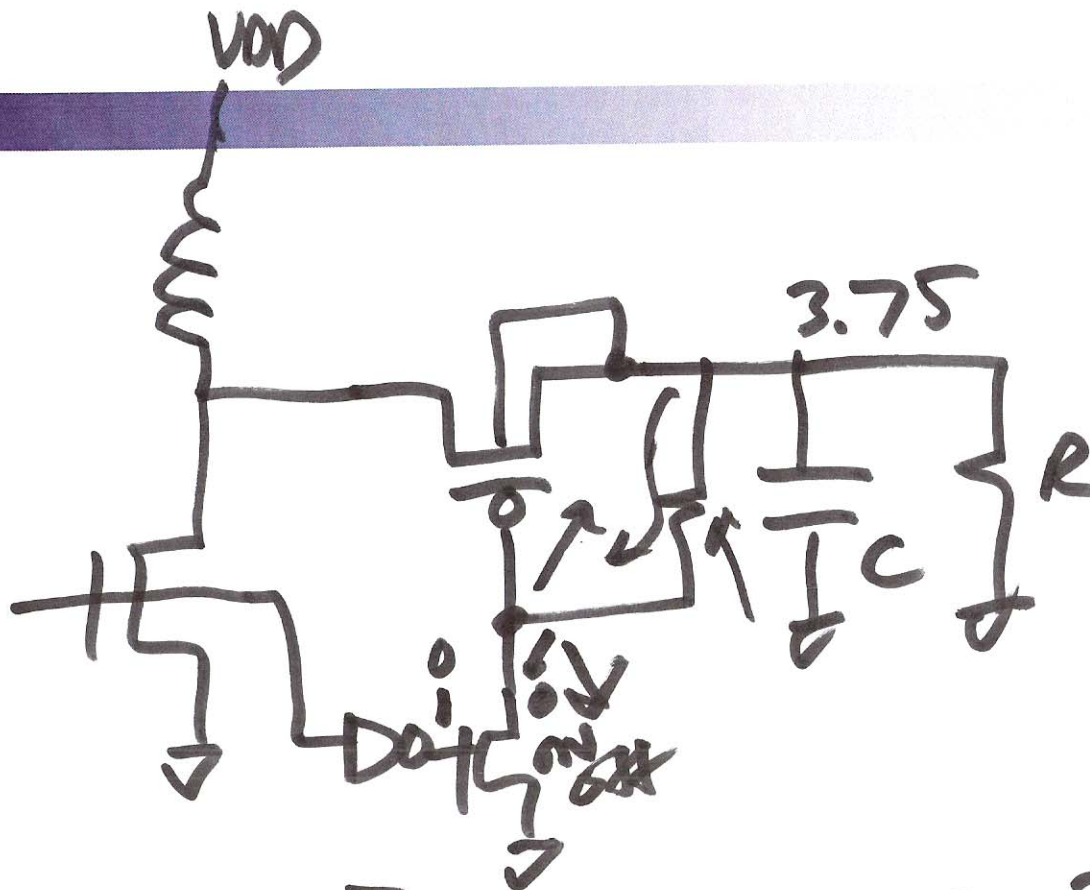
$$\frac{I}{C} = \frac{dV}{dt}$$

$$\frac{10nF}{2.5mA} = \frac{2.5V}{10nF}$$

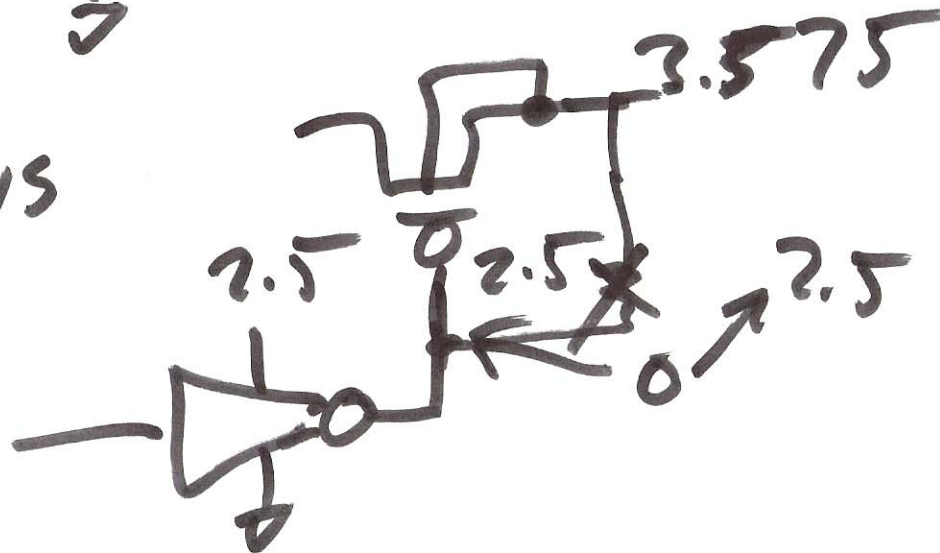
$$= \frac{1}{4} \cdot 10^3 \frac{V}{s}$$

$$= 250 \frac{V}{s}$$

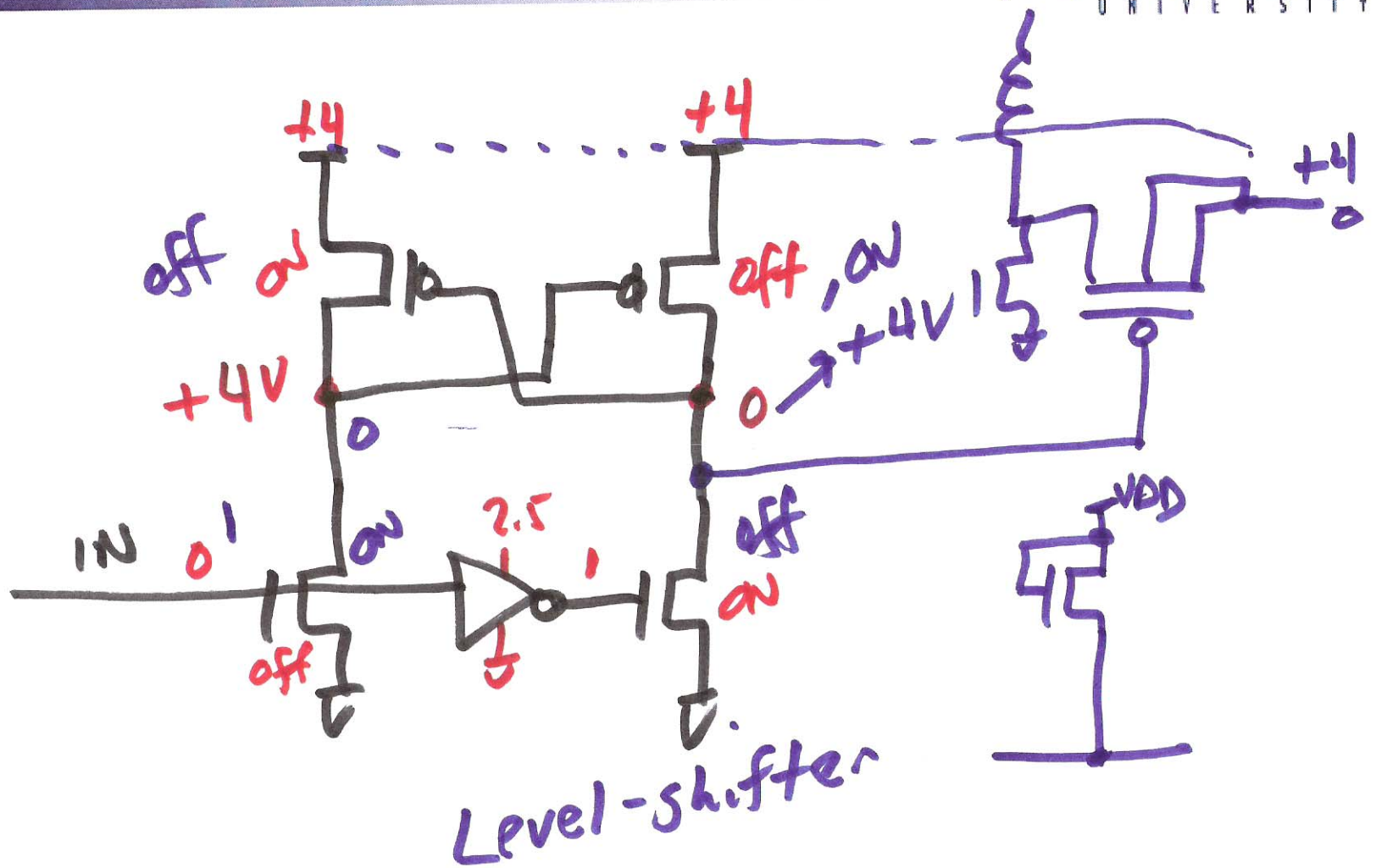
1)



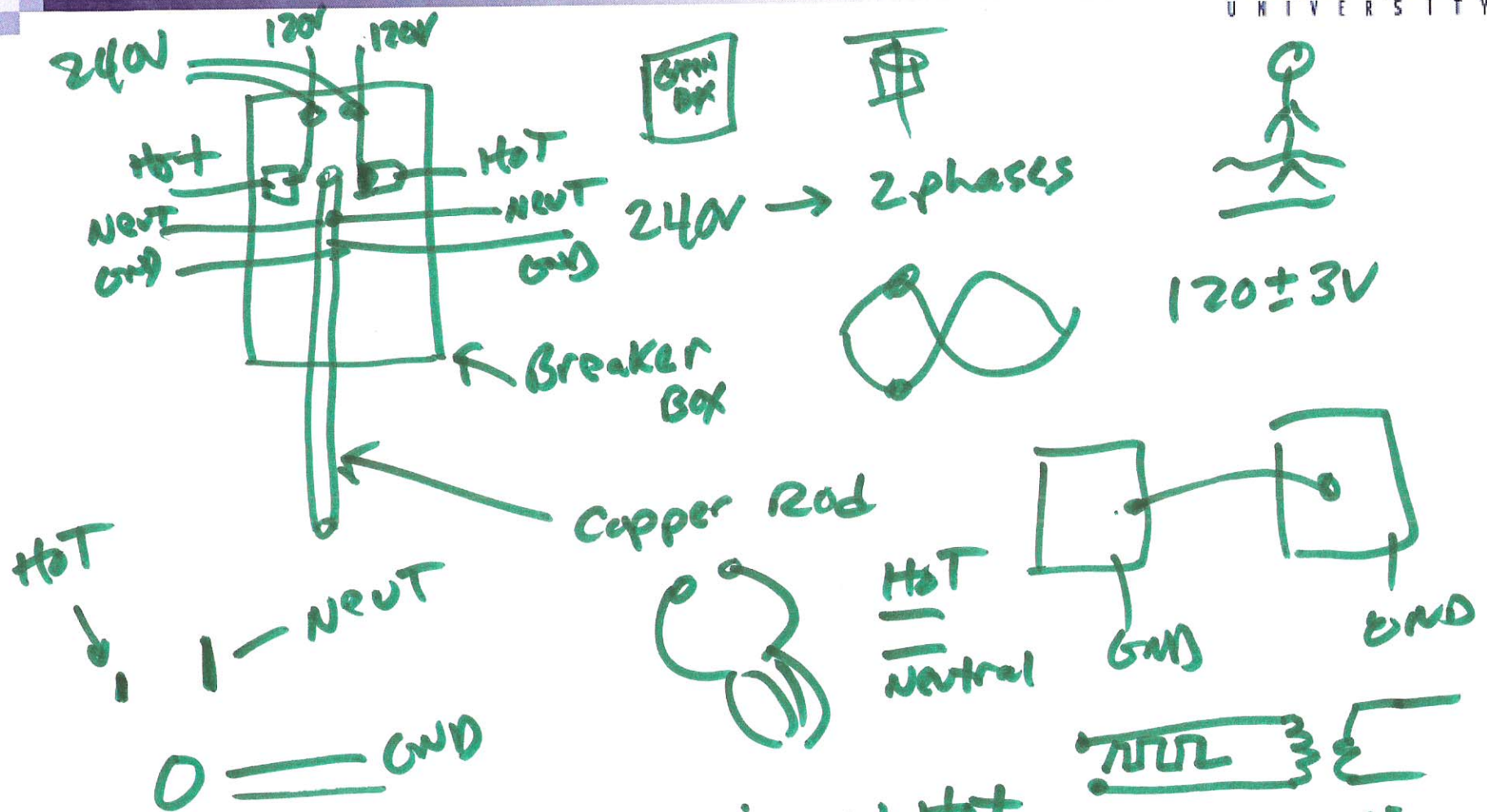
NOT
ZVS



2)



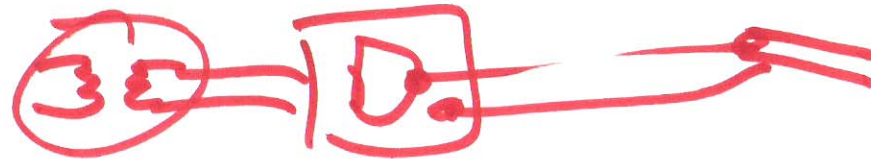
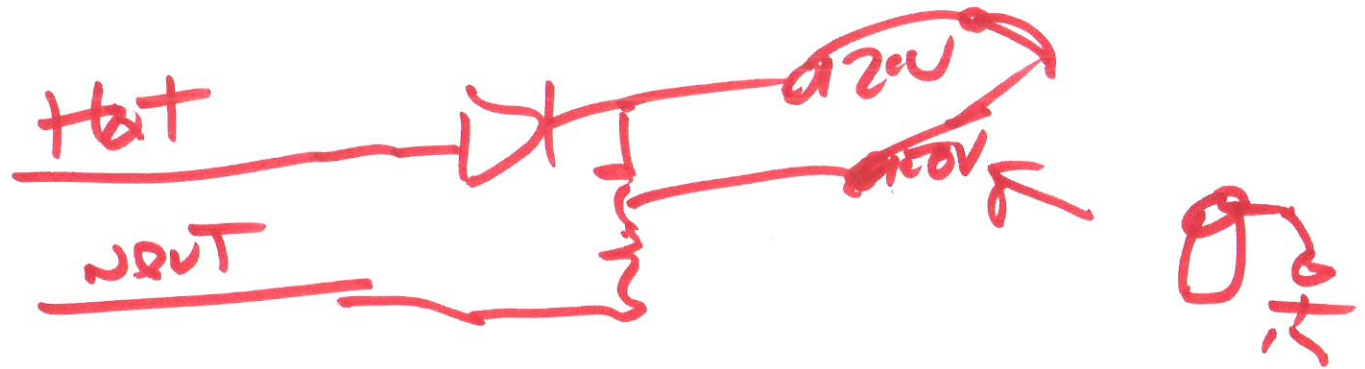
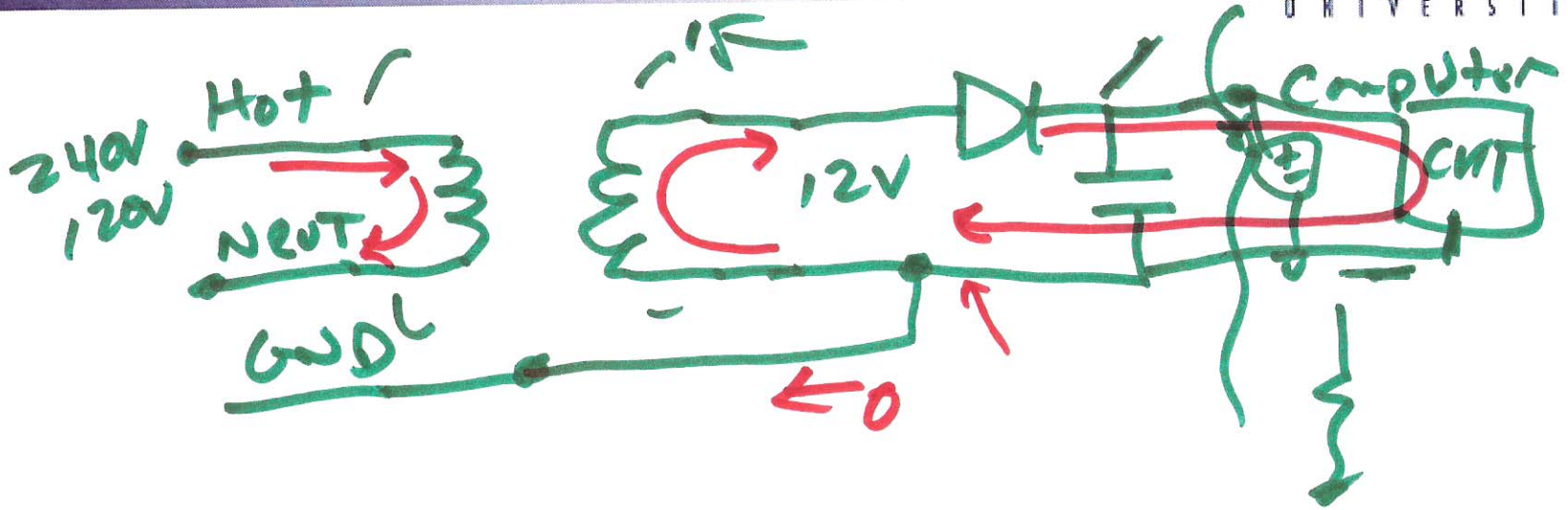
3)



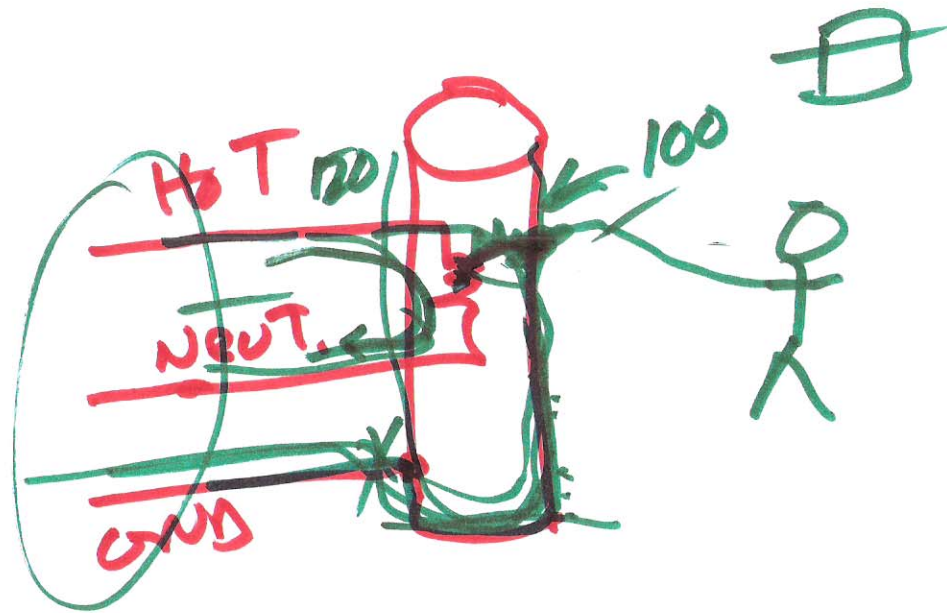
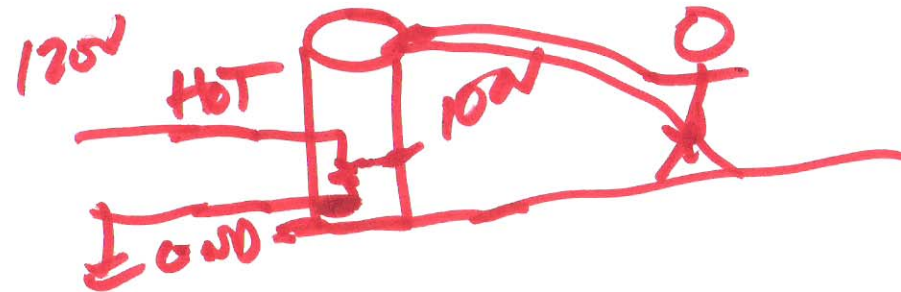
All current flowing on Hot
to flow back via Neutral fiber optic
GND current = 0!

GFI
N
F
u
o
t
n

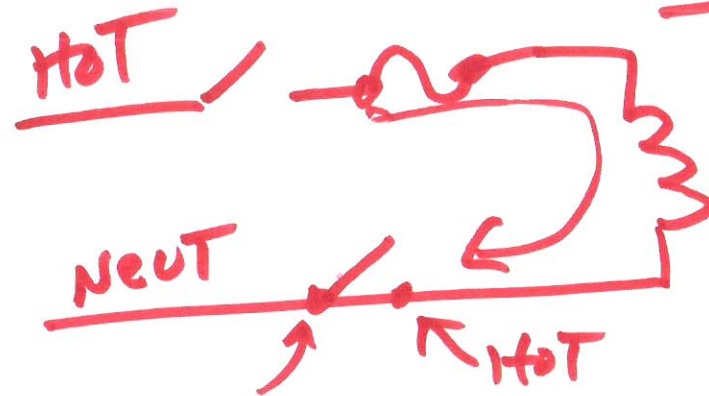
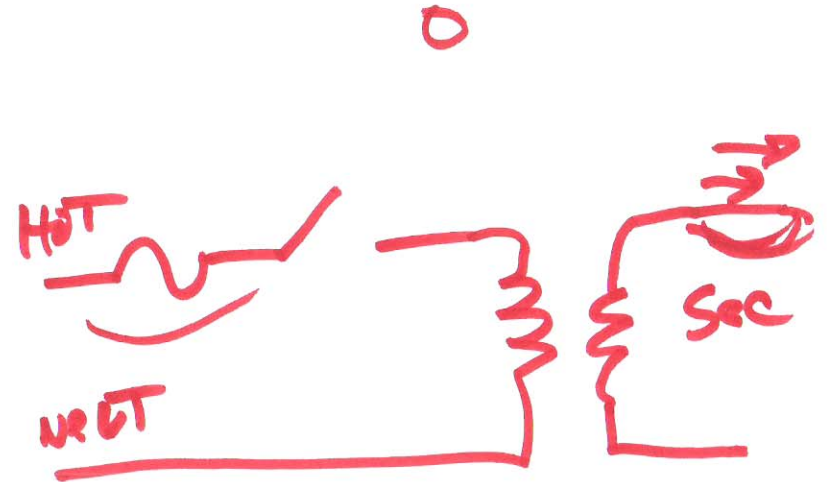
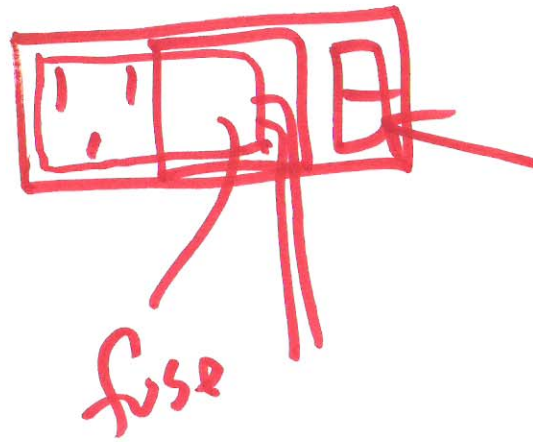
4)



5)



b)



7)



8)