**Lab #9 Quiz**

From a hysteresis comparator circuit below, answer the following questions:

a. Find .

b. If = 29V, find that makes .

Hint Note that .

c. If = 1V, find that makes . Use the same hint as in Prob. b.



**Solution to Lab #9 Quiz**



a. .

b. Given that , if  and , we have



Rearranging the terms, we obtain



c. Given that , if  and , we have



Rearranging the terms, we obtain

