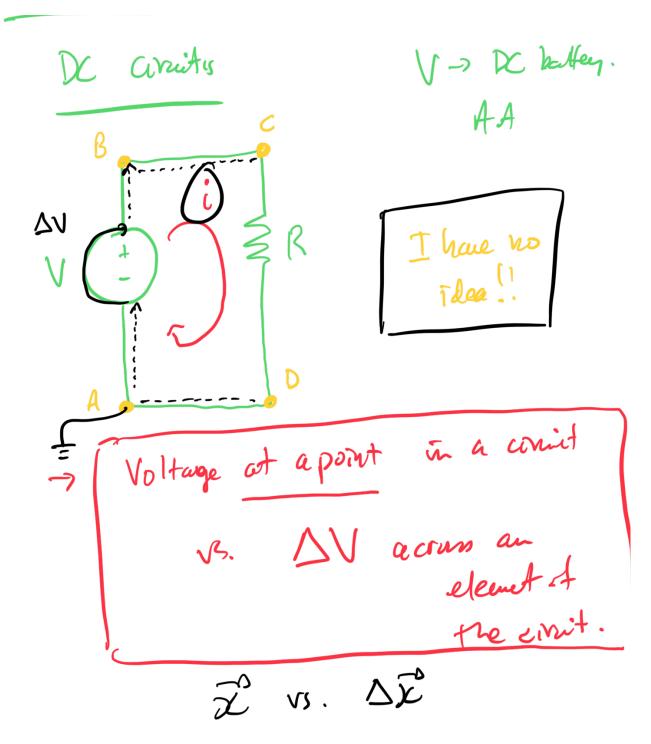
## Physics 421-Lecture 28



VA = 0 VB = VA + DVBattery. = VBattery. Vc = VB

Define the point where 
$$V=0$$

Grounding the count.

A V wines  $\approx 0$ 

(include in Rwives  $\approx 0 = not$ 

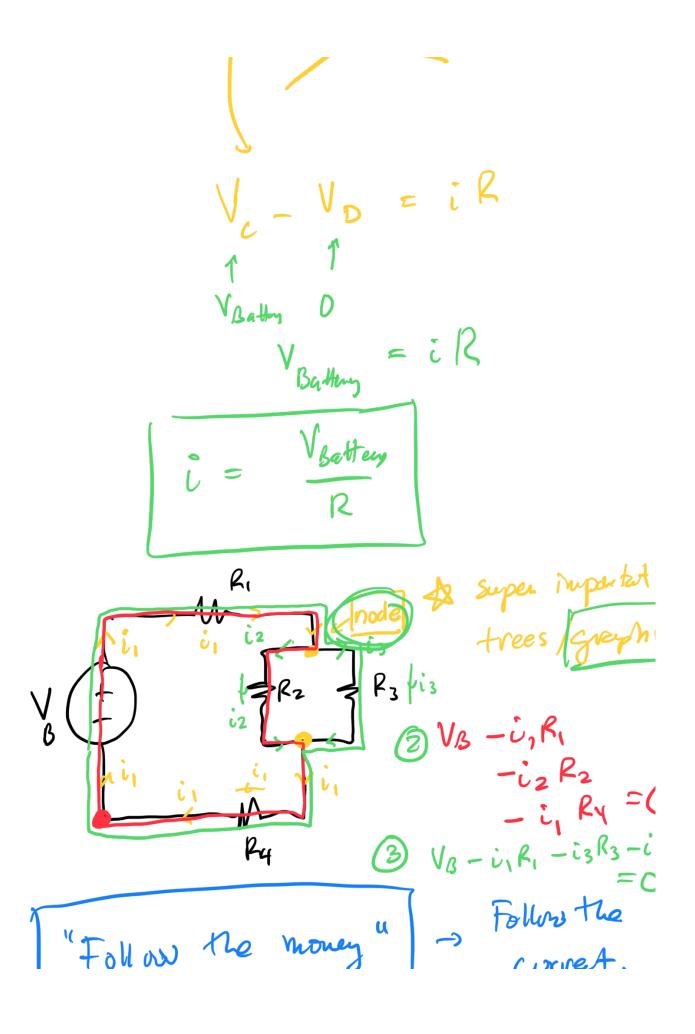
Simulation!)

Ohm's Law &

Resistors:

Resistors:

Resistors:



i, i2, i3 | Goel C 3 equations -) Current in = current and Nodes (1) i, = i2 + i3 | lequetion. 2 rodes i2 + i3 = i1 # of node egections =  $\leq (\Delta V_i) = 0$ Closed Loops Creste using the fleer.