

#disorganized #incomplete #inclass #hw

1 | The capacitor lab!

for a single C: two diff RS, and two diff V_{bat}

curve fitting equations:

$$I = I_0 \cdot e^{-\frac{t}{RC}}$$

$$v_c(t) = V_b(1 - e^{-\frac{t}{RC}})$$

number of Coulombs that flowed is the same as the area under the curve of I/T sampling of 1k/S,

if a nice 0: add up at every instance?

we will get a checklist of things that go into the report. gonna be a lot of graphs! don't put em all in

$\frac{1}{3}$