#disorganized #incomplete #inclass #hw

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1 | **The capacitor lab!**

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

curve fitting equations:

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

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

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

$\frac{1}{3}$

$I(t) = I_0 e^{-\frac{t-t_0}{\tau}}$