

#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:

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

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

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?