

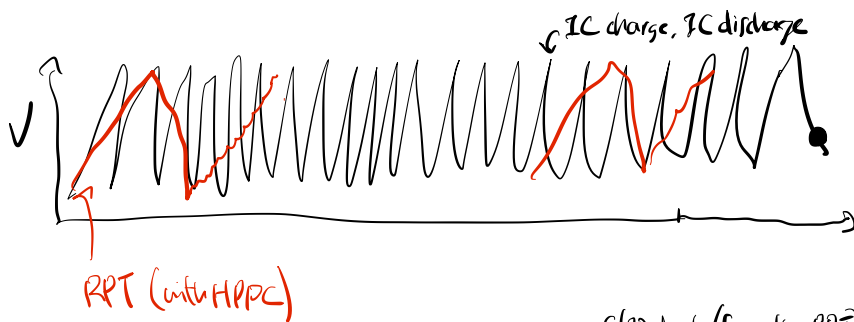
1. How do aging characteristics differ between baseline & fast formation?

→ @ Room Temp
@ 45°C

→ controlling for % retention

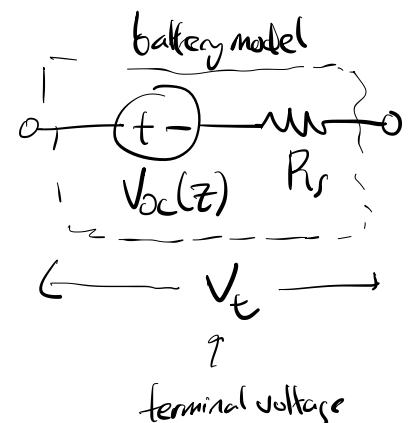
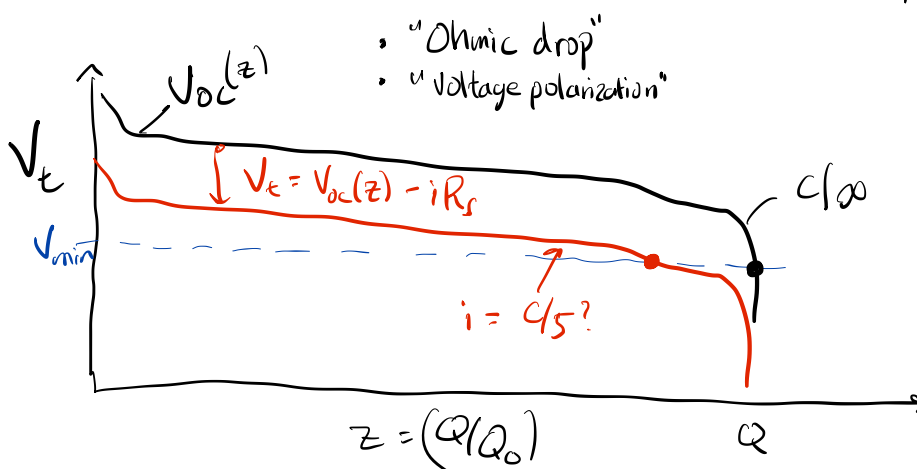
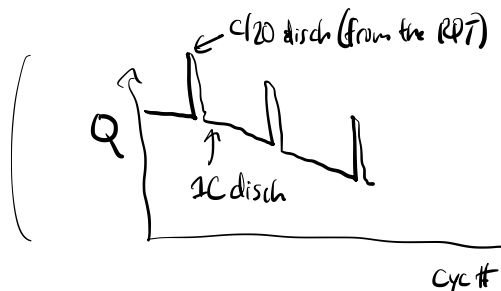
A

① What are the Q_{1C} for each cell at the end of life (before any post-mortem analysis)? How do they compare to $Q_{0/20}$ and Q_{1C}' ?



• caveat 1: last cycle may not be a full cycle

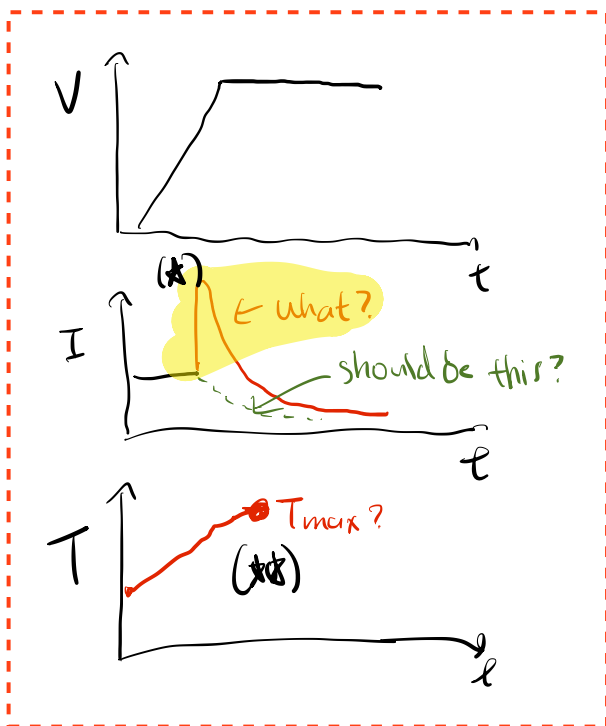
• caveat 2: check to make sure that Q_{1C} is a 1C discharge (and not from an RPT.)



$$V_t = V_{oc}(z) - iR_s$$

B

Observation of Extreme EOL Cell behavior:



subplot (3,1,1)

subplot (3,1,2)

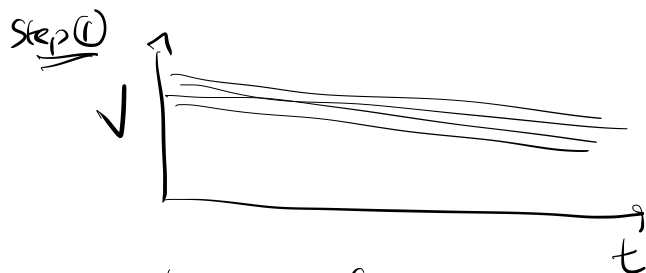
subplot (3,1,3)

→ make this plot for the 7 cells.

→ is there a pattern between the occurrence of (*) and (**) comparing between fast formation and baseline formation cells?

C

Voltage monitoring

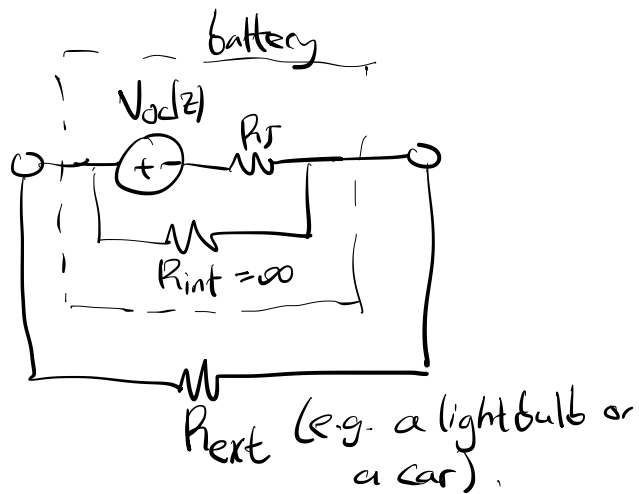


→ check to see if

$$\frac{dV}{dt} \approx \text{constant}$$

→ if ok, then...

Step (2) compute and report $\frac{dV}{dt}$
(self-discharge)



D

HPPC

