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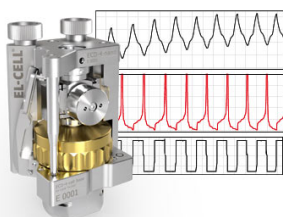
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Erratum: Revealing the Mechanism Behind Sudden Capacity Loss in Lithium Metal Batteries [*J. Electrochem. Soc.*, 170, 100528 (2023)]

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Published February 5, 2024.

The published paper contains several errors in the text and figures of the original published article.

Under *Cell Fabrication and Testing*, the last sentence of the second paragraph.

“The testing pouch cells were filled with 2.2 g Ah⁻¹ (cell 1), 2.0 g Ah⁻¹ (cell 2) and 2.5 g Ah⁻¹ (cell 3) of electrolyte respectively.” should read:

The testing pouch cells were filled with 2.0 g Ah⁻¹ (Cell #1), 2.2 g Ah⁻¹ (Cell #2), and 2.5 g Ah⁻¹ (Cell #3) of electrolyte, respectively.

Figure 1 should be replaced with Figure 1 below. Discharge curves are solid lines and charge curves are dashed. The annotation in the original published version of Fig. 1 is still appropriate.

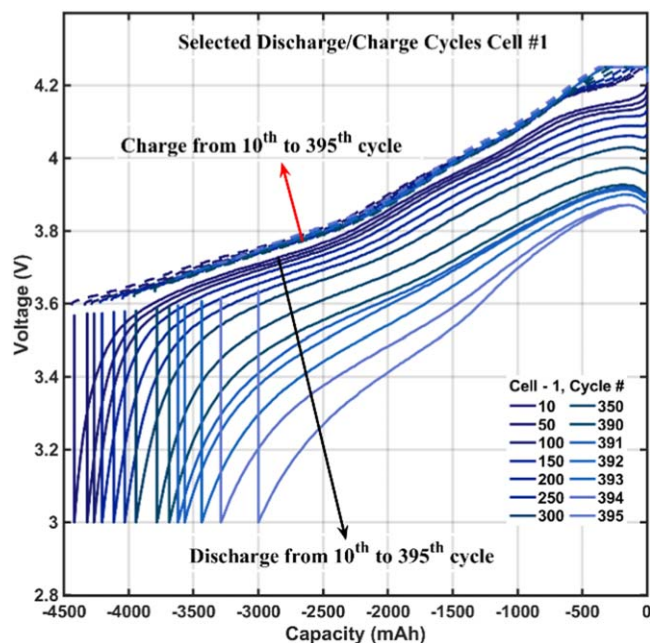


Figure 1. Selected cycles for Cell #1 (2.0 g/Ah⁻¹ electrolyte). The selected cycles advance by 50 until the onset of failure at cycle 390, after which every cycle is shown.

Figure 2 should be replaced with Figure 2 below. Discharge curves are solid lines and charge curves are dashed. The annotation in the original published version of Fig. 2 is still appropriate.

In the narrative immediately following Eq. 10, the reference to Fig. S2 is incorrect. It should be corrected from “After estimating Q_{totj} by this procedure, we use Eq. 7 to compute $R(x, Q_{totj})$, which prepares us to iterate the procedure for the next value of j , as illustrated in Fig. S2”, to:

After estimating Q_{totj} by this procedure, we use Eq. 7 to compute $R(x, Q_{totj})$, which prepares us to iterate the procedure for the next value of j , in accordance with the flowchart shown in Fig. 4.

In the left-hand column, third full paragraph above Fig. 5, the text “While the capacities for the two cells follow a similar trend line, the

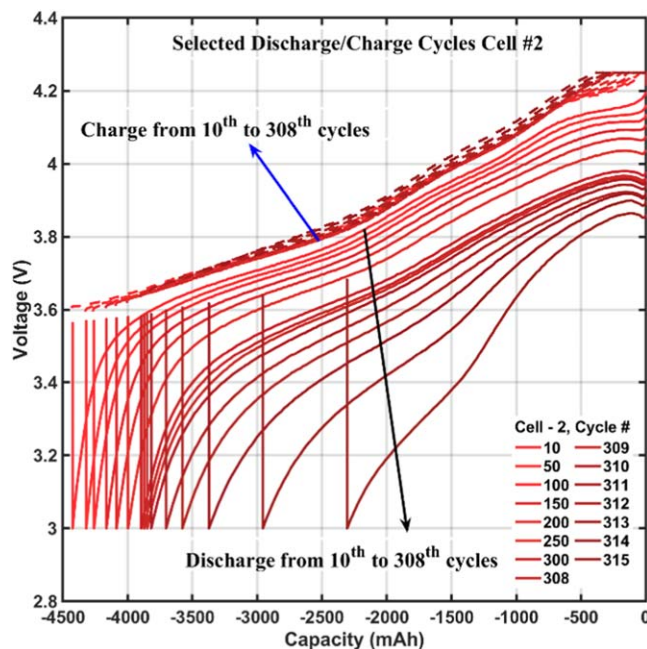


Figure 2. Selected cycles of Cell #2 (2.2 g/Ah⁻¹ electrolyte). The selected cycles advance by 50 until the onset of failure at cycle 308, after which every cycle is shown.

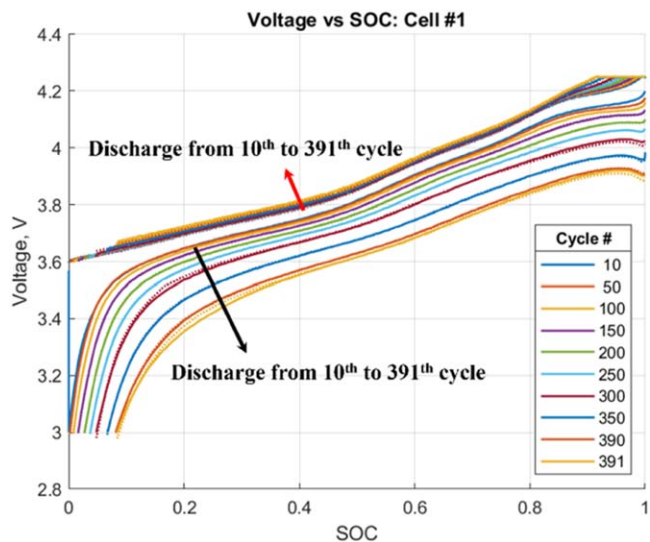


Figure 5. Cell #1: Voltage versus SOC for selected cycles. Solid lines are measured voltage; dotted lines are the corresponding fits.

resistance of Cell #1 (red triangles) grows more quickly than that for Cells #2 and #3, which are depicted as blue and yellow triangles, respectively.” Should read

While the capacities for the two cells follow a similar trend line, the resistance of Cell #1 (red dots) grows more quickly than that for Cells #2 and #3, which are depicted as green and black dots, respectively.

Figure 5 should be replaced with Figure 5 above. Discharge curves are solid lines and charge curves are dashed.

Figure 10 should be replaced with Figure 10 above to correct the typo in legend from “cischarge” to “discharge.” Hence:

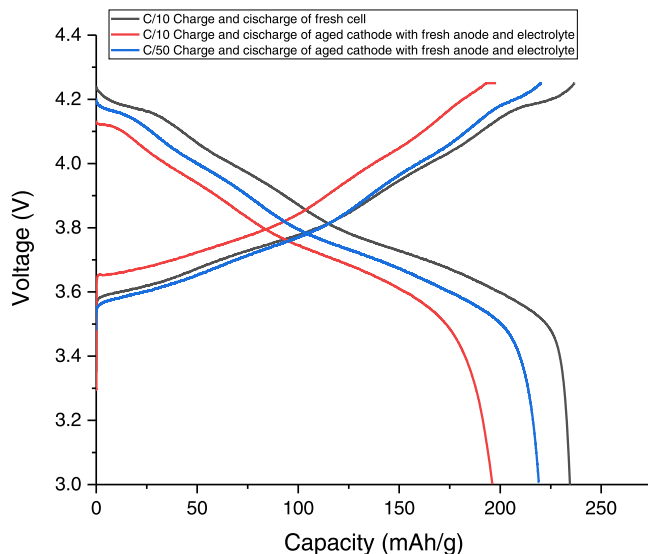


Figure 10. The voltage profile comparison of fresh assembled coin cell and the reassembled aged cathode/anode with fresh electrolyte coin cell.

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