

Errata Corrige – Addressing the surface concentration discontinuity of the core-shell model for lithium iron phosphate batteries

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This document provides some updates on equations and figures shown in “Addressing the surface concentration discontinuity of the core-shell model for lithium iron phosphate batteries”, published in the Journal of The Electrochemical Society [1].

Modifications are highlighted in **red**:

- in section “Model Equations”, paragraph “Average core-shell ESPM”, a minus sign is missing in the positive electrode overpotential equation: $\eta_p = \frac{RT}{0.5F} \sinh^{-1} \left(\frac{-I}{2A_{cell} a_p L_p i_{0,p}} \right)$;
- in Figure 2(c), the y-axis should be modified from η_p to $-\eta_p$.

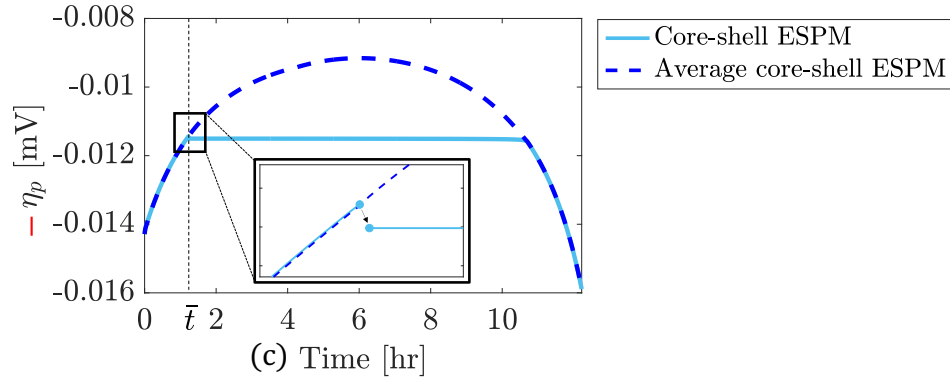


Figure 2(c)

REFERENCES

- [1] G. Pozzato, A. Takahashi, X. Li, D. Lee, J. Ko, and S. Onori, “Addressing the surface concentration discontinuity of the core-shell model for lithium iron phosphate batteries,” *Journal of The Electrochemical Society*, vol. 169, no. 10, p. 100526, 2022.