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State of Health Prediction of Lithium-Ion Batteries: Multiscale Logic Regression and Gaussian Process Regression Ensemble

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Highlights

- A Multiscale predictor is proposed for battery health prognostics.
- Empirical mode decomposition is used for decomposition of battery capacity.
- An integration of LR and GPR is proposed for remaining useful life prediction.
- The results on Lithium-ion battery illustrate effectiveness of the proposed method.

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