Final Year Project Interim Report

University of Sheffield

Implamenting adaptive multistage constant-current charging in lithium based batterys to reduce degredation

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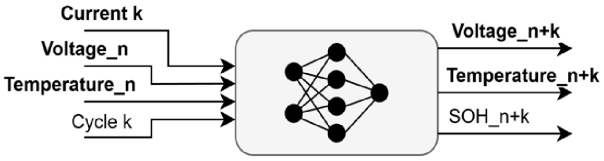

Figure 1: Inital end objective: Black Box Battery

1 Introduction

This project investigates to use of machiddne learning techniques to model battery degredation over its lifetime; unlitmately throught model parameterisation and raw data regression. [1] Due to dealings with large datasets, saved data has been stored locally on a home server, with code being run remotely via SSH.

2 Project progress

3 Literature Review

4 Plans for Remaining Work

5 Self Review

References

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