



Cell tear-down & half-cell experiments

- Geometric parameters
- Open-circuit potential

Stoichiometric parameter identification

Data: C/20 capacity test

Code: DFN pso 0 05C.m

Transport and kinetic parameter identification

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Data: HPPC test

Code: DFN_pso_HPPC.m

Validation

Data: UDDS driving cycle

Code: DFN UDDS validation.m



Transport and kinetic parameter identifiability study

Code: DFN LSA Corr HPPC.m

- Local sensitivity analysis
- Correlation analysis