

FLORIDA STATE UNIVERSITY

FAMU FSU COLLEGE OF ENGINEERING

STATE OF CHARGE ESTIMATION OF LITHIUM ION BATTERY FOR  
ELECTRIC VEHICLE APPLICATION

By

AYODEJI S. OGUNDANA

A Dissertation submitted to the  
Department of Electrical and Computer Engineering  
in partial fulfillment of the  
requirements for the degree of  
Doctor of Philosophy

2024

© 2024 Ayodeji S. Ogundana

Ayodeji S. Ogundana defended this dissertation on March 27, 2024.

The members of the supervisory committee were:

Simon Y. Foo

Professor Directing Dissertation

Anke Meyer-Baese

University Representative

Petru Andrei

Committee Member

Shonda Bernadin

Committee Member

The Graduate School has verified and approved the above-named committee members and certifies that the dissertation has been approved in accordance with university requirements.