

FLORIDA STATE UNIVERSITY
FAMU-FSU COLLEGE OF ENGINEERING

ONLINE PROACTIVE HEALTH MONITORING
METHODS USING A NEURAL NETWORK FOR
DC LINK CAPACITORS IN AN AC/DC/AC
CONVERTER

By
JOHN LAJOIE

A Thesis submitted to the
Department of Electrical and Computer Engineering
in partial fulfillment of the
requirements for the degree of
Master of Science

2021

John LaJoie defended this thesis on November 3, 2021.

The members of the supervisory committee were:

Hui Li

Professor Directing Thesis

Simon Foo

Committee Member

Olugbenga Anubi

Committee Member

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