

FLORIDA STATE UNIVERSITY  
FAMU-FSU COLLEGE OF ENGINEERING

LIGHT-WEIGHT FILTER DESIGN  
FOR SIC POWER INVERTERS IN EMI FREQUENCY

By  
YU ZHANG

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

2021

Yu Zhang defended this dissertation on March 30, 2021.

The members of the examination committee were:

Hui Li

Professor Co-Directing Dissertation

Fang Z. Peng

Professor Co-Directing Dissertation

Juan Ordonez

University Representative

Jinyeong Moon

Committee Member

Yuan Li

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.