

FLORIDA STATE UNIVERSITY
COLLEGE OF ARTS AND SCIENCES

TROPICAL CYCLOGENESIS FROM SELF-AGGREGATED CONVECTION
IN NUMERICAL SIMULATIONS OF ROTATING RADIATIVE-CONVECTIVE
EQUILIBRIUM

By

JACOB D. CARSTENS

A Thesis submitted to the
Department of Earth, Ocean, and Atmospheric Science
in partial fulfillment of the
requirements for the degree of
Master of Science

2019

Jacob D. Carstens defended this thesis on April 1, 2019.
The members of the supervisory committee were:

Allison A. Wing
Professor Directing Thesis

Robert E. Hart
Committee Member

Jeffrey M. Chagnon
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.