FLORIDA STATE UNIVERSITY COLLEGE OF ARTS AND SCIENCES

THE STRUCTURE AND ATOMIC MODEL OF MYOSIN FILAMENTS FROM LETHOERUS INDICUS USING CRYO-ELECTRON MICROSCOPY

By

HAMIDREZA RAHMANI

A Dissertation submitted to the Department of Physics in partial fulfillment of the requirements for the degree of Doctor of Philosophy

Hamidreza Rahmani defended this dissertation on July 6, 2021.

The members of the supervisory committee were:

Kenneth A. Taylor

Professor Co-Directing Dissertation

Nicholas Bonesteel

Professor Co-Directing Dissertation

Scott Stagg

University Representative

Jorge Piekarewicz

Committee Member

David Van Winkle

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.