

FLORIDA STATE UNIVERSITY  
COLLEGE OF ARTS & SCIENCES

PARAMETER ESTIMATION TECHNIQUES FOR NONLINEAR BIOLOGICAL MODELS

By

SUSAN ROGOWSKI

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

2024

Susan Rogowski defended this dissertation on June 21, 2024.

The members of the supervisory committee were:

Nick Cogan

Professor Co-Directing Dissertation

Aseel Farhat

Professor Co-Directing Dissertation

Richard Bertram

Committee Member

Adrian Barbu

University Representative

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.