FLORIDA STATE UNIVERSITY COLLEGE OF ART AND SCIENCES

DE HAAS-VAN ALPHEN AND MAGNETO-TRANSPORT PROPERTIES ON TOPOLOGICAL NODAL-LINE SEMIMETALS ZRXT (X=SI, GE; M=SE, TE)

By

YU-CHE CHIU

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

2019

Yu-Che	Chiu	defended	this	disser	tation	on	January	28,	2020.
The members of the supervisory committee were:									

Luis Molinuevo Balicas Professor Co-Directing Dissertation

Efstratios Manousakis Professor Co-Directing Dissertation

Kenneth Hanson University Representative

Horst Wahl Committee Member

Ryan Baumbach Committee Member

Irinel Chiorescu 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.