FLORIDA STATE UNIVERSITY COLLEGE OF ARTS AND SCIENCES

MAGNETO-OPTICAL STUDIES OF DIRAC AND WEYL SEMIMETALS

By

SEONGPHILL MOON

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

2021

Seongphill Moon defended this dissertation on November 8, 2021.

The members of the supervisory committee were:

Dmitry Smirnov

Professor Co-Directing Dissertation

Irinel Chiorescu

Professor Co-Directing Dissertation

Yan-Yan Hu

University Representative

Fernando Febres Cordero

Committee Member

Guangxin Ni

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.