

FLORIDA STATE UNIVERSITY  
COLLEGE OF ARTS AND SCIENCES

STUDY OF THE VALENCE TRANSITION IN  $\text{EUPD}_2\text{SI}_2$

By  
MASOUD MARDANI

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

2024

Masoud Mardani defended this dissertation on April 5, 2024.  
The members of the supervisory committee were:

Theo Max Siegrist  
Professor Co-Directing Dissertation

Christianne Beekman  
Professor Co-Directing Dissertation

Vincent J Salters  
University Representative

Laura H Greene  
Committee Member

Laura Reina  
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.