## FLORIDA STATE UNIVERSITY COLLEGE OF ARTS AND SCIENCES

## OPTO-ELECTRICAL CHARACTERISTICS OF HALIDE PEROVSKITES

Ву

## XIUJUN LIAN

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

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Xiujun Lian defended this disse The members of the supervisory		
	Hanwei Gao Professor Directing Dissertation	
	Kenneth Hanson University Representative	
	Gregory Boebinger Committee Member	
	Ingo Wiedenhover Committee Member	
	Peng Xiong Committee Member	
	Vladimir Dobrosavljevic 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.