## FLORIDA STATE UNIVERSITY COLLEGE OF ARTS AND SCIENCES

## PAIRING AND PAIR BREAKING IN BILAYER COMPOSITE FERMION METALS

Ву

## LUIS MENDOZA

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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Luis Mendoza defended this dissertation on April 9, 2020. The members of the supervisory committee were:	
	Nicholas E. Bonesteel Professor Directing Dissertation
	Ettore Aldrovandi University Representative
	Laura Reina Committee Member
	Kun Yang 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.

Lloyd Engel

Committee Member