FLORIDA STATE UNIVERSITY COLLEGE OF ENGINEERING

LIQUID HELIUM TURBULENT PIPE FLOW AND $\label{eq:magnetic} \text{MAGNETIC LEVITATION RESEARCH}$

By

HAMID SANAVANDI

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

2022

Hamid Sanavandi defended this dissertation on September 15, 2022. The members of the supervisory committee were:	
	Vei Guo Professor Directing Dissertation
	ingjiao Guan Jniversity Representative
	ouis Cattafesta III Committee Member
	ance Coolay 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.	