

FLORIDA STATE UNIVERSITY
COLLEGE OF ARTS AND SCIENCES

A COMPUTATIONAL INVESTIGATION OF THE OPTIMAL HALTON SEQUENCE IN QMC
APPLICATIONS

By
MANAL SARHAN BAYOUSEF

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

2019

Manal Sarhan Bayousef defended this dissertation on July 22, 2019.
The members of the supervisory committee were:

Michael Mascagni
Professor Directing Dissertation

Dennis Duke
University Representative

Xiuwen Liu
Committee Member

Xin Yuan
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.