



Certificate of Examination

WESTERN UNIVERSITY
SCHOOL OF GRADUATE AND POSTDOCTORAL STUDIES

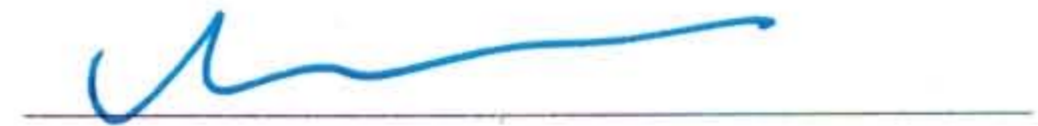
Supervisor:

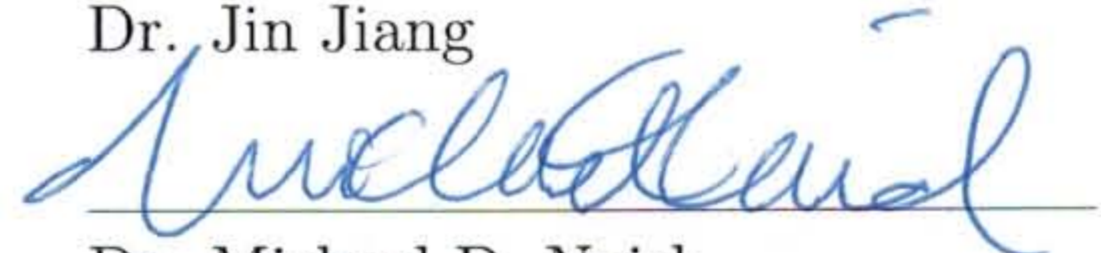

Dr. Lyndon J. Brown

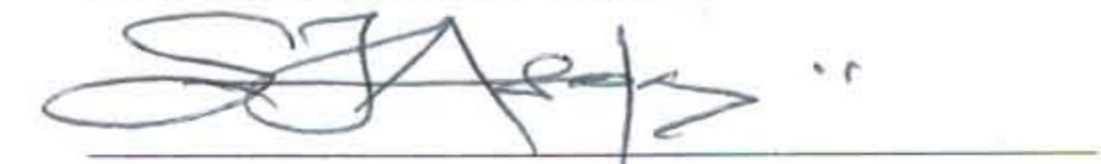
Co-Supervisor:

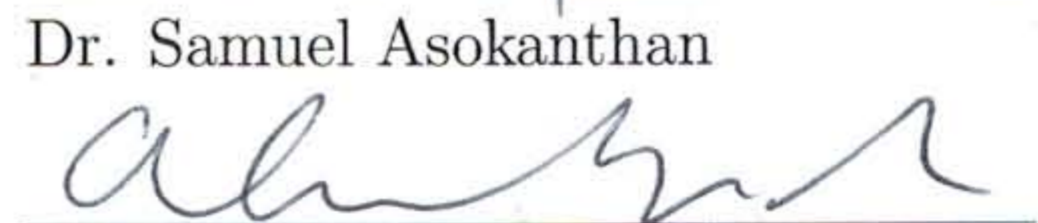

Dr. Kenneth McIsaac

Examining Board:


Dr. Jin Jiang


Dr. Michael D. Naish

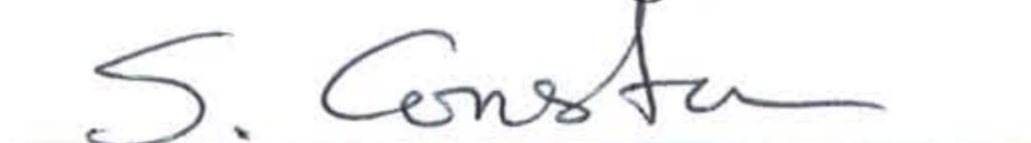

Dr. Samuel Asokanthan


Dr. Alan Lynch

The thesis by
Hashim Abdellah Hashim Mohamed
entitled:
**Nonlinear Attitude and Pose Filters with Superior Convergence
Properties**
is accepted in partial fulfillment of the
requirements for the degree of
Doctor of Philosophy

Date: July 04, 2019

Chair of Examining Board



Name: