

CARLETON UNIVERSITY

Department of Mechanical and Aerospace Engineering

MASTER'S THESIS EXAMINATION

CANDIDATE: *Xinyi Ma*

DATE: *Tuesday December 10, 2024, 12:00 Video Conference*

THESIS TITLE: *Automated Fine-tuning CNN Using Firefly Algorithm for Bearing Fault Diagnostics*

EXAMINATION BOARD:

Internal Examiner	Steve Ulrich, Mechanical & Aerospace Engineering	(Video Conference)
Member of Joint Institute	Natalie Baddour, Mechanical Engineering - University of Ottawa	(Video Conference)
Thesis Supervisor	Jie Liu, Mechanical & Aerospace Engineering	(Video Conference)
Chair of Defence	Reza Kholghy, Mechanical & Aerospace Engineering	(Video Conference)
Chair/Director of Department or Designate	Edgar Matida	(Ex-officio)
Dean of Faculty	Larry Kostiuk	(Ex-officio)
Vice-Provost, Graduate Studies	Nadeem Siddiqi	(Ex-officio)