

CARLETON UNIVERSITY
Department of Mechanical and Aerospace Engineering
MASTER'S THESIS EXAMINATION

CANDIDATE: *Arezo Shevidi*

DATE: *Thursday December 07, 2023, 11:00 3324 Mackenzie Building/Video Conference*

THESIS TITLE: *Quaternion Sliding Mode-based Backstepping control design for Quadrotors in the Presence of Unknown Uncertainties*

EXAMINATION BOARD:

Internal Examiner	Chao Shen, Systems & Computer Engineering	(In Person)
Member of Department	Jeremy Laliberte, Mechanical & Aerospace Engineering	(In Person)
Thesis Supervisor	Hashim Mohamed, Mechanical & Aerospace Engineering	(In Person)
Chair of Defence	Andrew Harris, Mechanical & Aerospace Engineering	(In Person)
Chair/Director of Department or Designate	Ron Miller	(Ex-officio)
Dean of Faculty	Larry Kostiuk	(Ex-officio)
Dean, Faculty of Graduate and Postdoctoral Affairs	Patrice Smith	(Ex-officio)