## **CARLETON UNIVERSITY**

## Department of Mechanical and Aerospace Engineering

**MASTER'S THESIS EXAMINATION** 

CANDIDATE: Padmassun Rajakareyar

Bachelor of Engineering, Carleton University, 2019

DATE: Friday September 02, 2022, 15:00 Video Conference

THESIS TITLE: Thermo-Elastic mechanics of Morphing Lattice Structures with Application in Shape

Optimization of BLI Engine Intakes

## **EXAMINATION BOARD:**

Member of Department David MacPhee, Mechanical & Aerospace (Video Conference)

Engineering

Member of Joint Institute Raphael St-Gelais, Mechanical Engineering - (Video Conference)

University of Ottawa

Thesis Supervisor Mostafa El Sayed, Mechanical & Aerospace (Video Conference)

Engineering

Thesis Co-Supervisor Hamza Abo El Ella, Mechanical & Aerospace (Video Conference)

Engineering

Chair of Defence Hashim Mohamed, Mechanical & Aerospace (Video Conference)

Engineering

Chair/Director of Department Ronald Miller (Ex-officio)

or Designate

Dean of Faculty Larry Kostiuk (Ex-officio)

Dean, Faculty of Graduate and Patrice Smith (Ex-officio)

**Postdoctoral Affairs** 

Ronald Miller, Chair/Director of Department or Designate Department of Mechanical and Aerospace Engineering