

**CARLETON UNIVERSITY**  
**School of Mathematics and Statistics**  
**MASTER'S THESIS EXAMINATION**

**CANDIDATE:** *Xiao Yang*  
*Bachelor of Science, Illinois Wesleyan University, 2019*

**DATE:** *Friday July 21, 2023, 1300 Zoom*

**THESIS TITLE:** *Diffusion-Free Neural Network-Based Algorithm For Hyperbolic Equations*

**EXAMINATION BOARD:**

<b>Member of Joint Institute</b>	Diane Guignard, Department of Mathematics and Statistics, Ottawa University	(Video Conference)
<b>Member of Department</b>	Abbas Momeni, School of Mathematics and Statistics, Carleton University	(Video Conference)
<b>Committee Member</b>	Abhijit Sarkar, Civil and Environmental Engineering, Carleton University	(Video Conference)
<b>Thesis Supervisor</b>	Emmanuel Lorin de la Grandmaison, School of Mathematics and Statistics, Carleton University	(Video Conference)
<b>Thesis Co-Supervisor</b>	Arian Novruzi, Department of Mathematics and Statistics, Ottawa University	(Video Conference)
<b>Chair of Defence</b>	Abhijit Sarkar, Civil and Environmental Engineering, Carleton University	(Video Conference)
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