

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

**CANDIDATE:** *Amanda Chafee*  
*Bac of Mathematics (Honours), Carleton University, 2018*

**DATE:** *Thursday April 22, 2021, 1300 Video Conference*

**THESIS TITLE:** *Single and Double Change Covering Design*

**EXAMINATION BOARD:**

<b>Internal Examiner</b>	Root Gorelick, Department of Biology	(Video Conference)
<b>Member of Department</b>	Qiang Wang, School of Mathematics & Statistics, Carleton University	(Video Conference)
<b>Member of Joint Institute</b>	Mike Newman, Department of Mathematics and Statistics, University of Ottawa	(Video Conference)
<b>Thesis Supervisor</b>	Brett Stevens, School of Mathematics & Statistics, Carleton University	(Video Conference)
<b>Chair of Defence</b>	Saban Alaca, School of Mathematics & Statistics, Carleton University	(Video Conference)
<b>Chair/Director of Department or Designate</b>	Paul Mezo, ms-dir@math.carleton.ca	(Ex-officio)
<b>Dean, Faculty of Graduate and Postdoctoral Affairs</b>	Patrice Smith, Faculty of Graduate and Postdoctoral Affairs	(Ex-officio)

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**Paul Mezo, Chair/Director of Department or Designate**  
**School of Mathematics and Statistics**