

CARLETON UNIVERSITY
School of Mathematics and Statistics
PH.D. THESIS EXAMINATION

CANDIDATE: *Hugo Teixeira*
Master of Mathematics, Fed Univ Of Minas Gerais, 2021

DATE: *Thursday April 09, 2026, 10:00 McPhail HP 4351*

THESIS TITLE: *The Functional Graph Of A Twisted Quadratic Binomial Map And Some Applications*

EXAMINATION BOARD:

External Examiner	Arne Winterhof, Applied Discrete Mathematics and Cryptography, Austrian Academy of Sciences	(Video Conference)
Internal Examiner	Evangelos Kranakis, School of Computer Science, Carleton University	(In Person)
Member of Joint Institute	Mike Newman, Department of Mathematics and Statistics, Ottawa University	(In Person)
Member of Department	Brett Stevens, School of Mathematics and Statistics, Carleton University	(In Person)
Thesis Supervisor	Daniel Panario, School of Mathematics and Statistics, Carleton University	(In Person)
Chair of Defence	Shazia Sadaf, Institute of Interdisciplinary Studies, Carleton University	(In Person)
Chair/Director of Department or Designate	Colin Ingalls, School of Mathematics and Statistics, Carleton University	(Ex-officio)
Dean of Faculty	Maria DeRosa, Faculty of Science, Carleton University	(Ex-officio)

**Vice-Provost, Graduate
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