

Lethbridge Number Theory and Combinatorics Seminar

Monday — March 14, 2016

Room: C630

Time: 12:00 to 12:50 p.m.

Joy Morris

Automorphisms of circulant graphs

Abstract: Determining the full automorphism group of a graph is a hard problem with a long history. I will discuss some of the major results that involve finding graphs with a given automorphism group. I will then focus on circulant graphs, and describe some structural results and algorithms that help us determine the full automorphism group of the graph. I will also give some asymptotic results about how many circulant graphs fall into different categories.

EVERYONE IS WELCOME!

Visit the seminar web page at

<http://www.cs.uleth.ca/~nathanng/ntcoseminar/>



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