

Lethbridge Number Theory and Combinatorics Seminar

Monday — March 23, 2015

Room: W565

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

Tristan Freiberg

(University of Missouri)

Square totients

Abstract: A well-known conjecture asserts that there are infinitely many primes p for which $p - 1$ is a perfect square. We obtain upper and lower bounds of matching order on the number of pairs of distinct primes $p, q \leq x$ for which $(p - 1)(q - 1)$ is a perfect square. This is joint work with Carl Pomerance (Dartmouth College).

EVERYONE IS WELCOME!

Visit the seminar web page at <http://www.cs.uleth.ca/~nathanng/ntcoseminar/>

