## Lethbridge Number Theory and Combinatorics Seminar

Monday — September 26, 2016 Room: C756

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

## Farzad Aryan Université de Montréal

## On the zero free region of the Riemann zeta function

Abstract: We discuss the possibility that the Riemann zeta function has a zero  $\sigma + iT$  to the left of the classical zero free region. We will show how the existence of this zero forces the function to have many more zeros in the vicinity of  $\sigma + iT$  or/and  $\sigma + 2iT$ .

## **EVERYONE IS WELCOME!**

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

