

Lethbridge Number Theory and Combinatorics Seminar

Monday — February 22, 2016

Room: C630

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

Nathan Ng

Linear combinations of zeros of L-functions

Abstract: The linear independence conjecture asserts that the multiset of positive ordinates of the zeros of automorphic L -functions is linearly independent over the field of rational numbers. This deep conjecture implies that if $1/2 + i\gamma$ is a zero of the Riemann zeta function, then $1/2 + 2i\gamma$ is not a zero of the zeta function. I will show that on the Riemann hypothesis this is true infinitely often. I will also discuss variants of this phenomenon. This is joint work with Greg Martin and Micah Milinovich.

EVERYONE IS WELCOME!

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



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