

Lethbridge Number Theory and Combinatorics Seminar

TUESDAY — June 28, 2016

Room: C630

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

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Grosswald's conjecture on primitive roots

Abstract: Very little is known about the distribution of primitive roots of a prime p . Grosswald conjectured that the least primitive root of a prime p is less than $\sqrt{p} - 2$ for all $p > 409$. While this is certainly true for all p sufficiently large, Grosswald's conjecture is still open. I shall outline some recent work which resolves the conjecture completely under the Generalised Riemann Hypothesis and which *almost* resolves the conjecture unconditionally.

EVERYONE IS WELCOME!

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

