

# Lethbridge Number Theory and Combinatorics Seminar

Monday — April 1, 2019

Room: D631

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

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## The ternary Goldbach problem with primes in positive density sets

The ternary Goldbach problem stated that every odd integer greater than 5 can be written as sums of three primes. This was proved by Vinogradov for all sufficiently large odd integers and completely proved by Helfgott. On the other hand, by using Green's transference principle method one can extend Vinogradov's result to a density version. In this talk, I will talk about recent results in this direction.

**EVERYONE IS WELCOME!**

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