

Lethbridge Number Theory and Combinatorics Seminar

Monday — March 9, 2020

Room: W561

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

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The size of prime number error terms

Montgomery made a conjecture for the size of the error term in the prime number theorem. Similarly, Gonek made a conjecture for the size of the error term for the summatory function of the Mobius function. I will discuss these conjectures and the connection to large deviations of infinite sums of identically distributed random variables. This is joint work with Amir Akbary and Majid Shahabi.

EVERYONE IS WELCOME!

Visit the seminar web page at

<http://www.cs.uleth.ca/~nathanng/ntcoseminar/>



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