

Lethbridge Number Theory and Combinatorics Seminar

Wednesday, January 31, 2024

1:45 to 2:45 p.m. in M1060

Online Registration Link: <https://uleth.zoom.us/meeting/register/tJEucirrzIsG9cXKQ0Be5JuREYTIiesCb4U>

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A Discrete Mean Value of the Riemann Zeta Function and its Derivatives

In this talk, we will discuss an estimate for a discrete mean value of the Riemann zeta function and its derivatives multiplied by Dirichlet polynomials. Assuming the Riemann Hypothesis, we obtain a lower bound for the $2k^{\text{th}}$ moment of all the derivatives of the Riemann zeta function evaluated at its nontrivial zeros. This is based on a joint work with Kübra Benli and Nathan Ng.

EVERYONE IS WELCOME!

Organizers: Félix Baril Boudreau and Ertan Elma. Visit the seminar web page at <http://www.cs.uleth.ca/~nathanng/ntcoseminar/>



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