

LETHBRIDGE NUMBER THEORY
and COMBINATORICS SEMINAR

Monday – October 19, 2020
12:00 pm (Edmonton time)

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Distribution of the Divisor Function at Consecutive Integers

The purpose of this talk is to discuss the famous Erdos-Mirsky conjecture and problems on consecutive values of multiplicative functions that arise in connection with this conjecture. We'll show how the results of Goldston et al. can be used to sharpen Hildebrand's earlier result on a conjecture of Erdos on limit points of the sequence $d(n)/d(n+1)$. If time permits, we'll also discuss some open problems.

Zoom link and password available from the organizers (Nathan.Ng@uleth.ca or Dave.Morris@uleth.ca)

If possible, please write from a verifiable university email address, and not at the last minute.

EVERYONE IS WELCOME!

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

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