

Lethbridge Number Theory and Combinatorics Seminar

Monday — November 14, 2016

Room: C756

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

Alia Hamieh Value-Distribution of Cubic L -functions

Abstract: In this talk, we describe a method for studying the value-distribution of L -functions based on the Jessen-Wintner theory. This method has been explored recently by Ihara and Matsumoto for the case of logarithms and logarithmic derivatives of Dirichlet L -functions of prime conductor and by Mourtada and V. K. Murty for the case of logarithmic derivatives of Dirichlet L -functions associated with quadratic characters. We show how to extend such results to the case of cubic characters. In fact, we describe a distribution theorem for the values of the logarithms and logarithmic derivatives of a certain family of Artin L -functions associated with cubic Hecke characters. This is a joint work with Amir Akbary.

EVERYONE IS WELCOME!

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