

Lectures on Pure and Applied Math



Announcing

A Seminar Presentation

on June 26, 2015

at 2:00 pm in Maxcy 212

at The University of New Haven

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The University of Oklahoma

Title: Elliptic curves and the representations of
 $GL(2, \mathbb{Q}_p)$

Abstract:

In this talk, we will introduce elliptic curves and define the group structure. Then we will switch gears towards the local case of the Taniyama-Shimura conjecture and explicitly say what are the representations of $GL(2, \mathbb{Q}_p)$ attached to an elliptic curve E/\mathbb{Q}_p .

Pre-requisites: Calculus and Differential Equations.

Further Information

For further information, please contact Angie Domschine at the Department of Mathematics, Office: Maxcy 204, 203-932-7250, ADomschine@newhaven.edu.