



# Announcing

A Seminar Presentation

on Wednesday

June 28, 2017

at 2:00 pm in

Maxcy 203

at The University of New Haven

## Mortgage Contract and Refinancing Strategies

— Jin Zheng

Department of Mathematics  
The University of Nevada

**Abstract:** This talk introduces the basic concepts related to mortgage contract, types of mortgage contract, different payment methods, refinancing strategies, and the value of mortgage contract. Examples of valuing mortgage contract are provided both for deterministic and stochastic market environment. We also investigate the best refinancing time for the debtors based on the view of balancing the profit and risk, where the best time is obtained by maximizing the utility function.

### Further Information

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