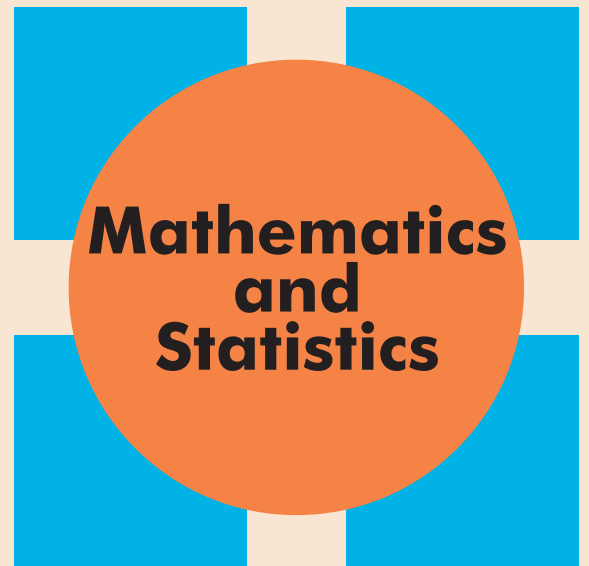


- URMS -
Undergraduate
Research Seminar in
Mathematics and
Statistics



Nathanael Hogan
The Golden Ratio ϕ

Date: October 27

Time: 1:00 - 2:00 PM

Room: CW 307.20 (Math Lounge)

Abstract: The Golden Ratio does not exist in nature to the great extent that many people would prefer.

In this survey talk, I will cover some details on where ϕ can and cannot be found in nature and human history. Some details about the irrationality of ϕ will be necessary and methods by which it can be calculated will be discussed, including its connections to the Fibonacci Sequence.