



# Real Life Derivatives

MATH 110:  
Calculus I

The background is a dark, textured surface covered with a dense, overlapping pattern of mathematical symbols and numbers. The symbols include various numbers (0-9), mathematical operators like plus (+), minus (-), multiplication (x), division (/), and percent (%), as well as geometric shapes like triangles and circles. The colors are primarily dark green, black, and white, with some lighter green highlights. The overall effect is a complex, chaotic, and intellectual visual field.

Questions?



# Lab 7

- Come up with a few practical applications of derivatives
  - Hint: Look at the next few chapters
- Explain why derivatives are useful or not
- Where in life do you think you may use derivatives?
- What is your Major and how do you think derivatives will help you in your career (or not)