

Optimization

MATH 110:
Calculus I

Optimization

- All problems are optimization problems
 - Ethan Gertler

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 accents. The overall effect is a complex, chaotic, and intellectual visual field.

Questions?

Lab 9

- In your own words what is an optimization problem (OP)
- Try to state some everyday problems as an OP
- Can all problems be stated as an OP?
 - If not state a counterexample
 - If so explain why
- State the meaning of life as an OP
- State this assignment as an OP