

Fall 2023

Math 18 — Linear Algebra

Instructor: Sunny (Shishir Agrawal)

Head Instructor: Leesa Anzaldo

Common Ground

Turn to someone sitting near you who you don't already know. Take about 5 minutes to find at least *two* things that you have in common with your partner.

(Try to go beyond “We’re both taking Math 18 this quarter,” but it doesn’t have to anything deeply personal.)

About Me

Course Structure

See Canvas.



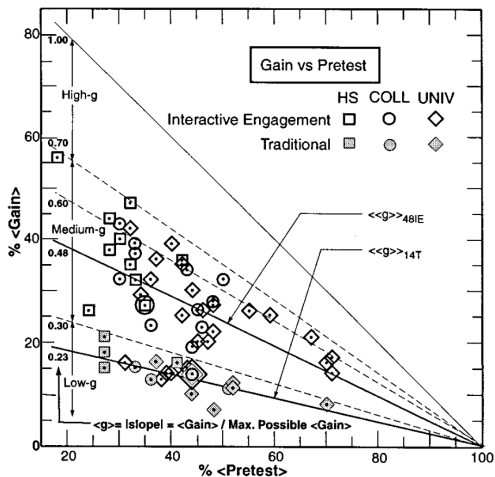
Class Structure

I won't really “lecture.”

Before class, read through the sections indicated on the “Calendar” yourself (usually, 1 section per day). You don't need to understand everything, but you should be familiar enough with the content to be ready to attempt problems.

I'll start class with a *summary* (not a replacement for having done the reading!), and we'll spend most of class working on problems.

Pedagogy Data



Hake, [doi:10.1119/1.18809](https://doi.org/10.1119/1.18809)

Linear Algebra

1. How many solutions does the following system have?

$$\begin{cases} x + y + z = 1 \\ x + y = 0 \\ 2x + 2y + z = 2 \end{cases}$$

- (A) None
- (B) Exactly One
- (C) Infinitely Many