

If you have **questions** you are welcome to unmute and interrupt, or ask in chat (publicly or privately is fine!).

If there are any **technical difficulties** (for example, I am writing offscreen) please let me know right away!

My **website** is <http://www.math.emory.edu/~dzb/>

The **course website** is <https://www.math.emory.edu/~dzb/teaching/250Spring2022/>

The **syllabus** is available here

<https://www.math.emory.edu/~dzb/teaching/250Spring2022/syllabus-math-250-spring-2022.pdf>

This **Miro** board is available at <https://miro.com/app/board/uXjVOXdsj90=/>

The **Overleaf** board is available at <https://www.overleaf.com/read/bkhmmjxxthfj>

**Office hours** are Mondays, 4:30-5:30 via Zoom. **Link is on the syllabus.** If you cannot make it to these office hours, please email me to set up an alternative time. (Preferrably email me 24 hours in advance, and please suggest a big list of times that you are available.)

Foundations of Math

Proof writing / Communication,

Rigor & Proof

Prose instead of "strings of equations"

Inductive vs deductive reasoning,



Empirical / data / observation

proof / logic / symbolic manipulations.

"Even + Even = Even"

$$2 + 2 = 4$$

$$2 + 6 = 8$$

$$8 + 6 = 14$$

...

Definitions.

Lemmas, Propositions, THMs