

Mathematics 205 Syllabus: Winter 2021

1 About the instructor

1. Name: Aaron Pollack
2. Office: Virtual, via Zoom
3. email: apollack@ucsd.edu
4. course website: <https://www.math.ucsd.edu/~apollack/teachingW21.html>
5. Office hours: MW 1:00pm-1:45pm; also, by appointment

2 Basic course information

- Textbook: none. For some related material, I recommend “Exceptional Lie Algebras” by N. Jacobson and “Octonions, Jordan algebras, and Exceptional groups” by Springer and Veldkamp.
- Official class meeting time: MWF, 12:00pm-12:50pm (virtual)
 - First day of lecture: Monday January 4th 2021
 - Last day of lecture: Friday March 12th 2021
 - Our default option will be to have live lectures, which are recorded and uploaded to Canvas. It is possible that we may sometimes have prerecorded lectures. If there is to be a prerecorded lecture, you will be notified in advance via Canvas.
- Holidays (no lecture):
 - Monday, January 18th Martin Luther King, Jr. Day
 - Monday, February 15th President’s Day
- There will not be a final exam, nor any other exams.
- There will be occasional (possibly weekly) short homeworks. Collaboration with others is fine, although you should write up the solutions to the problems yourself. If you do collaborate with others, please record who you collaborated with on your homework.