

Math 418: //DRAFT ONLY// Takehome 1 due Wednesday, February 16, 2022.

Disclaimer, Terms, and Conditions: You may not discuss the exam with anyone except myself. You may *only* consult the following:

- The beloved(?) text, Dummit and Foote's *Abstract Algebra*.
- Your class notes and returned HW sets.
- My online class notes and HW solutions.

You can use any result in Chapters 7-9 and Sections 13.1-13.2 of Dummit and Foote, even if I didn't cover it in class. You can also use the result of any HW problem that was assigned, whether or not you did it.

Office hours: While discussion of these specific problems will be limited to clarifying their statements, I will be happy to answer any broader questions about the course material during my usual office hours (Monday and Tuesday from 1:30-2:30pm), extra office hour (Friday Feb 11, TBA), or by appointment.