

Homework 7

Math 469, Spring 2024

This homework is due on Friday, March 1 at 11:30 am. (Turn in your answers – via Gradescope – to questions 1–3.)

0. Read Sections 2.8–2.10
1. List any concepts in Sections 2.1–2.10 that are related to your final project. Explain briefly.
2. Section 2.12 # 4, 21, 22, 23(a-c), 24-25, 28
3. (This part of your homework pertains to your final project) *You may write these together with your project partner – if so, only one of you needs to turn in this part, but state clearly on both homeworks that you are doing this, and include your partner's full name (first and last name).*
 - (a) Pick one main mathematical result (for instance, a theorem) from the paper you are reading. State it (mathematically). *A description is not enough!*
 - (b) Interpret (in words) the result you stated in (a), and describe (in several sentences) its scientific and/or mathematical significance.