

Graph Theory (Math 430/663)
Fall 2021
Homework Guidelines

Homework will be graded based on completion and effort.

For the most part, I will read your homework superficially. However, if you indicate I should look more carefully at a problem, I will do so.

All homework should be submitted in a single PDF file that has been typeset using \LaTeX .

Embedded figures (even hand-drawn ones) are acceptable provided they are legible.

The purpose of homework is to learn about the subject by engaging with it. Here is a suggested algorithm for getting the most out of the homework.

- Start the homework of Section X as soon as it has been discussed in class.
- Type all problems into \LaTeX and see if you understand the problem.
- Attempt the problem independently.
- If you get stuck, consult appropriate sources. (Don't understand what the problem is asking? Ask Jill or a classmate. Can't think of a good strategy? Look back in the text for similar problems or theorems that might apply. Ask Jill or a classmate.)
- Consult a complete solution only after you have established clearly what the problem is asking, what is a reasonable strategy for attacking the problem and have attempted that strategy.
- Once you think you understand how solve the problem, write your solution without using any external sources.

Bright Lines

- It is ok to read a complete solution online. It is ok to have a classmate explain their complete solution.
- It is **not** ok to ask to see another student's complete solution.
- It is **not** ok to give another student your complete solution.
- It is **not** ok to cut-and-paste a solution as your own in any circumstances, even if you give the other source credit.
- It is **not** ok to repeatedly refer to or line-by-line paraphrase another's solution.
- If you *always* write up your solution independently (ie without notes copied from another source, without repeatedly referring to another source) you will never violated any ethical boundary.