

Due date: 09/06/2021 1:20pm

**Instructions:** You must answer all the questions below and send your solution by email (to [parisepo@hawaii.edu](mailto:parisepo@hawaii.edu)). If you decide to not use  $\text{\LaTeX}$  to hand out your solutions, please be sure that after you scan your copy, it is clear and readable. No late homework will be accepted. No format other than PDF will be accepted. Name your file as indicated in the syllabus.

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1

HOMEWORK PROBLEMS

**Exercise 1.** This is an example of an exercise in the Homework problem section.

**Solution:** This is where you would put your solution. Let  $f : A \rightarrow B$  be a bijection (for example).  $\square$

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2

WRITING PROBLEMS

For each of the following problems, you will be ask to write a clear and detailed proof. You will have the chance to rewrite your solution in your semester project after receiving feedback from me.

**Exercise 2.** This is an example of an exercise in the Writing Problems section.

**Solution:** Here is where you write your solution to the Writing problem.  $\square$