$Math\ 7760-Homework\ 8-Due:\ November\ 18,\ 2022$

Practice Problems:

Problem 1. Prove that every matroid on four or fewer elements is representable over every field aside from \mathbb{F}_2 .

Problems to write up:

Problem 2. Ziegler, problem 6.0.

Problem 3. Ziegler, problem 6.4.