ME 570: Robot Motion Planning

Homework 1 Report

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Question 1.1: Plot \_code\_

It has been a while since I have coded in python using NumPy and I don’t have too much experience with matplotlib, so this question forced me to get back into these packages and the language itself.

A picture containing shape

Description automatically generatedShape, rectangle

Description automatically generated with medium confidence

Figure 1.1: Filled Polygon Figure 1.2: Hollow Polygon

Question 1.2: is\_collision \_code\_