# Math 9510 Homework 1

Due Thursday, 2/2/23

**Note:** Exercise numbers from Purcell refer to the arXiv version of the book, available at `https://arxiv.org/abs/2002.12652`

**1.** Exercise 1.3 in Purcell.

**2.** Exercise 1.4 in Purcell.

**3.** For the 4-tetrahedron ideal triangulation of the Whitehead link complement that we covered in class, work out the tiling of the boundary torus corresponding to the white link component.

**4.** Exercise 3.13 in Purcell.