

# Chapter 1

## Some chapter of some book

### 1.1 Some section of the book

Figure 1.1: Some figure in `main.tex` that we want to reference in `1.tex`.

The references works without warnings: figure 1.1 and figure 1.2

### 1.2 Homework #1

This could be a homework that is assigned when the lecturer finishes covering this chapter.

Figure 1.2: Some figure in `1.tex` that we want to include and reference in both `main.tex` and `hw1.tex`.