**Definition 1.** This is the first definition of the first homework.

**Exercise 1.** This is the first exercise of the first homework.

**Proof.** This is the first proof of the first exercise of the first homework. We can easily reference labels from main.tex, e.g. theorem 1.1.

**Exercise 2.** This is the second exercise of the first homework.

**Proof.** This is the first proof of the second exercise of the first homework. We reference exercise 1 here.

**Exercise 3.** This is the third exercise of the first homework.

**Answer.** The answer to exercise 3



We insert figure 1 as an example figure:

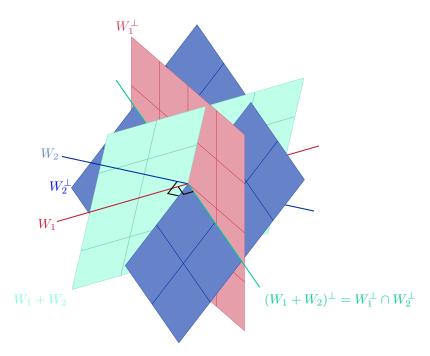


Figure 1: A figure whose author <u>Grass</u> ♂ licenses under <u>CC BY-SA 4.0</u> ♂.