

Chapter 28

List of Problems

A Few Words

We gather some of the problems arising at various places in the main text. They are listed in order of occurrence and no suggestion is made about the degree of their difficulty. In fact, I have not put the same amount of effort in tackling all problems in the list. However, solving them, regardless of difficulty, will definitively inform the theory and the context in which they appear.

Each problem consists of a **task**, which is, in my estimation, the most likely outcome. The **alternative** is also explicitly given. When a task seems a bit involved and I am less certain about its status, I inserted in the list some special subtasks that might be easier to tackle. So, not all problems appearing in the list are independent, and, when aware, I tried to state this explicitly.

As for the format, here is a generic sample, before presenting the list:

Problem X (Chapter 00, Example 00)

This is a special case of Problem Y.

Task: Construct a π -institution in class A but not in class B.

Alternative: Prove that every π -institution in A is also in B.

The List

No problems in the list for the time being.