

# Handout Template

**Lecturer: Lecturer**

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This is a Minimal Working Example of `_andrew.sty`

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# 1 October 12, 2022

## 1.1 Subsection

Let's start with an example.

### Example 1.1

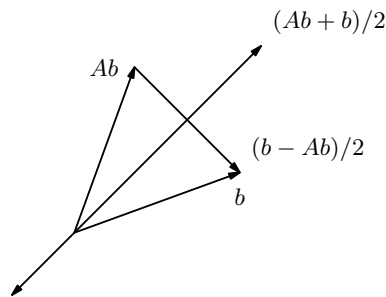
This is an example block. What happens when we do this example?

It turns out that this example gives us a **nice property**, which we can emphasize using `\ac`. Let's introduce a definition.

### Definition 1.2

This is a definition.

Using our definition, we can make a nice diagram:



Some more example diagrams and templates are available at the bottom of `_andrew.sty`. These include tables, common matrix patterns, asymptote starters, and other useful templates to copy and paste that help with taking notes in real time.

Using these properties, this leads us to our first theorem:

### Theorem 1.3 (Important Theorem)

This is the statement for our theorem.

*Proof.* You can use proof environments as usual. □

Let's say we wanted to state a theorem without a name. Then, we could use `\thmlabel` instead of `\thmlabename` inside of our theorem box.

## 1.2 Another Subsection

Our theorem leads to some nice results. For example, consider the following. **Add functionality for theorem referencing.**

### Corollary 1.4

This is a corollary. You may also find `proplabel` useful for propositions.

Finally, make sure that you do not conflate these two concepts:

### Misconception ⚠

This is a common misconception. Make sure not to fall into this trap.

Have fun!



Figure 1: Sleeping Cat