CS 124 Operating Systems

1 Lecture notes template

This template was meant to be used for lecture notes. It has a lot of useful shorthand commands, packages and settings defined to make lecture note writing an effortless process. Refer to section 2 for some examples.

2 Features

Most of the features of this template come from different TeX snippets defined in the latex-common Rammy module. Check its GitHub page for the full list of a available snippets.

2.1 Snippet: compact-header

The small header you see at the top of this page is a part of this template. You can customise its content by (re)defining the \HeaderTitle command.

This snippet also defines the page margins.

2.2 Snippet: symbols

This template includes a lot of useful Math symbols. Here's a quick preview:

$$\mathbb{R}^n \times \mathbb{R}^m$$
 $\mathbb{M}_{r \times k}$ $\mathbb{C}, \mathbb{Z}, \mathbb{Q}$ $f: \mathbb{R}^n \to \mathbb{R}$ $\frac{df}{dt}\Big|_{t=4}$ $A \otimes B$ $\langle v, u \rangle$ $\langle \cdot, \cdot \rangle$ $\|A\|$

See the source code of the symbols snippet for more info.

2.3 Snippet: code

As the name implies, this snippet adds a bunch of code-related features. Code snippets should be inserted using the lstlisting environment:

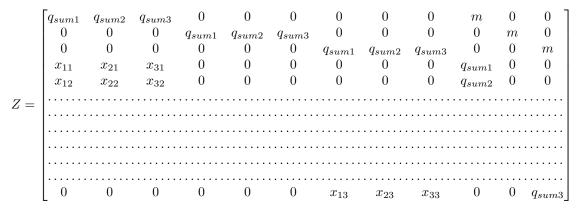
```
/**
 * This code snippet was taken from Rammy CLI tests.
 */
describe('rammy init', () => {
   it('should succeed in an empty directory', () => {
      TU.removeFixture(configName);
      assertRammyCommand('init', 0);
      assert.isTrue(TU.hasFixture(configName), 'Config file was not created!');
   });
   it('should fail when a project has already been initialised', () => {
      assertRammyCommand('init', 1);
   });
```

});

Additionally, the \code command can be used to insert inline code snippets.

2.4 Other snippets and features

This template has coloured links: https://github.com/TimboKZ/latex-common. It also supports long matrices:



This template doesn't use standard ET_{EX} fonts - it uses a sans-serif font for the main text and Inconsolota as the monospace font. The packages needed for common figure functionality are also included via the figures snippet.