LaTeX Template for Course Project

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Abstract

The abstract must be limited to one paragraph; see an annotated Nature abstract as the guideline. In particular, you will need one or two sentences providing a basic introduction to the field, comprehensible to a scientist in any discipline. Next, provide two to three sentences of more detailed background, comprehensible to scientists in related disciplines. The next two sentences are probably the most essential one in the abstract: One sentence clearly stating the general problem being addressed by this particular study, and one sentence summarising the main result (with the words "here we show" or their equivalent). The rest are detailed analysis of results: (i) Two or three sentences explaining what the main result reveals in direct comparison to what was thought to be the case previously, or how the main result adds to previous knowledge. (ii) One or two sentences to put the results into a more general context. (iii) Two or three sentences to provide a broader perspective, readily comprehensible to a scientist in any discipline, may be included in the first paragraph if the editor considers that the accessibility of the paper is significantly enhanced by their inclusion. Under these circumstances, the length of the paragraph can be up to 300 words.

1   Introduction

This provides the LaTeX template for project report. Please read the instructions carefully and follow them faithfully.

2   Headings: first level

All headings should be lower case (except for first word and proper nouns).

2.1   Headings: second level

This is a second-level heading.
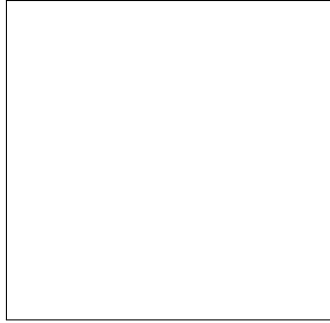
2.1.1   Headings: third level

This is a third-level heading.

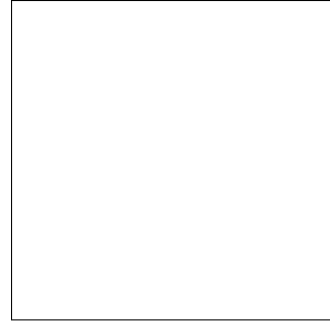**Paragraphs**   There is also a `\paragraph` command available.

3   Citations, figures, tables, references

These instructions apply to everyone.

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[*]Use footnote for providing further information about author (webpage, co-first authors, *etc*.).

(a) **Subfigure 1**. This is what you should write to explain this subfigure.

(b) **Subfigure 2**. This is what you should write to explain this subfigure.

Figure 1: **Figure caption.** The figure caption goes here.

3.1 Citations within the text

This is an citation example [**?**]. You can also cite in the author-year format by using **?**]. Please list all your references into `reference.bib`, and add the citation with command `\citep{}` or `\citet{}`. Of note, bibtex directly exported by Google Scholar oftentimes has errors:

- ICLR conference papers usually are displayed as arXiv papers. You should correct in the bibtex.
- Some papers do have both arXiv version and published version. Click on all versions in Google Scholar, and only use the published version.
- Some books were wrongly classified as article in Google Scholar. Please manually change it to book when cite.
- Some book chapters were wrongly classified as article in Google Scholar. Please use incollection to properly cite.

The reference.bib file offers some examples.

Please use `\ac{}` and its package to properly manage acronym. For instance, you can directly use cro:pkuPeking University (PKU); this will give both full names and its acronym. The next time when you use it, PKU, it will only show the acronym. You can tell the package that you want the full name, Peking University (PKU), its short form, PKU, or its long form, Peking University. It also provides a way to give you the plural form, *e.g.*, PKUs, Peking Universitys; note that some may not be grammatically correct, and you should use it properly.

3.2 Footnotes

Footnotes should be used sparingly. If you do require a footnote, indicate footnotes with a number[2] in the text.

Note that footnotes are properly typeset *after* punctuation marks.[3]

3.3 Figures

All artwork must be neat, clean, and legible. Lines should be dark enough for purposes of reproduction. The figure number and caption always appear after the figure. The figure caption should be lower case (except for first word and proper nouns); figures are numbered consecutively.

Please place your figure files into the `figures/` folder. An example figure is shown in Fig. 2. You can also use subfigures, *e.g.*, Fig. 1a and 1b.

3.4 Tables

All tables must be centered, neat, clean and legible. The table number and title always appear before the table. See Tab. 1.

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[2]Sample of the first footnote.
[3]As in this example.

Figure 2: Sample figure caption.

Table 1: **Sample table title.** This is where you write the table caption

	Part	
Name	Description	Size (μm)
Dendrite	Input terminal	$\sim$100
Axon	Output terminal	$\sim$10
Soma	Cell body	up to 10^6

The table title must be lower case (except for first word and proper nouns); tables are numbered consecutively.

3.5 Cross references

Please use the command \cref{} to cross reference the figures, tables, sections, *etc*.

This is an example. The Fig. 2 is within Sec. 3.

A   Appendix

Optionally include extra information (complete proofs, additional experiments and plots) in the appendix. This section will often be part of the supplemental material.

```
1  def hello_world():
2      #
3      print("Hello, World!")
```