ElegantPaper: An Elegant \LaTeX\ Template for Working Papers

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Elegant\LaTeX\ Program

Version: 0.09
Date: April 12, 2020

Abstract

This documentation illustrates the usage of the ElegantPaper template. This template is based on the standard \LaTeX\ article class, which is designed for working paper writing. With this template, you can get rid of all the worries about the format and merely focus on writing. For any question, please leave a message on GitHub::ElegantPaper/issues. Want to know more about Elegant\LaTeX\ Templates? Please visit: https://github.com/ElegantLaTeX.

Keywords:  Elegant\LaTeX, Working Paper, Template

1 Introduction

This template is based on the standard \LaTeX\ article class, hence the arguments of article class are acceptable (a4paper, 10pt and etc.). Alternative engines are pdf\LaTeX\ and Xe\LaTeX.\n\documentclass[\texttt{a4paper},11pt]{elegantpaper}

Note: ElegantPaper is available on Overleaf and gitee.

1.1 Global Options

Language mode option \texttt{lang} allows two alternative inputs, \texttt{lang=en} (default) for English or \texttt{lang=cn} for Chinese. \texttt{lang=cn} will make the caption of figure/table, abstract name, refname etc. Chinese. You can use this option as
\documentclass[\texttt{lang=cn}]{elegantpaper} \% or
\documentclass{\texttt{cn}}{elegantpaper}

Note: Under the English mode \texttt{lang=en}, Chinese characters are not allowed. To type in Chinese, please load \texttt{ctex} or \texttt{xecjk} package at the preamble as:
\usepackage[UTF8,scheme=plain]{ctex}
1.2 Math Fonts

This template defines a new option (math), with three options:

1. math=cm (default), use \LaTeX\ default math font (recommended).
2. math=newtx, use newtxmath math font (may bring about bugs).
3. math=mtpro2, use mtpro2 package to set math font.

1.3 Custom Commands

Default \LaTeX\ commands and environments are all the same in this template\(^1\). We created four new commands:

1. \email: create the hyperlink to email address.
2. \figref: same usage as \ref, but start with label text <Figure n>.
3. \tabref: same usage as \ref, but start with label text <Table n>.
4. \keywords: create the keywords in the abstract section.

1.4 Bibliography

This template used \BibTeX\ to generate the bibliography, the default bibliography style is aer under the option lang=en. Citation example: (Carlstrom and Fuerst, 1997; Li et al., 2018; Quadrini, 2011) used data from a major peer-to-peer lending marketplace in China to study whether female and male investors evaluate loan performance differently.

If you want to use \BibTeX, you must create a file named wpref.bib, and add bib items (from Google Scholar, Mendeley, EndNote, and etc.) to wpref.bib file, and cite the bibkey in the tex file. Note that \BibTeX\ has to be added.

Three options for the references, cite=numbers (default), cite=super and cite=authoryear. Those who major in science and engineering use numbers and super more often, while those who major in arts use authoryear more frequently. To switch different options, use

\begin{verbatim}
\documentclass[cite=super]{elegantpaper} % super style ref style
\documentclass[super]{elegantpaper}
\documentclass[cite=authoryear]{elegantpaper} % author-year ref style
\documentclass[authoryear]{elegantpaper}
\end{verbatim}

\(^1\)To ensure the codes are replicatable. We recommend users pay more attention to the contents other than formats. This is the meaning of the existence of the template.
2 Recruit Support Members

Recruit support members for ElegantLaTeX to translate template official guide, maintain wiki entries (Markdown), update Wechat articles. No deadline for this recruitment.

So far, ElegantLaTeX has four support members:

- OG Translator: YPY;
- Wiki Maintainer: Ingo Zinngo, Xiaohao890809;
- QQ Group Manager: Sikouhjw.

Thank them all!!!

3 Acknowledgement

The number of stars on GitHub for ElegantPaper reached 277 on April 12, 2020 at the release of ElegantPaper v0.09. Thank ChinaLaTeX and LATEX studio for their promotion. If you like our templates, you can star it on GitHub.

![ElegantLaTeX / ElegantPaper](https://github.com/ElegantPaper)

Figure 1: Twinkle, Twinkle, Little Star

4 Donation

To express your love for our templates and/or our developers, please do not hesitate to tip us.

![QR Codes](image1.png)

The explanation right of the tip usage belongs to ElegantLaTeX with no supervision. Feel free to tip us. Those who donate more than 10 RMB will be recorded in the donation list. Thank all the tippers!
Table 1: Donation List

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5 FAQ

1). *How to remove the information of version?*
   Please comment \version{x.xx}.

2). *How to remove the information of date?*
   Please type in \date{}.

3). *How to add several authors?*
Use `\and` in `\author` and use `\\` to start a new line.

```
\author{author 1\\ org. 1 \and author 2\\ org. 2}
```

4). How to display bilingual abstracts?

Please refer to GitHub::ElegantPaper/issues/5

References


A Use newtx fonts

If you use `newtx` fonts, type in:

```
\documentclass [math=newtx]{elegantbook}
```

A.1 Hyphens

Since the template uses `newtx`, please pay attention to the hyphens. For instance,

$$\int_{R^q} f(x,y) \, dy.$$  \hfill (1)

The corresponding code is:

```
\begin{equation}
\int_{R^q} f(x,y) \, dy. \text{of \kern 0pt f}
\end{equation}
```

A.2 Symbol Fonts

Feedback from ElegantBook users claims that error occurs when using our templates with `ykmth`, `esvect` and other packages.

LaTeX Error:

Too many symbol fonts declared.

The reason is that the template redefines font for math so that no new math font is allowed to be added. To use `ykmth` and/or `esvect`, please locate `ykmth` or `esvect` in `elegantpaper.cls`, uncomment corresponding related code.