The **FadingImage** Package

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Abstract

This is **not only the document but also the demo** for FadingImage package, which provides two commands for adding fading full width picture at the top or bottom of a page. And this package is a component of my template LiteBook.

1   The purpose of this package

This package provides two commands for adding fading full width picture at the top or bottom of a page. Welcome to feedback bugs or ideas via email xiamyphys@gmail.com or GitHub.

This package requires tikz package to node images and fading library to support fading image.

2   Loading **FadingImage**

You can simply download latest fadingimage.sty file from GitHub or CTAN and save it under your working directory, or using terminal/cmd to implement the commands to update all the packages (and install this package) to the latest version or switch to portable version instead

```
sudo tlmgr update --self --all
```

3   Commands **UPFadingImage** & **LOWFadingImage**

```
\UPFadingImage[ ]{example-image-a} \LOWFadingImage[ ]{example-image-a}
```

The two commands are all have 2 variables, while the first one is optional. The second variable of the commands can assign the image that you want to insert, and the first one can assign the parameters of command includegraphics, such as clip to the inserted image

```
\UPFadingImage[trim={0 {.75\paperheight} 0 0},clip]{example-image-a}[.5]
```

If a star (*) is added after the commands (such as \UPFadingImage*[...]{...}), then the image you inserted won't be faded. **The effect of the commands is just like this document**.

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*https://github.com/xiamyphys/FadingImage