Subfile Example

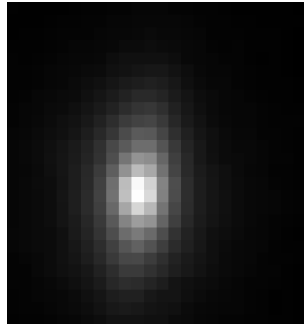## Team Learn ShareLaTeX

1   Introduction

Hello world!

Figure 1: ShareLaTeX learn logo

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a diference between this text and some nonsense like Huardest gefburn"? Kjift not at all! A blindtext like this gives you information about the selected font, how the letters a rewritten and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

2 Second section

[utf8]inputenc [english]babel xspace natbib amsmath mathrsfs [usenames,dvipsnames,svgnames,tabl

etoolbox graphicx [parfill]parskip enumitem [ampersand]easylist hyper-

ref

3 sec2

Gravitational Lensing provides us a way to see how dark matter along with visible matter is distributed in a galaxy or galaxy cluster. This is supported by Einstein's general theory of relativity which predicts the deflection of light in a gravitational field produced by a massive object. Refer to **?**

3.1 Formulation of Gravitational Lensing

I have to write here.

3.1.1 Einstein's Deflection Angle

3.1.2 Lens equation

References

A. C. Fabian. Observational Evidence of Active Galactic Nuclei Feedback. *Annual Review of Astronomy and Astrophysics*, 50:455–489, September 2012. doi: 10.1146/annurev-astro-081811-125521.

.bib/../bib/

References

A. C. Fabian. Observational Evidence of Active Galactic Nuclei Feedback. *Annual Review of Astronomy and Astrophysics*, 50:455–489, September 2012. doi: 10.1146/annurev-astro-081811-125521.