

# L<sup>A</sup>T<sub>E</sub>X Tutorial

Dylan Mikesell

01 October 2015

## Contents

<a href="#">1</a>	<a href="#">My first section</a>	<a href="#">3</a>
<a href="#">2</a>	<a href="#">Bibtex</a>	<a href="#">3</a>
<a href="#">3</a>	<a href="#">How to make the bibliography</a>	<a href="#">3</a>
<a href="#">4</a>	<a href="#">Check the hyperref package out!</a>	<a href="#">4</a>

## 1 My first section

You can reference Section 4 on page 4 by labeling your section and calling it, e.g.

```
\section{Check the hyperref package out!}  
\label{sec:hyper}
```

```
Section~\ref{sec:hyper}
```

```
page~\pageref{sec:hyper}
```

## 2 Bibtex

You can also reference the volcano tomography work of Lees (2007) using

```
\citet{Lees2007}
```

Check the *natbib* texdocs to see the complete list of citation styles. There is also a pdf in the main BSU\_LaTeX\_Thesis\_Template folder.

## 3 How to make the bibliography

We can make the reference list with

```
\bibliography{myBibFile.bib}  
\bibliographystyle{authordate1}
```

where *myBibFile.bib* is my bibtex library file that contains:

```
@article{Lees2007,  
  author = {Lees, Jonathan M.},  
  doi = {10.1016/j.jvolgeores.2007.06.008},  
  isbn = {0377-0273},  
  issn = {03770273},  
  journal = {Journal of Volcanology and Geothermal Research},  
  number = {1-4},  
  pages = {37--56},  
  title = {{Seismic tomography of magmatic systems}},  
  volume = {167},  
  year = {2007}  
}
```

and *authordate1* is the format I want to use.

## 4 Check the hyperref package out!

The hyperref package allows you to make all references within your document clickable links. Add this to your preamble

```
\usepackage{hyperref}
\hypersetup{
  colorlinks    = true,
  citecolor     = red,
  linkcolor     = blue,
  urlcolor      = blue
}
```

and then you can make link to a webpage with

```
\href{https://tobi.oetiker.ch/lshort/lshort.pdf}{here}
```

where *here* will be the title of the link. All of you references, sections, equation, figure labels, etc. will automatically be clickable links. See the *Lees* example on page 3.

## References

Lees, Jonathan M. 2007. Seismic tomography of magmatic systems. *Journal of Volcanology and Geothermal Research*, **167**(1-4), 37–56.