Introduction to LaTeX Workshop:
Useful Resources

All over the internet there are sites, fora, and guides devoted to all levels of LaTeXusers, to say nothing of the many published books and physical resources. In my experience, any question concerning mathematical typesetting that you can imagine has already been asked and answered so the real problem is sifting through the mounds of information available through Google ☺ I have created a brief list of some of the sites that I use most frequently to answer my own LaTeX queries.

1   General Help

- **tex.stackexchange** This community is amazingly knowledgeable and friendly. Even the most complex questions are typically answered within hours, usually with complete working examples.

- **Detexify** The detexify website: detexify.kirelabs.org/classify.html allows you to draw the symbol on the screen and gives you the corresponding LaTeX command.

- **wikibooks/LaTeX** This resources contains a well written introduction to LaTeXas well as comprehensive guides to more advanced aspects of mathematical typesetting.

- **CTAN** The Comprehensive TeX Archive Network hosts most of the fonts, packages, and resources used by the TeX community.

- **The Comprehensive LaTeX Symbols List** Found at http://mirror.utexas.edu/ctan/ info/symbols/comprehensive/symbols-a4.pdf this resource contains the commands for 14,032 different symbols.

- **TexBlog** Both texblog.org and texblog.net compile topical posts about mathematical typesetting and the LaTeX community.

- **LyX** A free WYSIWYM editor for LaTeX documents with many templates and a GUI that can be downloaded from lyx.org.

2   Templates

Several websites host large collections of LaTeX document templates to get your project started. For everything from books to homework assignments to CVs using templates is a great way to start learning about typesetting. Recently, both Overleaf and ShareLatex have incorporated large template libraries into their software platforms. Additionally, howtotex.com and latextemplates.com both provide hundreds of templates that are free to download and easy to use. The TeX showcase, hosted by the TeX Users Group, has many examples of quite complex documents. Finally, texample.net contains a large collection of figures drawn entirely in LaTeXmostly using the Tikz and PGF packages. This site really highlights the full power of the TeXcomputational engine and even includes animated figures.