

COFFEE



LECTURE

u^b

^b
UNIVERSITÄT
BERN

Make it your own!
Personalize your
LaTeX thesis with
style and class



Dr. Lisa Kattner
Research Support Team
Science Library

Thursday
07.12.2023
13:00, Zoom

Introduction

C:\Users\lk164\Desktop\LATEX\Masterarbeit\TESTI.tex - TeXstudio

Datei Bearbeiten Idefix Tools Latex Mathe Assistenten Bibliographie Makros Anzeige Optionen Hilfe

TESTI.tex X

```
\documentclass{report}
\usepackage{lipsum}
\begin{document}
\chapter{This is the first chapter}
\lipsum[1-2]
\end{document}
```

Zeile: 10 Spalte: 14 Modus: Einfügen

Meldungen Log Vorschau Suchergebnisse

Prozess gestartet: pdflatex.exe -synctex=1 -interaction=nonstopmode "TESTI".tex

Prozess beendet: normal

Test file: TeXstudio with MiKTeX distribution

Chapter 1

This is the first chapter

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

Seite 1 von 1 72%

de_DE UTF-8 Fertig Automatisch

What is the difference between class and style?

- A class is a combination of typographical settings combined to form a document (file extension *.cls)
- Style files (or packages) change the design of a document (file extension *.sty)

„If new commands could be used with any document class, then make them a package; and if not, then make them a class.“

From [LaTeX2e for class and package writers](#), section 2.3

What is the difference between class and style?

The screenshot shows the TeXstudio interface with the file `TESTI.tex` open. The source code editor on the left contains the following LaTeX code:

```
\documentclass{report}
\usepackage{lipsum}
\begin{document}
\chapter{This is the first chapter}
\lipsum[1-2]
\end{document}
```

Annotations highlight the difference between document classes and style files:

- Latex Standard document classes:** A teal box lists standard classes: `- article`, `- report`, `- book`, `- letter`, and `- slides`. An arrow points from this box to the `\documentclass{report}` line in the code.
- Style file:** A teal box points to the `\usepackage{lipsum}` line, indicating that this package provides the styling for the document.

The right pane shows a preview of the compiled document. It features a title page with the chapter title "Chapter 1" and "This is the first chapter". Below the title is a paragraph of Lorem Ipsum text.

At the bottom of the TeXstudio window, the status bar shows "Seite 1 von 1" and "72%", along with language and encoding settings (de_DE, UTF-8).

What is the difference between class and style?

The screenshot shows the TeXstudio interface with a LaTeX document named TESTI.tex. The source code on the left is as follows:

```

\documentclass{book}
\usepackage{lipsum}

\begin{document}

\chapter{This is the first chapter}
\lipsum[1-2]

\end{document}

```

A blue arrow points to the `\documentclass{book}` line. The right pane shows the rendered PDF output, which includes the title "Chapter 1", the subtitle "This is the first chapter", and two paragraphs of Lorem Ipsum text. The status bar at the bottom indicates "Seite 1 von 1" and "72%".

Different Options to change the look of your thesis

- Use style packages in your thesis file
- Create your own thesis class
- Find templates which do the work for you



















u^b

Use packages to change your thesis file

The screenshot displays the TeXstudio interface with the following components:

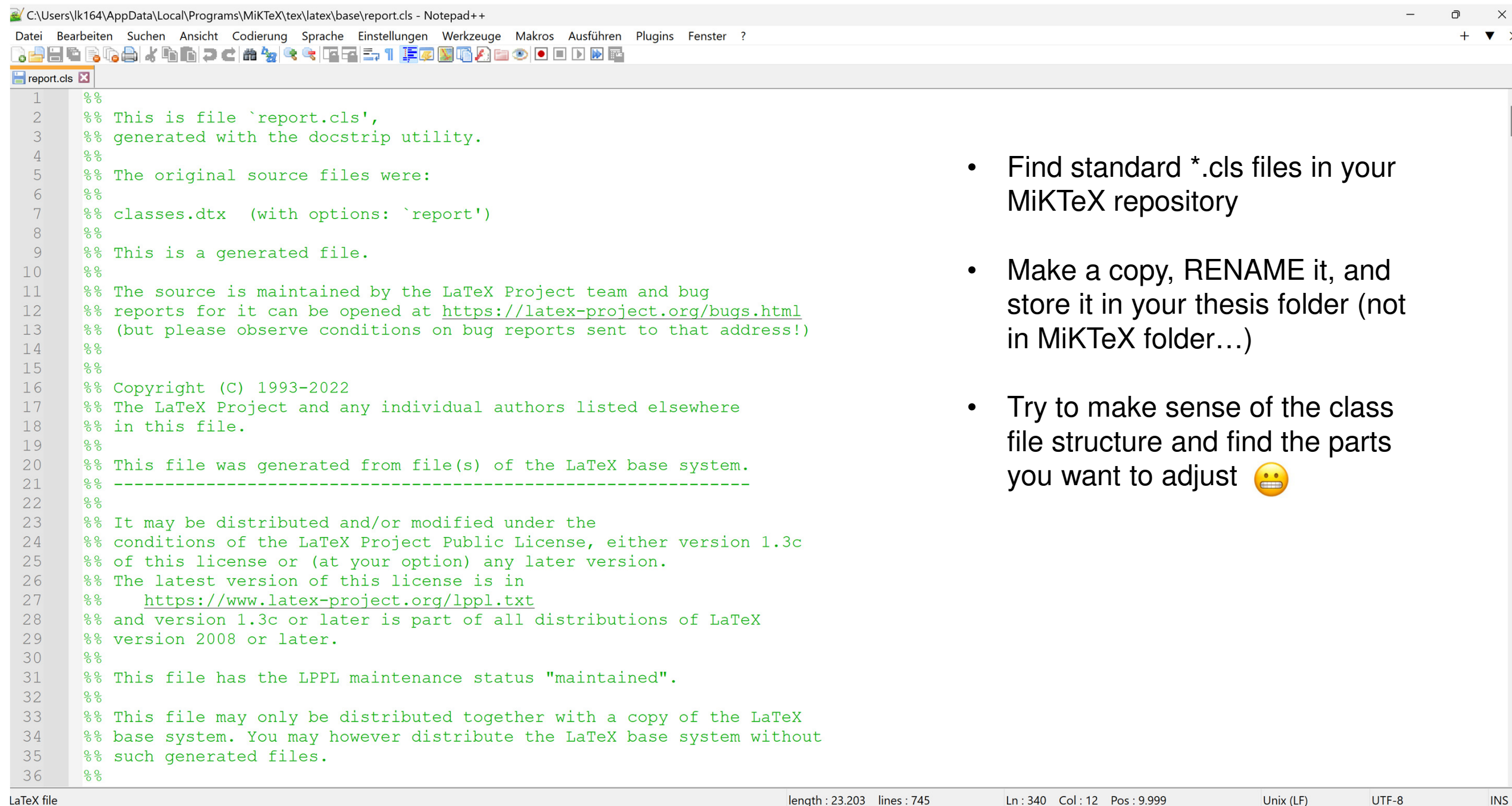
- Source Editor (Left):** Contains LaTeX code for a document class and chapter formatting. Teal arrows highlight the effect of each command:
 - `\usepackage{lipsum}` and `\usepackage{color}` are grouped by an arrow, indicating they load the `lipsum` and `color` packages.
 - `\usepackage{titlesec}` is highlighted by an arrow, indicating it loads the `titlesec` package.
 - `\titleformat{\chapter}[display]{\normalfont\large\bfseries\color{blue}}{\chaptertitlename\ \thechapter}{20pt}{\Huge}[]` is highlighted by an arrow, indicating it formats the chapter title.
- Rendered Output (Right):** Shows the visual result of the code:
 - The chapter title "Chapter 1" is rendered in blue.
 - The main title "This is the first chapter" is rendered in a large, bold, blue font.
 - The body text is rendered in a standard black font, consisting of two paragraphs of Lorem Ipsum.
- Status Bar (Bottom):** Shows "Seite 1 von 1", "73%", and "Modus: Einfügen".

Create your own thesis class

AppData > Local > Programs > MiKTeX > tex > latex > base				
   Sortieren ▾  Anzeigen ▾ 				
<input type="checkbox"/> Name	Änderungsdatum	Typ	Größe	
 ullasy.fd	30.11.2022 22:36	FD-Datei	3 KB	
 article	30.11.2022 22:36	LaTeX Class	20 KB	
 book	30.11.2022 22:36	LaTeX Class	23 KB	
 letter	30.11.2022 22:36	LaTeX Class	14 KB	
 ltnews	30.11.2022 22:36	LaTeX Class	20 KB	
 ltxdoc	30.11.2022 22:36	LaTeX Class	9 KB	
 ltxguide	30.11.2022 22:36	LaTeX Class	8 KB	
 minimal	30.11.2022 22:36	LaTeX Class	2 KB	
 proc	30.11.2022 22:36	LaTeX Class	4 KB	
 report	30.11.2022 22:36	LaTeX Class	23 KB	
 slides	30.11.2022 22:36	LaTeX Class	17 KB	
 source2edoc	30.11.2022 22:36	LaTeX Class	10 KB	
 fontmath	30.11.2022 22:36	LaTeX Document	25 KB	

- Find standard *.cls files in your MiKTeX repository

Create your own thesis class



```
1 %%
2 %% This is file `report.cls',
3 %% generated with the docstrip utility.
4 %%
5 %% The original source files were:
6 %%
7 %% classes.dtx (with options: `report')
8 %%
9 %% This is a generated file.
10 %%
11 %% The source is maintained by the LaTeX Project team and bug
12 %% reports for it can be opened at https://latex-project.org/bugs.html
13 %% (but please observe conditions on bug reports sent to that address!)
14 %%
15 %%
16 %% Copyright (C) 1993-2022
17 %% The LaTeX Project and any individual authors listed elsewhere
18 %% in this file.
19 %%
20 %% This file was generated from file(s) of the LaTeX base system.
21 %% -----
22 %%
23 %% It may be distributed and/or modified under the
24 %% conditions of the LaTeX Project Public License, either version 1.3c
25 %% of this license or (at your option) any later version.
26 %% The latest version of this license is in
27 %% https://www.latex-project.org/lppl.txt
28 %% and version 1.3c or later is part of all distributions of LaTeX
29 %% version 2008 or later.
30 %%
31 %% This file has the LPPL maintenance status "maintained".
32 %%
33 %% This file may only be distributed together with a copy of the LaTeX
34 %% base system. You may however distribute the LaTeX base system without
35 %% such generated files.
36 %%
```

LaTeX file length : 23.203 lines : 745 Ln : 340 Col : 12 Pos : 9.999 Unix (LF) UTF-8 INS

- Find standard *.cls files in your MiKTeX repository
- Make a copy, RENAME it, and store it in your thesis folder (not in MiKTeX folder...)
- Try to make sense of the class file structure and find the parts you want to adjust 🤔

Create your own thesis class

u^b

The image shows a side-by-side comparison of two LaTeX class files in Notepad++:

- Left Pane (report.cls):** Shows the original code. Line 355 contains `\huge\bfseries \@chapapp\space \thechapter`.
- Right Pane (myownreport.cls):** Shows the modified code. Line 355 contains `\large\bfseries \color{blue} \@chapapp\space \thechapter`. A teal box highlights the entire modified block from line 351 to 362. A red circle highlights the `\color{blue}` command. A green comment `%size and color of chapter by Lisa` is added on line 356.

Comment change!

LaTeX file length : 23.203 lines : 745 Ln : 340 Col : 12 Pos : 9.999 Unix (LF) UTF-8 INS

Create your own thesis class

u^b

The screenshot shows the TeXstudio interface with a LaTeX document titled 'TESTI.tex'. The left pane displays the source code, and the right pane shows the rendered output.

Source Code (Left Pane):

```
\documentclass{myownreport}

\usepackage{lipsum}

\begin{document}

\chapter{This is the first chapter}
\lipsum[1-2]

\end{document}
```

A green arrow points to the `\documentclass{myownreport}` line.

Rendered Output (Right Pane):

Chapter 1

This is the first chapter


Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

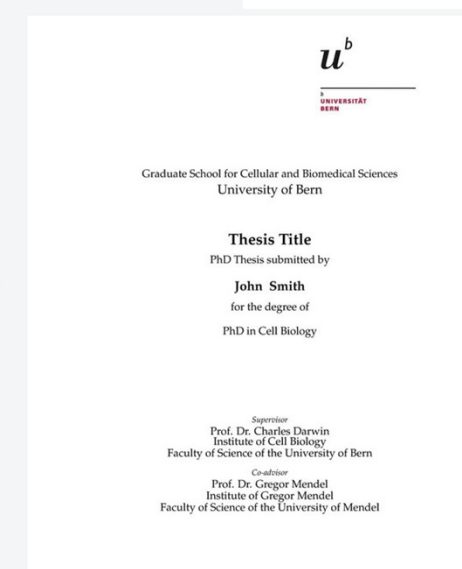
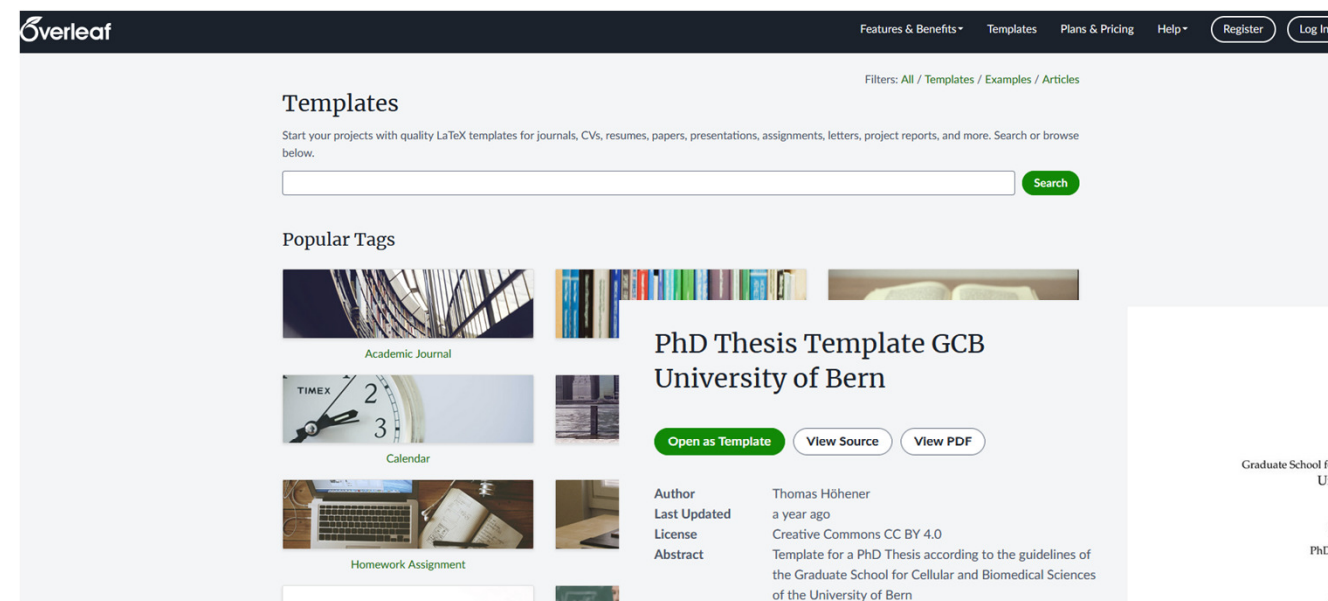
Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

Status Bar (Bottom): Zeile: 6 Spalte: 16 Modus: Einfügen Seite 1 von 1 74% de_DE UTF-8 Fertig Automatisch

Use thesis templates

Sources for LaTeX Templates:

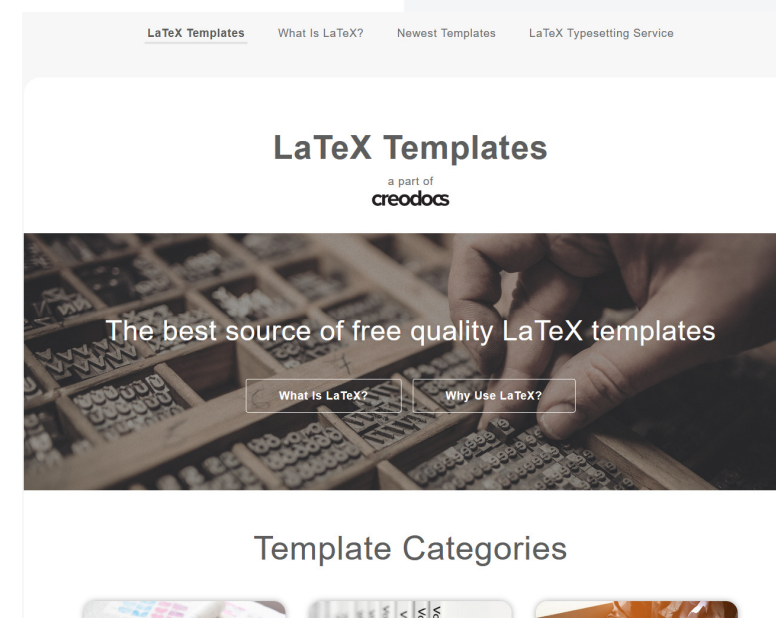
- www.latextemplates.com
- www.overleaf.com
- www.github.com 



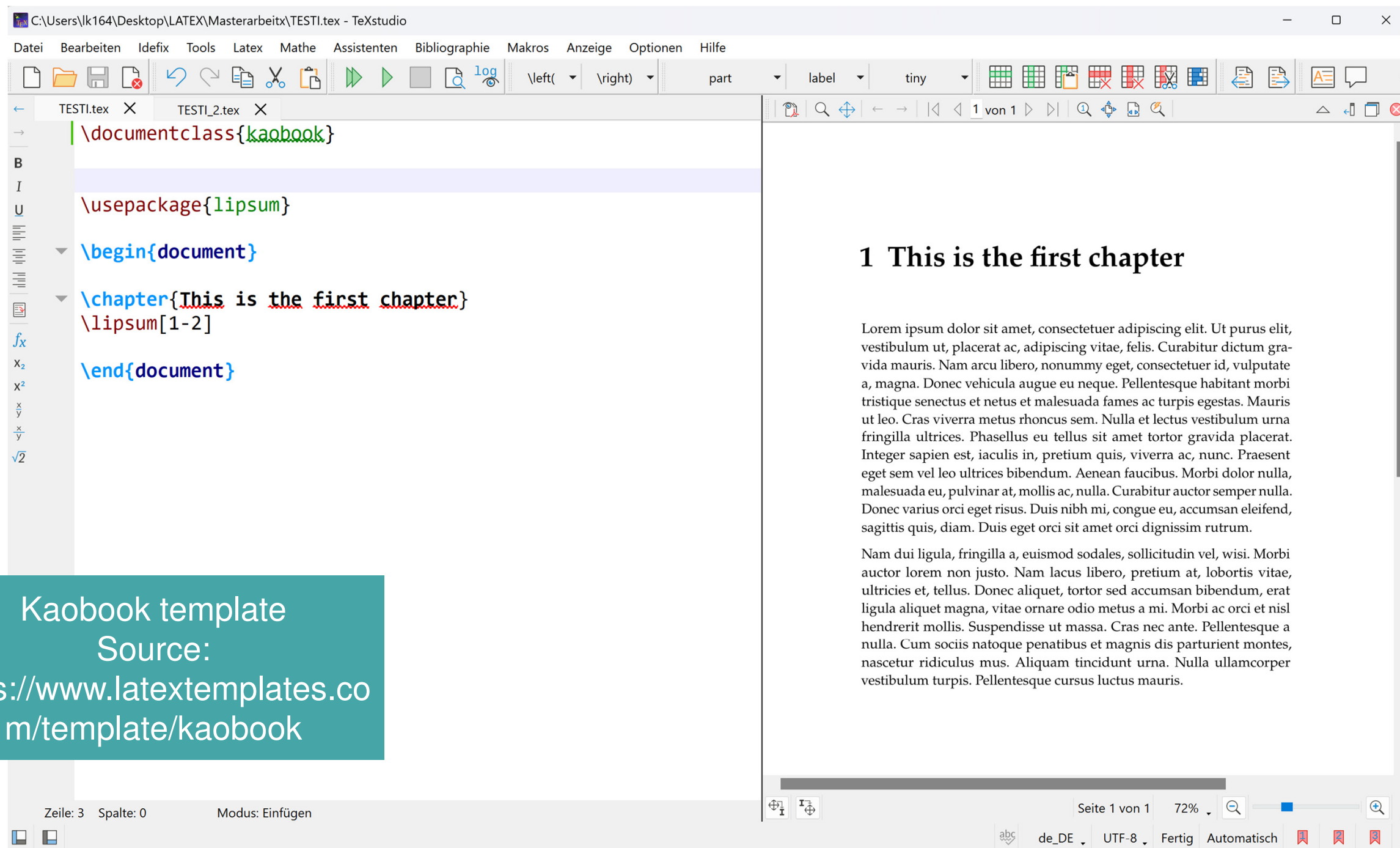
Examples for impressive LaTeX designs

<https://tex.stackexchange.com/questions/1319/showcase-of-beautiful-typography-done-in-tex-friends>

<https://tex.stackexchange.com/questions/34301/how-to-add-some-visual-style-and-pizzazz-to-course-notes>



Use thesis templates



The screenshot shows the TeXstudio interface with the Kaobook template loaded. The left pane displays the LaTeX source code, and the right pane shows the rendered PDF output.

Source Code (Left Pane):

```
\documentclass{kaobook}

\usepackage{lipsum}

\begin{document}

\chapter{This is the first chapter}
\lipsum[1-2]

\end{document}
```

Rendered Output (Right Pane):

1 This is the first chapter

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

Status Bar (Bottom): Zeile: 3 Spalte: 0 Modus: Einfügen Seite 1 von 1 72% de_DE UTF-8 Fertig Automatisch

Kaobook template

Source:

<https://www.latextemplates.com/template/kaobook>

Introduction

1

1.1 The Main Ideas

Many modern printed textbooks have adopted a layout with prominent margins where small figures, tables, remarks and just about everything else can be displayed. Arguably, this layout helps to organise the discussion by separating the main text from the ancillary material, which at the same time is very close to the point in the text where it is referenced.

This document does not aim to be an apology of wide margins, for there are many better suited authors for this task; the purpose of all these words is just to fill the space so that the reader can see how a book written with the kaobook class looks like. Meanwhile, I shall also try to illustrate the features of the class.

The main ideas behind kaobook come from this [blog post](#), and actually the name of the class is dedicated to the author of the post, Ken Arroyo Otori, which has kindly allowed me to create a class based on his thesis. Therefore, if you want to know more reasons to prefer a 1.5-column layout for your books, be sure to read his blog post.

Another source of inspiration, as you may have noticed, is the [Tufte-Latex Class](#). The fact that the design is similar is due to the fact that it is very difficult to improve something which is already so good. However, I like to think that this class is more flexible than Tufte-Latex. For instance, I have tried to use only standard packages and to implement as little as possible from scratch;¹ therefore, it should be pretty easy to customise anything, provided that you read the documentation of the package that provides that feature.

In this book I shall illustrate the main features of the class and provide information about how to use and change things. Let us get started.

- 1.1 The Main Ideas 1
- 1.2 What This Class Does 1
- 1.3 What This Class Does Not Do 2
- 1.4 How to Use This Class 3

1: This also means that understanding and contributing to the class development is made easier. Indeed, many things still need to be improved, so if you are interested, check out the repository on [github](#)!

the document structure than about the \LaTeX principle that structure and content should be separated as much as possible (see also Section Section 1.3). This class will only provide the opportunity to do things, and, actually, some stylistic matters are left to be customised with ease.

Page Layout The text width is reduced to improve readability and make space for the margins, where any sort of elements can be displayed.

Chapter Headings As opposed to Tufte-Latex, we provide a variety of chapter headings among which to choose; examples will be seen in later chapters.

2: This is another departure from Tufte's design.

3: Sidenotes (like this!) are numbered while marginnotes are not



Figure 1.1: The Mona Lisa.
https://commons.wikimedia.org/wiki/File:Mona_Lisa,_by_Leonardo_da_Vinci,_from_C2RMF_retouched.jpg

Page Headers They span the whole page, margins included, and, in twoside mode, display alternatively the chapter and the section name.²

Matters The commands `\frontmatter`, `\mainmatter` and `\backmatter` have been redefined in order to have automatically wide margins in the main matter, and narrow margins in the front and back matters. However, the page style can be changed at any moment, even in the middle of the document.

Margin text We provide commands `\sidenote` and `\marginnote` to put text in the margins.³

Margin figs/tabs A couple of useful environments is `marginfigure` and `marginfigure`, which, not surprisingly, allow you to put figures and tables in the margins (*cfr.* Figure 1.1).

Margin toc Finally, since we have wide margins, why don't add a little table of contents in them? See `\margin toc` for that.

Hyperref `hyperref` is loaded and by default we try to add bookmarks in a sensible way; in particular, the bookmarks levels are automatically reset at `\appendix` and `\backmatter`. Moreover, we also provide a small package to ease the hyperreferencing of other parts of the text.

Bibliography We want the reader to be able to know what has been cited without having to go to the end of the document every time, so citations go in the margins as well as at the end, as in Tufte-Latex. Unlike that class, however, you are free to customise the citations as you wish.

The order of the title pages, table of contents and preface can be easily changed, as in any \LaTeX document. In addition, the class is based on KOMA-Script's `scrbook`, therefore it inherits all the goodies of that.

1.3 What This Class Does Not Do

As anticipated, further customisation of the book is left to the user. Indeed, every book may have sidenotes, margin figures and so on, but each book will have its own fonts, toc style, special environments and so on. For this reason, in addition to the class, we provide only sensible defaults, but if these features are not needed, they can be left out. These special packages are located in the `style` directory, which is organised as follows:

- kao.sty** This package contains the most important definitions of macros and specifications of page layout. It is the heart of the *kaobook*.
- kaobiblio.sty** Contains commands to add citations and customise the bibliography.
- packages.sty** Loads additional packages to decorate the writing with special contents (for instance, the `listing` package is loaded here as it is not required in every book). There are also defined some useful commands to print the same words always in the same way, e.g. latin words in italics or packages in verbatim.
- kaorefs.sty** Some useful commands to manage labeling and referencing, again to ensure that the same elements are referenced always in a consistent way.
- environments.sty** Provides special environments, like boxes. Both simple and complex environments are available; by complex we mean

Kaobook template
Source:
<https://www.latextemplates.com/template/kaobook>

Use thesis templates

Classic thesis template
Source:
<https://www.overleaf.com/latex/templates/classic-thesis-style-v4-dot-2-by-andre-miede/dwgtvykzvdtk>

Use thesis templates

2

TEST CHAPTER

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

8 TEST CHAPTER

tique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

Classic thesis template

Source:

<https://www.overleaf.com/latex/templates/classic-thesis-style-v4-dot-2-by-andre-miede/dwgtvykzvdtk>

Use thesis templates

The screenshot displays the TeXstudio interface with the file `TESTI.tex` open. The source code in the left pane is as follows:

```
\documentclass{tufte-book}

\usepackage{lipsum}

\begin{document}

\chapter{This is the first chapter}
\lipsum[1-2]

\end{document}
```

The right pane shows the rendered PDF output. The chapter title is *This is the first chapter*. The first paragraph of text is:

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

The second paragraph of text is:

Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

At the bottom of the TeXstudio window, the status bar shows "Seite 1 von 1", "74%", and "Fertig Automatisch".

Tufte book template
Source:
<https://www.latextemplates.com/template/tufte-style-book>

The Design of Tufte's Books

THE PAGES of a book are usually divided into three major sections: the front matter (also called preliminary matter or prelim), the main matter (the core text of the book), and the back matter (or end matter).

THE FRONT MATTER of a book refers to all of the material that comes before the main text. The following table shows a list of material that appears in the front matter of *The Visual Display of Quantitative Information*, *Envisioning Information*, *Visual Explanations*, and *Beautiful Evidence* along with its page number. Page numbers that appear in parentheses refer to folios that do not have a printed page number (but they are still counted in the page number sequence).

Page content	Books			
	VDQI	EI	VE	BE
Blank half title page	(1)	(1)	(1)	(1)
Frontispiece ²	(2)	(2)	(2)	(2)
Full title page	(3)	(3)	(3)	(3)
Right page	(4)	(4)	(4)	(4)
Contents	(5)	(5)	(5)	(5)
Dedication	(6)	(7)	(7)	7
Epigraph	–	–	(8)	–
Introduction	(7)	(9)	(9)	9

² The contents of this page vary from book to book. In *VDQI* this page is blank; in *EI* and *VE* this page holds a frontispiece; and in *BE* this page contains three epigraphs.

Tufte book template
Source:
<https://www.latextemplates.com/template/tufte-style-book>

The front matter in Tufte's books varies slightly from book to book. First, the pages in front matter are numbered with lowercase roman numerals (e.g., i, ii, iii, iv, v, vi, vii, viii, ix, x, xi, xii, xiii, xiv, xv, xvi, xvii, xviii, xix, xx, xxi, xxii, xxiii, xxiv, xxv, xxvi, xxvii, xxviii, xxix, xxx). Second, the front matter page numbering sequence is usually separate from the main matter page numbering. That is, the page numbers restart at 1 when the main matter begins. In contrast, Tufte has enumerated his pages with arabic numerals that share the same page counting sequence as the main matter.

There are also some variations in design across Tufte's four books. The page opposite the full title page (labeled "frontispiece" in the above table) has different content in each of the books. In *The Visual Display of Quantitative Information*, this page is blank; in *Envisioning Information* and *Visual Explanations*, this page holds a frontispiece; and in *Beautiful Evidence*, this page contains three epigraphs.

The dedication appears on page 6 in *VDQI* (opposite the introduction), and is placed on its own spread in the other books. In *VE*, an epigraph shares the spread with the opening page of the introduction.

None of the page numbers (folios) of the front matter are expressed except in *BE*, where the folios start to appear on the dedication page.

THE FULL TITLE PAGE of each of the books varies slightly in design. In all the books, the author's name appears at the top of the page, the title is set just above the center line, and the publisher is printed along the bottom margin. Some of the differences are outlined in the following table.

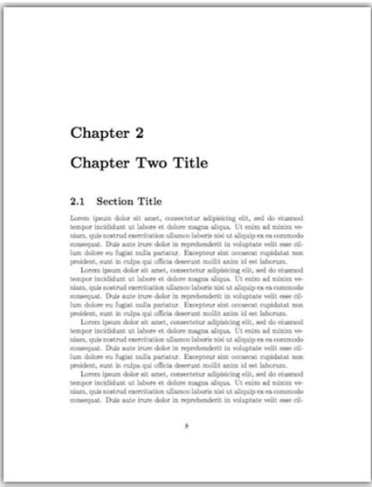
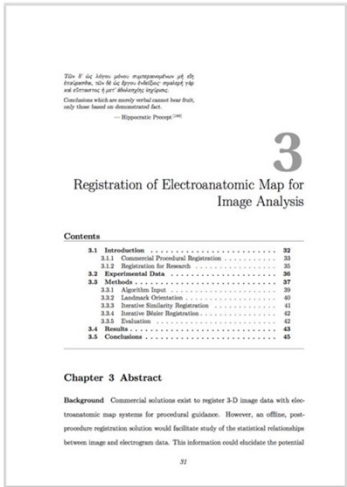
Feature	VDQI	EI	VE	BE
Author				
Typeface	serif	serif	serif	sans serif
Style	italics	italics	italics	upright, caps
Size	24 pt	20 pt	20 pt	20 pt
Title				
Typeface	serif	serif	serif	sans serif
Style	upright	italics	upright	upright, caps
Size	36 pt	48 pt	48 pt	36 pt
Subtitle				
Typeface	–	–	serif	–
Style	–	–	upright	–
Size	–	–	20 pt	–
Edition				
Typeface	sans serif	–	–	–
Style	upright, caps	–	–	–
Size	14 pt	–	–	–
Publisher				
Typeface	serif	serif	serif	sans serif
Style	italics	italics	italics	upright, caps
Size	14 pt	14 pt	14 pt	14 pt

THE TABLES OF CONTENTS in Tufte's books give us our first glimpse of the structure of the main matter. *The Visual Display of Quantitative Information* is split into two parts, each containing some number of chapters. His other three books only contain chapters—they're not broken into parts.

u^b

Different Options to change the look of your thesis

- Use packages in your thesis file
- Create your own thesis class
- Find templates which do the work for you



Thanks



**for your
attendance**

u^b

^b
**UNIVERSITÄT
BERN**

Next Coffee Lectures, slides and screencasts:



[http://
bib.unibe.ch/scimed](http://bib.unibe.ch/scimed)

**Research Support Services
Science and Medical Libraries
University Library Bern**
frnat.ub@unibe.ch
support_med.ub@unibe.ch

Thanks



**for your
attendance**

u^b

^b
**UNIVERSITÄT
BERN**

Now there is time for...

Questions & Discussion

Research Support Services
Science and Medical Libraries
University Library Bern
frnat.ub@unibe.ch
support_med.ub@unibe.ch