## Documentation of the LATEX class

## unifith.cls

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#### Abstract

This document describes how to use unifith.cls, a LATEX document class for the typesetting of the theses of the "University of Florence". The official web page of UniFiTh is http://biccari.altervista.org/c/informatica/latex/unifith.php.

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### 1 Introduction

After several years in my faculty I noticed that usually students spend a lot of time to refine the aesthetic aspect of their LATEX documents instead of focusing on the content. This is against the philosophy of LATEX, which was created to relieve the writer from the typesetter's work. Apart from the time spent, the resulting documents are obviously all different from each other and good aesthetic results are not always achieved. This has a negative impact both on the student's work and on the university. For these reasons I thought that a LATEX class for the theses of my university would have been a good idea. UniFiTh is the result of my work. It has been developed starting from Sapthesis class of the same author. UniFiTh follows the rules of the Communication Plan of the University of Florence: https://www.unifi.it/ls-36-unifi-comunica.html. At that link you can find the guidelines for the preparation of the documents, the files of the logo and some examples.

To give a look to a document composed by UniFiTh class, compile one of the several examples in the examples directory. In those files the page layout and the layout choices are explained. UniFiTh is released under the terms of the latest version (1.3c) of the LATEX Project Public License.

I would like to thank the Italian TeX user group (GuIT) for the help provided. I would like to thank also Giacomo Mazzamuto and Lorenzo Pattelli and all the users who reported bugs and suggestions.

# 2 Requirements and installation

The simplest way to install UniFiTh is by the package manager of your TeX distribution (TeX Live or MiKTeX). For manual installation see the README file.

The UniFiTh package provides: the unifith.cls class file; the documentation unifith-doc.pdf (this file) and its source code; the logo of the University of Florence (see next section); several usage examples.

UniFiTh explicitely loads the packages xkeyval, etoolbox, geometry, ifxetex, fontspec, fontenc, textcomp, Imodern, caption, graphicx, color, booktabs, amsmath, fancyhdr. Do **not** include these packages in the preamble of your document!

## 2.1 The problem of the logo

I cannot upload the logo of the University of Florence on the TeX Live and MiKTeX repositories because they accept only *free softwares*. Therefore, if you have installed

UniFiTh by the package manager of your TEX distribution or from CTAN, after the compilation of your thesis file, you will obtain a frontispiece with a white rectangle instead of the University of Florence logo. In the white rectangle you will find the web address to download the logo in pdf format<sup>1</sup>. Save the logo (keeping the name unifilogo.pdf) in the same folder of your main .tex thesis file. Then compile again and everything should be fine.

Instead, if you have manually downloaded the package from the official web page of UniFiTh, you do not have to do anything.

# 3 Usage

A LATEX document based on UniFiTh can be compiled only by the commands pdflatex and xelatex. In this manual only pdflatex will be considered.

As usual, in order to use this class, you need to call it by

\documentclass[options] {unifith}

You have to specify the class options for your case (see Sec. 3.1). Then you have to provide some fundamental information (title, author, etc. . . ) by specific commands in the preamble (see Sec. 3.2). Finally, remember to follow a source code structure similar to those of the examples given in App. B and C. Especially the usage of the commands \frontmatter, \mainmatter and \backmatter is mandatory, otherwise the page style of the document will be wrong!

This class supports, at the moment, two languages: Italian and English. English is the default. If your thesis contains only English or very few paragraphs in another language, do not use the babel package because completely useless. Instead, if you write in Italian, load the babel package with the italian option: \usepackage[italian]{babel}.

## 3.1 Class options

The following options can be passed to the \documentclass command.

**a4paper/a5paper/b5paper** Choose one of these three options to set the paper format. The default value is a4paper.

 $<sup>^1\</sup>mbox{The link to download the logo is http://biccari.altervista.org/c/informatica/latex/unifilogo.pdf$ 

**layout=***a5paper/b5paper* If, for some reason, it is impossible to print on A5 or B5 directly (printer not supporting those formats, paper not available, ...), it is possible to specify the A5 or B5 layout, maintaining the A4 paper format. In this case some cropmarks will be printed to show where the page should be cut.

draft The usual draft option of the LATEX Standard Classes.

**oneside** The usual oneside option of the LATEX Standard Classes.

**twoside** (default) The usual twoside option of the LATEX Standard Classes.

**binding=length** (zero default binding) The value of this option is an offset of the text column. It is useful to take into account the margin for the binding (ask to your bookbinder for information).

**noexaminfo** Suppress all the final exam informations. Indeed, by default, UniFiTh shows some information about the final thesis discussion on the back of the title page. By default it shows the phrase "Thesis not yet defended". Otherwise, as explained later, giving the commands \examdate{...} and \examiner{...} the date and the examiners list are shown.

**nodefaultfont** Avoid the loading of packages fontenc, textcomp and Imodern.

romandiff See App. D.

fem Use the feminine (only Italian): shows "candidata" instead of "candidato".

### 3.2 Commands for the title page

As usual, the title page is generated by the \maketitle command. It needs some information that you can supply by the following commands in the preamble.

**\title{...}** Mandatory. Title.

**\subtitle{...}** Optional. Subtitle (try to avoid a subtitle). An alias of this coomand is **\alttitle{...}** (alternative title).

**\author{...}** Mandatory. Author (student's name). See the fem class option described in the previous section.

**\IDnumber{...}** Mandatory. ID number (*matricola* in Italian).

- **\course{...}** Mandatory. Use the official Italian name of the course.
- **\cycle{...}** Mandatory only for PhD's. Use the form: \cycle{XXII}
- **\courseorganizer{...}** Mandatory. Course organizer (for example Scuola di Scienze Matematiche Fisiche e Naturali). The usual \can be use to break the lines.
- **\AcademicYear{...}** Academic Year.
- **\advisor{...}** You must specify at least one advisor. If you have more than one advisor, put several advisor commands in the correct order: \advisor{Prof. Pippo} \advisor{Dr. Pluto}
- **\coadvisor{...}** Optional. Co-advisors of the thesis. Same syntax of the \advisor command.
- **\customcoadvisorlabel{...}** Optional. Specify the label for co-advisors. It can be used to print "external advisor" or similar labels.
- **\director{...}** Optional. Director of the PhD program. Head of the Specialization degree. Same syntax of the \advisor command.
- **\customdirectorlabel{...}** Optional. Specify the label for director.

Together with the title page, UniFiTh will also compose an information page just after the title page. See also the \noexaminfo class option described in a previous section. Here follow the necessary commands to compose this page.

- **\examdate{...}** Optional. Date of the final exam. Example: \examdate{16 February 2010}.
- **\examiner[...]{...}** Optional. Specifies the members of the board of examiners of the final exam. Usage similar to \advisor command. The optional argument can be used to specify the role of that examiner in the commission.
- **\thesistype{...}** Optional. Type of thesis (usually PhD thesis, Master thesis, and so on).
- **\ISBN{...}** Optional. ISBN
- **\copyyear{...}** Mandatory. Copyright year (usually the graduation year).

- **\copyrightstatement{...}** Optional. Specify a copyright statement that will be printed in place of the default one.
- **\versiondate{...}** Optional. Date version of the thesis.
- **\website{...}** Optional. Thesis website. Automatically hyper-linked if hyperref package is loaded.
- **\authoremail{...}** Mandatory. Email of the thesis author. It is automatically hyper-linked if hyperref package is loaded.
- **\reviewer{...}** Optional. Reviewers of the thesis (typically this applies to PhD theses only). Same syntax of the \advisor command. The list of the reviewer is preceded by the a text which can be specified by the \reviewerlabel{...} command.

#### 3.3 Other commands and environments

**\dedication{...}** A command to compose the dedication.

- **abstract** An environment to compose the abstract of your document. This environment has an optional parameter to choose the title of the abstract section. If you use a language for the abstract different from that of the thesis, consider the \selectlanguage{...} command provided by the babel package.
- **acknowledgments** An environment to compose the acknowledgments of your document. This environment has an optional parameter to choose the title of the acknowledgments section. If you use a language for the acknowledgments different from that of the thesis, consider the \selectlanguage{...} command provided by the babel package.

The UniFiTh class defines also the color unifiblue which is the *UniFi blue*: RGB(0,82,147). Example of usage: \textcolor{unifiblue}{blah blah}

## 4 Recommendations

- Do **not** change the default layout.
- Do **not** load the packages already loaded by UniFiTh (see Sec. 2).

- As you already should know, LATEX can process only documents in pure ASCII. If you want to insert *directly* other characters, not included in the 128 ASCII characters (for example accented letters), you have to use a particular text encoding for your source file. Then you have to "tell" to LATEX which encoding you have chosen by the packages inputenc. It is always recommended to use UTF-8 character encoding and specify this choice also by the *magic lines* at the beginning of the source code (see the examples in App. B and C).
- Respect the following thesis structure:
  - Title page (\maketitle command)
  - Dedication (\dedication command)
  - Abstract (abstract environment)
  - Acknowledgements (acknowledgments environment)
  - Table of contents (\tableofcontens command)
  - Chapters
  - Appendices
  - Bibliography
- It is recommended to avoid or limit the acknowledgments in a thesis, it is not very professional. The dedication should be enough.
- Do not put any preface in your thesis. The preface should be written only by an eminent expert in the field to comment exceptionally important results of the student.
- Usually tables and figures are centered. Remember that, according to the typographic rules, the table captions should be placed **above** the table, whereas the figure caption should be placed **below** the figure.
- If the figure has a small width, it is possible to put the figure caption aside the figure using the sidecap package (not preloaded by UniFiTh).
- Avoid the use of colors unless really necessary. Remember that the figures should be readable even if they are printed in gray scale!
- Subscripts and superscripts should be in italic if they represent variable quantities, whereas should be in roman if they are simply labels.

- The name of operators should be typed in roman. Example: use sin (\$\sin\$) instead of *sin* (\$sin\$).
- The margin notes are rarely used in scientific documents and should **not** be used in a scientific thesis.
- Do not divide the bibliography per chapter unless it is **really** necessary. This will save you from wasting a lot of time to prepare your LaTeX source code. Order your bibliography alphabetically according to the first author surname: this order is very useful, contrary to the other typical order, the citation order.

# A A very brief introduction to the TeX world

Many people want to (or are compelled to) write in LaTeX without studying a basic manual. Here follows a very brief introduction to the TeX world.

TeX, the document preparation system designed by Donald Knuth in 1978, is a program to typeset documents. It is a mark-up language: you write a simple text decorated with TeX commands (source code) which is then compiled to obtain the final product, a document in pdf format. LaTeX is just a set of macros, written in TeX, to simplify the writing of the source code: it can be thought as a simpler programming language with respect to TeX. A source code written in LaTeX can be compiled by several "compilers": pdflatex (the most common), or xelatex, or others.

The following list of LATEX manuals, may be especially useful for Italian authors.

- L. Pantieri & T. Gordini, L'arte di scrivere con LATEX, (2017)
- S. Pakin, The comprehensive LATEX symbol list, (2021)
- E. Gregorio, LATEX: breve guida ai pacchetti di uso più comune, (2010)

In order to use LaTeX, you have to install a TeX distribution. It contains the compilers, several fonts and other files needed by the compilers and also many *packages*, which can be thought as libraries or extensions of LaTeX. The most famous distributions are MiKTeX (available only for Windows), TeX Live (available both for Windows and Linux) and MacTeX (available only for Mac OS).

Finally we discuss the editor, that is the program used to write your source file. Since a source file written in LATEX, like in any other programming language, is a simple text file, you can write your code with any text editor you want (for example Notepad in Windows). However the suggested editors are:

- TeXworks. Already installed with any TeX distribution. Very simple and powerful. Use TeXworks if you are not an expert. Enrico Gregorio has written a very good and brief TeXworks manual in Italian, which can be found at: http://profs.sci.univr.it/~gregorio/introtexworks.pdf.
- TeXstudio (cross-platform), TeXmaker (cross-platform), TeXshop (only for Mac), Kile (only for Linux). Powerful editors.
- Avoid other editors unless you know what you are doing!

Finally we explain how to compile the example documents provided in the UniFiTh package. Double click on one of the .tex file in the examples folder. TeXworks should start showing the content of that file. The pdflatex compiler should be automatically selected thanks to the *magic lines* placed at the beginning of the file. Now, in order to compile, press the green button. At the end of the compilation the resulting pdf appears in a separate window. Remember to compile at least three times, because LATEX needs more than one compilation to correctly resolve the internal cross references (for example for the table of contents composition, or when you refer to a figure by the \label-\ref/\pageref mechanism).

## **B** PhD thesis example

```
% !TeX encoding = UTF-8
% !TeX program = pdflatex
% !TeX spellcheck = en_US
\documentclass[binding=0.6cm]{unifith}
\usepackage{microtype}
\usepackage[english]{babel}
\usepackage[utf8]{inputenc}
\usepackage{hyperref}
\hypersetup{pdftitle={My thesis},pdfauthor={Francesco Biccari}}
\title{My thesis}
\alttitle{Optional anternative title (for example different language)}
\author{Francesco Biccari}
\IDnumber{166350}
\course{Corso di Dottorato in Fisica e Astronomia}
\courseorganizer{Dipartimento di Fisica e Astronomia}
\cycle{Ciclo XXXII}
\advisor{Prof. Caio}
\advisor{Dr. Sempronio}
\AcademicYear{2018/2019}
\thesistype{PhD thesis}
\copyyear{2020}
\authoremail{pippo@pippo.com}
\begin{document}
\frontmatter
\maketitle
\dedication{Dedicated to\\ Donald Knuth}
\begin{abstract}
This thesis deals with myself.
\end{abstract}
\tableofcontents
\mainmatter
\chapter{Introduction}
\backmatter
\cleardoublepage
\phantomsection % Give this command only if hyperref is loaded
\addcontentsline{toc}{chapter}{\bibname}
% Here put the code for the bibliography. You can use BibTeX or
% the BibLaTeX package or the simple environment thebibliography.
\end{document}
```

# C Laurea (Magistrale) thesis example

```
% !TeX encoding = UTF-8
% !TeX program = pdflatex
% !TeX spellcheck = it_IT
\documentclass[binding=0.6cm]{unifith}
\usepackage{microtype}
\usepackage[italian]{babel}
\usepackage[utf8]{inputenc}
\usepackage{hyperref}
\hypersetup{pdftitle={La mia tesi},pdfauthor={Francesco Biccari}}
\title{La mia tesi}
\alttitle{Titolo alternativo opzionale (tipicamente in inglese)}
\author{Francesco Biccari}
\IDnumber{166350}
\course{Corso di Laurea Magistrale in Fisica e Astronomia}
\courseorganizer{Scuola di Scienze Matematiche, Fisiche e Naturali}
\advisor{Prof. Caio}
\advisor{Dr. Sempronio}
\AcademicYear{2018/2019}
\thesistype{Master thesis}
\copyyear{2020}
\authoremail{pippo@pippo.com}
\begin{document}
\frontmatter
\maketitle
\dedication{Dedicato a\\ Donald Knuth}
\begin{abstract}
Questa tesi parla di me.
\end{abstract}
\tableofcontents
\mainmatter
\chapter{Introduzione}
\backmatter
\cleardoublepage
\phantomsection % Give this command only if hyperref is loaded
\addcontentsline{toc}{chapter}{\bibname}
% Here put the code for the bibliography. You can use BibTeX or
% the BibLaTeX package or the simple environment thebibliography.
\end{document}
```

### D Other useful commands

**\eu** Napier's number, e, in roman.

**\iu** Imaginary unit, i, in roman.

\der{...}{...} Derivative. The first argument represents the function to derive while the second the variables separated by commas. The differential symbol is automatically inserted. Examples:  $\der{f}{x}, \der{f}{x,y}, \der{f}{*{2}{x}, *{2}{y}, z}.$ 

**\pder{...}{...}** Partial derivative. Same syntax of the \der command.

\rb{...} Roman suBscript

\rp{...} Roman suPerscript

**\tb{...}** Text suBscript

**\tp{...}** Text suPerscript

\un\{\ldots\} Useful command to typeset measurement units in the correct way, e.g. 25\un\{m/s\}, 13\un\{kg\, cm^\{-3\}\}. It can be used both inside or outside the math environment. For heavy usage of measurement units and to insert numbers in the form 1.4e-5, the package significant is recommended.

**\mnote{...**} Fancy margin notes

**\g** Shortcut for the \degree command. Example: 45\g produces 45°.

**\C** Shortcut for the \celsius command. Example: 37\,\C produces 37 °C.<sup>2</sup>

**\A** Angstrom. Example: 10\,\A produces 10 Å.<sup>3</sup>

**\micro** Micro prefix. Example: 7\,\micro m produces 7 \mum.

**\ohm** Ohm. Example: 100\,\ohm produces  $100 \Omega$ .

**\di** Differential symbol with automatic spacing. Example:  $\int x \, dx$  produces  $\int x \, dx$ . If you prefer the differential symbol in roman (d) you can give the option romandiff in the document class options.

**\x** Shortcut for the \times command. E.g.: \$7 \x  $10^5$ \$ produces  $7 \times 10^5$ .

<sup>&</sup>lt;sup>2</sup>Not available in math mode compiling with xelatex.

<sup>&</sup>lt;sup>3</sup>Remember that the angstrom unit of measurement should not be used.

## **E** Frequently Asked Questions

#### **E.1** How can I increase the font size?

The default font used in UniFiTh is Latin Modern. The default font size is 11 pt using A4 and 10 pt using A5 and B5. At the moment it is impossible to change the font size unless you modify the UniFiTh class file (unifith.cls). The reason for this choice is to maintain a common format for all the theses.

### **E.2** How can I increase the line-spacing?

The line-spacing in typography is defined as the distance between two lines. A strange "tradition" in Italy is to write the thesis with a double line-spacing. This is an incredibly large number. The lines are so separated that the effect is very ugly. Two reasons are behind this choice. The first one is that a lot of space is available for your professor to comment your text. The second one is that, in this way, the thesis is thicker.

This effect is amplified when you use Microsoft Word because Word defines the line-spacing in a different way with respect to the typical definition. And usually people do not know that. Therefore, when you set the value of 2 for the line-spacing in Word, actually you obtain a line-spacing of 2.34 according to the normal definition of the term! (Word adds an extra 17% of space, I do not know why).

Of course this large value of the line-spacing is a nonsense. It is known in typography that the best value ranges between 1.20 and 1.45. In LATEX the default line-spacing is 1.20, which means that, if you use a font size of 10 pt, the line-spacing is 12 pt. In UniFiTh the line-spacing is set to 1.20. Nowadays, professors typically correct a thesis by using the comment tools of the their pdf viewer. There are still some who want to print it and want a double line-spacing. In that case, give them a copy with a double line-spacing but ask them to have the permission to print it in a more normal line-spacing, in order to save paper.

If you want to change the line-spacing, do not use the \linespread command. Load instead the setspace package and use, for example, the \onehalfspacing command.

## **E.3** Single sided or double sided printing?

A strange "tradition" in Italy is to print the theses only on one side of the paper sheets. In the past this was justified because a thesis was manually typed by a typewriter machine. Today, where the theses are all composed by a computer, this "tradition" is kept mainly because in this way the professors and the students are happy to see a thicker book.

Of course this is a nonsense. Not only because the bulky effect is only aesthetic (if you open the thesis you can see that only one side is printed), but especially because it is a waste of paper. Moreover, reading a book where only the right page is printed is quite ugly and strange, isn't it? (Have you ever seen a book, containing mainly text, printed single sided?)

The only real reason to print single sided is when a good paper is not available. Indeed, a low quality paper, like the one typically used for photocopies, has a grammage of 80 g/m². It is a little bit semitransparent and this can be a problem when you print double sided, especially if you have many color images. The best approach is using a proper paper grammage of 90 g/m² or 100 g/m². Ask to the printing service which type of paper is more suitable to print your thesis double sided.

## **E.4** Inverted margins? How much space for binding?

Another typical question regards the margins of the thesis. Quite often the students (and incredibly also the printing services) complain about the margins of the thesis. They think that the margins are reversed because in LATEX standard classes, by default, the inner margin is smaller than the outer margin. The same behaviour, but with slightly different proportions, is adopted in UniFiTh (see Figure 1). Of course, they are wrong. This is the correct behavior! Indeed, as you can see in any book, the sum of the two inner margins should be more or less equal to the width of a single outer margin. This is for an aesthetic reason. Otherwise the two columns of text would be too much separated when the book is open.

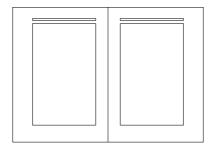


Figure 1: A4 page layout scheme of UniFiTh class using a zero binding margin.

At this point the students usually reply "what about the binding margin? The inner margin should be larger because some space is used by the binding process!" This is partially true. The effect described above in Figure 1 is what should happen *after* the binding process. For this reason there is the documentclass binding option in UniFiTh (see Section 3.1). Typical values are 6 or 7 mm but it is always preferable to ask the printing service which is the correct value according to the binding method (be careful because many printing services are not professional and suggest arbitrarly binding margin values).

#### **E.5** Numbered introduction and conclusions?

There is a strange "tradition" in Italy to not attribute a number to the Introduction and Conclusions of a thesis. Probably, only because they are usually short chapters. So it seems that they do not deserve a proper number like any other chapter.

In my (and not only mine) opinion this is a nonsense. The Introduction and Conclusions chapters are part of the thesis, and they should be read to properly understand the thesis. They cannot be skipped. So why don't attribute a number to those chapters?

Therefore I suggest to use the following structure of the thesis (which is the same reported in the examples in Appendix B and C).

```
\frontmatter
\maketitle
...

% The chapters after the mainmatter command are numbered
\mainmatter
\chapter{Introduction}
\chapter{...}
\chapter{...}
\chapter{...}
\chapter{...}
\chapter{...}
\chapter{Conclusions}
\backmatter
...
```

However, if you really want to follow the nonsense of not giving a number to the Introduction and Conclusions chapter, you can do it in the following way. But keep in mind that *if you do not number the Introduction and Conclusions, you cannot insert any numbered equation, table, or picture in these chapters*. Indeed, all these objects are numbered with the chapter number: Fig. 1.2, Tab. 3.2, Eq. (4.1), etc. If

the chapter does not have a number, how can we assign a number to Figures, Tables, or Equations?

```
/frontmatter
/maketitle

% The chapters after the mainmatter command are numbered
/mainmatter
/chapter*{Introduction} % The chapter* does not attribute a number
/markboth{Introduction}{} % This command is necessary for the headings
/chapter{...}
/chapter{...}
/chapter{...}
/chapter*{Conclusions} % The chapter* does not attribute a number
/markboth{Conclusions}{} % This command is necessary for the headings
/backmatter
...
/backmatter
/markboth
```

Finally, it is worth noting that the first and last chapter of a thesis must not to be always called Introduction and Conclusions!

### E.6 How to reduce the size of the pdf?

Usually, students do not optimize the images of their thesis. This is a very bad practice and one of the typical consequences is the excessive large size of the final pdf. The topic is too long to be covered here, however I want to provide a simple way to reduce *a posteriori* the file size of the pdf.

Using Ghostscript we can "distill" a pdf file, which means interpreting it and re-enconding it again. This is just a small list of possible commands (commands are intended for Windows 64 bit but they can easily applied to other operating systems changing the name of the Ghostscript executable):

```
BEST QUALITY (Flate image encoding)

gswin64c.exe -q -dNOPAUSE -dBATCH -dSAFER -sDEVICE=pdfwrite -sOutputFile=output.pdf
-dAutoFilterColorImages=false -dAutoFilterGrayImages=false
-dColorImageFilter=/FlateEncode -dGrayImageFilter=/FlateEncode
-dPDFSETTINGS=/prepress -dCompatibilityLevel=1.5 input.pdf
```

```
BEST QUALITY (DECT image encoding)

gswin64c.exe -q -dNOPAUSE -dBATCH -dSAFER -sDEVICE=pdfwrite -sOutputFile=output.pdf
-dPDFSETTINGS=/prepress -dCompatibilityLevel=1.5 input.pdf
```

```
LOWER QUALITY (DECT image encoding)
Substitute XXXXXXX with one of the following settings (order of descending quality):
/printer /ebook /screen

gswin64c.exe -q -dNOPAUSE -dBATCH -dSAFER -sDEVICE=pdfwrite -sOutputFile=output.pdf
-dPDFSETTINGS=XXXXXXX -dCompatibilityLevel=1.5 input.pdf
```

## E.7 How to create an archivable pdf?

PDF/A is a particular PDF format, standardized by ISO, specialized for use in the archiving and long-term preservation of electronic documents. Public and private institutions, including universities, increasingly require this form to archive electronic documents. There are several levels of PDF/A. The suggested format for a thesis is the PDF/A-2b.

The best and free way to check if a pdf file is compliant to one of the PDF/A levels is to use veraPDF, an open source software supported by the most important PDF associations in the world and funded by the European Commission. This software is freely available for Windows, Linux, and Mac.

A PDF/A file can be generated directly in LaTeX, properly following some rules (see TOPTesi LaTeX class documentation by Claudio Beccari) however we do not have enough space to cover this topic here.

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