Errata list for The LaTeX Companion, Third Edition, Parts I & II

(2. printing)

Includes all entries found between 2023/04/01 and 2026/03/03
(For other periods/print runs reprocess this document with different config settings)

```
@book(A-W:MF:2023,
   author = {Frank Mittelbach and Ulrike Fischer},
   title = {The {\LaTeX} Companion},
   edition = 3,
   note =  {With contributions by Javier Bezos, Johannes Braams, and Joseph Wright},
   series =    {Tools and Techniques for Computer Typesetting},
   publisher = {Addison-Wesley},
   address   = {Boston, Massachusetts},
   year = 2023,
   pagenums = {976 (Part I) and 1008 (Part II)},
   bibliography = {yes},
   index = {yes},
   isbn = {978-0-13-555684-9})
```

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This file (`tlc3.err`) can be found as part of the LaTeX distribution and its latest version is maintained on the LaTeX project site at `https://www.latex-project.org/help/books/tlc3.err` where you will also find extracts of the book.

The first column in the table shows the page number of the errata entry. Superscript numbers in the first column refer to the printed revision in which this entry was corrected (*s* indicates a correction in the sources only). The second column gives the precise location (negative line or paragraph numbers are counted from the bottom of the page). The third column shows the first finder of the problem.

You can customize this list to only show errata related to the printing or digital edition you own by changing the configuration in the file `tlc3.cfg`.

To Err is Human — Bug Contest

Any mistake found and reported is a gain for all readers of our book. For this reason Addison-Wesley and the authors offer a prize (for 5 limited time periods) to the eligible person who finds the

largest number of bugs during that period (more precisely, it is a lottery among the people with the 5 top-most findings up to that point). A person can receive at most one prize, ever; errors found by any of the authors or people otherwise directly associated with the book do not count.

Each prize is a free choice of any single computing book found on the Addison-Wesley/Pearson web site: `https://www.informit.com` (that is, no boxed sets or multiple volume offers).

As usual, the authors and publisher reserve the right to make various decisions such as whether a reported feature is an error for competitive purposes or whether similar features count as a single or multiple errors. — Good luck!

Contest period ends	Winner	
2024/03	Bernd Burghardt	52 suggestions
2025/11	Matthew Bertucci	3 suggestions

Due to its size the third edition of *The LaTeX Companion* is printed as a two-volume set. The digital version, however, is provided as a single PDF or ePub. This means that a small fraction of the digital content differs from that of the printed version: there is only a single front matter, a single bibliography, and a single index, whereas in the printed books these are separated out. However, all versions share the main matter (down to the page numbering) so most of the errata apply to all versions, but a few only to the digital and some only to the printed version. Thus, we end up with three separate lists.

Errata for the print version (not applicable to the digital version)

The printed books differ from the digital version in that the bibliography is split across both volumes (with a few repeats) and the front matter of each volume has its own table of contents and list of figures and tables. Therefore these parts have different page numbers and you will see similar errata entries for both print and digital differing only in that respect.

General

(FMi) Text or graphics typeset in the spot color (blue) are not always perfectly aligned. This is a side-effect of the printing technology. On most pages everything is fine, but occasionally blue text in a paragraph seems to be slightly above or below the baseline or blue text in tables appears slightly misaligned horizontally. It differs from book to book (and therefore not recorded in this errata) and can't be controlled by the authors, unfortunately.

Front matter (Part I)

Bibliography (Part I)

Front matter (Part II)

Bibliography (Part II)

Errata for the digital version (not applicable to the print version)

Most known errors to the digital version have already been incorporated in the product as distributed, here are the remaining ones.

Front matter

Bibliography

Errata common to the print and digital versions

The main matter is identical (also in page numbers) in the print and the digital versions. Therefore most errata entries appear in this section.

General

	(FMi)	Some corrections result in index changes. These are not tracked here; the index is always fully regenerated for new printings.
	(MJo/FMi)	There are a dozen occurrences of the word rôle throughout the book, which is more commonly spelled role. However, this is not wrong but is the somewhat dated form used mostly in British English. Personally, I prefer the version with accent (as does Don Knuth) so it is deliberate and will not change.

Preface

Chapter 1 — Introduction

I-19[s]		(FMi)	Added a new section "1.3.4 Errata for this book" to explain how to obtain and use this errata file

Chapter 2 — The Structure of a LaTeX Document

I-56[s]	para -3, l.4	(FMi)	Drop: "or `tocstyle` by Markus Kohm" because that package is no longer distributed.
I-79[s]	para -2, l.1	(KSh)	Change: If `\varioref` is loaded → If `varioref` is loaded
I-98[s]	para -1, l.3	(KSh)	Change: from Section 7 on page 53 → from Section 2.2.8 on page 53
I-118[s]	para 2, l.-2	(KSh)	Replace: that the new version is dated → that this version is dated

Chapter 3 — Basic Formatting Tools – Paragraph ...

I-154[s]	para 3.1	(KSh)	Replace with: We finish the section with two packages that help with special formatting needs: `xfrac` produces fractions such as 1/2, 2/3, or 3/4 for use in running text and `siunitx` typesets quantities according to the rules of the International System of Units (SI).
I-156[s]	exa 3-3-17	(FMi)	This examples was formatted with a broken xfrac version and therefore shows results that differ from what is described in the surrounding text.
I-157[s]	l.1	(KSh)	Delete spurious word: if this it is not desired
I-235[s]	para 3, l.1	(KSh)	After Ex 3-5-45: the second node → the second note

Chapter 4 — Basic Formatting Tools – Larger . . .

Chapter 5 — The Layout of the Page

I-393[s]	para -1, l.3	(KSh)	Add word: However, sometimes you may want to know
I-420[s]	para 2, l.-1	(KSh)	Delete spurious word: because it this is the only space

Chapter 6 — Tabular Material

I-447[s]	exa 6-3-1	(KSh/FMi)	Replace
			`p{\dimeval{#1/(#2)-\tabcolsep*2-\arrayrulewidth*(#2+1)/(#2)}}|}}`
			→
			`p{\dimeval{(#1-\tabcolsep*2*#2-\arrayrulewidth*(#2+1))/#2}}|}`
			to match explanation in the text (both forms are equivalent though)

I-484[s]	para -1, l.-2	(KSh/FMi)	Key name has changed, replace: `\sisetup{reset-font-series=false}` → `\sisetup{reset-text-series=false}`

Chapter 7 — Mastering Floats

I-517[s]	para 4, l.4	(KSh)	then to avoid → than to avoid
I-530[s]	para -1, l.2	(KSh)	Change: can by customized → can be customized
I-537[s]	para 2, l.4	(KSh)	Change: default values or all → default values of all
I-630[s]	para -1, l.1	(KSh)	Change: The figure is → The table is

Chapter 8 — Graphics Generation and Manipulation

Chapter 9 — Font Selection and Encodings

I-716[s]	table 9.10	(KSh)	Change: can by turned → can be turned
I-717[s]	table 9.11	(KSh)	Change: can by turned → can be turned
I-719[s]	table 9.12	(KSh)	Change: can by turned → can be turned
I-720[s]	table 9.13	(KSh)	Change: can by turned → can be turned
I-725[s]	table 9.15	(KSh)	Change: can by turned → can be turned
I-725[s]	para 1, l.-2	(KSh)	Change: clarify the meaning → clarify the pronunciation

I-725[s] para 1, l.3–5 (KSh/FMi) Replace sentence (table was reorganized):
It accepts nine different values, five of which
(in the second column of Table 9.15) are predominately relevant for
Asian or Arabic scripts, e.g., adjustments if Kana characters are
written horizontally or vertically.
→
It accepts ten different values, five of which are predominately relevant
for Asian or Arabic scripts, e.g., adjustments if Kana characters are
written horizontally or vertically (`HorizonalKana` and `VerticalKana`).

I-739[s] exa 9-7-3 (FMi) Because of license issues the NFSS font family names for the IBM Plex fonts were renamed. Thus, instead of `IBMPlexSans-TLF` it is now `plxSans-TLF`.

I-797[s] exa 9-6-3 (BYu/FMi) This example may fail with XeTeX because of a deficiency in older versions of fontspec. With versions prior 2.9e one has to use the `Extension` key and omit the extension on the other lines:

```
\setmainfont{Alegreya}[
  Extension      = .otf,
  UprightFont    = *-Medium,
  ItalicFont     = *-MediumItalic,
  BoldFont       = *-ExtraBold,
  BoldItalicFont = *-ExtraBoldItalic
]
```

Chapter 10 — Text and Symbol Fonts

II-31[s] page throughout (FMi) Because of license issues the NFSS font family names for the IBM Plex fonts were renamed. Thus, instead of `IBMPlexSerif-TLF` it is now `plxSerif-TLF`, etc. The OpenType names are unchanged.

II-35[s] section 10.2.17 (FMi) In 2021 Adobe renamed the Source Serif Pro to Source Serif 4 and the Source Sans Pro to Source Sans 3. However, the Source Code Pro family retained its name. This change appeared in TeX distribution finally in 2026. As a result various names in this section had to change, e.g., `SourceSerifPro-LF` → `SourceSerifFour-LF`, etc. In particular, the support packages are now named `sourceserif` and `sourcesans`.

II-45[s] several places (FMi) The name for Gentium Plus changed to Gentium.

II-50[s] font sample Cambria (FMi) Because of problems with the font names, the Cambria family currently requires a `Cambria.fontspec` file (possibly only temporary) when used with LuaTeX with the following content:

```
\defaultfontfeatures[Cambria]{%
     UprightFont =cambria.ttc,
     BoldFont = cambriab.ttf,
     ItalicFont = cambriai.ttf,
     BoldItalicFont = cambriaz.ttf}
```

Without it, the bold fonts are not correctly set up, which is why **almost anything** was not in bold and **Fields** was not typeset in bold small caps in the sample even though Cambria supports these typefaces.

II-55[s] section 10.5.17 (FMi) Because of license issues the NFSS font family names for the IBM Plex fonts were renamed. Thus, instead of `IBMPlexSerif-TLF` it is now `plxSerif-TLF`, etc. The OpenType names are unchanged.

II-85[s]	section 10.8.31	(FMi)	Because of license issues the NFSS font family names for the IBM Plex fonts were renamed. Thus, instead of `IBMPlexSans-TLF` it is now `plxSans-TLF`, etc. The OpenType names are unchanged.
II-86[s]	table 10.74	(FMi)	In the 2025 distribution some of the Raleway font support was changed so that it now supports -OsF and -LF and the NFSS series values were normalized to ul, el, l, m, sb, b, eb, and ub.
II-96[s]	section 10.9.17	(FMi)	Because of license issues the NFSS font family names for the IBM Plex fonts were renamed. Thus, instead of `IBMPlexMono-TLF` it is now `plxMono-TLF`, etc. The OpenType names are unchanged.
II-107[s]	exa 10-11-2	(FMi)	The name for Gentium Plus changed to Gentium.
II-111[s]	exa 10-12-2	(FMi)	The name for Gentium Plus changed to Gentium.

Chapter 11 — Higher Mathematics

Chapter 12 — Fonts in Formulas

II-286[s] fig. 12-36 (FMi)

Heading was not bold because of an error in the distributed `.fontspec` file for this family. This needs to be corrected in the NewComputerModern distribution and maybe also in the fontspec package itself. A `NewCM10-Regular.fontspec` file that works could look like this:

```
\defaultfontfeatures[NewCM10-Regular]{
  Extension   = .otf ,
% Can't use NewCM10-Regular here (or we get a fontspec error).
% Doesn't matter in this case, but looks like a fontspec issue.
 UprightFont = NewCM08-Regular ,
  UprightFeatures = {
    SizeFeatures = {
      {Size = -8 , Font = NewCM08-Regular} ,
      {Size = 8- , Font = NewCM10-Regular} ,
    },
  },
% Same here:
  SlantedFont = NewCM08-Regular ,
  SlantedFeatures = {
    SizeFeatures = {
      {Size = -8 , Font = NewCM08-Regular} ,
      {Size = 8- , Font = NewCM10-Regular} ,
    },
    FakeSlant=0.25,
  },
  ItalicFont = NewCM10-Italic ,
  ItalicFeatures = {
    SizeFeatures = {
      {Size = -8 , Font = NewCM08-Italic} ,
      {Size = 8- , Font = NewCM10-Italic} ,
    },
  },
  BoldFont = NewCM10-Bold ,
  BoldItalicFont = NewCM10-BoldItalic ,
  BoldSlantedFont = NewCM10-Bold ,
  BoldSlantedFeatures = { FakeSlant=0.25 },
  SmallCapsFeatures = { Numbers=OldStyle },
}
```

II-286[s] fig. 12-37 (FMi) Heading was not bold because of an error in the distributed `.fontspec` file for this family. This needs to be corrected in the NewComputerModern distribution and maybe also in the fontspec package itself. A `NewCM10-Book.fontspec` file that works could look like this:

```
\defaultfontfeatures[NewCM10-Book]{
  Extension   = .otf ,
  UprightFont = NewCM08-Book ,
  UprightFeatures = {
    SizeFeatures = {
      {Size = -8 , Font = NewCM08-Book} ,
      {Size = 8- , Font = NewCM10-Book} ,
    },
  },
  SlantedFont = NewCM08-Book ,
  SlantedFeatures = {
    SizeFeatures = {
      {Size = -8 , Font = NewCM08-Book} ,
      {Size = 8- , Font = NewCM10-Book} ,
    },
    FakeSlant=0.25,
  },
  ItalicFont = NewCM10-BookItalic ,
  ItalicFeatures = {
    SizeFeatures = {
      {Size = -8 , Font = NewCM08-BookItalic} ,
      {Size = 8- , Font = NewCM10-BookItalic} ,
    },
  },
  BoldFont = NewCM10-Bold ,
  BoldItalicFont = NewCM10-BoldItalic ,
  BoldSlantedFont = NewCM10-Bold ,
  BoldSlantedFeatures = { FakeSlant=0.25 },
  SmallCapsFeatures = { Numbers=OldStyle },
}
```

Chapter 13 — Localizing Documents

Chapter 14 — Index Generation

Chapter 15 — Bibliography Generation

Chapter 16 — Managing Citations

Chapter 17 — LaTeX Package Documentation Tools

Appendix A — LaTeX Overview for Preamble, ...

Appendix B — Tracing and Resolving Problems

Appendix C — Going Beyond

Biographies

Production Notes

Notes on this errata document

Thanks to all who have found errors or omissions. Listed are the people who found an errata entry first.

ACa	Alfredo Canziani (2)	EOl	Edgar Olthof (9)	YEi	Yaakov Eisenberg (3)
BeB	Bernd Burghardt (52)	FMi	Frank Mittelbach (96)	YFu	FUJIMURA Yukitoshi (1)
BYu	Boshi Yuan (1)	HVo	Herbert Voß (1)	YvH	Yvon Henel (2)
CAR	Chris Rowley (2)	KSh	SHIKANO Keiichiro (21)	bb	Barbara Beeton (10)
DPC	David Carlisle (5)	MBe	Matthew Bertucci (3)	kb	Karl Berry (13)
DC	Davide Campagnari (1)	MJo	Maciej Jończyk (2)		
DFl	Daniel Flipo (1)	MRu	Mark Rudolph (4)		

Other people have sent us corrections for errors already found. Thanks to all of you!
If you find further errors please report them to one of the authors, e.g.,

`frank.mittelbach@latex-project.org`

preferably in a form usable directly in this file, i.e.,

`\erroronpage{`*page-number*`}{`*line-identification*`}{`*your-initials*`}{`*date*`}{}`
description of the erratum

Here is an example:

```
\erroronpage{5}{para 3, l.1}{FMi}{2023/06/21}{}
   \u{LaTeX}  \>  \u{\LaTeX}
```

`\u{...}` underlines a text fragment, `\>` produces →, and `\bl` is a short form for `\color{blue}`.