

# Errata list for The L<sup>A</sup>T<sub>E</sub>X Graphics Companion, Second Edition

## (1. printing)

Includes all entries found up to 2008-06-13  
(For other periods/print runs reprocess this document with different config settings)

```
@book(A-W:GMRRV07,  
  author = {Michel Goossens and Frank Mittelbach and Sebastian Rahtz  
            and Denis Roegel and Herbert Vo{\ss}},  
  title = {The {\LaTeX} Graphics Companion},  
  edition = 2,  
  series = {Tools and Techniques for Computer Typesetting},  
  publisher = {Addison-Wesley},  
  address = {Boston, Massachusetts},  
  year = 2007,  
  pagenums = {976},  
  bibliography = {yes},  
  index = {yes},  
  isbn = {978-0-321-50892-8},  
)
```

This file (`lgc2.err`) can be found as part of the L<sup>A</sup>T<sub>E</sub>X distribution and its latest version is maintained on the L<sup>A</sup>T<sub>E</sub>X project site at <http://www.latex-project.org/guides/lgc2.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 you own by changing the configuration in the file `lgc2.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 6 periods) to the eligible person who finds the largest number of bugs during that period (in case of a draw a random choice will be made between all those with the largest number of findings). A person can receive at most one prize, ever; errors found by any of the authors do not count.

Each prize is a free choice of any single computing book found on the AW Professional web site <http://www.awprofessional.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
2008/05	Milan Vujtek 16 suggestions
2010/05	
...	

<b>General</b>
----------------

- |           |                |       |   |
|-----------|----------------|-------|---|
| <b>!!</b> | <b>general</b> | (FMi) | To help you in assessing this errata document we have placed exclamation marks in front of each entry that we consider essential for correctly understanding the book contents.   |
|           | <b>general</b> | (FMi) | Due to the printing process there may be small alignment problems between blue and black text on some pages. These can vary from book to book depending on how the paper was handled between print runs—such is the analog nature of printing on a press. |

<b>Front matter</b>
---------------------

- |                          |              |          |  |
|--------------------------|--------------|----------|--|
| <i>xxix</i> <sup>2</sup> | para 4, 1.1  | (FMi/hv) | Add “In case of <code>PSTricks</code> <u>and, for example, the <code>beamer</code> class</u> the syntax ...” |
| <i>xxix</i> <sup>2</sup> | para 5, code | (FMi)    | There should be a bit more space in front of the code block  |

<b>Chapter 1</b>
------------------

- |                       |             |       |                     |
|-----------------------|-------------|-------|---------------------|
| <i>2</i> <sup>2</sup> | para 3, 1.1 | (MiV) | “First.” → “First,” |
|-----------------------|-------------|-------|---------------------|

<b>Chapter 2</b>
------------------

<b>Chapter 3</b>
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<b>Chapter 4</b>
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- |           |                         |             |       |  |
|-----------|-------------------------|-------------|-------|--|
| <b>!!</b> | <i>152</i> <sup>2</sup> | exa 4-1-15  | (HjG) | Output of example is missing! Oops ... it was there honest |
|           | <i>177</i> <sup>2</sup> | para 2, 1.1 | (MiV) | Missing interword space: “Flowcharts_are”                  |

<b>Chapter 5</b>
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- |                         |           |       |   |
|-------------------------|-----------|-------|---|
| <i>221</i> <sup>2</sup> | last line | (RSh) | “down” should be “up”.  |
| <i>223</i> <sup>2</sup> |           | (hv)  | Changed explanation for example 5-4-1 slightly (since example changed). |

- 224<sup>2</sup> exa. 5-4-1 (hv) Coding changed to:
- ```

\begin{pspicture}(-1,-1)(2,2)
  \psaxes{->}(0,0)(-1,-1)(2,2)
  \parabola[linewidth=1.5pt](1,2)(-0.5,-0.5)
  \parabola[origin={0.25,-0.5},
            linestyle=dashed](1,2)(-0.5,-0.5)
  \psaxes[origin={0.25,-0.5},linestyle=dashed,
          linewidth=0.2pt]{->}(0,0)(-1,-1)(2,2)
\end{pspicture}

```
- 240<sup>2</sup> para 4, 1.8 (MiV) Remove backslash in: “keyword setting `\showpoints=true`”
- 254 Ex 5-9-1 (MiV) The blue circle shouldn’t be visible behind the black circle. This is a problem due to the printing process used for the book—it does not show up on all books.
- 290<sup>2</sup> Ex 5-13-22 (MSh) Inside `\pscustom` the `\psbezier` macro needs four arguments in case there exists no current point (always for the first macro) and three arguments if the bezier curve connects to an existing line or curve (path).

## Chapter 6

- 335<sup>2</sup> para 5, 1.4 (JMi) “... summarized in [Table 5.2](#) ...” → “... summarized in [Figure 5.2](#) ...”
- 406<sup>2</sup> margin (hv) Missing interword space: “The<sub>plotpoints</sub> ...”.
- 416<sup>2</sup> exa 6-6-34 (hv) The filling (crosshatch) of the example isn’t quite correct.
- 458<sup>2</sup> para 2, 1.1 (HjG) Missing interword space: “The<sub>pst-pdf</sub> package ...”

## Chapter 7

- 491<sup>2</sup> 2nd line (yhj) The name of author of xytrees package should be “Koaunghi Un” but not “Koaungli Un”. Sorry for the mistake.

## Chapter 8

- 514<sup>2</sup> tab. 8.3 (FMi) Slightly increase spacing after hline.
- 515<sup>2</sup> tab. 8.4 (MiV) There should be vertical spacing in the first line (superscript 10<sup>24</sup> touches top line)
- !! 579<sup>2</sup> para 2, 1.3 (MiV) `\ln` → `\n1` (this will also change the index entry)
- 583<sup>2</sup> para 4, 1.9 (MiV) Replace: “of the voltage  $V_C$ ” → “of the voltage  $v_C$ ”

## Chapter 9

598/599<sup>2</sup> several (FMi) The text and the displayed logs talk about example 7-2-6 but afterwards two more chapters got added (without the logs being regenerated), i.e., this should now be 9-2-6.

## Chapter 10

!! 683<sup>2</sup> exa. 10-1-22 (FMi) The example unfortunately highlights a bug in the current texmate package: a linebreak (in contrast to a space) is not recognized as a move separator resulting in all moves getting scrambled in the output, e.g., you see `dx5 Bxf3 Qxf5` put together under move 4.  
Fix: use `;` to separate moves on linebreaks or wait for the next release of the package.

## Chapter 11

720<sup>2</sup> 6th item (MiV) Replace: “documentwide” → “Documentwide”

726<sup>2</sup> para 2, 1.2 (MiV) Extra space after parenthesis: “( in practice”

740<sup>2</sup> para 2, 1.1 (MiV) Replace: “given by *start row*” → “given by *start row*”

!! 741<sup>2</sup> Ex 11-3-5 (MiV) Usage of `\cellcolor` might introduce extra space in the output (as one can see in the example).  
This can be argued as being a bug in the `colortbl` package. Given that the basic `\color` command ignores spaces after it, `\cellcolor` should behave similarly.

!! 744<sup>2</sup> line after Ex 11-3-9 (MiV) Replace: “This does not, of course, affect” → “This does, of course, also affect”

758<sup>2</sup> para 3, 1.2 (MiV) Add small space between values and units in frame dimension

760<sup>2</sup> fig. 11.1 (MiV) why differs section names (“Introduction to encoding” vs. “Introduction” etc.)?  
Frank: because the author of this section used a real live example where he had used an optional argument to `\section` to make the toc have special text for some reason (should be mentioned in the source though).

774<sup>2</sup> 2nd snytax box (hv) The `\transduration` command takes “time in seconds” as mandatory argument (and not “key/vals”)

779<sup>2</sup> para 3, 1.1 (MiV) “in not shown” → “is not shown”

794<sup>2</sup> exa 11-4-36 (hv) Replace “pic2e” → “pict2e” in output, corresponding input not displayed in the book.

## Appendix A

|                   |
|-------------------|
| <b>Appendix B</b> |
|-------------------|

|                                       |       |                                                                                                                                                                              |
|---------------------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>809</i> <sup>2</sup> para -1, l.-1 | (HjG) | Missing interword space before opening parenthesis: “. . . <b>faq</b> (or . . .”<br>Frank: actually there is nothing missing in the source. It is a deficiency of the fonts. |
|---------------------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                   |
|-------------------|
| <b>Appendix C</b> |
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|                     |
|---------------------|
| <b>Bibliography</b> |
|---------------------|

|                                              |        |                                                                                                                                                                 |
|----------------------------------------------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>822</i> <sup>2</sup> entry [32]           | (MiV)  | Use capital C in “Lecture Notes in computer Science”                                                                                                            |
| <i>823</i> <sup>2</sup> entry [35]           | (JPDF) | The author name “Eitan M. Gurai” should be “Eitan M. Gurari”.                                                                                                   |
| <b>824</b> entry [47]                        | (GTa)  | An updated version of the manual can be downloaded from<br><a href="http://www.tug.org/docs/metapost/mpman.pdf">http://www.tug.org/docs/metapost/mpman.pdf</a>  |
| <i>825</i> <sup>2</sup> entry [50]           | (FMi)  | Use capital C in “Lecture Notes in computer Science”                                                                                                            |
| <i>826</i> <sup>2</sup> entry [59]           | (FMi)  | Add web url:<br><a href="http://www.dante.de/dante/DTK/PDF/komoedie_2002_1.pdf">http://www.dante.de/dante/DTK/PDF/komoedie_2002_1.pdf</a>                       |
| <i>826</i> <sup>2</sup> entry [60]           | (FMi)  | Add web url:<br><a href="http://www.dante.de/dante/DTK/PDF/komoedie_2002_2.pdf">http://www.dante.de/dante/DTK/PDF/komoedie_2002_2.pdf</a>                       |
| <i>828</i> <sup>2</sup> entry [60]           | (FMi)  | Add web url: “Sample chapter at:<br><a href="http://www.latex-project.org/guides/books.html">http://www.latex-project.org/guides/books.html</a> ”               |
| <i>829/830</i> <sup>2</sup> editorial change | (FMi)  | Page breaks changed due to other changes                                                                                                                        |
| <i>833</i> <sup>2</sup> entry [128]          | (FMi)  | Url changed to:<br><a href="http://www.latex-project.org/obsolete/graphics/pstricks/doc/code/pst-code.pdf">obsolete/graphics/pstricks/doc/code/pst-code.pdf</a> |
| <i>833</i> <sup>2</sup> entry [129]          | (FMi)  | Url changed to: <a href="http://www.latex-project.org/macros/generic/multido/">macros/generic/multido/</a>                                                      |
| <i>833</i> <sup>2</sup> entry [135]          | (ADo)  | An “s” is missing in “using” (end of the first line of comment)                                                                                                 |

|              |
|--------------|
| <b>Index</b> |
|--------------|

|                                                  |       |                                                        |
|--------------------------------------------------|-------|--------------------------------------------------------|
| <i>856/860/866</i> <sup>2</sup> editorial change | (FMi) | changed index entries due to changes above             |
| <b>886</b> col.2, l.-7                           | (GTa) | image(METAPOST) should also reference example on p.145 |
| <i>891</i> <sup>2</sup> editorial change         | (FMi) | changed index entries due to changes above             |
| <i>910/911</i> <sup>2</sup> editorial change     | (FMi) | changed index entries due to changes above             |

925<sup>2</sup> editorial (FMi) changed index entries due to changes above  
change

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

|     |                       |      |                          |     |                     |
|-----|-----------------------|------|--------------------------|-----|---------------------|
| ADo | Alain Dondelinger (1) | JPFD | Jean-Pierre Drucbert (1) | RSh | Richard Shepard (1) |
| FMi | Frank Mittelbach (18) | JMi  | John Middlekauff (1)     | hv  | Herbert Voß (6)     |
| GTa | Grégoire Taviot (2)   | MSh  | Michael Sharpe (1)       | yhj | You Hyun Jo (1)     |
| HjG | Hubert Gäblein (3)    | MiV  | Milan Vujtek (16)        |     |                     |

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 the erratum
```

Here is an example:

```
\erroronpage{5}{para 3, 1.1}{M0s}{2007/07/01}{}
‘‘LaTeX’’ should be typeset ‘‘\LaTeX’’.
```