

The **bid**i Package



Bidirectional typesetting in plain $\text{T}_{\text{E}}\text{X}$ and $\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$,
using $\text{X}_{\text{e}}\text{T}_{\text{E}}\text{X}$ engine

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If you want to report any bugs or typos and corrections in the documentation, or ask for any new features, or suggest any improvements, or ask any questions about the package, then please do not send any direct email to me; I will not answer any direct email. Instead please use the issue tracker:

<https://github.com/vafa/bidi/issues>

In doing so, please always explain your issue well enough, always include a minimal working example showing the issue, and always choose the appropriate label for your query (i.e. if you are reporting any bugs, choose ‘bug’ label).

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Introduction

`bidi` provides a convenient interface for typesetting bidirectional texts in plain \TeX and \LaTeX , using the \XeTeX engine.

bidi Info On The Terminal and In The Log File

If you use `bidi` package to write any input \TeX document, and then run `xelatex` on your document, `bidi` writes some information about itself to the terminal and to the log file. The information is something like:

```
*****
*
* bidi package (Bidirectional typesetting in
* plain  $\text{\TeX}$  and  $\text{\LaTeX}$ , using  $\text{\XeTeX}$  engine)
*
* Description: A convenient interface for
* typesetting bidirectional texts in plain  $\text{\TeX}$ 
* and  $\text{\LaTeX}$ . The package includes adaptations
* for use with many other commonly-used packages.
*
* Copyright 20092013 Vafa Khalighi
*
* 2013/11/16, v14.4
*
* License:  $\text{\LaTeX}$  Project Public License, version
* 1.3c or higher (your choice)
*
* Location on CTAN: /macros/xetex/latex/bidi
*
* Issue tracker: https://github.com/vafa/bidi/issues
*
* Support: persian-tex@tug.org
*****
```

Part I

\LaTeX Manual

1 Basics

1.1 Loading The Package

You can load the package in the ordinary way;

`\usepackage [Options] {bidi}`

Where options of the package are explained later in [subsection 1.5](#).

When loading the package, it is important to know that:

- ❶ `bidi` should be the last package that you load, because otherwise you are certainly going to overwrite `bidi`'s definitions and consequently, you will not get the expected output.
- ❷ In fact, `bidi` makes sure that some specific packages are loaded before `bidi`; these are those packages that `bidi` modifies them for bidirectional typesetting. If you load `bidi` before any of these packages, then you will get an error saying that you should load `bidi` as your last package.

For instance, consider the following minimal example:

```
1 \documentclass{minimal}
2 \usepackage{bidi}
3 \usepackage{graphicx}
4 \begin{document}
5 This is just a test.
6 \end{document}
```

Where `graphicx` is loaded after `bidi`. If you run `xelatex` on this document, you will get an error which looks like this:

```
! Package bidi Error: Oops! you have loaded package graphicx after
bidi package. Please load package graphicx before bidi package, and
then try to run xelatex on your document again.

See the bidi package documentation for explanation.
Type H <return> for immediate help.
...

1.4 \begin{document}

?
```

1.2 `bidi`'s Symbol

As you may know lion symbolizes $\text{T}_{\text{E}}\text{X}$ but lion does not symbolizes `bidi`. **Simorgh**¹ (shown on the first page of this documentation) symbolizes `bidi`.

¹**Simorgh** is an Iranian benevolent, mythical flying creature which has been shown on the titlepage of this documentation. For more details see <http://en.wikipedia.org/wiki/Simurgh>

1.3 Commands for Version number, and Date of The Package

`\bidiversion \bididate`

☞ `\bidiversion` gives the current version of the package.

☞ `\bididate` gives the current date of the package.

```
1 \documentclass{article}
2 \usepackage{bidi}
3 \begin{document}
4 This is typeset by \textsf{bidi} package, \bidiversion, \bididate.
5 \end{document}
```

1.4 Turning TeX--XeT features on and off

The bidirectional typesetting in XeTeX is based on TeX--XeT algorithm and `bidi` package automatically turns the feature on for typesetting bidirectional texts. As the internal data structures built by TeX--XeT differ from those built by TeX, the typesetting of a document by TeX--XeT may therefore differ from that performed by TeX. So you may notice that some packages behave differently when TeX--XeT feature is on and you may want to turn the feature off for a part of the text so that you get the default behaviour of original TeX. Two commands are provided for this purpose:

`\TeXXeTOn \TeXXeTOff`

☞ `\TeXXeTOn` turns TeX--XeT feature on, which is active by default when `bidi` package is loaded.

☞ `\TeXXeTOff` turns TeX--XeT feature off.

1.5 Options of The Package

There are three options, namely `RTLdocument` and `rldocument`, which are essentially equivalent. If you pass any of these options to the package, you will be typesetting a document containing mainly RTL texts with some LTR texts. These options activate `\setRTL` (explained in [subsection 5.4](#)), `\RTLdblcol` (explained in [subsection 1.10](#)) and `\autofootnoterule` (explained in [subsubsection 1.9.1](#)).

It is clear that if you do not pass any of these options to the package, you will be typesetting a document containing mainly LTR texts with some RTL texts.

There is also `extrafootnotefeatures` option that allows footnotes to be typeset in different formats:

```

\normalfootnotes
\twocolumnfootnotes \threecolumnfootnotes \fourcolumnfootnotes
\fivecolumnfootnotes \sixcolumnfootnotes \sevendcolumnfootnotes
\eightcolumnfootnotes \nincolumnfootnotes \tencolumnfootnotes
\RTLcolumnfootnotes \LTRcolumnfootnotes
\paragraphfootnotes
\setLTRparagraphfootnotes \setRTLparagraphfootnotes

```

- ☞ `\normalfootnotes` typesets footnotes in Standard L^AT_EX format.
- ☞ `\twocolumnfootnotes` to `\tencolumnfootnotes`, typeset footnotes in two-columns to ten-columns, respectively.
- ☞ `\RTLcolumnfootnotes` typesets footnotes columns RTL (first column on the RHS and each next column to the left of the previous column) and `\LTRcolumnfootnotes` typesets footnotes columns LTR (first column on the LHS and each next column to the right of the previous column). `\LTRcolumnfootnotes` is active by default.
- ☞ `\paragraphfootnotes` typesets footnotes in paragraph format.
- ☞ `\setLTRparagraphfootnotes` makes footnotes run from left to right. This comand is active by default.
- ☞ `\setRTLparagraphfootnotes` makes footnotes run from right to left.

Please note that when using `extrafootnotefeatures` option, the footnote rule will be as wide as the text width and `\autofooterule`, `\rightfootnoterule`, `\leftfootnoterule`, and `\textwidthfootnoterule` commands have no effects.

Please also note that if you redefine `\baselinestretch` command or change the value of `\baselineskip` primitive before `\paragraphfootnotes` command, then you may get Arithmetic Overflow error. You should change these after using `\paragraphfootnotes` command.

1.6 Paragraph Switching Commands

```

\setLTR \setLR \unsetRL \unsetRTL
\setRTL \setRL \unsetLTR

```

- ☞ With any of the commands in the first row, you can typeset LTR paragraphs.
- ☞ With any of the commands in the second row, you can typeset RTL paragraphs.

```

1 \documentclass{article}
2 \usepackage{bidi}
3 \begin{document}

```



```

4 \setRTL%
5 Anyone who reads Old and Middle English literary texts will be
6 familiar with the mid-brown volumes of the EETS, with the symbol
7 of Alfred's jewel embossed on the front cover.
8
9 \setLTR% Notice the blank line before \setLTR
10 Anyone who reads Old and Middle English literary texts will be
11 familiar with the mid-brown volumes of the EETS, with the symbol
12 of Alfred's jewel embossed on the front cover.
13 \end{document}

```

1.7 Paragraph Switching Environments

```

\begin{LTR}  <text>  \end{LTR}
\begin{RTL}  <text>  \end{RTL}

```

☞ With LTR environment, you can typeset LTR paragraphs.

☞ With RTL environment, you can typeset RTL paragraphs.

```

1 \documentclass{article}
2 \usepackage{bidi}
3 \begin{document}
4 \begin{RTL}
5 Anyone who reads Old and Middle English literary texts will be familiar
6 with the mid-brown volumes of the EETS, with the symbol
7 of Alfred's jewel embossed on the front cover.
8 \begin{LTR}
9 Anyone who reads Old and Middle English literary texts will be familiar
10 with the mid-brown volumes of the EETS, with the symbol
11 of Alfred's jewel embossed on the front cover.
12 \end{LTR}
13 And we are still typesetting RTL.
14 \end{RTL}
15 \end{document}

```

1.8 Typesetting Short LTR and RTL Texts

```

\LRE{<text>}  \LR{<text>}
\RLE{<text>}  \RL{<text>}

```

☞ With any of the commands in the first row, you can typeset short LTR text inside RTL paragraphs.

☞ With any of the commands in the second row, you can typeset short RTL text inside LTR paragraphs.

```

1 \begin{document}
2 \begin{RTL}
3 Anyone who reads Old and Middle English \LRE{Short LTR text} literary
  texts will be familiar
4   with the mid-brown volumes of the EETS, with the symbol
5   of Alfred's jewel embossed on the front cover.
6 \begin{LTR}
7 Anyone who reads Old and Middle English \RLE{Short RTL text} literary
  texts will be familiar
8   with the mid-brown volumes of the EETS, with the symbol
9   of Alfred's jewel embossed on the front cover.
10 \end{LTR}
11 \end{RTL}
12 \end{document}

```

1.9 Footnotes

```

\footnote [num] {\text} \LTRfootnote [num] {\text} \RTLfootnote [num] {\text}
\setfootnoteRL \setfootnoteLR \unsetfootnoteRL
\thanks{\text} \LTRthanks{\text} \RTLthanks{\text}

```

- ☞ `\footnote` in RTL mode produces an RTL footnote while in LTR mode it produces an LTR footnote.
- ☞ `\LTRfootnote` will always produce an LTR footnote, independent on the current mode.
- ☞ `\RTLfootnote` will always produce an RTL footnote, independent on the current mode.
- ☞ Specifying a `\setfootnoteRL` command anywhere will make `\footnote` produce an RTL footnote.
- ☞ Specifying either a `\setfootnoteLR` or an `\unsetfootnoteRL` command anywhere will make `\footnote` produce an LTR footnote.
- ☞ `\thanks` (to be used only inside `\author` or `\title` argument) in RTL mode produces an RTL footnote while in LTR mode it produces an LTR footnote.
- ☞ `\LTRthanks` (to be used only inside `\author` or `\title` argument) will always produce an LTR footnote, independent on the current mode.
- ☞ `\RTLthanks` (to be used only inside `\author` or `\title` argument) will always produce an RTL footnote, independent on the current mode.

```
\footnotetext [num] {\text} \LTRfootnotetext [num] {\text}
\RTLfootnotetext [num] {\text}
```

- ☞ `\footnotetext` used in conjunction with `\footnotemark`, in RTL mode produces an RTL footnote while in LTR mode it produces an LTR footnote.
- ☞ `\LTRfootnotetext` used in conjunction with `\footnotemark`, will always produce an LTR footnote, independent on the current mode.
- ☞ `\RTLfootnotetext` used in conjunction with `\footnotemark`, will always produce an RTL footnote, independent on the current mode.

1.9.1 Footnote Rule

The behavior of footnote rules can also be controlled.

```
\autofooterule \rightfootnoterule \leftfootnoterule
\LRfootnoterule \textwidthfootnoterule \SplitFootnoteRule
\debugfootnotedirection
```

- ☞ `\autofooterule` will draw the footnote rule right or left aligned based on the direction of the first footnote following the rule (i.e., put in the current page).
- ☞ `\rightfootnoterule` will put footnote rule on the right-hand side.
- ☞ `\leftfootnoterule` or `\LRfootnoterule` will put footnote rule on the left-hand side.
- ☞ `\textwidthfootnoterule` will draw the footnote rule with a width equal to `\textwidth`.
- ☞ `\SplitFootnoteRule` puts a full-width rule above the split-off part of a split footnote.
- ☞ `\debugfootnotedirection` writes the direction of the first footnote on each page, in the log file.

1.10 Two Column Typesetting

```
\RTLdblcol \LTRdblcol
```

If you pass the `twocolumn` option to the class file and if the main direction of the document is RTL, then you get RTL two column and if the main direction of the document is LTR, then you get LTR two column. In addition, `\RTLdblcol` allows you to have RTL two column typesetting and `\LTRdblcol` allows you to have LTR two column typesetting as the options of the class file.

Also please note that in `twocolumn` documents, the width of the `\footnoterule` will be equal to `\columnwidth` no matter which footnote-rule commands you use; indeed, in `twocolumn` documents only `\textwidthfootnoterule` is active and other footnote-rule commands will not be effective.

1.11 RTL cases

`\RTLcases` command was previously known as `\rcases` command but since there was a clash with `mathtools` package (`mathtools` defines `rcases` environment), we had to rename `\rcases` command to `\RTLcases` command.

```
\RTLcases{\text{\langle brach1\rangle}\cr\text{\langle brach2\rangle}\cr\text{\langle brach3\rangle}...\r
\text{\langle main\rangle}
```

`\RTLcases` is defined in `bidi` for typesetting RTL cases. `\text` is defined in `amsmath` package, so this means that you need to load `amsmath` package too.

```
1 \documentclass{article}
2 \usepackage{amsmath}
3 \usepackage{bidi}
4 \begin{document}
5 \setRTL
6 \[ \RTLcases{\text{men}\cr\text{women}}
7 \text{Humans Beings}
8 \]
9 \end{document}
```

1.12 Typesetting Logos

```
\XeTeX \XeLaTeX
```

`bidi` defines `XeTeX` and `XeLaTeX` logos and in addition, it makes sure that logos, `TeX`, `LaTeX`, `LaTeX 2ε` are typeset LTR.

1.13 Separation Mark

```
\SepMark{\langle mark\rangle} \@SepMark
```

Generally in Standard `LaTeX`, `dot` is used for separation between section numbers, equation numbers any anything else which needs to be separated. You can use `\SepMark` to use any other mark as the separation mark instead a dot.

```
1 \documentclass{article}
2 \usepackage{bidi}
3 \SepMark{-}
4 \begin{document}
5 \section{First}
6 \subsection{Second}
7 \subsubsection{Third}
8 \end{document}
```

If you decide to change the numbering of chapters, sections, subsections, equations, figures and ..., you should either load `amsmath` package and use `\numberwithin` macro to do this or do the ordinary way, but instead dot write `\@SepMark`. Using dot instead `\@SepMark` will certainly make trouble.

```

1 \documentclass{article}
2 \usepackage{bidi}
3 \SepMark{-}
4 \makeatletter
5 \renewcommand\theequation{\thesection\@SepMark\@arabic\c@equation}
6 \makeatother
7 \begin{document}
8 \section{First}
9 \begin{equation}
10 x^2+y^2=z^2
11 \end{equation}
12 \end{document}

```

1.14 `\raggedright`, `\raggedleft` commands, `flushleft` and `flushright` Environments

`\raggedright` command and `flushleft` environment put the text on the left hand side and `\raggedleft` command and `flushright` environment put the text on the right hand side, independent on the current mode.

1.15 Primitive-like commands

<code>\hboxR</code> <code>\hboxL</code> <code>\vboxR</code> <code>\vboxL</code>

- ☞ The syntax of `\hboxR` is exatly the same as the syntax of `\hbox`, but its contents is always typeset RTL.
- ☞ The syntax of `\hboxL` is exatly the same as the syntax of `\hbox`, but its contents is always typeset LTR.
- ☞ The syntax of `\vboxR` is exatly the same as the syntax of `\vbox`, but its contents is always typeset RTL.
- ☞ The syntax of `\vboxL` is exatly the same as the syntax of `\vbox`, but its contents is always typeset LTR.

1.16 Something To know about `\hbox`

If you enable RTL typesetting and typeset an horizontal box at the beginning of the document:

<pre> 1 \documentclass{article} 2 \usepackage{bidi} </pre>
--

```

3 \setRTL
4 \begin{document}
5 \hbox{This is a Test}
6 \end{document}

```

You see that even you have used `\setRTL`, the horizontal box appears LTR (It appears on the left hand side and its content is typeset left to right). This is because when \TeX starts, it is in the vertical mode so if you need to have that `\hbox` appear RTL, then write `\leavevmode` before `\hbox`:

```

1 \documentclass{article}
2 \usepackage{bidi}
3 \setRTL
4 \begin{document}
5 \leavevmode\hbox{This is a Test}
6 \end{document}

```

1.17 `\bidillap` and `\bidirlap` Commands

In RTL mode, `\llap` and `\rlap` do opposite things. Since these two macros are used in a lot of classes and packages, instead modifying these two macros, we have created two new macros `\bidillap` and `\bidirlap` which give logical results.

1.18 `LTRitems` and `RTLitems` Environments

If you typeset an `itemize`, or an `enumerate`, or a `description` environment where all `\items` are one directional, you have no problem at all as shown below:

```

1 \documentclass{article}
2 \begin{document}
3 Anyone who reads Old and Middle English literary texts will be familiar
  with the mid-brown volumes of the EETS, with the symbol of Alfred's
4 \begin{enumerate}
5 \item Anyone who reads Old and Middle English literary texts will be
  familiar with the mid-brown volumes of the EETS, with the symbol of
  Alfred's
6 \item Anyone who reads Old and Middle English literary texts will be
  familiar with the mid-brown volumes of the EETS, with the symbol of
  Alfred's
7 \end{enumerate}
8 \end{document}

```

However if the above example becomes bidirectional, as shown below:

```

1 \documentclass{article}
2 \usepackage{bidi}
3 \begin{document}
4 Anyone who reads Old and Middle English literary texts will be familiar
  with the mid-brown volumes of the EETS, with the symbol of Alfred's

```

```

5 \begin{enumerate}
6 \item Anyone who reads Old and Middle English literary texts will be
  familiar with the mid-brown volumes of the EETS, with the symbol of
  Alfred's
7 \setRTL
8 \item Anyone who reads Old and Middle English literary texts will be
  familiar with the mid-brown volumes of the EETS, with the symbol of
  Alfred's
9 \end{enumerate}
10 \end{document}

```

Then some people may argue that this typographically does not look promising. For this purpose, RTLitems environment is provided which has the following syntax:

```

\begin{RTLitems}
  \item <text>
  ...
\end{RTLitems}

```

By using the RTLitems environment, the previous example will look like the following:

```

1 \documentclass{article}
2 \usepackage{bidi}
3 \begin{document}
4 Anyone who reads Old and Middle English literary texts will be familiar
  with the mid-brown volumes of the EETS, with the symbol of Alfred's
5 \begin{enumerate}
6 \item Anyone who reads Old and Middle English literary texts will be
  familiar with the mid-brown volumes of the EETS, with the symbol of
  Alfred's
7 \begin{RTLitems}
8 \item Anyone who reads Old and Middle English literary texts will be
  familiar with the mid-brown volumes of the EETS, with the symbol of
  Alfred's
9 \end{RTLitems}
10 \end{enumerate}
11 \end{document}

```

Similarly, LTRitems environment is defined which has the following syntax:

```

\begin{LTRitems}
  \item <text>
  ...
\end{LTRitems}

```

1.19 LTRbibitems and RTLbibitems Environments

The syntax of LTRbibitems and RTLbibitems environments is exactly like the syntax of LTRitems and RTLitems environments but there are few differences:

- ☞ LTRitems and RTLitems environments should only be used for list-like environments (such as itemize, enumerate and description environments) but LTRbibitems and RTLbibitems environments should only be used for thebibliography environment.
- ☞ Clearly instead of \item, you have \bibitem inside LTRbibitems and RTLbibitems environments.

1.20 \setLTRbibitems, \setRTLbibitems, and \setdefaultbibitems commands

```

\setLTRbibitems \setRTLbibitems \setdefaultbibitems

```

- ☞ If your whole thebibliography environment is inside RTL mode, but all your \bibitems are LTR and you actually want to have \bibname to appear on the RHS, you can use \setLTRbibitems command before thebibliography environment.
- ☞ If your whole thebibliography environment is inside LTR mode, but all your \bibitems are RTL and you actually want to have \bibname to appear on the LHS, you can use \setRTLbibitems command before thebibliography environment.
- ☞ \setdefaultbibitems is the default, when your \bibitems are a mixture of LTR and RTL and it does not matter what mode (LTR or RTL) your thebibliography environment is in. Please note that you do not have to use \setdefaultbibitems command in this case at all.

Consider an example that your thebibliography environment is inside LTR mode and you have, say two \bibitems. The first \bibitem is LTR and the second \bibitem is RTL. One could typeset this senario as shown below:

```

1 \documentclass{article}
2 \usepackage{bidi}
3 \begin{document}
4 \begin{thebibliography}{99}
5 \bibitem This is the first bibitem which is LTR.
6 \begin{RTLbibitems}
7 \bibitem This is the second bibitem which is RTL.

```



```

8 \end{RTLbibitems}
9 \end{thebibliography}
10 \end{document}

```

1.21 Typesetting margin par

By default, in RTL mode, `\marginpar` appears on LHS and its content is typeset RTL and in LTR mode, `\marginpar` appears on RHS and its content is typeset LTR. In addition, the following commands are provided:

```

\setRTLmarginpar \setLTRmarginpar \setdefaultmarginpar
\LTRmarginpar[⟨left-text⟩]{⟨right-text⟩}
\RTLmarginpar[⟨left-text⟩]{⟨right-text⟩}

```

- ☞ `\setRTLmarginpar` always makes `\marginpar` to appear on LHS and the content of `\marginpar` is typeset RTL (this is independent of the current mode).
- ☞ `\setLTRmarginpar` always makes `\marginpar` to appear on RHS and the content of `\marginpar` is typeset LTR (this is independent of the current mode).
- ☞ `\setdefaultmarginpar` gives the default behaviour of `\marginpar` as described above.
- ☞ `\LTRmarginpar` typesets `⟨left-text⟩` and `⟨right-text⟩` always LTR.
- ☞ `\RTLmarginpar` typesets `⟨left-text⟩` and `⟨right-text⟩` always RTL.
- ☞ in RTL mode, places of `⟨left-text⟩` and `⟨right-text⟩` swaps.

1.22 Typesetting of Headers and Footers

If the main direction of the document is RTL, then headers and footers are typeset RTL and if the main direction of the document is LTR, then headers and footers are typeset LTR.

1.23 Tabular Typesetting

In RTL mode, tabular are typeset RTL and in LTR mode, tabular are typeset LTR.

1.24 Equation Numbers

For `reqno`, equation numbers are on the right hand side and for `leqno`, equation numbers are on the left hand side, independent on the current mode.

2 Support For Various Packages and Classes

The `bidi` package supports `amsmath`, `amstext`, `amsthm`, `array`, `arydshln`, `breqn`, `cals`, `caption`, `color`, `colortbl`, `crop`, `cuted`, `cutwin`, `dblfnote`, `draftwatermark`, `empheq`, `fancyhdr`, `fancybox`, `fix2col`, `float`, `floatrow`, `flowfram`, `framed`, `ftnright`, `geometry`, `graphicx`, `hvfloa`, `hyperref`, `lettrine`, `listings`, `mdframed`, `midfloat`, `minitoc`, `multicol`, `multienum`, `newfloat`, `pdfpages`, `pstricks`, `quotchap`, `pycinpar`, `ragged2e`, `rotating`, `sidecap`, `stabular`, `subfig`, `subfigure`, `supertabular`, `xtab`, `tbls`, `tabulary`, `PGF & TIKZ`, `tocbibind`, `tocloft`, `tocstyle`, `wrapfig`, `xcolor`, `xltxtra` packages, `amsart`, `amsbook`, `artikel1`, `artikel2`, `artikel3`, `extarticle`, `flashcards`, `standrad article`, `boek`, `boek3`, `standard book`, `boekest`, `extbook`, `extletter`, `scrlettr`, `standard letter`, `memoir`, `extreport`, `rapport1`, `rapport3`, `refrep`, `standard report`, `scrartcl`, `scrbook`, `scprept` classes and any other packages and classes that relies on these packages and classes. This means, you can use all these packages and classes in addition to other packages and classes that rely on these packages and classes and use their functionality fully for your bidirectional documents.

We now give some details that you should know about the supported packages or classes.

2.1 Color

You can use `color` and `xcolor` packages to typeset texts in colours and colour boxes produced by `\colorbox` and `\fcolorbox` commands. Please note that your Coloured text should not span more than a line, if your text spans more than a line, you will be in trouble which means your whole document, page or paragraph may be coloured. If your texts spans more than a line, then you should use `xecolor` package.

Also if you are going to use `\color` command to colour the text at the beginning of a paragraph, then you should have `\leavevmode` before `\color` command.

For having coloured tabular, you can use `colortbl` package.

2.2 The `dblfnote` package

The `dblfnote` package makes footnotes double-columned. In addition `bidi` package adds bidirectional support for the `dblfnote` package by providing the following commands:

<code>\RTLdfnmakecol</code> <code>\LTRdfnmakecol</code>

☞ `\RTLdfnmakecol` makes footnotes double-columned RTL.

☞ `\LTRdfnmakecol` makes footnotes double-columned LTR.

☞ If the main direction of the document is RTL, `\RTLdfnmakecol` is active and if the main direction of the document is LTR, `\LTRdfnmakecol` is active.

Please note that when using `dblfnote` package, the footnote rule will be as wide as the footnote column and `\autofootnoterule`, `\rightfootnoterule`, `\leftfootnoterule`, and `\textwidthfootnoterule` commands have no effects.

2.3 Hyperref

The `hyperref` package works fine with bidirectional documents if and only if, your link will not span more than a line. If your link spans more than a line, then your whole document, or page or paragraph may be linked.

2.4 flowfram Package

You can use `flowfram` package for your bidirectional documents. Please note that `flowfram` package provides support for bidirectional column typesetting, for details, see its manual.

2.5 Multicolumn Typesetting

In the previous versions of `bidi` package, it was recommended that you need to use `fmultico` package instead the original `multicol` package for RTL multicolumn typesetting. This is not the case any more and you should not use buggy `fmultico` package any more. Simply load the original `multicol` package before loading `bidi`. `bidi` now supports `multicol` package and you can typeset bidirectional multi columns.

In addition, you also can use `vwcol` package for variable width bidirectional column typesetting.

3 Extra bidi Packages and Classes

3.1 bidi-longtable package

For typesetting RTL tables with `longtable` package, an experimental package, `bidi-longtable` package, is provided. `bidi-longtable` package should be loaded after `longtable` package.

3.2 bidentu bundle

A modified version of `tufte-latex`, `bidentu` bundle, mainly for RTL typesetting, is provided. If you never used `bidentu` bundle or `tufte-latex` package and you want to use `bidentu` bundle, then you need to look at `tufte-latex` package's manual and examples. In addition, for using `bidentu` bundle, you need to know the following notes:

☞ You need to use `bidentu-book` class instead `tufte-book` class and `bidentu-handout` class instead `tufte-handout` class.

☞ `bidentu` bundle provides the following extra commands:

<code>\LTRsidenote</code> <code>\RTLsidenote</code> <code>\LTRmarginnote</code> <code>\RTLmarginnote</code>

- ☞ `biditufte-book` and `biditufte-handout` classes provide two extra options; `RTL-geometry` (active when loading either of classes) and `LTRgeometry`.
- ☞ `biditufte` bundle unlike `tufts-latex` package, only provides justified lines.
- ☞ Some features of `tufts-latex` that does not make any sense in RTL, do not exist in `biditufte` bundle (no need for `soul`, `letterspace` and `macrotype` packages).
- ☞ If you want to configure `biditufte-book` class for your own needs, then you can create a file with the name `biditufte-book.cfg` and put your \LaTeX macros in that file; similarly, if you want to configure `biditufte-handout` class for your own needs, then you can create a file with the name `biditufte-handout.cfg` and put your \LaTeX macros in that file.

3.3 Typesetting \TeX and \LaTeX Codes

The \LaTeX codes in this manual are typeset using the `bidicode` package. In standard \LaTeX you can not use footnotes inside `\chapter`, `\part`, `\section`, `\subsection`, `\subsubsection` and any other section-like commands, `\caption` and tabular environment.

`bidi` package provides `bidiftnxtra` package that solves the issue of footnote in standard \LaTeX . `bidiftnxtra` package should be loaded after `bidi` package.

3.4 Typesetting Poems

The `bidi` package provides `bidipoem` package for typesetting Persian poems. It provides four environments, `traditionalpoem`, `modernpoem` and starred version of these. In the starred version of these environments you do not need to type `\` and that is the only difference with the normal version of the environments. The `traditionalpoem` environment and its starred version are also useful for typesetting Classic Arabic poetry, in fact this package may also be useful for other RTL languages.

When using `bidipoem` package, at least you need to run `xelatex` twice on your document. In fact, if you run `xelatex` just once on your document, you get a message saying “Unjustified poem. Rerun `XeLaTeX` to get poem right”.

When you typeset your poems, you might get underfull `\hbox` messages. This is absolutely normal and if you want to get rid of these underfull `\hbox` messages, then you would need to use `Kashida`.

If you need to change the default distance between two verses, you can do just that by:

```
\renewcommand\poemcolsepskip{\length}
```

```
\begin{traditionalpoem}  
<verse1>&<verse2>\\  
<verse3>&<verse4>\\  
...  
\end{traditionalpoem}
```

```
\begin{traditionalpoem*}  
<verse1>&<verse2>  
<verse3>&<verse4>  
...  
\end{traditionalpoem*}
```

3.5 Typesetting Resumé

The `bidi` package provides `bidimoderncv`² class for typesetting resumé. There are two examples, namely `test-casualcv.tex` and `test-classiccv.tex`, in the `doc` folder than you can look and learn how you can use it.

3.6 Print Two Pages On A Single Page

`bidi` package provides `bidi2in1` package for printing two pages on a single (landscape) A4 page. Page numbers appear on the included pages, and not on the landscape 'container' page.

3.7 Producing Presentations

At the moment, there is only one class that you can prepare your presentations with.

3.7.1 `bidipresentation` Class

`bidipresentation` is a simple class for presentations to be shown on screen or beamer. It is derived from L^AT_EX's `article` class. The virtual paper size of documents produced by this class: width=128mm, height=96mm. `bidipresentation` requires that the `fancyhdr` and `geometry` packages are available on the system. Enhancements to the `bidipresentation` class are easily made available by other packages, these include slides with a background from a bitmap (`eso-pic` package).

Usage: The class is used with

²This class is the modified version of `moderncv` class.

```
\documentclass [Options] {bidipresentation}
```

Options of the article class are also available to `bidipresentation`, e. g. 10pt, 11pt, 12pt for selection of font size. However, not all options of the article class will be appropriate for a presentation class, e. g. `twocolumn`.

A simple example document:

```
1 \documentclass[12pt]{bidipresentation}
2 \usepackage{eso-pic}
3 \usepackage[RTLdocument]{bidi}
4 \pagestyle{pres}
5 \AddToShipoutPicture{
6 \includegraphics{gradient2.png}
7 }
8 \begin{document}
9 \begin{titlepage}
10 \centering
11 \distance{1}
12 {
13 \Huge \bfseries Title of the presentation \par
14 }
15 \vspace{1.3ex} \large
16 Author\[\[2ex]Institution
17 \distance{2}
18 \end{titlepage}
19 \begin{plainslide}[Title of Page]
20 The first page
21 \end{plainslide}
22 \begin{rawslide}
23 The second page
24 \end{rawslide}
25 \end{document}
```

The title page can be created within the `titlepage` environment, the `\maketitle` command is not available. Slides may be created with the `plainslide` environment, you may add the title of the slide with the optional parameter. The contents of the slide are centered vertically. Another environment generating a slide is `rawslide`: slides are written without title, contents are not vertically centered.

The `\distance{<number>}` command allows to introduce vertical space into slides constructed with the `rawslide` and `titlepage` environments. You should use pairs of `\distance{}` commands with numbers indicating the relative height of empty space, see the titlepage in the example above.

You can use `\pause` command to generate pauses in your presentation.

Pictures can be included with the `\includegraphics` command of the `graphicx` package. Please be aware that the dimensions of the pages are 128mm × 96mm and therefore included graphics are scaled appropriately.

Enhancements to `bidipresentation`:

Fill background of a presentation with bitmaps: `eso-pic` package allows you to paint the background with a picture:

```

1 \usepackage{eso-pic}
2 ...
3 \AddToShipoutPicture{
4 \includegraphics{gradient2.png}
5 }

```

`\AddToShipoutPicture{}` puts the picture on every page, `\AddToShipoutPicture*{}` puts it on to the current page, `\ClearShipoutPicture` clears the background beginning with the current page. Details of `eso-pics` commands can be found in its own documentation.

4 Some Useful Internal Macros and Programming Tips

There are some useful internal macros and programming tips that might be helpful for you. This section, explains all these useful internals and programming tips.

4.1 Equating Conditionals

```
\eqnewif{<\newconditional1>}{<\newconditional2>}
```

In standard \LaTeX , `\newif` command is provided that you can define a new conditional with it. `\eqnewif` command is similar to `\newif` command but:

- ☞ With `\eqnewif` command, you can define two new conditionals instead one, so clearly it has two mandatory arguments.
- ☞ `\newconditional1` will be identical to `\newconditional2`, so that whenever `\newconditional1` is true, then `\newconditional2` is also true and whenever `\newconditional1` is false, then `\newconditional2` is also false and vice versa.

4.2 RTL Conditional

```
\if@RTL
```

`\if@RTL` conditional is true inside RTL mode and it is false in LTR mode.

4.3 Main RTL Conditional

```
\if@RTLmain
```

If the main direction of the document is RTL, `\if@RTLmain` is true and if the main direction of the document is LTR, `\if@RTLmain` is false.

4.4 Latin Conditional

`\if@Latin`

`\if@Latin` inside any environment that uses Latin font is true and inside any environment that uses RTL font is false.

4.5 Tags Internal Macro

`\@iftagsloaded{<tags name>}{<do thing(s) if the tag is loaded>}
{<do thing(s) if the tag is not loaded>}`

As you can see, the syntax of `\@iftagsloaded` is exactly the same as the syntax of `\@ifpackageloaded` and `\@ifclassloaded`. By tags, we mean things like `leqno` or `reqno`. Please note that in the argument *<tags name>*, the extension `clo` should not be given.

4.6 Definition File Loaded Internal Macro

`\@ifdefinitionfileloaded{<definition file name>}
{<do thing(s) if the definition file is loaded>}
{<do thing(s) if the definition file is not loaded>}`

As you can see, the syntax of `\@ifdefinitionfileloaded` is exactly the same as the syntax of `\@ifpackageloaded` and `\@ifclassloaded`. By definition file, we mean things like `hyperref-bidi.def` or `wrapfig-bidi.def`. Please note that in the argument *<definition file name>*, the extension `def` should not be given.

4.7 Tabular Conditional

`\if@RTLtab`

If the tabular is typeset RTL, `\if@RTLtab` is true and if the tabular is typeset LTR, `\if@RTLtab` is false.

4.8 Footnote Conditional

`\if@RTL@footnote`

When footnotes are typeset RTL, `\if@RTL@footnote` is true and when footnotes are typeset LTR, `\if@RTL@footnote` is false.

4.9 Direction Ensuring Macros

<code>\@ensure@RTL{<text>}</code> <code>\@ensure@RL{<text>}</code> <code>\@ensure@LTR{<text>}</code> <code>\@ensure@LR{<text>}</code> <code>\@ensure@dir{<text>}</code> <code>\@ensure@maindir{<text>}</code>
--

- ☞ `\@ensure@RTL` and `\@ensure@RL` internals make sure that `<text>` is always typeset RTL, independent on the current mode.
- ☞ `\@ensure@LTR` and `\@ensure@LR` internals make sure that `<text>` is always typeset LTR, independent on the current mode.
- ☞ `\@ensure@dir` and `\@ensure@maindir` if used in RTL mode, they put `<text>` inside `\RLE` and if used in LTR mode, they put the text as it is.

4.10 Reset Direction Macro

<code>\save@dir</code> <code>\saved@@dir</code> <code>\reset@dir</code>

- ☞ `\save@dir`, if the direction of typesetting is RTL, defines `\saved@@dir` to be RTL and if the direction of typesetting is LTR, defines `\saved@@dir` to be LTR.
- ☞ `\reset@dir`, if `\saved@@dir` is defined as RTL, inserts `\setRTL` otherwise, if `\saved@@dir` is defined as LTR, inserts `\setLTR`, otherwise does nothing.

Part II

Plain T_EX Manual

5 Basics

5.1 Loading The Package

You can load the package in the ordinary way;

<code>\input bidi</code>

When loading the package, it is important to know that: `bidi` should be the last package that you load, because otherwise you are certainly going to overwrite `bidi`'s definitions and consequently, you will not get the expected output.

5.2 Commands for Version number, and Date of The Package

```
\bidiversion \bididate
```

☞ `\bidiversion` gives the current version of the package.

☞ `\bididate` gives the current date of the package.

```
1 \input bidi
2 This is typeset by \textsf{bidi} package, \bidiversion, \bididate.
3 \end
```

5.3 Turning TeX--XeT features on and off

The bidirectional typesetting in XeTeX is based on TeX--XeT algorithm and `bidi` package automatically turns the feature on for typesetting bidirectional texts. As the internal data structures built by TeX--XeT differ from those built by TeX, the typesetting of a document by TeX--XeT may therefore differ from that performed by TeX. So you may notice that some packages behave differently when TeX--XeT feature is on and you may want to turn the feature off for a part of the text so that you get the default behaviour of original TeX. Two commands are provided for this purpose:

```
\TeXXeTOn \TeXXeTOff
```

☞ `\TeXXeTOn` turns TeX--XeT feature on, which is active by default when `bidi` package is loaded.

☞ `\TeXXeTOff` turns TeX--XeT feature off.

5.4 Paragraph Switching Commands

```
\setLTR \setLR \unsetRL \unsetRTL
\setRTL \setRL \unsetLTR
```

☞ With any of the commands in the first row, you can typeset LTR paragraphs.

☞ With any of the commands in the second row, you can typeset RTL paragraphs.

```
1 \input bidi
2 \setRTL%
3 Anyone who reads Old and Middle English literary texts will be
4 familiar with the mid-brown volumes of the EETS, with the symbol
5 of Alfred's jewel embossed on the front cover.
```

```

6
7 \setLTR% Notice the blank line before \setLTR
8 Anyone who reads Old and Middle English literary texts will be
9 familiar with the mid-brown volumes of the EETS, with the symbol
10 of Alfred's jewel embossed on the front cover.
11 \end

```

5.5 Paragraph Switching Environments

```

\LTR <text> \endLTR
\RTL <text> \endRTL

```

☞ With LTR environment, you can typeset LTR paragraphs.

☞ With RTL environment, you can typeset RTL paragraphs.

```

1 \input bidi
2 \RTL
3 Anyone who reads Old and Middle English literary texts will be familiar
4 with the mid-brown volumes of the EETS, with the symbol
5 of Alfred's jewel embossed on the front cover.
6 \LTR
7 Anyone who reads Old and Middle English literary texts will be familiar
8 with the mid-brown volumes of the EETS, with the symbol
9 of Alfred's jewel embossed on the front cover.
10 \endLTR
11 And we are still typesetting right to left.
12 \endRTL
13 \end

```

5.6 Typesetting Short LTR and RTL Texts

```

\LRE{<text>} \LR{<text>}
\RLE{<text>} \RL{<text>}

```

☞ With any of the commands in the first row, you can typeset short LTR text inside RTL paragraphs.

☞ With any of the commands in the second row, you can typeset short RTL text inside LTR paragraphs.

```

1 \input bidi
2 \RTL
3 Anyone who reads Old and Middle English \LRE{Short left to right text}
4 literary texts will be familiar
5 with the mid-brown volumes of the EETS, with the symbol

```

```

5 | of Alfred's jewel embossed on the front cover.
6 | \LTR
7 | Anyone who reads Old and Middle English \RLE{Short right to left text}
  | literary texts will be familiar
8 | with the mid-brown volumes of the EETS, with the symbol
9 | of Alfred's jewel embossed on the front cover.
10 | \endLTR
11 | \endRTL
12 | \end

```

5.7 Primitive-like commands

```
\hboxR \hboxL \vboxR \vboxL
```

- ☞ The syntax of `\hboxR` is exactly the same as the syntax of `\hbox`, but its contents is always typeset RTL.
- ☞ The syntax of `\hboxL` is exactly the same as the syntax of `\hbox`, but its contents is always typeset LTR.
- ☞ The syntax of `\vboxR` is exactly the same as the syntax of `\vbox`, but its contents is always typeset RTL.
- ☞ The syntax of `\vboxL` is exactly the same as the syntax of `\vbox`, but its contents is always typeset LTR.

5.8 Something To know about `\hbox`

If you enable RTL typesetting and typeset an horizontal box at the beginning of the document:

```

1 | \input bidi
2 | \setRTL
3 | \hbox{This is a Test}
4 | \end

```

You see that even you have used `\setRTL`, the horizontal box appears LTR (It appears on the left hand side and its content is typeset left to right). This is because when \TeX starts, it is in the vertical mode so if you need to have that `\hbox` appear RTL, then write `\leavevmode` before `\hbox`:

```

1 | \input bidi
2 | \setRTL
3 | \leavevmode\hbox{This is a Test}
4 | \end

```

5.9 Typesetting Logos

`\XeTeX`

bidit defines XeTeX logo and in addition, it makes sure that the logo, TeX is typeset LTR.

6 Some Useful Internal Macros and Programming Tips

There are some useful internal macros and programming tips that might be helpful for you. This section, explains all these useful internals and programming tips.

6.1 RTL Conditional

`\if@RTL`

`\if@RTL` conditional is true inside RTL mode and it is false in LTR mode.

6.2 Main RTL Conditional

`\if@RTLmain`

If the main direction of the document is RTL, `\if@RTLmain` is true and if the main direction of the document is LTR, `\if@RTLmain` is false.

6.3 Direction Ensuring Macros

`\@ensure@RTL{<text>}` `\@ensure@RL{<text>}` `\@ensure@LTR{<text>}`
`\@ensure@LR{<text>}` `\@ensure@dir{<text>}` `\@ensure@maindir{<text>}`

- ☞ `\@ensure@RTL` and `\@ensure@RL` internals make sure that `<text>` is always typeset RTL, independent on the current mode.
- ☞ `\@ensure@LTR` and `\@ensure@LR` internals make sure that `<text>` is always typeset LTR, independent on the current mode.
- ☞ `\@ensure@dir` and `\@ensure@maindir` if used in RTL mode, they put `<text>` inside `\RLE` and if used in LTR mode, they put the text as it is.

6.4 Reset Direction Macro

`\save@dir` `\saved@@dir` `\reset@dir`

- ☞ `\save@dir`, if the direction of typesetting is RTL, defines `\saved@@dir` to be RTL and if the direction of typesetting is LTR, defines `\saved@@dir` to be LTR.

☞ `\reset@dir`, if `\saved@@dir` is defined as RTL, inserts `\setRTL` otherwise,
if `\saved@@dir` is defined as LTR, inserts `\setLTR`, otherwise does nothing.

7 bidi implementation

7.1 amsart-xetex-bidi.def

```

1 \ProvidesFile{amsart-xetex-bidi.def}[2013/04/26 v0.8 bidi adaptations for amsart class for Xe
2 \def\tocline#1#2#3#4#5#6#7{\relax
3   \ifnum #1>\c@tocdepth % then omit
4   \else
5     \par \addpenalty\@secpenalty\addvspace{#2}%
6     \begingroup \hyphenpenalty\@M
7     \ifempty{#4}{%
8       \@tempdima\csname r@tocindent\number#1\endcsname\relax
9     }{%
10      \@tempdima#4\relax
11    }%
12    \parindent\z@ \ifRTL\righskip\else\leftskip\fi#3\relax \advance\ifRTL\righskip\else\l
13    \ifRTL\leftskip\else\righskip\fi\@pnumwidth plus4em \parfillskip-\@pnumwidth
14    #5\leavevmode\hskip-\@tempdima #6\nobreak\relax
15    \hfil\hbox to\@pnumwidth{\@tocpagenum{#7}}\par
16    \nobreak
17    \endgroup
18  \fi}
19 \renewcommand\thesubsection {\thesection\@SepMark\arabic{subsection}}
20 \renewcommand\thesubsubsection {\thesubsection \@SepMark\arabic{subsubsection}}
21 \renewcommand\theparagraph {\thesubsubsection\@SepMark\arabic{paragraph}}
22 \renewcommand\thesubparagraph {\theparagraph\@SepMark\arabic{subparagraph}}
23 \def\part{\@startsection{part}{0}%
24   \z@{\linespacing\@plus\linespacing}{.5\linespacing}%
25   {\normalfont\bfseries\ifRTL\raggedleft\else\raggedright\fi}}
26 \def\right@footnoterule{%
27   \hbox to \columnwidth
28   {\beginR \vbox{\kern-.4\p@
29     \hrule\@width 5pc\kern11\p@\kern-\footnotesep}\hfil\endR}}
30 \def\left@footnoterule{\kern-.4\p@
31   \hrule\@width 5pc\kern11\p@\kern-\footnotesep}
32
33
34 \long\def\@footnotetext#1{%
35   \insert\footins{%
36     \ifRTL@footnote\@RTLtrue\else\@RTLfalse\fi%
37     \normalfont\footnotesize
38     \interlinepenalty\interfootnotelinepenalty
39     \splittopskip\footnotesep \splitmaxdepth \dp\strutbox
40     \floatingpenalty\@MM \hsize\columnwidth
41     \@parboxrestore \parindent\normalparindent \sloppy
42     \protected@edef\@currentlabel{%

```

```

43     \csname p@footnote\endcsname\@thefnmark}%
44     \@makefntext{%
45         \rule\z@\footnotesep\ignorespaces#1\unskip\strut\par}}
46
47 \long\def\@RTLfootnotetext#1{%
48     \insert\footins{%
49         \@RTLtrue%
50         \normalfont\footnotesize
51         \interlinepenalty\interfootnotelinepenalty
52         \splittopskip\footnotesep \splitmaxdepth \dp\strutbox
53         \floatingpenalty\@MM \hsize\columnwidth
54         \@parboxrestore \parindent\normalparindent \sloppy
55         \protected@edef\@currentlabel{%
56             \csname p@footnote\endcsname\@thefnmark}%
57         \@makefntext{%
58             \rule\z@\footnotesep\ignorespaces#1\unskip\strut\par}}
59
60
61
62 \long\def\@LTRfootnotetext#1{%
63     \insert\footins{%
64         \@RTLfalse%
65         \normalfont\footnotesize
66         \interlinepenalty\interfootnotelinepenalty
67         \splittopskip\footnotesep \splitmaxdepth \dp\strutbox
68         \floatingpenalty\@MM \hsize\columnwidth
69         \@parboxrestore \parindent\normalparindent \sloppy
70         \protected@edef\@currentlabel{%
71             \csname p@footnote\endcsname\@thefnmark}%
72         \@makefntext{%
73             \rule\z@\footnotesep\ignorespaces#1\unskip\strut\par}}
74
75
76 \footdir@temp\footdir@ORG@bidi@amsart@footnotetext\@footnotetext{\bidi@footdir@footnote}%
77 \footdir@temp\footdir@ORG@bidi@amsart@RTLfootnotetext\@RTLfootnotetext{R}%
78 \footdir@temp\footdir@ORG@bidi@amsart@LTRfootnotetext\@LTRfootnotetext{L}%
79
80 \renewenvironment{thebibliography}[1]{%
81     \@bibtitlestyle
82     \normalfont\bibliofont\labelsep .5em\relax
83     \renewcommand\theenumiv{\arabic{enumiv}}\let\p@enumiv\@empty
84     \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
85     \list{\@biblabel{\theenumiv}}{\settowidth\labelwidth{\@biblabel{#1}}%
86         \leftmargin\labelwidth \advance\leftmargin\labelsep
87         \usecounter{enumiv}}%
88     \sloppy \clubpenalty\@M \widowpenalty\clubpenalty
89     \sfcode'\@m
90 }{%
91 \def\@noitemerr{\@latex@warning{Empty 'thebibliography' environment}}%
92 \endlist

```

```

93 }
94 \def\theindex{\@restonecoltrue\if@twocolumn\@restonecolfalse\fi
95 \columnseprule\z@ \columnsep 35\p@
96 \@indextitlestyle
97 \thispagestyle{plain}%
98 \let\item\@idxitem
99 \parindent\z@ \parskip\z@\@plus.3\p@\relax
100 \if@RTL\raggedleft\else\raggedright\fi
101 \hyphenpenalty\@M
102 \footnotesize}
103 \def\@idxitem{\par\hangindent \if@RTL-\fi2em}
104 \def\subitem{\par\hangindent \if@RTL-\fi2em\hspace*{1em}}
105 \def\subsubitem{\par\hangindent \if@RTL-\fi3em\hspace*{2em}}
106 \def\maketitle{\par
107 \topnum\z@ % this prevents figures from falling at the top of page 1
108 \setcopyright
109 \thispagestyle{firstpage}% this sets first page specifications
110 \uppercase\nonmath\shorttitle
111 \ifx\@empty\shortauthors \let\shortauthors\shorttitle
112 \else \andify\shortauthors
113 \fi
114 \@maketitle@hook
115 \begingroup
116 \@maketitle
117 \toks@{\exp\shortauthors}\@temptokena{\exp\shorttitle}%
118 \toks4{\def\{\ \ignorespaces}\}% defend against questionable usage
119 \edef\@tempa{%
120 \nx\markboth{\the\toks4
121 \nx\MakeUppercase{\the\toks@}}{\the\@temptokena}}%
122 \@tempa
123 \endgroup
124 \c@footnote\z@
125 \cleartopmattertags
126 }

```

7.2 amsbook-xetex-bidi.def

```

127 \ProvidesFile{amsbook-xetex-bidi.def}[2013/04/26 v0.9 bidi adaptations for amsbook class for
128 \def\@tocline#1#2#3#4#5#6#7{\relax
129 \ifnum #1>\c@tocdepth % then omit
130 \else
131 \par \addpenalty\@secpenalty\addvspace{#2}%
132 \begingroup \hyphenpenalty\@M
133 \ifempty{#4}{%
134 \tempdima\csname r@tocindent\number#1\endcsname\relax
135 }{%
136 \tempdima#4\relax
137 }%
138 \parindent\z@ \if@RTL\righskip\else\leftskip\fi#3\relax \advance\if@RTL\righskip\else\leftskip\fi#3\relax
139 \if@RTL\leftskip\else\righskip\fi\@pnumwidth plus4em \parfillskip-\@pnumwidth

```



```

140 #5\leavevmode\hskip-\@tempdima #6\nobreak\relax
141 \hfil\hbox to\@pnumwidth{\@tocpagenum{#7}}\par
142 \nobreak
143 \endgroup
144 \fi}
145 \renewcommand\thesubsection {\thesection\@SepMark\arabic{subsection}}
146 \renewcommand\thesubsubsection {\thesubsection \@SepMark\arabic{subsubsection}}
147 \renewcommand\theparagraph {\thesubsubsection\@SepMark\arabic{paragraph}}
148 \renewcommand\thesubparagraph {\theparagraph\@SepMark\arabic{subparagraph}}
149 \def\theindex{\@restonecoltrue\if@twocolumn\@restonecolfalse\fi
150 \columnseprule\z@ \columnsep 35\p@
151 \@indextitlestyle
152 \thispagestyle{plain}%
153 \let\item\@idxitem
154 \parindent\z@ \parskip\z@\@plus.3\p@\relax
155 \if@RTL\raggedleft\else\raggedright\fi
156 \hyphenpenalty\@M
157 \footnotesize}
158 \def\@idxitem{\par\hangindent \if@RTL-\fi2em}
159 \def\subitem{\par\hangindent \if@RTL-\fi2em\hspace*{1em}}
160 \def\subsubitem{\par\hangindent \if@RTL-\fi3em\hspace*{2em}}
161 \def\right@footnoterule{%
162 \hbox to \columnwidth
163 {\beginR \vbox{\kern-.4\p@
164 \hrule\@width 5pc\kern11\p@\kern-\footnotesep}\hfil\endR}}
165 \def\left@footnoterule{\kern-.4\p@
166 \hrule\@width 5pc\kern11\p@\kern-\footnotesep}
167
168 \long\def\@footnotetext#1{%
169 \insert\footins{%
170 \if@RTL\footnote\@RTLtrue\else\@RTLfalse\fi%
171 \normalfont\footnotesize
172 \interlinepenalty\interfootnotelinepenalty
173 \splittopskip\footnotesep \splitmaxdepth \dp\strutbox
174 \floatingpenalty\@MM \hsize\columnwidth
175 \@parboxrestore \parindent\normalparindent \sloppy
176 \protected@edef\@currentlabel{%
177 \csname p@footnote\endcsname\@thefnmark}%
178 \@makefnmark%
179 \rule\z@\footnotesep\ignorespaces#1\unskip\strut\par}}
180
181 \long\def\@RTLfootnotetext#1{%
182 \insert\footins{%
183 \@RTLtrue%
184 \normalfont\footnotesize
185 \interlinepenalty\interfootnotelinepenalty
186 \splittopskip\footnotesep \splitmaxdepth \dp\strutbox
187 \floatingpenalty\@MM \hsize\columnwidth
188 \@parboxrestore \parindent\normalparindent \sloppy
189 \protected@edef\@currentlabel{%

```

```

190     \csname p@footnote\endcsname\@thefnmark}%
191     \@makefnfntext{%
192         \rule\z@\footnotesep\ignorespaces#1\unskip\strut\par}}
193
194
195 \long\def\@LTRfootnotetext#1{%
196     \insert\footins{%
197         \@RTLfalse%
198         \normalfont\footnotesize
199         \interlinepenalty\interfootnotelinepenalty
200         \splittopskip\footnotesep \splitmaxdepth \dp\strutbox
201         \floatingpenalty\@MM \hsize\columnwidth
202         \@parboxrestore \parindent\normalparindent \sloppy
203         \protected@edef\@currentlabel{%
204             \csname p@footnote\endcsname\@thefnmark}%
205         \@makefnfntext{%
206             \rule\z@\footnotesep\ignorespaces#1\unskip\strut\par}}
207
208
209
210 \footdir@temp\footdir@ORG@bidi@amsbook@footnotetext\@footnotetext{\bidi@footdir@footnote}%
211 \footdir@temp\footdir@ORG@bidi@amsbook@RTLfootnotetext\@RTLfootnotetext{R}%
212 \footdir@temp\footdir@ORG@bidi@amsbook@LTRfootnotetext\@LTRfootnotetext{L}%
213
214 \renewenvironment{thebibliography}[1]{%
215     \@bibtitlestyle
216     \normalfont\bibliofont\labelsep .5em\relax
217     \renewcommand\theenumiv{\arabic{enumiv}}\let\p@enumiv\@empty
218     \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
219     \list{\@biblabel{\theenumiv}}{\settowidth\labelwidth{\@biblabel{#1}}%
220         \leftmargin\labelwidth \advance\leftmargin\labelsep
221         \usecounter{enumiv}}%
222     \sloppy \clubpenalty\@M \widowpenalty\clubpenalty
223     \sfcode'\.=\@m
224 }{%
225     \def\@noitemerr{\@latex@warning{Empty 'thebibliography' environment}}%
226     \endlist
227 }
228 \def\@makechapterhead#1{\global\topskip 7.5pc\relax
229     \begingroup
230     \fontsize{\@xivpt}{18}\bfseries\centering
231     \ifnum\c@secnumdepth>\m@ne
232         \leavevmode \hskip-\if@RTL\rightskip\else\leftskip\fi
233         \rlap{\vbox to\z@{\vss
234             \centerline{\normalsize\mdseries
235                 \uppercase\@xp{\chaptername}\enspace\thechapter}
236                 \vskip 3pc}}\hskip\if@RTL\rightskip\else\leftskip\fi\fi
237     #1\par \endgroup
238     \skip@34\p@ \advance\skip@-\normalbaselineskip
239     \vskip\skip@ }

```

```

240 \def\maketitle{\par
241   \@topnum\z@ % this prevents figures from falling at the top of page 1
242   \begingroup
243   \@maketitle
244   \endgroup
245   \c@footnote\z@
246   \def\do##1{\let##1\relax}%
247   \do\maketitle \do\@maketitle \do\title \do\@xtitle \do\@title
248   \do\author \do\@xauthor \do\address \do\@xaddress
249   \do\email \do\@xemail \do\curraddr \do\@xcurraddr
250   \do\dedicatory \do\@dedicatory \do\thanks \do\thankses
251   \do\keywords \do\@keywords \do\subjclass \do\@subjclass
252 }

```

7.3 amsmath-xetex-bidi.def

```

253 \ProvidesFile{amsmath-xetex-bidi.def}[2013/09/23 v0.8 bidi adaptations for amsmath package for XeTeX]
254 \let\veqno=\eqno
255 \iftagsleft@ \let\veqno=\leqno \fi
256 \renewcommand{\numberwithin}[3][\arabic]{%
257   \ifundefined{c@#2}{\@nocounterr{#2}}{%
258     \ifundefined{c@#3}{\@nocnterr{#3}}{%
259       \@addtoreset{#2}{#3}%
260       \exp\xdef\csname the#2\endcsname{%
261         \exp\@nx\csname the#3\endcsname \@nx\@SepMark\@nx#1{#2}}}%
262 }
263 \def\maketag@@@#1{\hbox{\m@th\normalfont\if@Latin\else\beginR\fi#1\if@Latin\else\endR\fi}}

```

7.4 amstext-xetex-bidi.def

```

264 \ProvidesFile{amstext-xetex-bidi.def}[2013/04/04 v0.1 bidi adaptations for amstext package for XeTeX]
265 \def\textdef@#1#2#3{\hbox{%
266   \everymath{#1}%
267   \let\f@size#2\selectfont
268   \if@Latin\else\beginR\fi#3\if@Latin\else\endR\fi}}}

```

7.5 amsthm-xetex-bidi.def

```

269 \ProvidesFile{amsthm-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for amsthm package for XeTeX]
270 \def\@thmcountersep{\@SepMark}

```

7.6 array-xetex-bidi.def

```

271 \ProvidesFile{array-xetex-bidi.def}[2010/08/01 v0.2b bidi adaptations for array package for XeTeX]
272 \def\@testpach{\@chclass
273   \ifnum \@lastchclass=6 \@ne \@cnum \@ne \else
274   \ifnum \@lastchclass=7 5 \else
275   \ifnum \@lastchclass=8 \tw@ \else
276   \ifnum \@lastchclass=9 \thr@@
277   \else \z@
278   \ifnum \@lastchclass = 10 \else
279   \edef\@nextchar{\expandafter\string\@nextchar}%
280   \@cnum

```

```

281 \if \@nextchar c\z@ \else
282 \if \@nextchar \if@RTLtab r\else l\fi\@ne \else
283 \if \@nextchar \if@RTLtab l\else r\fi\@tw@ \else
284 \z@ \@chclass
285 \if \@nextchar |\@ne \else
286 \if \@nextchar !6 \else
287 \if \@nextchar @7 \else
288 \if \@nextchar <8 \else
289 \if \@nextchar >9 \else
290 10
291 \@chnum
292 \if \@nextchar m\thr@@\else
293 \if \@nextchar p4 \else
294 \if \@nextchar b5 \else
295 \z@ \@chclass \z@ \@preamerr \z@ \fi \fi \fi \fi
296 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi
297 \def\@tabular{\if@RTL\@RTLtabtrue\fi%
298 \leavevmode
299 \hbox \bgroup\if@RTLtab\beginR \fi $\col@sep\tabcolsep \let\d@llarbegin\beginR
300 \let\d@llarend\endR
301 \@tabarray}
302 \def\endtabular{\endarray $\if@RTLtab\endR\fi\egroup\@RTLtabfalse}
303 \expandafter\let\csname endtabular*\endcsname=\endtabular
304 \def\@array[#1]#2{%
305 \@tempdima \ht \strutbox
306 \advance \@tempdima by\extrarowheight
307 \setbox \@arstrutbox \hbox{\vrule
308 \@height \arraystretch \@tempdima
309 \@depth \arraystretch \dp \strutbox
310 \@width \z@}%
311 \beginR
312 \mkpream{#2}%
313 \xdef\@preamble{\noexpand \ialign \@halignto
314 \bgroup \@arstrut \@preamble
315 \tabskip \z@ \cr}%
316 \endR
317 \@arrayleft
318 \if #1t\top \else \if#1b\bottom \else \vcenter \fi \fi
319 \bgroup
320 \let \@sharp ##\let \protect \relax
321 \lineskip \z@
322 \baselineskip \z@
323 \m@th
324 \let\\\@arraycr \let\tabularnewline\\\let\par\@empty \if@RTLtab\hbox\bgroup\beginR\bottom\bgroup
325 \def\@tabarray{\@ifnextchar[\@array]{\@array[c]}}
326 \def\endarray{\crrc \egroup\if@RTLtab\egroup\endR\egroup\fi \egroup \@arrayright \gdef\@pream
327 \def\array{\col@sep\arraycolsep
328 \def\d@llarbegin{$}\let\d@llarend\d@llarbegin\gdef\@halignto{}}%
329 \@RTLtabfalse\@tabarray}

```

7.7 article-xetex-bidi.def

```

330 \ProvidesFile{article-xetex-bidi.def}[2010/07/25 v0.4 bidi adaptations for standard article c
331 \if@titlepage
332   \renewcommand\maketitle{\begin{titlepage}%
333     \let\footnotesize\small
334     \let\right@footnoterule\relax
335     \let\left@footnoterule\relax
336     \let\textwidth@footnoterule\relax
337     \let \footnote \thanks
338     \let \LTRfootnote \LTRthanks
339     \let \RTLfootnote \RTLthanks
340     \null\vfil
341     \vskip 60\p@
342     \begin{center}%
343       {\LARGE \@title \par}%
344       \vskip 3em%
345       {\large
346         \lineskip .75em%
347         \begin{tabular}[t]{c}%
348           \@author
349         \end{tabular}\par}%
350       \vskip 1.5em%
351       {\large \@date \par}%           % Set date in \large size.
352     \end{center}\par
353     \@thanks
354     \vfil\null
355   \end{titlepage}%
356   \setcounter{footnote}{0}%
357   \global\let\thanks\relax
358   \global\let\LTRthanks\relax
359   \global\let\RTLthanks\relax
360   \global\let\maketitle\relax
361   \global\let\@thanks\@empty
362   \global\let\@author\@empty
363   \global\let\@date\@empty
364   \global\let\@title\@empty
365   \global\let\title\relax
366   \global\let\author\relax
367   \global\let\date\relax
368   \global\let\and\relax
369 }
370 \else
371 \renewcommand\maketitle{\par
372   \begingroup
373     \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
374     \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
375     \long\def\@makefntext##1{\parindent 1em\noindent
376       \hb@xt@1.8em{%
377         \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%

```

```

378 \if@twocolumn
379 \ifnum \col@number=\@ne
380 \maketitle
381 \else
382 \twocolumn[\maketitle]%
383 \fi
384 \else
385 \newpage
386 \global\@topnum\z@ % Prevents figures from going at top of page.
387 \maketitle
388 \fi
389 \thispagestyle{plain}\@thanks
390 \endgroup
391 \setcounter{footnote}{0}%
392 \global\let\thanks\relax
393 \global\let\LTRthanks\relax
394 \global\let\RTLthanks\relax
395 \global\let\maketitle\relax
396 \global\let\@maketitle\relax
397 \global\let\@thanks\@empty
398 \global\let\@author\@empty
399 \global\let\@date\@empty
400 \global\let\@title\@empty
401 \global\let\title\relax
402 \global\let\author\relax
403 \global\let\date\relax
404 \global\let\and\relax
405 }
406 \def\@maketitle{%
407 \newpage
408 \null
409 \vskip 2em%
410 \begin{center}%
411 \let \footnote \thanks
412 \let \LTRfootnote \LTRthanks
413 \let \RTLfootnote \RTLthanks
414 {\LARGE \@title \par}%
415 \vskip 1.5em%
416 {\large
417 \lineskip .5em%
418 \begin{tabular}[t]{c}%
419 \@author
420 \end{tabular}\par}%
421 \vskip 1em%
422 {\large \@date}%
423 \end{center}%
424 \par
425 \vskip 1.5em}
426 \fi
427 \renewcommand*\l@part[2]{%

```

```

428 \ifnum \c@tocdepth >-2\relax
429 \addpenalty\@secpenalty
430 \addvspace{2.25em \@plus\p@}%
431 \setlength\@tempdima{3em}%
432 \begingroup
433 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
434 \parfillskip -\@pnumwidth
435 {\leavevmode
436 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
437 \nobreak
438 \if@compatibility
439 \global\@nobreaktrue
440 \everypar{\global\@nobreakfalse\everypar{}}%
441 \fi
442 \endgroup
443 \fi}
444 \renewcommand*\l@section[2]{%
445 \ifnum \c@tocdepth >\z@
446 \addpenalty\@secpenalty
447 \addvspace{1.0em \@plus\p@}%
448 \setlength\@tempdima{1.5em}%
449 \begingroup
450 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
451 \parfillskip -\@pnumwidth
452 \leavevmode \bfseries
453 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
454 \hskip -\if@RTL\rightskip\else\leftskip\fi
455 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
456 \endgroup
457 \fi}
458 \renewcommand\left@footnoterule{%
459 \kern-3\p@
460 \hrule\@width.4\columnwidth
461 \kern2.6\p@}
462 \renewcommand\right@footnoterule{%
463 \hbox to \columnwidth
464 {\beginR \vbox{%
465 \kern-3\p@
466 \hrule\@width.4\columnwidth
467 \kern2.6\p@\hfil\endR}}
468 \renewcommand\thesubsection {\thesection\@SepMark\@arabic\c@subsection}
469 \renewcommand\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
470 \renewcommand\theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
471 \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}
472 \def\@part[#1]#2{%
473 \ifnum \c@secnumdepth >\m@ne
474 \refstepcounter{part}%
475 \addcontentsline{toc}{part}{\thepart\hspace{1em}#1}%
476 \else
477 \addcontentsline{toc}{part}{#1}%

```

```

478 \fi
479 {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
480 \interlinepenalty \@M
481 \normalfont
482 \ifnum \c@secnumdepth >\m@ne
483 \Large\bfseries \partname\nobreakspace\thepart
484 \par\nobreak
485 \fi
486 \huge \bfseries #2%
487 \markboth{}{}\par}%
488 \nobreak
489 \vskip 3ex
490 \@afterheading}
491 \renewenvironment{thebibliography}[1]
492 {\section*{\refname}%
493 \mkboth{\MakeUppercase\refname}{\MakeUppercase\refname}%
494 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
495 \list{\@biblabel{\@arabic\c@enumiv}}%
496 {\settowidth\labelwidth{\@biblabel{#1}}%
497 \leftmargin\labelwidth
498 \advance\leftmargin\labelsep
499 \@openbib@code
500 \usecounter{enumiv}%
501 \let\p@enumiv\@empty
502 \renewcommand\theenumiv{\@arabic\c@enumiv}}%
503 \sloppy
504 \clubpenalty4000
505 \@clubpenalty \clubpenalty
506 \widowpenalty4000%
507 \sfcode'\. \@m}
508 {\def\@noitemerr
509 {\@latex@warning{Empty 'thebibliography' environment}}%
510 \endlist}
511 \renewenvironment{theindex}
512 {\if@twocolumn
513 \restonecolfalse
514 \else
515 \restonecoltrue
516 \fi
517 \columnseprule \z@
518 \columnsep 35\p@
519 \twocolumn[\section*{\indexname}]%
520 \mkboth{\MakeUppercase\indexname}%
521 {\MakeUppercase\indexname}%
522 \thispagestyle{plain}\parindent\z@
523 \parskip\z@ \@plus .3\p@\relax
524 \let\item\@idxitem}
525 {\if@restonecol\onecolumn\else\clearpage\fi}

```


7.8 artikel1-xetex-bidi.def

```

526 \ProvidesFile{artikel1-xetex-bidi.def}[2011/08/26 v0.2 bidi adaptations for artikel1 class fo
527 \renewenvironment{theindex}{%
528   \if@twocolumn
529     \@restonecolfalse
530   \else
531     \@restonecoltrue
532   \fi
533   \columnseprule \z@
534   \columnsep 35\p@
535   \twocolumn[\section*{\indexname}]{%
536     \@mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}}%
537   \thispagestyle{plain}\parindent\z@
538   \parskip\z@ \@plus .3\p@\relax
539   \let\item\@idxitem
540 }{%
541   \if@restonecol\onecolumn\else\clearpage\fi}
542 \renewcommand*{\headstyle}{%
543   \interlinepenalty \@M
544   \hyphenpenalty=\@M \exhyphenpenalty=\@M
545   \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}
546 \if@titlepage
547   \renewenvironment{abstract}{%
548     \titlepage
549     \null\vfil
550     \section*{\SectFont\abstractname}
551     \noindent\ignorespaces}
552   {\par\vfil\null\endtitlepage}
553 \else
554   \renewenvironment{abstract}{%
555     \if@twocolumn
556       \section*{\abstractname}%
557     \else
558       \bgroup\if@RTL\leftskip\else\rightskip\fi=\unitindent
559       \section*{\small\SectFont\abstractname}%
560       \noindent\ignorespaces
561     \fi}
562   {\if@twocolumn\else\par\egroup\fi}
563 \fi
564 \renewcommand*{\regtocline}[3]{%
565   \ifnum #1>\c@tocdepth
566   \else
567     \vskip\z@\@plus.2\p@
568     {\hangindent\z@ \@afterindenttrue \interlinepenalty\@M
569     \if@RTL\rightskip\else\leftskip\fi\unitindent
570     \if@RTL\leftskip\else\rightskip\fi\unitindent\@plus 1fil
571     \parfillskip\z@
572     \@tempdima\unitindent
573     \parindent\z@

```

```

574 \leavevmode
575 \hbox{}\hskip -\if@RTL\rightskip\else\leftskip\fi\relax#2\nobreak
576 \hskip 1em \nobreak{\slshape #3}\par
577 }%
578 \fi}
579 \if@oldtoc
580 \renewcommand*\l@part[2]{%
581 \ifnum \c@tocdepth >-2\relax
582 \addpenalty\@secpenalty
583 \addvspace{2.25em \@plus\p@}%
584 \begingroup
585 \setlength\@tempdima{3em}%
586 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
587 \parfillskip -\@pnumwidth
588 {\leavevmode
589 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
590 \nobreak
591 \if@compatibility
592 \global\@nobreaktrue
593 \everypar{\global\@nobreakfalse\everypar{}}%
594 \fi
595 \endgroup
596 \fi}
597 \else
598 \renewcommand*\l@part{%
599 \ifnum \c@tocdepth >-2\relax
600 \addpenalty\@secpenalty
601 \addvspace{2.25em \@plus \p@}%
602 \@regtocline{0}%
603 \fi}
604 \fi
605 \if@oldtoc
606 \renewcommand*\l@section[2]{%
607 \addpenalty\@secpenalty
608 \addvspace{1.0em \@plus\p@}%
609 \setlength\@tempdima{1.5em}%
610 \begingroup
611 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
612 \parfillskip -\@pnumwidth
613 \leavevmode \bfseries
614 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
615 \hskip -\if@RTL\rightskip\else\leftskip\fi
616 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
617 \endgroup}
618 \else
619 \renewcommand*\l@section{\@regtocline{1}}
620 \fi
621 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@subsection}
622 \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
623 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}

```

```

624 \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic\c@subparagraph}
625 \renewenvironment{thebibliography}[1]
626     {\section*\refname}%
627     \@mkboth{\MakeUppercase\refname}{\MakeUppercase\refname}%
628     \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
629     \list{\@biblabel{\@arabic\c@enumiv}}%
630         {\settowidth\labelwidth{\@biblabel{#1}}%
631         \leftmargin\labelwidth
632         \advance\leftmargin\labelsep
633         \@openbib@code
634         \usecounter{enumiv}%
635         \let\p@enumiv\@empty
636         \renewcommand*\theenumiv{\@arabic\c@enumiv}}%
637     \sloppy\clubpenalty4000\widowpenalty4000%
638     \sfcode'\.\@m}
639 {\def\@noitemerr
640     {\@latex@warning{Empty 'thebibliography' environment}}%
641     \endlist}
642 \renewcommand*\left@footnoterule{%
643     \kern-3\p@
644     \kern.5\baselineskip
645     \hrule\@width\unitindent
646     \kern.4\baselineskip
647 }
648 \renewcommand*\right@footnoterule{%
649     \hbox to \columnwidth
650     {\beginR \vbox{%
651         \kern-3\p@
652         \kern.5\baselineskip
653         \hrule\@width\unitindent
654         \kern.4\baselineskip}\hfil\endR}
655 }
656 \if@titlepage
657 \renewcommand*\TitleFont{\rmfamily}
658 \renewcommand*\maketitle{%
659     \begin{titlepage}%
660         \let\footnotesize\small
661         \let\right@footnoterule\relax
662         \let\left@footnoterule\relax
663         \let\textwidth\footnoterule\relax
664         \let \footnote \thanks
665         \long\def\@makefnmark{\parindent\z@
666             \def\labelitemi{\textendash}\@revlabeltrue
667             \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
668         \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
669         \if@compatibility\setcounter{page}{0}\fi
670         \null\vfil
671         \vskip 60\p@
672         \begin{center}%
673             \TitleFont

```

```

674      {\LARGE \def\{\penalty -\@M}
675      \if@allcaps
676      \expandafter\uc@nothanks\@title\thanks\relax
677      \else
678      \@title
679      \fi\par}%
680      \vskip 3em%
681      {\large
682      \lineskip .75em \parindent\z@
683      \begin{tabular}[t]{c}%
684      \if@allcaps
685      \expandafter\uc@authornothanks\@author\and\relax
686      \else
687      \@author
688      \fi
689      \end{tabular}\par}%
690      \vskip 1.5em%
691      {\large
692      \if@allcaps
693      \uppercase\expandafter{\@date}%
694      \else
695      \@date
696      \fi\par}%
697      \end{center}\par
698      \@thanks
699      \vfil\null
700 \end{titlepage}%
701 \setcounter{footnote}{0}%
702 \global\let\thanks\relax
703 \global\let\maketitle\relax
704 \global\let\@thanks\@empty
705 \global\let\@author\@empty
706 \global\let\@title\@empty
707 \global\let\@date\@empty
708 \global\let\title\relax
709 \global\let\author\relax
710 \global\let\date\relax
711 \global\let\and\relax
712 }
713 \def\uc@nothanks#1\thanks{\uppercase{#1}\futurelet\@tempa\uc@tx}
714 \def\uc@authornothanks#1\and{\uc@nothanks#1\thanks\relax
715   \futurelet\@tempa\uc@ax}
716 \def\uc@ax{%
717   \ifx\@tempa\relax
718   \else
719   \\\andname \\\ \expandafter\uc@authornothanks
720   \fi}
721 \def\uc@tx{\ifx\@tempa\relax
722   \else \expandafter\uc@ty \fi}
723 \def\uc@ty#1{\thanks{#1}\uc@nothanks}

```

```

724 \else
725 \renewcommand*\maketitle{\par
726 \begin{group}
727 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
728 \def\@makefnmark{\rlap{%
729 \textsuperscript{\normalfont\@thefnmark}}}%
730 \long\def\@makefntext{\@xmakefntext{%
731 \textsuperscript{\normalfont\@thefnmark}}}%
732 \if@twocolumn
733 \ifnum \col@number=\@ne
734 \maketitle
735 \else
736 \twocolumn[\maketitle]%
737 \fi
738 \else
739 \newpage
740 \global\@topnum\z@
741 \maketitle
742 \fi
743 \thispagestyle{plain}\@thanks
744 \end{group}
745 \setcounter{footnote}{0}%
746 \global\let\thanks\relax
747 \global\let\maketitle\relax
748 \global\let\@maketitle\relax
749 \global\let\@thanks\@empty
750 \global\let\@author\@empty
751 \global\let\@title\@empty
752 \global\let\@date\@empty
753 \global\let\title\relax
754 \global\let\author\relax
755 \global\let\date\relax
756 \global\let\and\relax
757 }
758 \def\@maketitle{%
759 \newpage
760 \null
761 \vskip 2em%
762 \begin{center}%
763 \let \footnote \thanks
764 {\LARGE \TitleFont \@title \par}%
765 \vskip 1.5em%
766 {\large \TitleFont
767 \lineskip .5em%
768 \begin{tabular}[t]{c}%
769 \@author
770 \end{tabular}\par}%
771 \vskip 1em%
772 {\large \TitleFont \@date}%
773 \end{center}%

```

```

774 \par
775 \vskip 1.5em}
776 \fi

```

7.9 artikel2-xetex-bidi.def

```

777 \ProvidesFile{artikel2-xetex-bidi.def}[2011/08/26 v0.2 bidi adaptations for artikel2 class fo
778 \renewenvironment{theindex}{%
779 \if@twocolumn
780 \@restonecolfalse
781 \else
782 \@restonecoltrue
783 \fi
784 \columnseprule \z@
785 \columnsep 35\p@
786 \twocolumn[section*{\indexname}]{%
787 \mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}}%
788 \thispagestyle{plain}\parindent\z@
789 \parskip\z@ \@plus .3\p@\relax
790 \let\item\@idxitem
791 }{%
792 \if@restonecol\onecolumn\else\clearpage\fi}
793 \renewcommand*\@regtocline[3]{%
794 \ifnum #1>\c@tocdepth
795 \else
796 \vskip\z@ \@plus.2\p@
797 {\hangindent\z@ \@afterindenttrue \interlinepenalty\@M
798 \if@RTL\righskip\else\leftskip\fi\unitindent
799 \if@RTL\leftskip\else\righskip\fi\unitindent\@plus 1fil
800 \parfillskip\z@
801 \@tempdima\unitindent
802 \advance\@tempdima by \othermargin
803 \parindent\z@
804 \leavevmode
805 \hbox{}\hskip -\if@RTL\righskip\else\leftskip\fi\relax#2\nobreak
806 \hskip 1em \nobreak{\slshape #3}\par
807 }%
808 \fi}
809 \if@oldtoc
810 \renewcommand*\l@section[2]{%
811 \addpenalty\@secpenalty
812 \addvspace{1.0em \@plus\p@}%
813 \setlength\@tempdima{1.5em}%
814 \begingroup
815 \parindent \z@ \if@RTL\leftskip\else\righskip\fi \@pnumwidth
816 \parfillskip -\@pnumwidth
817 \leavevmode \bfseries
818 \advance\if@RTL\righskip\else\leftskip\fi\@tempdima
819 \hskip -\if@RTL\righskip\else\leftskip\fi
820 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par

```

```

821 \endgroup}
822 \else
823 \renewcommand*\l@section{\@regtocline{1}}
824 \fi
825 \if@oldtoc
826 \renewcommand*\l@part[2]{%
827 \ifnum \c@tocdepth >-2\relax
828 \addpenalty\@secpenalty
829 \addvspace{2.25em \@plus\p@}%
830 \begingroup
831 \setlength\@tempdima{3em}%
832 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
833 \parfillskip -\@pnumwidth
834 {\leavevmode
835 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
836 \nobreak
837 \if@compatibility
838 \global\@nobreaktrue
839 \everypar{\global\@nobreakfalse\everypar{}}%
840 \fi
841 \endgroup
842 \fi}
843 \else
844 \renewcommand*\l@part{%
845 \ifnum \c@tocdepth >-2\relax
846 \addpenalty\@secpenalty
847 \addvspace{2.25em \@plus \p@}%
848 \@regtocline{0}%
849 \fi}
850 \fi
851 \renewcommand*\head@style{%
852 \interlinepenalty \@M
853 \hyphenpenalty=\@M \exhyphenpenalty=\@M
854 \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}
855 \if@titlepage
856 \renewenvironment{abstract}{%
857 \titlepage
858 \null\vfil
859 \section*{\SectFont\abstractname}%
860 \noindent\ignorespaces}
861 {\par\vfil\null\endtitlepage}
862 \else
863 \renewenvironment{abstract}{%
864 \if@twocolumn
865 \section*{\abstractname}%
866 \else
867 \section*{\hskip\unitindent\small\SectFont\abstractname}%
868 \list{}{\setlength\listparindent{\unitindent}%
869 \setlength\parindent {\z@}%
870 \setlength\leftmargin {\unitindent}%

```

```

871             \setlength\rightmargin {\unitindent}%
872             \setlength\parsep      {\z@}}%
873         \item[]%
874     \fi}
875     {\if@twocolumn\else\par\endlist\fi}
876 \fi
877 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@subsection}
878 \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
879 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
880 \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic\c@subparagraph}
881 \renewcommand*\left@footnoterule{%
882     \kern-3\p@
883     \hrule\@width 3\unitindent
884     \kern 2.6\p@
885 }
886 \renewcommand*\right@footnoterule{%
887     \hbox to \columnwidth
888     {\beginR \vbox{%
889         \kern-3\p@
890         \hrule\@width 3\unitindent
891         \kern 2.6\p@}\hfil\endR}
892 }
893 \renewenvironment{thebibliography}[1]
894     {\section*{\refname}%
895      \@mkboth{\MakeUppercase\refname}{\MakeUppercase\refname}%
896      \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
897      \list{\@biblabel{\@arabic\c@enumiv}}%
898          {\settowidth\labelwidth{\@biblabel{#1}}%
899           \leftmargin\labelwidth
900           \advance\leftmargin\labelsep
901           \@openbib@code
902           \usecounter{enumiv}%
903           \let\p@enumiv\@empty
904           \renewcommand*\theenumiv{\@arabic\c@enumiv}}%
905      \sloppy\clubpenalty4000\widowpenalty4000%
906      \sfcode'\.\@m
907      {\def\@noitemerr
908       {\@latex@warning{Empty 'thebibliography' environment}}}%
909      \endlist}
910 \if@titlepage
911 \renewcommand*\TitleFont{\rmfamily}
912 \renewcommand*\maketitle{%
913     \begin{titlepage}%
914         \let\footnotesize\small
915         \let\right@footnoterule\relax
916         \let\left@footnoterule\relax
917         \let\textwidth\footnoterule\relax
918         \let \footnote \thanks
919         \long\def\@makefntext##1{\parindent\z@
920             \def\labelitemi{\textendash}\@revlabeltrue

```



```

921         \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
922 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
923 \if@compatibility\setcounter{page}{0}\fi
924 \null\vfil
925 \vskip 60\p@
926 \begin{center}%
927   \TitleFont
928   {\LARGE \def\\{\penalty -\@M}
929     \if@allcaps
930       \expandafter\uc@nothanks\@title\thanks\relax
931     \else
932       \@title
933       \fi\par}%
934   \vskip 3em%
935   {\large
936     \lineskip .75em \parindent\z@
937     \begin{tabular}[t]{c}%
938       \if@allcaps
939         \expandafter\uc@authornothanks\@author\and\relax
940       \else
941         \@author
942       \fi
943     \end{tabular}\par}%
944   \vskip 1.5em%
945   {\large
946     \if@allcaps
947       \uppercase\expandafter{\@date}%
948     \else
949       \@date
950     \fi\par}%
951   \end{center}\par
952   \@thanks
953   \vfil\null
954 \end{titlepage}%
955 \setcounter{footnote}{0}%
956 \global\let\thanks\relax
957 \global\let\maketitle\relax
958 \global\let\@thanks\@empty
959 \global\let\@author\@empty
960 \global\let\@title\@empty
961 \global\let\@date\@empty
962 \global\let\title\relax
963 \global\let\author\relax
964 \global\let\date\relax
965 \global\let\and\relax
966 }
967 \def\uc@nothanks#1\thanks{\uppercase{#1}\futurelet\@tempa\uc@tx}
968 \def\uc@authornothanks#1\and{\uc@nothanks#1\thanks\relax
969   \futurelet\@tempa\uc@ax}
970 \def\uc@ax{%

```

```

971 \ifx\@tempa\relax
972 \else
973 \\\andname \\\expandafter\uc@authornothanks
974 \fi}
975 \def\uc@tx{\ifx\@tempa\relax
976 \else \expandafter\uc@ty \fi}
977 \def\uc@ty#1{\thanks{#1}\uc@nothanks}
978 \else
979 \renewcommand*\maketitle{\par
980 \begingroup
981 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
982 \long\def\@makefntext##1{\parindent\z@
983 \def\labelitemi{\textendash}%
984 \leavevmode\hb@xt@.5\unitindent{%
985 \@textsuperscript{\normalfont\@thefnmark}\hfil}##1}
986 \if@twocolumn
987 \ifnum \col@number=\@ne
988 \@maketitle
989 \else
990 \twocolumn[\@maketitle]%
991 \fi
992 \else
993 \newpage
994 \global\@topnum\z@
995 \@maketitle
996 \fi
997 \thispagestyle{plain}\@thanks
998 \endgroup
999 \setcounter{footnote}{0}%
1000 \global\let\thanks\relax
1001 \global\let\maketitle\relax
1002 \global\let\@maketitle\relax
1003 \global\let\@thanks\@empty
1004 \global\let\@author\@empty
1005 \global\let\@title\@empty
1006 \global\let\@date\@empty
1007 \global\let\title\relax
1008 \global\let\author\relax
1009 \global\let\date\relax
1010 \global\let\and\relax
1011 }
1012 \def\@maketitle{%
1013 \newpage
1014 \null
1015 \vskip 2em%
1016 \begin{center}%
1017 \let \footnote \thanks
1018 {\LARGE \TitleFont \@title \par}%
1019 \vskip 1.5em%
1020 {\large \TitleFont

```

```

1021      \lineskip .5em%
1022      \begin{tabular}[t]{c}%
1023        \@author
1024      \end{tabular}\par}%
1025      \vskip 1em%
1026      {\large \TitleFont \@date}%
1027    \end{center}%
1028    \par
1029    \vskip 1.5em}
1030 \fi

```

7.10 artikel3-xetex-bidi.def

```

1031 \ProvidesFile{artikel3-xetex-bidi.def}[2011/08/26 v0.3 bidi adaptations for artikel3 class fo
1032 \renewenvironment{theindex}{%
1033   \if@twocolumn
1034     \@restonecolfalse
1035   \else
1036     \@restonecoltrue
1037   \fi
1038   \columnseprule \z@
1039   \columnsep 35\p@
1040   \twocolumn[\section*{\indexname}]{%
1041     \@mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}}%
1042   \thispagestyle{plain}\parindent\z@
1043   \parskip\z@ \@plus .3\p@\relax
1044   \let\item\@idxitem
1045   }{%
1046     \if@restonecol\onecolumn\else\clearpage\fi}
1047 \renewcommand*{head@style}{%
1048   \interlinepenalty \@M
1049   \hyphenpenalty=\@M \exhyphenpenalty=\@M
1050   \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}
1051 \renewcommand*{@regtocline[3]}{%
1052   \ifnum #1>\c@tocdepth
1053   \else
1054     \vskip\z@\@plus.2\p@
1055     {\hangindent\z@ \@afterindenttrue \interlinepenalty\@M
1056     \if@RTL\rightskip\else\leftskip\fi\unitindent
1057     \if@RTL\leftskip\else\rightskip\fi\unitindent\@plus 1fil
1058     \parfillskip\z@
1059     \@tempdima\unitindent
1060     \parindent\z@
1061     \leavevmode
1062     \hbox{} \hskip -\if@RTL\rightskip\else\leftskip\fi\relax#2\nobreak
1063     \hskip 1em \nobreak{\slshape #3}\par
1064   }%
1065   \fi}
1066 \if@oldtoc
1067 \renewcommand*{l@part[2]}{%

```

```

1068 \ifnum \c@tocdepth >-2\relax
1069 \addpenalty\@secpenalty
1070 \addvspace{2.25em \@plus\p@}%
1071 \begingroup
1072 \setlength\@tempdima{3em}%
1073 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
1074 \parfillskip -\@pnumwidth
1075 {\leavevmode
1076 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
1077 \nobreak
1078 \if@compatibility
1079 \global\@nobreaktrue
1080 \everypar{\global\@nobreakfalse\everypar{}}%
1081 \fi
1082 \endgroup
1083 \fi}
1084 \else
1085 \renewcommand*\l@part{%
1086 \ifnum \c@tocdepth >-2\relax
1087 \addpenalty\@secpenalty
1088 \addvspace{2.25em \@plus \p@}%
1089 \@regtocline{0}%
1090 \fi}
1091 \fi
1092
1093 \if@oldtoc
1094 \renewcommand*\l@section[2]{%
1095 \addpenalty\@secpenalty
1096 \addvspace{1.0em \@plus\p@}%
1097 \setlength\@tempdima{1.5em}%
1098 \begingroup
1099 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
1100 \parfillskip -\@pnumwidth
1101 \leavevmode \bfseries
1102 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
1103 \hskip -\if@RTL\rightskip\else\leftskip\fi
1104 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
1105 \endgroup}
1106 \else
1107 \renewcommand*\l@section{\@regtocline{1}}
1108 \fi
1109 \if@titlepage
1110 \renewenvironment{abstract}{%
1111 \titlepage
1112 \null\vfil
1113 \section*{\SectFont\abstractname}%
1114 \noindent\ignorespaces}
1115 {\par\vfil\null\endtitlepage}
1116 \else
1117 \renewenvironment{abstract}{%

```

```

1118     \if@twocolumn
1119         \section*{\abstractname}%
1120     \else
1121         \bgroup\if@RTL\leftskip\else\rightskip\fi=\unitindent
1122         \section*{\small\SectFont\abstractname}%
1123         \noindent\ignorespaces
1124     \fi}
1125     {\if@twocolumn\else\par\egroup\fi}
1126 \fi
1127 \renewcommand*\left@footnoterule{%
1128     \kern-3\p@
1129     \kern.5\baselineskip
1130     \hrule\@width\unitindent
1131     \kern.4\baselineskip
1132 }
1133 \renewcommand*\right@footnoterule{%
1134     \hbox to \columnwidth
1135     {\beginR \vbox{%
1136         \kern-3\p@
1137         \kern.5\baselineskip
1138         \hrule\@width\unitindent
1139         \kern.4\baselineskip}\hfil\endR}
1140 }
1141 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@subsection}
1142 \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
1143 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
1144 \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic\c@subparagraph}
1145 \renewenvironment{thebibliography}[1]
1146     {\section*{\refname}%
1147         \mkboth{\MakeUppercase\refname}{\MakeUppercase\refname}%
1148         \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
1149         \list{\@biblabel{\@arabic\c@enumiv}}%
1150             {\settowidth\labelwidth{\@biblabel{#1}}%
1151             \leftmargin\labelwidth
1152             \advance\leftmargin\labelsep
1153             \openbib@code
1154             \usecounter{enumiv}%
1155             \let\p@enumiv\@empty
1156             \renewcommand*\theenumiv{\@arabic\c@enumiv}}%
1157         \sloppy\clubpenalty4000\widowpenalty4000%
1158         \sfcode'\.\@m}
1159     {\def\@noitemerr
1160         {\@latex@warning{Empty 'thebibliography' environment}}%
1161         \endlist}
1162 \if@titlepage
1163 \renewcommand*\TitleFont{\rmfamily}
1164 \renewcommand*\maketitle{%
1165     \begin{titlepage}%
1166         \let\footnotesize\small
1167         \let\right@footnoterule\relax

```

```

1168 \let\left@footnoterule\relax
1169 \let\textwidth@footnoterule\relax
1170 \let \footnote \thanks
1171 \long\def\@makefntext##1{\parindent\z@
1172     \def\labelitemi{\textendash}\@revlabeltrue
1173     \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
1174 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
1175 \if@compatibility\setcounter{page}{0}\fi
1176 \null\vfil
1177 \vskip 60\p@
1178 \begin{center}%
1179     \TitleFont
1180     {\LARGE \def\\{\penalty -\@M}
1181         \if@allcaps
1182             \expandafter\uc@nothanks\@title\thanks\relax
1183         \else
1184             \@title
1185         \fi\par}%
1186 \vskip 3em%
1187 {\large
1188     \lineskip .75em \parindent\z@
1189     \begin{tabular}[t]{c}%
1190         \if@allcaps
1191             \expandafter\uc@authornothanks\@author\and\relax
1192         \else
1193             \@author
1194         \fi
1195     \end{tabular}\par}%
1196 \vskip 1.5em%
1197 {\large
1198     \if@allcaps
1199         \uppercase\expandafter{\@date}%
1200     \else
1201         \@date
1202     \fi\par}%
1203 \end{center}\par
1204 \@thanks
1205 \vfil\null
1206 \end{titlepage}%
1207 \setcounter{footnote}{0}%
1208 \global\let\thanks\relax
1209 \global\let\maketitle\relax
1210 \global\let\@thanks\@empty
1211 \global\let\@author\@empty
1212 \global\let\@title\@empty
1213 \global\let\@date\@empty
1214 \global\let\title\relax
1215 \global\let\author\relax
1216 \global\let\date\relax
1217 \global\let\and\relax

```

```

1218 }
1219 \def\uc@nothanks#1\thanks{\uppercase{#1}\futurelet\@tempa\uc@tx}
1220 \def\uc@authornothanks#1\and{\uc@nothanks#1\thanks\relax
1221     \futurelet\@tempa\uc@ax}
1222 \def\uc@ax{%
1223     \ifx\@tempa\relax
1224     \else
1225         \ \andname \ \expandafter\uc@authornothanks
1226     \fi}
1227 \def\uc@tx{\ifx\@tempa\relax
1228     \else \expandafter\uc@ty \fi}
1229 \def\uc@ty#1{\thanks{#1}\uc@nothanks}
1230 \else
1231 \renewcommand*\maketitle{\par
1232     \begingroup
1233     \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
1234     \def\@makefnmark{\rlap{%
1235         \@textsuperscript{\normalfont\@thefnmark}}}%
1236     \long\def\@makefntext{\@xmakefntext{%
1237         \@textsuperscript{\normalfont\@thefnmark}}}%
1238     \if@twocolumn
1239         \ifnum \col@number=\@ne
1240             \@maketitle
1241         \else
1242             \twocolumn[\@maketitle]%
1243         \fi
1244     \else
1245         \newpage
1246         \global\@topnum\z@
1247         \@maketitle
1248     \fi
1249     \thispagestyle{plain}\@thanks
1250 \endgroup
1251 \setcounter{footnote}{0}%
1252 \global\let\thanks\relax
1253 \global\let\maketitle\relax
1254 \global\let\@maketitle\relax
1255 \global\let\@thanks\@empty
1256 \global\let\@author\@empty
1257 \global\let\@title\@empty
1258 \global\let\@date\@empty
1259 \global\let\title\relax
1260 \global\let\author\relax
1261 \global\let\date\relax
1262 \global\let\and\relax
1263 }
1264 \def\@maketitle{%
1265     \newpage
1266     \null
1267     \vskip 2em%

```

```

1268 \if@titlecentered
1269   \begin{center}%
1270     \let \footnote \thanks
1271     {\LARGE \TitleFont \@title \par}%
1272     \vskip 1.5em%
1273     {\large \TitleFont
1274       \lineskip .5em%
1275       \begin{tabular}[t]{c}%
1276         \@author
1277       \end{tabular}\par}%
1278     \vskip 1em%
1279     {\large \TitleFont \@date}%
1280   \end{center}%
1281 \else
1282   {\LARGE \TitleFont \head@style \@title \par} \vskip 1.5em
1283   {\large \TitleFont \lineskip .5em \tabcolsep\z@
1284     \def\and{%% \begin{tabular} has already started
1285       \end{tabular}\hskip 1em plus .17fil
1286       \if@RTL\begin{tabular}[t]{r}\else\begin{tabular}[t]{l}\fi}% \end{tabular}
1287       \if@RTL\begin{tabular}[t]{r}\else\begin{tabular}[t]{l}\fi\@author\end{tabular}\p
1288     \vskip 1em {\large \TitleFont \@date}
1289 \fi
1290 \par
1291 \vskip 1.5em}
1292 \fi

```

7.11 arydshln-xetex-bidi.def

```

1293 \ProvidesFile{arydshln-xetex-bidi.def}[2010/08/01 v0.2 bidi adaptations for arydshln package]
1294 \def\endarray{\adl@endarray \egroup \adl@arrayrestore \if@RTLtab\egroup\endR\egroup\fi\egroup}
1295 \def\endtabular{\endarray $\if@RTLtab\endR\fi\egroup\@RTLtabfalse}
1296 \expandafter\let\csname endtabular*\endcsname\endtabular
1297 \let\adl@array\@array
1298 \def\@array{\adl@everyvbox\everyvbox
1299   \everyvbox{\adl@arrayinit \the\adl@everyvbox \everyvbox\adl@everyvbox}%
1300   \ifadl@inactive \adl@inactivate \else \adl@activate \fi
1301   \let\adl@noalign\noalign
1302   \adl@array}
1303 \ifadl@usingarypkg
1304 \def\@testpach{\@chclass
1305   \ifnum \@lastchclass=6 \@ne \@chnum \@ne \else
1306   \ifnum \@lastchclass=7 5 \else
1307   \ifnum \@lastchclass=8 \tw@ \else
1308   \ifnum \@lastchclass=9 \thr@@
1309   \else \z@
1310   \ifnum \@lastchclass = 10 \else
1311   \edef\@nextchar{\expandafter\string\@nextchar}%
1312   \@chnum
1313   \if \@nextchar c\z@ \else
1314   \if \@nextchar \if@RTLtab r\else l\fi\@ne \else

```



```

1315     \if \@nextchar \if@RTLtab l\else r\fi\tw@ \else
1316     \z@ \@chclass
1317     \if \@nextchar |\@ne \let\@arrayrule\adl@arrayrule \else
1318     \if \@nextchar : \@ne \let\@arrayrule\adl@arraydashrule \else
1319     \if \@nextchar ; \@ne \let\@arrayrule\adl@argarraydashrule \else
1320     \if \@nextchar !6 \else
1321     \if \@nextchar @7 \else
1322     \if \@nextchar <8 \else
1323     \if \@nextchar >9 \else
1324     10
1325     \@chnum
1326     \if \@nextchar m\thr@@\else
1327     \if \@nextchar p4 \else
1328     \if \@nextchar b5 \else
1329     \z@ \@chclass \z@ \@preamerr \z@ \fi \fi \fi \fi \fi \fi
1330     \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi
1331
1332 \def\@classz{\@classx
1333     \@tempcnta \count@
1334     \prepnext@tok
1335     \@addtopreamble{\ifcase \@chnum
1336         \hfil
1337         \adl@putlrc{\d@llarbegin \insert@column \d@llarend}\hfil \or
1338         \hskip1sp\adl@putlrc{\d@llarbegin \insert@column \d@llarend}\hfil \or
1339         \hfil\hskip1sp\adl@putlrc{\d@llarbegin \insert@column \d@llarend}\or
1340         \setbox\adl@box\hbox \adl@startmbox{\@nextchar}\insert@column
1341         \adl@endmbox\or
1342         \setbox\adl@box\vtop \@startpbox{\@nextchar}\insert@column \@endpbox \or
1343         \setbox\adl@box\vbox \@startpbox{\@nextchar}\insert@column \@endpbox
1344     \fi}\prepnext@tok}
1345 \def\adl@class@start{4}
1346 \def\adl@class@iiiorvii{7}
1347
1348 \else
1349 \def\@testpach#1{\@chclass \ifnum \@lastchclass=\tw@ 4\relax \else
1350     \ifnum \@lastchclass=\thr@@ 5\relax \else
1351     \z@ \if #1c\@chnum \z@ \else
1352         \if \if@RTLtab#1r\else#1l\fi\@chnum \@ne \else
1353         \if \if@RTLtab#1l\else#1r\fi\@chnum \tw@ \else
1354         \@chclass
1355         \if #1|\@ne \let\@arrayrule\adl@arrayrule \else
1356         \if #1:\@ne \let\@arrayrule\adl@arraydashrule \else
1357         \if #1;\@ne \let\@arrayrule\adl@argarraydashrule \else
1358         \if #1@\tw@ \else
1359         \if #1p\thr@@ \else \z@ \@preamerr 0\fi
1360     \fi \fi \fi \fi \fi \fi \fi \fi \fi}
1361
1362 \def\@arrayclassz{\ifcase \@lastchclass \@acolampacol \or \@ampacol \or
1363     \or \or \@addamp \or
1364     \@acolampacol \or \@firstampfalse \@acol \fi

```

```

1365 \edef\@preamble{\@preamble
1366 \ifcase \@chnum
1367 \hfil\adl@putlrc{\$ \relax\@sharp$}\hfil
1368 \or \adl@putlrc{\$ \relax\@sharp$}\hfil
1369 \or \hfil\adl@putlrc{\$ \relax\@sharp$}\fi}}
1370 \def\@tabclassz{\ifcase \@lastchclass \@acolampacol \or \@ampacol \or
1371 \or \or \@addamp \or
1372 \@acolampacol \or \@firststampfalse \@acol \fi
1373 \edef\@preamble{\@preamble
1374 \ifcase \@chnum
1375 \hfil\adl@putlrc{\@sharp\unskip}\hfil
1376 \or \adl@putlrc{\@sharp\unskip}\hfil
1377 \or \hfil\hskip\z@ \adl@putlrc{\@sharp\unskip}\fi}}
1378 \def\adl@classstart{6}
1379 \def\adl@class@iiiorvii{3}
1380 \fi
1381 \@ifpackageloaded{colortbl}{%
1382 \def\adl@inactivate{\adl@org@inactivate \let\CT@setup\adl@CT@setup}
1383 \def\adl@activate{\adl@org@activate \let\CT@setup\adl@act@CT@setup
1384 \let\@endpbox\adl@org@endpbox}
1385 \let\adl@CT@setup\CT@setup
1386 \def\CT@setup{\adl@CT@setup
1387 \@tempdima\ht\z@ \advance\@tempdima\minrowclearance
1388 \ifdim\adl@height<\@tempdima \global\adl@height\@tempdima \fi
1389 \ifdim\adl@depth<\dp\z@ \global\adl@depth\dp\z@\fi}
1390 \let\adl@act@CT@setup\CT@setup
1391 \def\@classz{\@classx
1392 \@tempcnta\count@ \prepnext@tok
1393 \expandafter\CT@extract\the\toks\@tempcnta\columncolor!\@nil
1394 \expandafter\adl@extract@arc\the\toks\@tempcnta\arrayrulecolor!\@nil
1395 \expandafter\adl@extract@drsc
1396 \the\toks\@tempcnta\doublerulesepcolor!\@nil
1397 \expandafter\adl@extract@dgc\the\toks\@tempcnta\dashgapcolor!\@nil
1398 \@addtopreamble{\if@RTL\beginL\fi%
1399 \setbox\z@\hbox\bgroup\bgroup\if@RTL\beginR\fi
1400 \ifcase \@chnum
1401 \hskip\stretch{.5}\kern\z@
1402 \d@llarbegin
1403 \insert@column
1404 \d@llarend\hskip\stretch{.5}%
1405 \or \d@llarbegin \insert@column \d@llarend \hfill
1406 \or \hfill \kern\z@ \d@llarbegin \insert@column \d@llarend
1407 \or $\vcenter
1408 \@startpbox{\@nextchar}\insert@column \@endpbox $%
1409 \or \vtop \@startpbox{\@nextchar}\insert@column \@endpbox
1410 \or \vbox \@startpbox{\@nextchar}\insert@column \@endpbox
1411 \fi
1412 \if@RTL\endR\fi\egroup\egroup
1413 \begingroup
1414 \CT@setup

```

```

1415             \CT@column@color
1416             \CT@row@color
1417             \CT@cell@color
1418             \CT@do@color
1419         \endgroup
1420         \@tempdima\ht\z@
1421         \advance\@tempdima\minrowclearance
1422         \vrule\@height\@tempdima\@width\z@
1423         \unhbox\z@\if@RTL\endL\fi}%
1424     \prepnext@tok}
1425 \let\adl@act@classz\@classz
1426 \let\adl@org@classz\@classz
1427 }{}

```

7.12 bidi.sty

```

1428 \NeedsTeXFormat{LaTeX2e}
1429 \def\bididate{2013/11/16}
1430 \def\bidiversion{v14.4}
1431 \ProvidesPackage{bidi}[\bididate\space \bidiversion\space
1432 Bidirectional typesetting in plain TeX and LaTeX]
1433 \edef\@bidi@info{*****~J%
1434 * ~J%
1435 * bidi package (Bidirectional typesetting in~J%
1436 * plain TeX and LaTeX, using XeTeX engine)~J%
1437 * ~J%
1438 * Description: A convenient interface for~J%
1439 * typesetting bidirectional texts in plain TeX~J%
1440 * and LaTeX. The package includes adaptations~J%
1441 * for use with many other commonly-used packages.~J%
1442 * ~J%
1443 * Copyright 20092013 Vafa Khalighi~J%
1444 * ~J%
1445 * \bididate, \bidiversion~J%
1446 * ~J%
1447 * License: LaTeX Project Public License, version~J%
1448 * 1.3c or higher (your choice)~J%
1449 * ~J%
1450 * Location on CTAN: /macros/xetex/latex/bidi~J%
1451 * ~J%
1452 * Issue tracker: https://github.com/vafa/bidi/issues~J%
1453 * ~J%
1454 * Support: persian-tex@tug.org~J%
1455 *****}
1456 \typeout{\@bidi@info}
1457 \edef\bidi@everyjob{\the\everyjob}
1458 \everyjob{\bidi@everyjob\typeout{\@bidi@info}}
1459 \RequirePackage{iftex}
1460 \RequireXeTeX
1461 \RequirePackage{biditools}

```

```

1462 \RequirePackage{zref-abspage}
1463 \RequirePackage{auxhook}
1464 \RequirePackage{ltxcmds}
1465 \eqnewif{\if@RTLmain}{\if@rlmain}
1466 \eqnewif{\if@RTL}{\if@rl}
1467 \newif\if@Latin
1468 \eqnewif{\if@RTLtab}{\if@tab@rl}
1469 \newif\if@RTLMarginpar
1470 \newif\if@LTRmarginpar
1471 \newif\if@LTRbibitems
1472 \newif\if@RTLbibitems
1473 \newif\if@extrafootnotefeatures
1474 \newif\if@parafootRTL
1475 \newif\if@RTLcolumnfootnotes
1476 \eqnewif{\if@RTL@footnote}{\if@rl@footnote}
1477 \newif\if@bidi@list@minipage@parbox
1478 \newif\if@bidi@list@minipage@parbox@not@nob
1479 \@RTLmainfalse
1480 \AtBeginDocument{%
1481   \if@RTLmain\else
1482     \if@RTL\@RTLmaintrue%
1483     \else\@RTLmainfalse%
1484     \fi%
1485   \fi%
1486 }
1487 \let\n@xt=\
1488 \bidi@newrobustcmd*{\LRE}{\protect\pLRE}%
1489 \def\pLRE{\protect\afterassignment\moreLRE \let\n@xt= }
1490 \bidi@newrobustcmd*{\RLE}{\protect\pRLE}
1491 \def\pRLE{\protect\afterassignment\moreRLE \let\n@xt= }
1492 \def\bracetext{\ifcat\n@xt{\else\ifcat\n@xt}\fi
1493   \errmessage{Missing left brace has been substituted}\fi \bgroup}
1494 \input{latex-xetex-bidi.def}
1495 \input{loadingorder-xetex-bidi.def}
1496 \DeclareOption{RTLdocument}{\@RTLtrue\@RTL@footnotetrue\autofooterule}
1497 \DeclareOption{rldocument}{\@RTLtrue\@RTL@footnotetrue\autofooterule}
1498 \DeclareOption{extrafootnotefeatures}{\@extrafootnotefeaturestrue}
1499 \ProcessOptions
1500
1501 \if@extrafootnotefeatures
1502   \input{extrafootnotefeatures-xetex-bidi.def}
1503 \fi

```

7.13 bidi.tex

```

1504 \def\bididate{2013/11/16}
1505 \def\bidiversion{v0.2}
1506 \catcode'\@=11
1507 \let \protect \relax
1508 \newlinechar'\^^J

```

```

1509 \edef\@bidi@info{*****^^J%
1510 * ^^J%
1511 * bidi package (Bidirectional typesetting in^^J%
1512 * plain TeX and LaTeX, using XeTeX engine)^^J%
1513 * ^^J%
1514 * Description: A convenient interface for^^J%
1515 * typesetting bidirectional texts in plain TeX^^J%
1516 * and LaTeX. The package includes adaptations^^J%
1517 * for use with many other commonly-used packages.^^J%
1518 * ^^J%
1519 * Copyright 20092013 Vafa Khalighi^^J%
1520 * ^^J%
1521 * \bididate, \bidiversion^^J%
1522 * ^^J%
1523 * License: LaTeX Project Public License, version^^J%
1524 * 1.3c or higher (your choice)^^J%
1525 * ^^J%
1526 * Location on CTAN: /macros/xetex/latex/bidi^^J%
1527 * ^^J%
1528 * Issue tracker: https://github.com/vafa/bidi/issues^^J%
1529 * ^^J%
1530 * Support: persian-tex@tug.org^^J%
1531 *****}
1532 \message{\@bidi@info}
1533 \edef\bidi@everyjob{\the\everyjob}
1534 \everyjob{\bidi@everyjob\message{\@bidi@info}}
1535 \input iftex.sty
1536 \RequireXeTeX
1537 \newif\if@RTLmain
1538 \newif\if@RTL
1539 \newif\if@sentedir
1540 \newif\if@RTL@footnote
1541 \@RTLmainfalse
1542 \def\setRTLmain{%
1543   \if@RTLmain\else
1544     \if@RTL\@RTLmaintrue%
1545     \else\@RTLmainfalse%
1546     \fi%
1547   \fi%
1548 }
1549 \let\n@xt=\
1550 \protected\def\LRE{\protect\pLRE}%
1551 \def\pLRE{\protect\afterassignment\moreLRE \let\n@xt= }
1552 \protected\def\RLE{\protect\pRLE}
1553 \def\pRLE{\protect\afterassignment\moreRLE \let\n@xt= }
1554 \def\bracetext{\ifcat\n@xt{\else\ifcat\n@xt}\fi
1555   \errmessage{Missing left brace has been substituted}\fi \bgroup}
1556 \input plain-xetex-bidi.def
1557 \catcode'\@=12

```

7.14 bidi2in1.sty

```
1558 \NeedsTeXFormat{LaTeX2e}
1559 \ProvidesPackage{bidi2in1}
1560 \pagestyle{plain}
1561 \newcount\evenpage
1562 \newcount\oddpag
1563 \twocolumn
1564 \def\@oddfoot{\evenpage=\thepage%
1565 \multiply\evenpage by 2%
1566 \oddpag=\the\evenpage%
1567 \advance\oddpag by -1%
1568 \hfil\the\evenpage\hfil\hfil\the\oddpag\hfil}%
1569 \def\@evenfoot{\evenpage=\thepage%
1570 \multiply\evenpage by 2%
1571 \oddpag=\the\evenpage%
1572 \advance\oddpag by -1%
1573 \hfil\the\oddpag\hfil\hfil\the\evenpage\hfil}%
1574 \textwidth 9.49in
1575 \textheight 6.7in
1576 \columnsep 0.9in
1577 \columnseprule 0.125pt
1578 \headheight 0cm
1579 \topmargin 0in
1580 \marginparwidth 0in
1581 \marginparsep 0in
1582 \hoffset 0.05in % Corrected
1583 \voffset -0.5in %top margin space is 1.0in by default
1584 \oddsidemargin 0in
1585 \evensidemargin 0in
1586 \headsep 0cm
1587 \topskip 0cm
1588 \parskip 0.15in %
1589 \headsep 0pt
1590 \special{papersize=11.69in,8.26in}
1591 \renewcommand\maketitle{\par
1592 \begingroup
1593 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
1594 \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
1595 \long\def\@makefntext##1{\parindent 1em\noindent
1596 \hb@xt@1.8em{\%
1597 \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
1598 \@maketitle
1599 \@thanks
1600 \endgroup
1601 \setcounter{footnote}{0}%
1602 \global\let\thanks\relax
1603 \global\let\maketitle\relax
1604 \global\let\@maketitle\relax
1605 \global\let\@thanks\@empty
```

```

1606 \global\let\@author\@empty
1607 \global\let\@date\@empty
1608 \global\let\@title\@empty
1609 \global\let\title\relax
1610 \global\let\author\relax
1611 \global\let\date\relax
1612 \global\let\and\relax
1613 }

```

7.15 bidicode.sty

```

1614 \NeedsTeXFormat{LaTeX2e}
1615 \ProvidesPackage{bidicode}
1616 \RequirePackage{xcolor}
1617 \RequirePackage{showexpl}
1618 \definecolor{hellgelb}{rgb}{1,1,0.85}
1619 \definecolor{colKeys}{rgb}{0,0,1}
1620 \definecolor{colIdentifier}{rgb}{0,0,0}
1621 \definecolor{colComments}{rgb}{1,0,0}
1622 \definecolor{colString}{rgb}{0,0.5,0}
1623 \lstset{
1624     language=[LaTeX]TEX,
1625     float=hbp,
1626     basicstyle=\ttfamily\small,
1627     identifierstyle=\color{colIdentifier},
1628     keywordstyle=\color{colKeys},
1629     stringstyle=\color{colString},
1630     commentstyle=\color{colComments},
1631     columns=flexible,
1632     tabsize=4,
1633     gobble =1,
1634     extendedchars=true,
1635     showspace=false,
1636     showstringspaces=false,
1637     numbers=left,
1638     numbersep=0.9em,
1639     numberstyle=\tiny, %
1640     frame=single,
1641     captionpos=b,
1642     xleftmargin=1em,
1643     breaklines=true,
1644     breakautoindent=false,
1645     breakindent=0pt,
1646     escapeinside=**,
1647     pos=r,
1648     explpreset={%
1649     xleftmargin=1em,columns=flexible,language=[LaTeX]TEX},
1650     morekeywords={setLTR,setLR,setRTL,setRL,LRE,LR,RLE,RL,lr,bidiversion,bididate}
1651 }
1652 \newcommand\HLON{%

```

```

1653 \gdef\lst@alloverstyle##1{%
1654     \fboxrule=0pt
1655     \fboxsep=0pt
1656     \fcolorbox{hellgelb}{hellgelb}{\bfseries\strut##1}%
1657 }}
1658 \newcommand\HLOFF{%
1659     \xdef\lst@alloverstyle##1{##1}%
1660 }
1661 \newcommand\Larg [1]{\normalfont\itshape#1\/\}}
1662 \newcommand\Larga[1]{\Larg{#1}$\rangle$}
1663 \newcommand\Largb[1]{\lcb\Larg{#1}\rcb}
1664 \newcommand\Largs[1]{\lsb\Larg{#1}\rsb}
1665 \newcommand\Largr[1]{\lrb\Larg{#1}\rrb}
1666 \newcommand\LBEG[1]{\normalfont\ttfamily\bs{}begin\lcb#1\rcb}}
1667 \newcommand\LEND[1]{\normalfont\ttfamily\bs{}end\lcb#1\rcb}}
1668
1669 \DeclareRobustCommand\bs{\normalfont\ttfamily\symbol{92}}
1670 \DeclareRobustCommand\lcb{\normalfont\ttfamily\char'`}
1671 \DeclareRobustCommand\rcb{\normalfont\ttfamily\char'`}
1672 \DeclareRobustCommand\lsb{\normalfont\ttfamily[]}
1673 \DeclareRobustCommand\rsb{\normalfont\ttfamily{}}
1674 \DeclareRobustCommand\lrb{\normalfont\ttfamily{}}
1675 \DeclareRobustCommand\rrb{\normalfont\ttfamily{}}
1676
1677 \def\Lcs#1{\nxLcs{#1}}
1678 \def\LcsStar#1{\nxLcs{#1}\OptArg*{}}
1679 \def\nxLcs#1{\texttt{\symbol{92}#1}}
1680
1681 \def\Coordx#1{$x_{#1}$}
1682 \def\Coordy#1{$y_{#1}$}
1683 \def\Coordz#1{$z_{#1}$}
1684 \def\Coord#1{\Coordx{#1},\kern 1pt\Coordy{#1}}
1685 \def\Coordn{\Coordx{n},\kern 1pt\Coordy{n}}
1686 \def\CoordIII#1{\Coordx{#1},\kern 1pt\Coordy{#1},\kern 1pt\Coordz{#1}}
1687 \def\CAny{\Coordx{},\kern 1pt\Coordy{}}
1688 \def\CIIIAny{\Coordx{},\kern 1pt\Coordy{},\kern 1pt\Coordz{}}
1689 \def\coord#1{\Coordx{#1},\kern 1pt\Coordy{#1}}
1690 \def\coordin{\Coordx{n},\kern 1pt\Coordy{n}}
1691 \def\coordiia#1{\Coordx{#1},\kern 1pt\Coordy{#1},\kern 1pt\Coordz{#1}}
1692 \def\coordx#1{($x_{#1}$)}
1693 \def\coordy#1{($y_{#1}$)}
1694 \def\coordz#1{($z_{#1}$)}
1695 \def\cAny{(\Coordx{},\kern 1pt\Coordy{}}
1696 \def\ciiiaAny{(\Coordx{},\kern 1pt\Coordy{},\kern 1pt\Coordz{}}
1697
1698 \newsavebox{\boxdef}
1699 \newenvironment{BDef}
1700     {\begin{lrbox}\boxdef
1701         \def\arraystretch{1.0}
1702         \begin{tabular}{@{}l@{}l@{}l@{}}

```



```

1703 }
1704 {\end{tabular}\end{lrbox}
1705
1706 {\BCmd\fbbox{\usebox\boxdef}\endBCmd}
1707 \aftergroup\@afterindentfalse\aftergroup\@afterheading
1708 }
1709
1710 \newenvironment{BDef*}
1711 {\begin{lrbox}\boxdef
1712   \def\arraystretch{1.0}
1713   \begin{tabular}{@{}l@{}l@{}l@{}}
1714 }
1715 {\end{tabular}\end{lrbox}
1716 {\begin{BCmd*}\fbbox{\usebox\boxdef}\end{BCmd*}}
1717 \aftergroup\@afterindentfalse\aftergroup\@afterheading
1718 }
1719 \newenvironment{BCmd*}{
1720   \@beginparpenalty-\@lowpenalty
1721   \topsep\BDefaboveskip
1722   \fbboxsep3pt
1723   \flushleft}
1724 {\@endparpenalty\@M
1725   \@topsepadd\BDefbelowskip
1726   \endflushleft}
1727
1728 \newenvironment{BCmd*}{
1729   \@beginparpenalty\@M
1730   \topsep\BDefinlineskip
1731   \fbboxsep3pt
1732   \flushleft}
1733 {\@endparpenalty5000
1734   \endflushleft}
1735
1736 \newskip\BDefaboveskip
1737 \newskip\BDefbelowskip
1738 \newskip\BDefinlineskip
1739 \setlength\BDefaboveskip{10pt plus 4pt}
1740 \setlength\BDefbelowskip{6pt}
1741 \setlength\BDefinlineskip{6pt}
1742
1743 \def\OptArgs{\colorbox{black!20}{\texttt{[Options]}}}\kern1pt}
1744 \def\OptArg{\@ifnextchar*\OptArg@i{\OptArg@ii*}}
1745 \def\OptArg@i*#1{\colorbox{black!20}{\texttt{#1}}}\kern1pt}
1746 \def\OptArg@ii*#1{\colorbox{black!20}{\texttt{[#1]}}}\kern1pt}

```

7.16 bidiftnxtra.sty

```

1747 \NeedsTeXFormat{LaTeX2e}
1748 \ProvidesPackage{bidiftnxtra}
1749 \newtoks\bidip@ftn

```

```

1750 \let\FN@sffootnote\footnote
1751 \let\FN@sff@LTRfootnote\LTRfootnote
1752 \let\FN@sff@RTLfootnote\RTLfootnote
1753 \def\footnote{\ifx\protect\@typeset@protect
1754   \expandafter\FN@sffootnote
1755   \else
1756   \expandafter\FN@sff@gobble@opt
1757   \fi
1758 }
1759 \def\LTRfootnote{\ifx\protect\@typeset@protect
1760   \expandafter\FN@sff@LTRfootnote
1761   \else
1762   \expandafter\FN@sff@gobble@opt
1763   \fi
1764 }
1765 \def\RTLfootnote{\ifx\protect\@typeset@protect
1766   \expandafter\FN@sff@RTLfootnote
1767   \else
1768   \expandafter\FN@sff@gobble@opt
1769   \fi
1770 }
1771 \edef\FN@sff@gobble@opt{\noexpand\protect
1772   \expandafter\noexpand\csname FN@sff@gobble@opt \endcsname}
1773 \expandafter\def\csname FN@sff@gobble@opt \endcsname{%
1774   \ifnextchar[%]
1775     \FN@sff@gobble@twobracket
1776     \@gobble
1777 }
1778 \def\FN@sff@gobble@twobracket[#1]#2{}
1779 \let\FN@sff@footnotemark\footnotemark
1780 \def\footnotemark{\ifx\protect\@typeset@protect
1781   \expandafter\FN@sff@footnotemark
1782   \else
1783   \expandafter\FN@sff@gobble@optonly
1784   \fi
1785 }
1786 \edef\FN@sff@gobble@optonly{\noexpand\protect
1787   \expandafter\noexpand\csname FN@sff@gobble@optonly \endcsname}
1788 \expandafter\def\csname FN@sff@gobble@optonly \endcsname{%
1789   \ifnextchar[%]
1790     \FN@sff@gobble@bracket
1791     {}%
1792 }
1793 \def\FN@sff@gobble@bracket[#1]{}
1794 \def\@tabular{\ifRTL\global\@RTLtabtrue\fi
1795   \leavevmode \hbox \bgroup
1796   \let\@footnotetext\@footnotetext
1797   \let\@LTRfootnotetext\@LTRfootnotetext
1798   \let\@RTLfootnotetext\@RTLfootnotetext
1799   \let\@xfootnotenext\@xfootnotenext

```

```

1800 \let\@xfootnote\@bidi@p@xfootnote
1801 \let\@xLTRfootnotenext\@bidi@p@xLTRftntext
1802 \let\@xLTRfootnote\@bidi@p@xLTRfootnote
1803 \let\@xRTLfootnotenext\@bidi@p@xRTLftntext
1804 \let\@xRTLfootnote\@bidi@p@xRTLfootnote
1805 \if@RTLtab\beginR \fi
1806 $\let\@acol\@tabacol
1807 \let\@classz\@tabclassz
1808 \let\@classiv\@tabclassiv \let\\\@tabularcr\@tabarray}
1809 \def\endtabular{\crr\egroup\if@RTLtab\egroup\endR\egroup\fi
1810 \egroup $\if@RTLtab\endR\fi\egroup
1811 \ifx\@cuptype\@undefined
1812 \global\@bidi@p@ftn\expandafter{\expandafter}\the\@bidi@p@ftn\fi%
1813 \global\@RTLtabfalse}
1814 \long\def\@bidi@p@ftntext#1{%
1815 \edef\@tempy{\the\@bidi@p@ftn\noexpand\footnotetext[\the\csname c@\@mpfn\endcsname]}%
1816 \global\@bidi@p@ftn\expandafter{\@tempy{#1}}}%
1817 \long\def\@bidi@p@LTRftntext#1{%
1818 \edef\@tempyi{\the\@bidi@p@ftn\noexpand\LTRfootnotetext[\the\csname c@\@mpfn\endcsname]}%
1819 \global\@bidi@p@ftn\expandafter{\@tempyi{#1}}}%
1820 \long\def\@bidi@p@RTLftntext#1{%
1821 \edef\@tempyii{\the\@bidi@p@ftn\noexpand\RTLfootnotetext[\the\csname c@\@mpfn\endcsname]}%
1822 \global\@bidi@p@ftn\expandafter{\@tempyii{#1}}}%
1823
1824
1825 \long\def\@bidi@p@xftntext[#1]#2{%
1826 \global\@bidi@p@ftn\expandafter{\the\@bidi@p@ftn\footnotetext[#1]{#2}}}
1827
1828 \long\def\@bidi@p@xLTRftntext[#1]#2{%
1829 \global\@bidi@p@ftn\expandafter{\the\@bidi@p@ftn\LTRfootnotetext[#1]{#2}}}
1830
1831 \long\def\@bidi@p@xRTLftntext[#1]#2{%
1832 \global\@bidi@p@ftn\expandafter{\the\@bidi@p@ftn\RTLfootnotetext[#1]{#2}}}
1833
1834
1835 \def\@bidi@p@xfootnote[#1]{%
1836 \begingroup
1837 \csname c@\@mpfn\endcsname #1\relax
1838 \unrestored@protected@xdef\@thefnmark{\thempfn}%
1839 \endgroup
1840 \@footnotemark\@bidi@p@xftntext[#1]}
1841
1842
1843 \def\@bidi@p@xLTRfootnote[#1]{%
1844 \begingroup
1845 \csname c@\@mpfn\endcsname #1\relax
1846 \unrestored@protected@xdef\@thefnmark{\thempfn}%
1847 \endgroup
1848 \@footnotemark\@bidi@p@xLTRftntext[#1]}
1849

```

```

1850
1851 \def\@bidi@p@xRTLfootnote[#1]{%
1852   \beginingroup
1853     \csname c@\@mpfn\endcsname #1\relax
1854     \unrestored@protected@xdef\@thefnmark{\thempfn}%
1855   \endgroup
1856   \@footnotemark\@bidi@p@xRTLftntext[#1]}
1857
1858 \def\@xfloat #1[#2]{%
1859   \@nodocument
1860   \def \@captive {#1}%
1861   \def \@fps {#2}%
1862   \@onelevel@sanitize \@fps
1863   \def \reserved@a {!}%
1864   \ifx \reserved@a \@fps
1865     \@fpsadddefault
1866   \else
1867     \ifx \@fps \@empty
1868       \@fpsadddefault
1869     \fi
1870   \fi
1871   \ifhmode
1872     \@bsphack
1873     \@floatpenalty -\@Mii
1874   \else
1875     \@floatpenalty-\@Miii
1876   \fi
1877   \ifinner
1878     \@parmoderr\@floatpenalty\z@
1879   \else
1880     \@next\@currbox\@freelist
1881     {%
1882       \@tempcnta \sixt@@n
1883       \expandafter \@tfor \expandafter \reserved@a
1884       \expandafter :\expandafter =\@fps
1885       \do
1886       {%
1887         \if \reserved@a h%
1888           \ifodd \@tempcnta
1889         \else
1890           \advance \@tempcnta \@ne
1891         \fi
1892       \fi
1893       \if \reserved@a t%
1894         \setfpsbit \tw@
1895       \fi
1896       \if \reserved@a b%
1897         \setfpsbit 4%
1898       \fi
1899       \if \reserved@a p%

```

```

1900         \@setfpsbit 8%
1901     \fi
1902     \if \reserved@a !%
1903         \ifnum \@tempcnta>15
1904             \advance\@tempcnta -\sixt@@n\relax
1905         \fi
1906     \fi
1907 }%
1908 \@tempcntb \csname ftype@\@capttype \endcsname
1909 \multiply \@tempcntb \@xxxii
1910 \advance \@tempcnta \@tempcntb
1911 \global \count\@currbox \@tempcnta
1912 }%
1913 \@fltovf
1914 \fi
1915 \global \setbox\@currbox
1916     \color@vbox
1917     \normalcolor
1918     \vbox \bgroup
1919         \let\@footnotetext\@bidi@p@ftntext
1920         \let\@LTRfootnotetext\@bidi@p@LTRftntext
1921         \let\@RTLfootnotetext\@bidi@p@RTLftntext
1922         \let\@xfootnotenext\@bidi@p@xftntext
1923         \let\@xfootnote\@bidi@p@xfootnote
1924         \let\@xLTRfootnotenext\@bidi@p@xLTRftntext
1925         \let\@xLTRfootnote\@bidi@p@xLTRfootnote
1926         \let\@xRTLfootnotenext\@bidi@p@xRTLftntext
1927         \let\@xRTLfootnote\@bidi@p@xRTLfootnote
1928         \hsize\columnwidth
1929         \@parboxrestore
1930         \@floatboxreset
1931 }
1932 \def \@endfloatbox{%
1933     \par\vskip\z@skip      %% \par\vskip\z@ added 15 Dec 87
1934     \@minipagefalse
1935     \outer@nobreak
1936     \egroup                %% end of vbox
1937     \global\@bidi@p@ftn\expandafter{\expandafter}\the\@bidi@p@ftn
1938     \color@endbox
1939 }

```

7.17 bidi-longtable.sty

```

1940 \ProvidesPackage{bidi-longtable}[2012/12/12 v0.1 typesetting bidi longtables in XeTeX engine]
1941 \def\longtable{\if@RTL\@RTLtabtrue\fi%
1942     \par
1943     \ifx\multicols\@undefined
1944     \else
1945         \ifnum\col@number>\@ne
1946             \@twocolumntrue

```

```

1947     \fi
1948 \fi
1949 \if@twocolumn
1950     \LT@err{longtable not in 1-column mode}\@ehc
1951 \fi
1952 \begingroup
1953 \let\LT@array{\LT@array[x]}
1954 \def\endlongtable{%
1955     \crrc
1956     \noalign{%
1957         \let\LT@entry\LT@entry@chop
1958         \xdef\LT@save@row{\LT@save@row}}%
1959 \LT@echunk
1960 \LT@start
1961 \unvbox\z@
1962 \LT@get@widths
1963 \if@filesw
1964     {\let\LT@entry\LT@entry@write\immediate\write\@auxout{%
1965         \gdef\expandafter\noexpand
1966             \csname LT@\romannumeral\c@LT@tables\endcsname
1967             {\LT@save@row}}}%
1968 \fi
1969 \ifx\LT@save@row\LT@@@save@row
1970 \else
1971     \LT@warn{Column \@width s have changed\MessageBreak
1972             in table \thetable}%
1973     \LT@final@warn
1974 \fi
1975 \endgraf\penalty -\LT@end@pen
1976 \endgroup
1977 \global\@mparbottom\z@
1978 \pagegoal\vsize
1979 \endgraf\penalty\z@\addvspace\LTpost
1980 \ifvoid\footins\else\insert\footins{}\fi\@RTLtabfalse}
1981 \def\LT@output{%
1982     \ifnum\outputpenalty <-\@Mi
1983         \ifnum\outputpenalty > -\LT@end@pen
1984             \LT@err{floats and marginpars not allowed in a longtable}\@ehc
1985         \else
1986             \setbox\z@\vbox{\unvbox\@cclv}%
1987             \ifdim \ht\LT@lastfoot>\ht\LT@foot
1988                 \dimen@\pagegoal
1989                 \advance\dimen@-\ht\LT@lastfoot
1990                 \ifdim\dimen@<\ht\z@
1991                     \setbox\@cclv\vbox{\unvbox\z@\copy\LT@foot\vss}%
1992                     \@makecol
1993                     \outputpage
1994                     \setbox\z@\vbox{\box\LT@head}%
1995                 \fi
1996             \fi

```

```

1997     \global\@colroom\@colht
1998     \global\vsizel\@colht
1999     \vbox
2000     {\hbox{\if@RTLtab\beginR\fi\vbox{\unvbox\z@\box\ifvoid\LT@lastfoot\LT@foot\else\LT@la
2001     \fi
2002 \else
2003     \setbox\@cclv\vbox{\hbox{\if@RTLtab\beginR\fi\vbox{\unvbox\@cclv\copy\LT@foot\vss}\if@RT
2004     \@makecol
2005     \@outputpage
2006     \global\vsizel\@colroom
2007     \copy\LT@head\nobreak
2008 \fi}

```

7.18 bidimoderncv.cls

```

2009 \NeedsTeXFormat{LaTeX2e}
2010 \ProvidesClass{bidimoderncv}
2011 \newif\if@DEBUG\@DEBUGfalse
2012 \DeclareOption{a4paper}{
2013   \setlength\paperheight{297mm}
2014   \setlength\paperwidth{210mm}}
2015 \DeclareOption{a5paper}{
2016   \setlength\paperheight{210mm}
2017   \setlength\paperwidth{148mm}}
2018 \DeclareOption{b5paper}{
2019   \setlength\paperheight{250mm}
2020   \setlength\paperwidth{176mm}}
2021 \DeclareOption{letterpaper}{
2022   \setlength\paperheight{11in}
2023   \setlength\paperwidth{8.5in}}
2024 \DeclareOption{legalpaper}{
2025   \setlength\paperheight{14in}
2026   \setlength\paperwidth{8.5in}}
2027 \DeclareOption{executivepaper}{
2028   \setlength\paperheight{10.5in}
2029   \setlength\paperwidth{7.25in}}
2030 \DeclareOption{landscape}{
2031   \setlength\@tempdima{\paperheight}
2032   \setlength\paperheight{\paperwidth}
2033   \setlength\paperwidth{\@tempdima}}
2034 \newcommand\@ptsize{}
2035 \DeclareOption{10pt}{\renewcommand\@ptsize{0}}
2036 \DeclareOption{11pt}{\renewcommand\@ptsize{1}}
2037 \DeclareOption{12pt}{\renewcommand\@ptsize{2}}
2038 \DeclareOption{draft}{\setlength\overfullrule{5pt}}
2039 \DeclareOption{final}{\setlength\overfullrule{0pt}}
2040 \newif\if@colour\@colourtrue
2041 \DeclareOption{nocolour}{\@colourfalse}
2042 \ExecuteOptions{a4paper,11pt,colour,final}
2043 \ProcessOptions\relax

```

```

2044 \input{size1\@ptsize.clo}
2045 \RequirePackage{color}
2046 \RequirePackage{graphicx}
2047 \RequirePackage{ifthen}
2048 \RequirePackage{marvosym}
2049 \addtolength{\oddsidemargin}{-54pt}
2050 \addtolength{\textwidth}{109pt}
2051 \addtolength{\topmargin}{-70pt}
2052 \addtolength{\textheight}{122pt}
2053 \addtolength{\marginparsep}{-5pt}
2054 \addtolength{\marginparwidth}{-10pt}
2055 \RequirePackage{url}
2056 \RequirePackage{hyperref}
2057 \hypersetup{%
2058     breaklinks,
2059     baseurl      = http://,%
2060     pdfborder    = 0 0 0,%
2061     pdfpagemode  = UseNone,%
2062     pdfstartpage = 1}
2063 \AtEndOfClass{%
2064     \AtBeginDocument{%
2065         \hypersetup{%
2066             pdfauthor      = \@firstname~\@familyname,%
2067             pdftitle       = \@title,%
2068             pdfsubject     = \@firstname~\@familyname,%
2069             pdfkeywords    = \@resumename~\@firstname~\@familyname}}}
2070 \urlstyle{tt}
2071 \RequirePackage{fancyhdr}
2072 \fancypagestyle{plain}{%
2073     \renewcommand{\headrulewidth}{0pt}
2074     \renewcommand{\footrulewidth}{0pt}
2075     \fancyhf{}}
2076 \pagestyle{plain}
2077 \setlength\lineskip{1\p@}
2078 \setlength\normallineskip{1\p@}
2079 \renewcommand\baselinestretch{}
2080 \setlength{\parindent}{0pt}
2081 \setlength{\parskip}{0pt}
2082 \setlength\columnsep{10\p@}
2083 \setlength\columnseprule{0\p@}
2084 \pagestyle{empty}
2085 \pagenumbering{arabic}
2086 \raggedbottom
2087 \onecolumn
2088 \providecommand*\listitemsymbol{\textbullet}
2089 \providecommand*\addresssymbol{}
2090 \providecommand*\mobilesymbol{\Mobilefone}
2091 \providecommand*\phonesymbol{\Telefon}
2092 \providecommand*\faxsymbol{\FAX}
2093 \providecommand*\emailsymbol{\Letter}

```



```

2094 \definecolor{firstnamecolor}{rgb}{0,0,0}
2095 \def\firstnamecolour#1{\gdef\@firstnamecolour{\addfontfeature{Color=#1}}}
2096 \def\familynamecolour#1{\gdef\@familynamecolour{\addfontfeature{Color=#1}}}
2097 \def\titlecolour#1{\gdef\@titlecolour{\addfontfeature{Color=#1}}}
2098 \def\addresscolour#1{\gdef\@addresscolour{\addfontfeature{Color=#1}}}
2099 \def\quotecolour#1{\gdef\@quotecolour{\addfontfeature{Color=#1}}}
2100 \def\sectiontitlecolour#1{\gdef\@sectiontitlecolour{\addfontfeature{Color=#1}}}
2101 \definecolor{sectionrectanglecolor}{rgb}{0,0,0}
2102 \def\subsectioncolour#1{\gdef\@subsectioncolour{\addfontfeature{Color=#1}}}
2103 \def\hintcolour#1{\gdef\@hintcolour{\addfontfeature{Color=#1}}}
2104 \providecommand*\{firstnamefont}\{}
2105 \providecommand*\{familynamefont}\{}
2106 \providecommand*\{titlefont}\{}
2107 \providecommand*\{addressfont}\{}
2108 \providecommand*\{quote\font}\{}
2109 \providecommand*\{sectionfont}\{}
2110 \providecommand*\{subsectionfont}\{}
2111 \providecommand*\{hintfont}\{\small}
2112 \providecommand*\{firstnamestyle}[1]{\{\{firstnamefont\@firstnamecolour#1\}}
2113 \providecommand*\{familynamestyle}[1]{\{\{familynamefont\@familynamecolour#1\}}
2114 \providecommand*\{titlestyle}[1]{\{\{titlefont\@titlecolour#1\}}
2115 \providecommand*\{addresstyle}[1]{\{\{addressfont\@addresscolour#1\}}
2116 \providecommand*\{quotestyle}[1]{\{\{quote\font\@quotecolour#1\}}
2117 \providecommand*\{sectionstyle}[1]{\{\{sectionfont\@sectiontitlecolour#1\}}
2118 \providecommand*\{subsectionstyle}[1]{\{\{subsectionfont\@subsectioncolour#1\}}
2119 \providecommand*\{hintstyle}[1]{\{\{hintfont\@hintcolour#1\}}
2120 \newcommand*\{cvtheme}[2][\{}
2121 \def\@cvtheme{#2}
2122 \def\@cvthemeoptions{#1}}
2123 \cvtheme{bidi-casual}
2124 \AtBeginDocument{\RequirePackage[\@cvthemeoptions]{cvtheme\@cvtheme}}
2125 \newcommand*\{resumename}[1]{\def\@resumename{#1}}
2126 \newcommand*\{firstname}[1]{\def\@firstname{#1}}
2127 \newcommand*\{familyname}[1]{\def\@familyname{#1}}
2128 \renewcommand*\{title}[1]{\def\@title{#1}}
2129 \newcommand*\{address}[1]{\def\@address{#1}}
2130 \newcommand*\{mobile}[1]{\def\@mobile{#1}}
2131 \newcommand*\{phone}[1]{\def\@phone{#1}}
2132 \renewcommand*\{fax}[1]{\def\@fax{#1}}
2133 \newcommand*\{email}[1]{\def\@email{#1}}
2134 \newcommand*\{extrainfo}[1]{\def\@extrainfo{#1}}
2135 \def\@photowidth{Opt}
2136 \newcommand*\{photo}[2][64pt]{\def\@photowidth{#1}\def\@photo{#2}}
2137 \newcommand*\{quote}[1]{\def\@quote{#1}}
2138 \newlength{\quotewidth}
2139 \newlength{\hintscolumnwidth}
2140 \newlength{\separatorcolumnwidth}
2141 \setlength{\separatorcolumnwidth}{0.025\textwidth}
2142 \newlength{\maincolumnwidth}
2143 \newlength{\doubleitemmaincolumnwidth}

```

```

2144 \newlength{\listitemsymbolwidth}
2145 \settowidth{\listitemsymbolwidth}{\listitemsymbol{}}
2146 \newlength{\listitemmaincolumnwidth}
2147 \newlength{\listdoubleitemmaincolumnwidth}
2148 \newcommand*{\recomputethemelengths}{%
2149 \newcommand*{\recomputelengths}{%
2150 \setlength{\quotewidth}{0.65\textwidth}%
2151 \setlength{\maincolumnwidth}{\textwidth}%
2152 \addtolength{\maincolumnwidth}{-\separatorcolumnwidth}%
2153 \addtolength{\maincolumnwidth}{-\hintscolumnwidth}%
2154 \setlength{\listitemmaincolumnwidth}{\maincolumnwidth}%
2155 \addtolength{\listitemmaincolumnwidth}{-\listitemsymbolwidth}%
2156 \setlength{\doubleitemmaincolumnwidth}{\maincolumnwidth}%
2157 \addtolength{\doubleitemmaincolumnwidth}{-\hintscolumnwidth}%
2158 \addtolength{\doubleitemmaincolumnwidth}{-\separatorcolumnwidth}%
2159 \setlength{\doubleitemmaincolumnwidth}{0.5\doubleitemmaincolumnwidth}%
2160 \setlength{\listdoubleitemmaincolumnwidth}{\maincolumnwidth}%
2161 \addtolength{\listdoubleitemmaincolumnwidth}{-\listitemsymbolwidth}%
2162 \setlength{\listdoubleitemmaincolumnwidth}{0.475\listdoubleitemmaincolumnwidth}%
2163 \renewcommand{\headwidth}{\textwidth}%
2164 \recomputethemelengths}
2165 \setlength{\hintscolumnwidth}{0.15\textwidth}
2166 \recomputelengths
2167 \title{}
2168 \renewcommand*{\maketitle}{}
2169 \newcommand*{\section}[1]{%
2170 \vspace*{2.5ex \@plus 1ex \@minus .2ex}%
2171 \phantomsection}%
2172 \addcontentsline{toc}{part}{#1}%
2173 \parbox[m]{\hintscolumnwidth}{\bidi@raggedleft\hintfont{\leavevmode\color{sectionrectangle}
2174 \hspace{\separatorcolumnwidth}%
2175 \parbox[m]{\maincolumnwidth}{\sectionstyle{#1}}\[\[1ex]}
2176 \newcommand*{\subsection}[1]{%
2177 \cvline[0.45em]{\subsectionstyle{#1}}
2178 \newcommand*{\cvline}[3][.25em]{%
2179 \begin{tabular}{@{}p{\hintscolumnwidth}@{\hspace{\separatorcolumnwidth}}p{\maincolumnwidth}
2180 \bidi@raggedleft\hintfont{#2} \&{#3}%
2181 \end{tabular}\[\[#1]}
2182 \newcommand*{\cvdoubleitem}[4]{%
2183 \cvline{#1}{\begin{minipage}[t]{\doubleitemmaincolumnwidth}#2\end{minipage}}%
2184 \hfill%
2185 \begin{minipage}[t]{\hintscolumnwidth}\bidi@raggedleft\hintfont{#3}\end{minipage}\hspace*{\s
2186 \newcommand*{\cvlistitem}[2][\listitemsymbol]{%
2187 \cvline[0pt]{\#1~\begin{minipage}[t]{\listitemmaincolumnwidth}#2\end{minipage}}}
2188 \newcommand*{\cvlistdoubleitem}[3][\listitemsymbol]{%
2189 \cvline[0pt]{\#1~\begin{minipage}[t]{\listdoubleitemmaincolumnwidth}#2\end{minipage}}%
2190 \hfill%
2191 \ifthenelse{equal{#3}}{
2192 {}
2193 {\#1~\begin{minipage}[t]{\listdoubleitemmaincolumnwidth}#3\end{minipage}}}}

```

```

2194 \newcommand*{\cventry}[6]{%
2195   \cvline{#1}{%
2196     {\bfseries#2}%
2197     \ifx#3\else{, {\slshape#3}}\fi%
2198     \ifx#4\else{, #4}\fi%
2199     \ifx#5\else{, #5}\fi%
2200     .%
2201     \ifx#6\else{\newline{}\begin{minipage}[t]{\linewidth}\small#6\end{minipage}}\fi
2202   }%
2203 \newcommand*{\cvlanguage}[3]{%
2204   \cvline{#1}{\begin{minipage}[t]{.225\maincolumnwidth}\textbf{#2}\end{minipage}\hfill\begin{minipage}[t]{.775\maincolumnwidth}\textbf{#3}\end{minipage}}
2205 \newcommand*{\cvcomputer}[4]{%
2206   \cvdoubleitem{#1}{\small#2}{#3}{\small#4}}
2207 \newcommand*{\link}[2][{}]{%
2208   \ifthenelse{\equal{#1}{}}{%
2209     {\href{#2}{#2}}%
2210     {\href{#2}{#1}}}
2211 \newcommand*{\httplink}[2][{}]{%
2212   \ifthenelse{\equal{#1}{}}{%
2213     {\href{http://#2}{#2}}%
2214     {\href{http://#2}{#1}}}
2215 \newcommand*{\emailink}[2][{}]{%
2216   \ifthenelse{\equal{#1}{}}{%
2217     {\href{mailto:#2}{#2}}%
2218     {\href{mailto:#2}{#1}}}
2219 \newif\if@displaypagenumbers\@displaypagenumberstrue
2220 \newcommand*{\nopagenumbers}{\@displaypagenumbersfalse}
2221 \AtBeginDocument{%
2222   \if@displaypagenumbers%
2223     \ifundefined{r@lastpage}{\fi}{%
2224       \ifthenelse{\pageref{lastpage} > 1}{%
2225         \fancypagestyle{plain}{%
2226           \fancyfoot[r]{\beginL\addressfont\@quotecolour\footnotesize\thepage\beginL/\endL\pagestyle{plain}}}%
2227       }%
2228   \AtEndDocument{\label{lastpage}}%
2229   \fi}
2230 \newlength{\bibindent}
2231 \setlength{\bibindent}{1.5em}
2232 \newcommand*{\bibliographyitemlabel}{\includegraphics{bibitem.pdf}}
2233 \newenvironment{thebibliography}[1]{%
2234   {%
2235     \section{\refname}%
2236     \small%
2237     \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
2238     \begin{list}{\bibliographyitemlabel}%
2239       {%
2240         \setlength{\topsep}{0pt}%
2241         \setlength{\labelwidth}{\hintscolumnwidth}%
2242         \setlength{\labelsep}{\separatorcolumnwidth}%
2243         \leftmargin\labelwidth%

```

```

2244         \advance\leftmargin\labelsep%
2245         \@openbib@code%
2246         \usecounter{enumiv}%
2247         \let\p@enumiv\@empty%
2248         \renewcommand\theenumiv{\@arabic\c@enumiv}}%
2249         \sloppy\clubpenalty4000\widowpenalty4000%
2250     }%
2251     {%
2252     \def\@noitemerr{\@latex@warning{Empty ‘thebibliography’ environment}}%
2253     \end{list}}%
2254 }
2255 \newcommand\newblock{\hskip .11em\@plus.33em\@minus.07em}
2256 \let\@openbib@code\@empty

```

7.19 biditools.sty

```

2257 \NeedsTeXFormat{LaTeX2e}
2258 \ProvidesPackage{biditools}[2013/04/10 v0.2 Programming tools for bidi package]
2259 \providecommand{\@bidi@saveprimitive}[2]{\begingroup\escapechar‘\\’\relax
2260   \edef\@tempa{\string#1}\edef\@tempb{\meaning#1}%
2261   \ifx\@tempa\@tempb \global\let#2#1%
2262   \else
2263     \edef\@tempb{\meaning#2}%
2264     \ifx\@tempa\@tempb
2265     \else
2266       \@latex@error{Unable to properly define \string#2; primitive
2267       \noexpand#1no longer primitive}\@eha
2268     \fi
2269   \fi
2270   \endgroup}
2271 \def\@tagsextension{clo}
2272 \def\@definitionfileextension{def}
2273 \def\@iftagsloaded{\@ifl@aded\@tagsextension}
2274 \def\@ifdefinitionfileloaded{\@ifl@aded\@definitionfileextension}
2275 \def\eqnewif#1#2{%
2276   \count@\escapechar \escapechar\m@ne
2277   \let#1\iffalse
2278   \let#2\iffalse
2279   \eq@if#1#2\iftrue
2280   \eq@if#1#2\iffalse
2281   \escapechar\count@}
2282 \def\eq@if#1#2#3{%
2283   \expandafter\def\csname\expandafter\@gobbletwo\string#1%
2284     \expandafter\@gobbletwo\string#3\endcsname
2285     {\let#1#3%
2286     \let#2#3}%
2287   \expandafter\def\csname\expandafter\@gobbletwo\string#2%
2288     \expandafter\@gobbletwo\string#3\endcsname
2289     {\let#2#3%
2290     \let#1#3}}

```

```

2291 \newcommand*{\if@bidi@csdef}[1]{%
2292   \ifcsname#1\endcsname
2293   \expandafter\@firstoftwo
2294   \else
2295   \expandafter\@secondoftwo
2296   \fi}
2297 \newcommand*{\if@bidi@csundef}[1]{%
2298   \ifcsname#1\endcsname
2299   \expandafter\ifx\csname#1\endcsname\relax
2300   \expandafter\expandafter
2301   \expandafter\@firstoftwo
2302   \else
2303   \expandafter\expandafter
2304   \expandafter\@secondoftwo
2305   \fi
2306   \else
2307   \expandafter\@firstoftwo
2308   \fi}
2309 \newcommand{\if@bidi@def}[1]{%
2310   \ifdefined#1%
2311   \expandafter\@firstoftwo
2312   \else
2313   \expandafter\@secondoftwo
2314   \fi}
2315 \newcommand{\if@bidi@undef}[1]{%
2316   \ifdefined#1%
2317   \ifx#1\relax
2318   \expandafter\expandafter
2319   \expandafter\@firstoftwo
2320   \else
2321   \expandafter\expandafter
2322   \expandafter\@secondoftwo
2323   \fi
2324   \else
2325   \expandafter\@firstoftwo
2326   \fi}
2327 \newcommand{\if@bidi@blank}[1]{% from url.sty
2328   \bidi@ifblank@i#1&&\@secondoftwo\@firstoftwo:}
2329 \long\def\bidi@ifblank@i#1#2&#3#4#5:{#4}
2330 \newcommand{\bidi@notblank}[1]{%
2331   \bidi@ifblank@i#1&&\@firstoftwo\@secondoftwo:}
2332 \newcommand{\if@bidi@defmacro}{}
2333 \long\edef\if@bidi@defmacro#1{%
2334   \noexpand\expandafter\noexpand\bidi@ifdefmacro
2335   \noexpand\meaning#1\detokenize{macro}:&}
2336 \edef\bidi@ifdefmacro{%
2337   \def\noexpand\bidi@ifdefmacro##1\detokenize{macro}:##2&
2338   \bidi@ifdefmacro{\bidi@notblank{#2}}
2339 \newcommand*{\if@bidi@csmacro}[1]{%
2340   \if@bidi@csdef{#1}

```

```

2341     {\expandafter\if@bidi@defmacro\csname#1\endcsname}
2342     {\@secondoftwo}}
2343 \newcommand{\if@bidi@defprimitive}[1]{%
2344   \ifprimitive#1%
2345     \expandafter\@firstoftwo
2346   \else
2347     \expandafter\@secondoftwo
2348   \fi}
2349 \newcommand{\if@bidi@csprimitive}[1]{%
2350   \begingroup\expandafter\expandafter\expandafter\endgroup%
2351   \expandafter\ifprimitive\csname#1\endcsname%
2352   \expandafter\@firstoftwo
2353   \else
2354     \expandafter\@secondoftwo
2355   \fi}
2356 \newcommand*{\bidi@csdefcs}[2]{%
2357   \expandafter\@ifdefinable \csname#1\endcsname{%
2358     \expandafter\def\csname#1\expandafter\endcsname{\csname#2\endcsname}}
2359 \newcommand*{\bidi@csletcs}[2]{%
2360   \expandafter\@ifdefinable \csname#1\endcsname{%
2361     \expandafter\let\csname#1\expandafter\endcsname\csname#2\endcsname}}
2362 \newcommand*{\bidi@cslet}[2]{%
2363   \expandafter\@ifdefinable \csname#1\endcsname{%
2364     \expandafter\let\csname#1\endcsname#2}}
2365 \newcommand{\bidi@namelongdef}[1]{%
2366   \long\expandafter\def\csname #1\endcsname}
2367 \def\bidi@ensure@newcommand{\@star@or@long\bidi@ensure@new@command}
2368 \def\bidi@ensure@new@command#1{%
2369   \begingroup \escapechar\m@ne\xdef\@gtempa{\string#1}\endgroup
2370   \expandafter\if@bidi@csundef\@gtempa
2371     {\new@command#1}{\relax%
2372     \let\@ifdefinable\@rc@ifdefinable%
2373     \new@command#1}}
2374 \def\bidi@ensure@newlength#1{\if@bidi@undef#1{\newskip#1}{}}
2375
2376 \protected\def\bidi@error{\PackageError{bidi}}
2377 \protected\def\bidi@warning{\PackageWarning{bidi}}
2378 \protected\def\bidi@info{\PackageInfo{bidi}}
2379
2380 \newcommand*{\bidi@newrobustcmd}{}
2381 \protected\def\bidi@newrobustcmd{\@star@or@long\bidi@new@command}
2382
2383 \def\bidi@new@command#1{\@testopt{\bidi@newcommand#1}0}
2384
2385 \def\bidi@newcommand#1[#2]{%
2386   \@ifnextchar[%
2387     {\bidi@xargdef#1[#2]}
2388     {\ifx\l@ngrel@x\relax
2389       \let\l@ngrel@x\protected
2390     \else

```

```

2391     \protected\def\l@ngrel@x{\protected\long}%
2392     \fi
2393     \@argdef#1[#2]}}
2394
2395 \long\def\bidixargdef#1[#2][#3]#4{%
2396   \ifdefinable#1{%
2397     \expandafter\protected
2398     \expandafter\def
2399     \expandafter#1%
2400     \expandafter{%
2401       \expandafter\@testopt
2402       \csname\string#1\endcsname{#3}}%
2403     \expandafter\@yargdef\csname\string#1\endcsname\tw#{#2}#{#4}}}%
2404
2405 \bidixnewrobustcmd*{\bidixrenewrobustcmd}{\@star@or@long\bidixrenew@command}
2406
2407 \def\bidixrenew@command#1{%
2408   \if@bidixundef{#1}
2409     {\bidixerror{\string#1 undefined}\@ehc}
2410     {}%
2411   \let\@ifdefinable\@rc@ifdefinable
2412   \bidixnew@command#1}
2413
2414
2415
2416 \bidixnewrobustcmd*{\bidixproviderobustcmd}{\@star@or@long\bidixprovide@command}
2417
2418 \def\bidixprovide@command#1{%
2419   \if@bidixundef{#1}
2420     {\def\reserved@a{\bidixnew@command#1}}
2421     {\def\reserved@a{\bidixrenew@command\reserved@a}}%
2422   \reserved@a}
2423
2424 \newcommand*{\bidixcsuse}[1]{%
2425   \ifcsname#1\endcsname
2426     \csname#1\expandafter\endcsname
2427   \fi}
2428
2429 \newcommand{\bidixexpandonce}[1]{%
2430   \unexpanded\expandafter{#1}}
2431
2432 \def\bidixprotected{%
2433   \let\@protect\protect
2434   \let\protect\@unexpandable@protect
2435   \afterassignment\restore@protect}
2436
2437 \bidixnewrobustcmd{\bidixappto}[2]{%
2438   \if@bidixundef{#1}
2439     {\edef#1{\unexpanded{#2}}}
2440     {\edef#1{\bidixexpandonce#1\unexpanded{#2}}}}

```

```

2441 \bidi@newrobustcmd{\bidi@eappto}[2]{%
2442   \if@bidi@undef{#1}
2443     {\edef#1{#2}}
2444     {\edef#1{\bidi@expandonce#1#2}}}
2445 \bidi@newrobustcmd{\bidi@gappto}[2]{%
2446   \if@bidi@undef{#1}
2447     {\xdef#1{\unexpanded{#2}}}
2448     {\xdef#1{\bidi@expandonce#1\unexpanded{#2}}}}
2449 \bidi@newrobustcmd{\bidi@xappto}[2]{%
2450   \if@bidi@undef{#1}
2451     {\xdef#1{#2}}
2452     {\xdef#1{\bidi@expandonce#1#2}}}
2453
2454 \bidi@newrobustcmd*{\bidi@protected@eappto}{\bidi@protected\bidi@eappto}
2455 \bidi@newrobustcmd*{\bidi@protected@xappto}{\bidi@protected\bidi@xappto}
2456
2457
2458
2459 \bidi@newrobustcmd{\bidi@preto}[2]{%
2460   \if@bidi@undef{#1}
2461     {\edef#1{\unexpanded{#2}}}
2462     {\edef#1{\unexpanded{#2}\bidi@expandonce#1}}}
2463 \bidi@newrobustcmd{\bidi@epreto}[2]{%
2464   \if@bidi@undef{#1}
2465     {\edef#1{#2}}
2466     {\edef#1{#2\bidi@expandonce#1}}}
2467 \bidi@newrobustcmd{\bidi@gpreto}[2]{%
2468   \if@bidi@undef{#1}
2469     {\xdef#1{\unexpanded{#2}}}
2470     {\xdef#1{\unexpanded{#2}\bidi@expandonce#1}}}
2471 \bidi@newrobustcmd{\bidi@xpreto}[2]{%
2472   \if@bidi@undef{#1}
2473     {\xdef#1{#2}}
2474     {\xdef#1{#2\bidi@expandonce#1}}}
2475
2476 \bidi@newrobustcmd*{\bidi@protected@epreto}{\bidi@protected\bidi@epreto}
2477 \bidi@newrobustcmd*{\bidi@protected@xpreto}{\bidi@protected\bidi@xpreto}
2478
2479
2480
2481 \bidi@newrobustcmd*{\bidi@csappto}[1]{\expandafter\bidi@appto\csname#1\endcsname}
2482 \bidi@newrobustcmd*{\bidi@cseappto}[1]{\expandafter\bidi@eappto\csname#1\endcsname}
2483 \bidi@newrobustcmd*{\bidi@csgappto}[1]{\expandafter\bidi@gappto\csname#1\endcsname}
2484 \bidi@newrobustcmd*{\bidi@csxappto}[1]{\expandafter\bidi@xappto\csname#1\endcsname}
2485 \bidi@newrobustcmd*{\bidi@protected@cseappto}{\bidi@protected\bidi@cseappto}
2486 \bidi@newrobustcmd*{\bidi@protected@csxappto}{\bidi@protected\bidi@csxappto}
2487
2488
2489
2490 \bidi@newrobustcmd*{\bidi@cspreto}[1]{\expandafter\bidi@preto\csname#1\endcsname}

```



```

2491 \bidi@newrobustcmd*{\bidi@csepreto}[1]{\expandafter\bidi@epreto\csname#1\endcsname}
2492 \bidi@newrobustcmd*{\bidi@csgpreto}[1]{\expandafter\bidi@gpreto\csname#1\endcsname}
2493 \bidi@newrobustcmd*{\bidi@csxpreto}[1]{\expandafter\bidi@xpreto\csname#1\endcsname}
2494 \bidi@newrobustcmd*{\bidi@protected@csepreto}{\bidi@protected\bidi@csepreto}
2495 \bidi@newrobustcmd*{\bidi@protected@csxpreto}{\bidi@protected\bidi@csxpreto}
2496
2497
2498
2499 \bidi@newrobustcmd{\if@bidi@patchable}{%
2500   \bidi@dbg@trce\if@bidi@patchable
2501   \begingroup
2502   \@makeother\#%
2503   \@ifstar\bidi@ifpatchable@i\bidi@ifpatchable}
2504
2505 \long\def\bidi@ifpatchable#1#2{%
2506   \endgroup
2507   \bidi@dbg@init#1%
2508   \if@bidi@undef{#1}
2509     {\bidi@dbg@fail{def}\@secondoftwo}
2510     {\bidi@dbg@info{def}%
2511      \if@bidi@defmacro{#1}
2512        {\bidi@dbg@info{mac}%
2513         \bidi@ifscanable{#1}
2514         {\bidi@ifhashcheck{#2}
2515           {\bidi@dbg@info{tok}%
2516            \bidi@ifpattern#1{#2}
2517             {\bidi@dbg@info{pat}%
2518              \bidi@dbg@info{pos}\@firstoftwo}
2519             {\bidi@dbg@fail{pat}\@secondoftwo}}
2520             {\bidi@dbg@fail{hsh}\@secondoftwo}}
2521             {\bidi@dbg@fail{tok}\@secondoftwo}}
2522             {\bidi@dbg@fail{mac}\@secondoftwo}}}
2523
2524 \long\def\bidi@ifpatchable@i#1{%
2525   \endgroup
2526   \bidi@dbg@init#1%
2527   \if@bidi@undef{#1}
2528     {\bidi@dbg@fail{def}\@secondoftwo}
2529     {\bidi@dbg@info{def}%
2530      \if@bidi@defmacro{#1}
2531        {\bidi@dbg@info{mac}%
2532         \if@bidi@defparam{#1}
2533           {\bidi@dbg@info{prm}%
2534            \bidi@ifscanable{#1}
2535             {\bidi@dbg@info{tok}%
2536              \bidi@dbg@info{pos}\@firstoftwo}
2537              {\bidi@dbg@fail{tok}\@secondoftwo}}
2538             {\bidi@dbg@info{prl}%
2539              \if@bidi@defprotected{#1}
2540                {\bidi@dbg@info{pro}}

```

```

2541         {}%
2542         \bidi@dbg@info{pos}\@firstoftwo}}
2543     {\bidi@dbg@fail{mac}\@secondoftwo}}
2544
2545 \bidi@newrobustcmd*{\bidi@patchcmd}{%
2546 \bidi@dbg@trce\bidi@patchcmd
2547 \beginingroup
2548 \@makeother\%
2549 \bidi@@patchcmd}
2550
2551 \newcommand{\bidi@@patchcmd}[4][#####1]{%
2552 \bidi@ifpatchable#2{#3}
2553 {\bidi@dbg@succ{ret}}%
2554 \beginingroup
2555 \edef\bidi@resrvda{%
2556 \def\noexpand\bidi@resrvda####1\detokenize{macro:}####2->####3&{%
2557 #1\def\string\bidi@resrvda\space####2{\noexpand\bidi@resrvdb####3&}}%
2558 \def\noexpand\bidi@resrvdb####1\detokenize{#3}####2&{%
2559 ####1\detokenize{#4}####2}%
2560 \edef\noexpand\bidi@resrvda{%
2561 \noexpand\bidi@resrvda\meaning#2&}}%
2562 \bidi@resrvda
2563 \bidi@patchcmd@scantoks\bidi@resrvda
2564 \let#2\bidi@resrvda
2565 \bidi@undef\bidi@resrvda
2566 \@firstoftwo}
2567 {\@secondoftwo}}
2568
2569 \def\bidi@patchcmd@scantoks#1{%
2570 \edef\bidi@resrvda{\endgroup
2571 \unexpanded{\makeatletter\scantokens}{#1}%
2572 \catcode\number'\@=\the\catcode'\@ \relax}%
2573 \bidi@resrvda}
2574
2575 \newcommand\bidi@isloaded[2][]{
2576 \expandafter\ifx\csname if@bidi@#2loaded@endcsname\relax
2577 \expandafter\newif\csname if@bidi@#2loaded@endcsname
2578 \fi
2579 \@ifpackageloaded{#2}
2580 {\csname @bidi@#2loaded@true\endcsname #1}
2581 {\csname @bidi@#2loaded@false\endcsname}}
2582
2583 \protected\def\bidi@ifscanable#1{%
2584 \beginingroup
2585 \edef\bidi@resrvda{%
2586 \def\noexpand\bidi@resrvda####1\detokenize{macro}:####2->####3&{%
2587 ####1\def\string\bidi@resrvda####2{####3}}%
2588 \edef\noexpand\bidi@resrvda{\noexpand\bidi@resrvda\meaning#1&}}%
2589 \bidi@resrvda
2590 \makeatletter

```

```

2591 \scantokens\expandafter{\bidi@resrvda}%
2592 \expandafter\endgroup\ifx#1\bidi@resrvda
2593 \expandafter\@firstoftwo
2594 \else
2595 \expandafter\@secondoftwo
2596 \fi}
2597
2598
2599 \protected\long\def\bidi@ifhashcheck#1{%
2600 \begingroup
2601 \edef\bidi@resrvda{\detokenize{#1}}%
2602 \expandafter\endgroup
2603 \expandafter\bidi@ifhashcheck@i\meaning\bidi@resrvda&}
2604
2605 \edef\bidi@ifhashcheck@i#1{%
2606 \noexpand\expandafter
2607 \noexpand\bidi@ifhashcheck@ii
2608 \noexpand\strip@prefix#1\string#\string#&}
2609
2610 \edef\bidi@ifhashcheck@ii{%
2611 \def\noexpand\bidi@ifhashcheck@ii##1\string#\string###2&}
2612 \bidi@ifhashcheck@ii{\if@bidi@blank{#2}}
2613
2614
2615 \protected\long\def\bidi@ifpattern#1#2{%
2616 \begingroup
2617 \edef\bidi@resrvda{%
2618 \def\noexpand\bidi@resrvda####1\detokenize{#2}###2&{%
2619 \endgroup\noexpand\noexpand\noexpand\noexpand\if@bidi@blank{####2}}}%
2620 \edef\noexpand\bidi@resrvda{\noexpand\bidi@resrvda
2621 \expandafter\strip@prefix\meaning#1\detokenize{#2}&}%
2622 \noexpand\bidi@resrvda}
2623 \bidi@resrvda\@secondoftwo\@firstoftwo}
2624
2625
2626 \newcommand{\if@bidi@defparam}{%
2627 \long\edef\if@bidi@defparam#1{%
2628 \noexpand\expandafter\noexpand\bidi@ifdefparam
2629 \noexpand\meaning#1\detokenize{macro}:->&}
2630 \edef\bidi@ifdefparam{%
2631 \def\noexpand\bidi@ifdefparam##1\detokenize{macro}:##2->##3&}
2632 \bidi@ifdefparam{\bidi@notblank{#2}}
2633
2634
2635 \newcommand{\if@bidi@defprotected}{%
2636 \long\edef\if@bidi@defprotected#1{%
2637 \noexpand\expandafter\noexpand\bidi@ifdefprotected
2638 \noexpand\meaning#1\string\protected&}
2639 \edef\bidi@ifdefprotected{%
2640 \def\noexpand\bidi@ifdefprotected##1\string\protected##2&}

```

```

2641 \bidi@ifdefprotected{\bidi@notblank{#2}}
2642
2643
2644 \bidi@newrobustcmd{\bidi@undef}[1]{\let#1\bidi@undefined}
2645
2646 \let\bidi@dbg@trce\@gobble
2647 \let\bidi@dbg@init\@gobble
2648 \let\bidi@dbg@info\@gobble
2649 \let\bidi@dbg@succ\@gobble
2650 \let\bidi@dbg@fail\@gobble
2651
2652
2653
2654 \bidi@newrobustcmd*\bidi@apptocmd*{%
2655   \bidi@dbg@trce\bidi@apptocmd
2656   \begingroup
2657   \@makeother\#%
2658   \bidi@hooktocmd\bidi@append}
2659
2660
2661
2662 \bidi@newrobustcmd*\bidi@pretocmd*{%
2663   \bidi@dbg@trce\bidi@pretocmd
2664   \begingroup
2665   \@makeother\#%
2666   \bidi@hooktocmd\bidi@prepend}
2667
2668 \long\def\bidi@hooktocmd#1#2#3{%
2669   \endgroup
2670   \bidi@dbg@init#2%
2671   \if@bidi@undef{#2}
2672     {\bidi@dbg@fail{def}\@secondoftwo}
2673     {\bidi@dbg@info{def}%
2674       \if@bidi@defmacro{#2}
2675         {\bidi@dbg@info{mac}%
2676           \if@bidi@defparam{#2}
2677             {\bidi@dbg@info{prm}%
2678               \bidi@ifscanable{#2}
2679                 {\bidi@ifhashcheck{#3}
2680                   {\bidi@dbg@info{tok}%
2681                     \bidi@dbg@succ{ret}%
2682                     \bidi@hooktocmd@i#1#2{#3}%
2683                     \@firstoftwo}
2684                   {\bidi@dbg@fail{hsh}\@secondoftwo}}
2685                 {\bidi@dbg@fail{tok}\@secondoftwo}}
2686             {\bidi@dbg@info{prl}%
2687               \if@bidi@defprotected{#2}
2688                 {\bidi@dbg@info{pro}%
2689                   \bidi@dbg@succ{red}%
2690                   \protected}

```

```

2691         {\bidi@dbg@succ{red}}}%
2692         \edef#2{#1{\bidi@expandonce#2}{\unexpanded{#3}}}%
2693         \@firstoftwo}}
2694     {\bidi@dbg@fail{mac}\@secondoftwo}}
2695
2696 \long\def\bidi@hooktocmd@i#1#2#3{%
2697   \begingroup
2698   \edef\bidi@resrvda{%
2699     \def\noexpand\bidi@resrvda####1\detokenize{macro}:####2->####3&{%
2700       ####1\def\string\bidi@resrvda\space####2{#1{####3}{\detokenize{#3}}}}}%
2701     \edef\noexpand\bidi@resrvda{%
2702       \noexpand\bidi@resrvda\meaning#2&}}%
2703   \bidi@resrvda
2704   \bidi@patchcmd@scantoks\bidi@resrvda
2705   \let#2\bidi@resrvda
2706   \bidi@undef\bidi@resrvda}
2707
2708 \long\def\bidi@append#1#2{#1#2}
2709 \long\def\bidi@prepend#1#2{#2#1}
2710
2711 \bidi@newrobustcmd*{\bidi@AtEndPreamble}{\bidi@gappto\bidi@endpreamblehook}
2712 \newcommand*{\bidi@endpreamblehook}{}
2713
2714 \bidi@preto\document{%
2715   \endgroup
2716   \let\bidi@AtEndPreamble\@firstofone
2717   \bidi@endpreamblehook
2718   \protected\def\bidi@AtEndPreamble{\@notprerr\@gobble}%
2719   \bidi@undef\bidi@endpreamblehook
2720   \begingroup}
2721
2722 \bidi@newrobustcmd*{\bidi@AfterPreamble}{\AtBeginDocument}
2723 \bidi@AtEndPreamble{\let\bidi@AfterPreamble\@firstofone}
2724
2725 \bidi@newrobustcmd*{\bidi@AfterEndPreamble}{\bidi@gappto\bidi@afterendpreamblehook}
2726 \newcommand*{\bidi@afterendpreamblehook}{}
2727
2728 \bidi@appto\document{%
2729   \let\bidi@AfterEndPreamble\@firstofone
2730   \bidi@afterendpreamblehook
2731   \protected\def\bidi@AfterEndPreamble{\@notprerr\@gobble}%
2732   \bidi@undef\bidi@afterendpreamblehook
2733   \ignorespaces}
2734
2735 \AtEndDocument{\let\bidi@AfterEndPreamble\@gobble}
2736
2737 \bidi@newrobustcmd*{\bidi@AfterEndDocument}{\bidi@gappto\bidi@afterenddocumenthook}
2738 \newcommand*{\bidi@afterenddocumenthook}{}
2739
2740 \bidi@patchcmd\enddocument

```

```

2741 {\deadcycles}
2742 {\let\bid@AfterEndDocument\@firstofone
2743 \bid@afterenddocumenthook
2744 \deadcycles}
2745 {}
2746 {\let\bid@@end\@end
2747 \def\@end{%
2748 \let\bid@AfterEndDocument\@firstofone
2749 \bid@afterenddocumenthook
2750 \bid@@end}}
2751
2752 \bid@newrobustcmd{\bid@AtBeginEnvironment}[1]{%
2753 \bid@csgappto{@begin@#1@hook}}
2754
2755 \bid@patchcmd\begin
2756 {\csname #1\endcsname}
2757 {\bid@csuse{@begin@#1@hook}%
2758 \csname #1\endcsname}
2759 {}
2760 {\bid@warning{%
2761 Patching '\string\begin' failed!\MessageBreak
2762 '\string\bid@AtBeginEnvironment' will not work\@gobble}}
2763
2764
2765
2766 \bid@newrobustcmd{\bid@AtEndEnvironment}[1]{%
2767 \bid@csgappto{@end@#1@hook}}
2768
2769 \bid@patchcmd\end
2770 {\csname end#1\endcsname}
2771 {\bid@csuse{@end@#1@hook}%
2772 \csname end#1\endcsname}
2773 {}
2774 {\bid@warning{%
2775 Patching '\string\end' failed!\MessageBreak
2776 '\string\bid@AtEndEnvironment' will not work\@gobble}}
2777
2778
2779
2780 \bid@newrobustcmd{\bid@BeforeBeginEnvironment}[1]{%
2781 \bid@csgappto{@beforebegin@#1@hook}}
2782
2783 \bid@pretocmd\begin
2784 {\bid@csuse{@beforebegin@#1@hook}}
2785 {}
2786 {\bid@warning{%
2787 Patching '\string\begin' failed!\MessageBreak
2788 '\string\bid@BeforeBeginEnvironment' will not work\@gobble}}
2789
2790

```

```

2791
2792 \bidi@newrobustcmd{\bidi@AfterEndEnvironment}[1]{%
2793   \bidi@csgappto{@afterend@#1@hook}}
2794
2795 \bidi@patchcmd\end
2796   {\if@ignore}
2797   {\bidi@cscuse{@afterend@#1@hook}%
2798    \if@ignore}
2799   {}
2800   {\bidi@warning{%
2801     Patching '\string\end' failed!\MessageBreak
2802     '\string\bidi@AfterEndEnvironment' will not work@gobble}}

```

7.20 bidiutfefloat.sty

```

2803 \NeedsTeXFormat{LaTeX2e}
2804 \ProvidesPackage{bidiutfefloat}[2011/06/14 v0.1
2805 bidi implementation of tufte float]
2806 \RequirePackage{xifthen}
2807 \newcommand{\@bidiutfefloat@pkgname}{bidiutfefloat}
2808 \newcommand{\bidiutfefloatError}[2]{\PackageError{\@bidiutfefloat@pkgname}{#1}{#2}}
2809 \newcommand{\bidiutfefloatDebugInfoNL}[1]{\ifthenelse{\boolean{\@bidiutfefloat@debug}}{\bidi
2810 \newcommand{\bidiutfefloatInfoNL}[1]{\PackageInfo{\@bidiutfefloat@pkgname}{#1@gobble}}
2811 \newboolean{\@bidiutfefloat@RTLgeometry}
2812 \setboolean{\@bidiutfefloat@RTLgeometry}{true}
2813 \DeclareOption{RTLgeometry}{\setboolean{\@bidiutfefloat@RTLgeometry}{true}}
2814 \DeclareOption{LTRgeometry}{\setboolean{\@bidiutfefloat@RTLgeometry}{false}}
2815 \newboolean{\@bidiutfefloat@a4paper}
2816 \DeclareOption{a4paper}{\setboolean{\@bidiutfefloat@a4paper}{true}}
2817 \newboolean{\@bidiutfefloat@b5paper}
2818 \DeclareOption{b5paper}{\setboolean{\@bidiutfefloat@b5paper}{true}}
2819 \newboolean{\@bidiutfefloat@symmetric}
2820 \newboolean{\@bidiutfefloat@twoside}
2821 \DeclareOption{twoside}{%
2822 \@twosidetrue \mparswitchtrue%
2823 \setboolean{\@bidiutfefloat@twoside}{true}%
2824 \setboolean{\@bidiutfefloat@symmetric}{true}%
2825 }
2826 \DeclareOption{oneside}{%
2827 \@twosidefalse \mparswitchfalse%
2828 \setboolean{\@bidiutfefloat@twoside}{false}%
2829 \setboolean{\@bidiutfefloat@symmetric}{false}%
2830 }
2831 \@ifclassloaded{book}{\ExecuteOptions{twoside}}{}
2832 \newboolean{\@bidiutfefloat@debug}
2833 \newcommand*{\@bidiutfefloat@caption@justification}{\@bidiutfefloat@justification@autodetec
2834 \ProcessOptions
2835 %% Globally sets the length
2836 \newcommand*{\gsetlength}[2]{%
2837   \setlength{#1}{#2}%

```

```

2838 \global#1=#1\relax%
2839 }
2840 %% Globally sets a boolean
2841 \newcommand*\gsetboolean{2}{% based on code from ifthen pkg
2842 \lowercase{\def\@tempa{#2}}%
2843 \@ifundefined{@tempwa\@tempa}%
2844 {\PackageError{ifthen}{You can only set a boolean to 'true' or 'false'}\@ehc}%
2845 {\@ifundefined{#1\@tempa}%
2846 {\PackageError{ifthen}{Boolean #1 undefined}\@ehc}%
2847 {\global\csname#1\@tempa\endcsname}%
2848 }%
2849 }
2850 %% Set the font sizes and baselines to match bidentuftefloat's books
2851 \renewcommand\normalsize{%
2852 \setfontsize\normalsize\@xpt{14}%
2853 \abovedisplayskip 10\p@ \@plus2\p@ \@minus5\p@
2854 \abovedisplayshortskip \z@ \@plus3\p@
2855 \belowdisplayshortskip 6\p@ \@plus3\p@ \@minus3\p@
2856 \belowdisplayskip \abovedisplayskip
2857 \let\@listi\@listI}
2858 \normalbaselineskip=14pt
2859 \normalsize
2860 \renewcommand\footnotesize{%
2861 \setfontsize\footnotesize\@viipt{10}%
2862 \abovedisplayskip 6\p@ \@plus2\p@ \@minus4\p@
2863 \abovedisplayshortskip \z@ \@plus\p@
2864 \belowdisplayshortskip 3\p@ \@plus\p@ \@minus2\p@
2865 \def\@listi{\leftmargin\leftmarginI
2866 \topsep 3\p@ \@plus\p@ \@minus\p@
2867 \parsep 2\p@ \@plus\p@ \@minus\p@
2868 \itemsep \parsep}%
2869 \belowdisplayskip \abovedisplayskip
2870 }
2871 %% Paragraph indentation and separation for marginal text
2872 \newcommand{\@bidentuftefloat@margin@par}{%
2873 \setlength{\RaggedRightParindent}{0.5pc}%
2874 \setlength{\JustifyingParindent}{0.5pc}%
2875 \setlength{\parindent}{0.5pc}%
2876 \setlength{\parskip}{0pt}%
2877 }
2878 \RequirePackage{ragged2e}
2879 \ifthenelse{\boolean{@bidentuftefloat@RTLgeometry}}{%
2880 \RequirePackage[letterpaper,right=1in,top=1in,headsep=2\baselineskip,textwidth=26pc,marginpar]{ragged2e}
2881 \ifthenelse{\boolean{@bidentuftefloat@a4paper}}{
2882 {\geometry{a4paper,right=24.8mm,top=27.4mm,headsep=2\baselineskip,textwidth=107mm,marginpar}{
2883 }
2884 \ifthenelse{\boolean{@bidentuftefloat@b5paper}}{
2885 {\geometry{paperwidth=176mm,paperheight=250mm,right=14.66mm,top=13.88mm,textwidth=102.66mm,
2886 }{}%
2887 \RequirePackage[letterpaper,left=1in,top=1in,headsep=2\baselineskip,textwidth=26pc,marginpar]{ragged2e}

```



```

2888 \ifthenelse{\boolean{@bidituftefloat@a4paper}}
2889   {\geometry{a4paper,left=24.8mm,top=27.4mm,headsep=2\baselineskip,textwidth=107mm,marginpars
2890    {}
2891 \ifthenelse{\boolean{@bidituftefloat@b5paper}}
2892   {\geometry{paperwidth=176mm,paperheight=250mm,left=14.66mm,top=13.88mm,textwidth=102.66mm,n
2893   {}
2894 \ifthenelse{\boolean{@bidituftefloat@symmetric}}
2895   {}
2896   {\geometry{asymmetric}}}% forces internal LaTeX 'twoside'
2897 \setlength\marginparpush{10pt}
2898 %% Font for margin items
2899 \newcommand{\@bidituftefloat@marginfont}{\normalfont\footnotesize}
2900 \newcommand*{\@bidituftefloat@caption@font}{\@bidituftefloat@marginfont}
2901 \newcommand*{\setcaptionfont}[1]{\renewcommand*{\@bidituftefloat@caption@font}{#1}}
2902 \newcommand{\@bidituftefloat@justification}{\justifying}%
2903 \setlength\abovedisplayskip{6pt plus 2pt minus 4pt}
2904 \setlength\belowdisplayskip{6pt plus 2pt minus 4pt}
2905 \newboolean{@bidituftefloat@changepage}
2906 \IfFileExists{changepage.sty}{%
2907   \bidituftefloatDebugInfoNL{Found changepage.sty}
2908   \RequirePackage[strict]{changepage}
2909   \setboolean{@bidituftefloat@changepage}{true}
2910 }{%
2911   \bidituftefloatDebugInfoNL{Found chngpage.sty}
2912   \RequirePackage[strict]{chngpage}
2913   \setboolean{@bidituftefloat@changepage}{false}
2914 }
2915 \newboolean{@bidituftefloat@odd@page}
2916 \setboolean{@bidituftefloat@odd@page}{true}
2917 \newcommand*{\@bidituftefloat@checkoddpage}{%
2918   \checkoddpage%
2919   \ifthenelse{\boolean{@bidituftefloat@changepage}}{%
2920     \ifoddpage%
2921       \setboolean{@bidituftefloat@odd@page}{true}%
2922     \else%
2923       \setboolean{@bidituftefloat@odd@page}{false}%
2924     \fi%
2925   }{%
2926     \ifcpoddpage%
2927       \setboolean{@bidituftefloat@odd@page}{true}%
2928     \else%
2929       \setboolean{@bidituftefloat@odd@page}{false}%
2930     \fi%
2931   }%
2932 }
2933 \newlength{\@bidituftefloat@overhang}% used by the fullwidth environment and the running head
2934 \newlength{\@bidituftefloat@fullwidth}
2935 \newlength{\@bidituftefloat@caption@fill}
2936 \newcommand{\bidituftefloatRecalculate}{%
2937   \setlength{\@bidituftefloat@overhang}{\marginparwidth}

```

```

2938 \addtolength{\@bituftefloat@overhang}{\marginparsep}
2939
2940 \setlength{\@bituftefloat@fullwidth}{\textwidth}
2941 \addtolength{\@bituftefloat@fullwidth}{\marginparsep}
2942 \addtolength{\@bituftefloat@fullwidth}{\marginparwidth}
2943
2944 \setlength{\@bituftefloat@caption@fill}{\textwidth}
2945 \addtolength{\@bituftefloat@caption@fill}{\marginparsep}
2946 }
2947 \AtBeginDocument{\bituftefloatRecalculate}
2948 \RequirePackage{optparams}% provides multiple optional arguments for commands
2949 \RequirePackage{placeins}
2950 \newsavebox{\@bituftefloat@margin@floatbox}
2951 \newenvironment{@bituftefloat@margin@float}[2][-1.2ex]%
2952 {\FloatBarrier% process all floats before this point so the figure/table numbers stay in order}
2953 \begin{lrbox}{\@bituftefloat@margin@floatbox}%
2954 \begin{minipage}{\marginparwidth}%
2955 \@bituftefloat@caption@font%
2956 \def\@capttype{#2}%
2957 \hbox{}\vspace*{#1}%
2958 \@bituftefloat@caption@justification%
2959 \@bituftefloat@margin@par%
2960 \noindent%
2961 }
2962 {\end{minipage}%
2963 \end{lrbox}%
2964 \marginpar{\usebox{\@bituftefloat@margin@floatbox}}%
2965 }
2966 \newenvironment{marginfigure}[1][-1.2ex]%
2967 {\begin{@bituftefloat@margin@float}[#1]{figure}}
2968 {\end{@bituftefloat@margin@float}}
2969 \newenvironment{margintable}[1][-1.2ex]%
2970 {\begin{@bituftefloat@margin@float}[#1]{table}}
2971 {\end{@bituftefloat@margin@float}}
2972 \newcommand*{\@bituftefloat@justification@autodetect}{\justifying}%
2973
2974 \newcommand{\@bituftefloat@float@debug@info}{%} contains debug info generated as the float is processed
2975 \newcommand{\@bituftefloat@float@debug}[1]{%} adds debug info to the queue for output
2976 \ifthenelse{\equal{\@bituftefloat@float@debug@info}{}}{%
2977 {\def\@bituftefloat@float@debug@info{#1}}%
2978 {\g@addto@macro\@bituftefloat@float@debug@info{\MessageBreak#1}}%
2979 }
2980 \newcommand{\floatalignment}{x}% holds the current float alignment (t, b, h, p)
2981 \newcommand{\setfloatalignment}[1]{\global\def\floatalignment{#1}\@bituftefloat@float@debug@info{setfloatalignment}}
2982 \newboolean{@bituftefloat@float@recto}
2983 \newcommand{\forcerectofloat}{\gsetboolean{@bituftefloat@float@recto}{true}\@bituftefloat@float@debug@info{forcerectofloat}}
2984 \newcommand{\forceversofloat}{\gsetboolean{@bituftefloat@float@recto}{false}\@bituftefloat@float@debug@info{forceversofloat}}
2985 \newsavebox{\@bituftefloat@figure@box}
2986 \newsavebox{\@bituftefloat@caption@box}
2987 \let\@bituftefloat@orig@float\@float

```

```

2988 \let\@biditytfloat@orig@endfloat\end@float
2989 \newlength{\@biditytfloat@caption@vertical@offset}
2990 \setlength{\@biditytfloat@caption@vertical@offset}{0pt}
2991 \newcommand{\@biditytfloat@stored@shortcaption}{ }
2992 \newcommand{\@biditytfloat@stored@caption}{ }
2993 \newcommand{\@biditytfloat@stored@label}{ }
2994 \long\def\@biditytfloat@caption[#1][#2]#3{%
2995   \ifthenelse{\isempty{#1}}%
2996     {\gdef\@biditytfloat@stored@shortcaption{#3}}%
2997     {\gdef\@biditytfloat@stored@shortcaption{#1}}%
2998   \gsetlength{\@biditytfloat@caption@vertical@offset}{-#2}% we want a positive offset to l
2999   \gdef\@biditytfloat@stored@caption{#3}%
3000 }
3001 \newcommand{\@biditytfloat@label}[1]{%
3002   \gdef\@biditytfloat@stored@label{#1}%
3003 }
3004 \newcommand{\@biditytfloat@fps}{ }
3005 \newboolean{\@biditytfloat@float@star}
3006 \newlength{\@biditytfloat@float@contents@width}
3007 \newenvironment{\@biditytfloat@float}[3][htbp]%
3008 { % begin \@biditytfloat@float
3009   % Should this float be full-width or just text-width?
3010   \ifthenelse{\equal{#3}{star}}%
3011     {\gsetboolean{\@biditytfloat@float@star}{true}}%
3012     {\gsetboolean{\@biditytfloat@float@star}{false}}%
3013   % Check page side (recto/verso) and store detected value -- can be overridden in environme
3014   \@biditytfloat@checkoddpage%
3015   \ifthenelse{\boolean{\@biditytfloat@odd@page}}%
3016     {\gsetboolean{\@biditytfloat@float@recto}{true}\@biditytfloat@float@debug{Detected p
3017     {\gsetboolean{\@biditytfloat@float@recto}{false}\@biditytfloat@float@debug{Detected
3018   % If the float placement specifier is 'b' and only 'b', then bottom-align the mini-pages.
3019   \renewcommand{\@biditytfloat@fps}{#1}%
3020   \@biditytfloat@float@debug{Allowed positions: [ #1 ]}%
3021   \ifthenelse{\equal{#1}{b}\OR\equal{#1}{B}}%
3022     {\renewcommand{\floatalignment}{b}\@biditytfloat@float@debug{Presumed position: [bott
3023     {\renewcommand{\floatalignment}{t}\@biditytfloat@float@debug{Presumed position: [top]
3024   % Capture the contents of the \caption and \label commands to use later
3025   \global\let\@biditytfloat@orig@caption\caption%
3026   \global\let\@biditytfloat@orig@label\label%
3027   \renewcommand{\caption}{\optparams{\@biditytfloat@caption}{[ ][Opt]}}%
3028   \renewcommand{\label}[1]{\@biditytfloat@label{##1}}%
3029   % Handle subfigure package compatibility
3030   \ifthenelse{\boolean{\@biditytfloat@packages@subfigure}}{%
3031     % don't move the label while inside a \subfigure or \subtable command
3032     \global\let\label\@biditytfloat@orig@label%
3033   }{% % subfigure package is not loaded
3034     \@biditytfloat@orig@float{#2}[#1}%
3035   \ifthenelse{\boolean{\@biditytfloat@float@star}}%
3036     {\setlength{\@biditytfloat@float@contents@width}{\@biditytfloat@fullwidth}}%
3037     {\setlength{\@biditytfloat@float@contents@width}{\textwidth}}%

```

```

3038 \begin{lrbox}{\@bittuftefloat@figure@box}%
3039 \begin{minipage}{\floatalignment}{\@bittuftefloat@float@contents@width}\hbox{}%
3040 }{% end @bittuftefloat@float
3041 \par\hbox{}\vspace{-\baselineskip}\ifthenelse{\prevdepth>0}{\vspace{-\prevdepth}}{ }% al
3042 \end{minipage}%
3043 \end{lrbox}%
3044 % build the caption box
3045 \begin{lrbox}{\@bittuftefloat@caption@box}%
3046 \begin{minipage}{\floatalignment}{\marginparwidth}\hbox{}%
3047 \ifthenelse{\NOT\equal{\@bittuftefloat@stored@caption}{}}{\@bittuftefloat@orig@capt
3048 \ifthenelse{\NOT\equal{\@bittuftefloat@stored@label}{}}{\@bittuftefloat@orig@label
3049 \par\vspace{-\prevdepth}}% TODO: DOUBLE-CHECK FOR SAFETY
3050 \end{minipage}%
3051 \end{lrbox}%
3052 % now typeset the stored boxes
3053 \begin{fullwidth}%
3054 \begin{minipage}{\floatalignment}{\linewidth}%
3055 \ifthenelse{\boolean{@bittuftefloat@float@star}}%
3056 {\@bittuftefloat@float@fullwidth[\@bittuftefloat@caption@vertical@offset]{\@bitt
3057 {\@bittuftefloat@float@textwidth[\@bittuftefloat@caption@vertical@offset]{\@bitt
3058 \end{minipage}%
3059 \end{fullwidth}%
3060 \@bittuftefloat@orig@endfloat% end original LaTeX float environment
3061 % output debug info
3062 \ifthenelse{\boolean{@bittuftefloat@debug}}{%
3063 \typeout{^^J^^J----- bittuftefloat package float information -----}%
3064 \ifthenelse{\equal{\@bittuftefloat@stored@label}{}}%
3065 {\typeout{Warning: Float unlabeled!}}%
3066 {\typeout{Float label: [\@bittuftefloat@stored@label]}}%
3067 \typeout{Page number: [\thepage]}%
3068 \def\MessageBreak{^^J}%
3069 \typeout{\@bittuftefloat@float@debug@info}%
3070 \ifthenelse{\boolean{@bittuftefloat@symmetric}}%
3071 {\typeout{Symmetric: [true]}}%
3072 {\typeout{Symmetric: [false]}}%
3073 \typeout{-----^^J^^J}%
3074 }{}%
3075 % reset commands and temp boxes and captions
3076 \gdef\@bittuftefloat@float@debug@info{}%
3077 \let\caption\@bittuftefloat@orig@caption%
3078 \let\label\@bittuftefloat@orig@label%
3079 \begin{lrbox}{\@bittuftefloat@figure@box}\hbox{}\end{lrbox}%
3080 \begin{lrbox}{\@bittuftefloat@caption@box}\hbox{}\end{lrbox}%
3081 \gdef\@bittuftefloat@stored@shortcaption{}%
3082 \gdef\@bittuftefloat@stored@caption{}%
3083 \gdef\@bittuftefloat@stored@label{}%
3084 \gsetlength{\@bittuftefloat@caption@vertical@offset}{0pt}% reset caption offset
3085 }
3086 \newcommand{\@bittuftefloat@float@textwidth}[3][0pt]{%
3087 \ifthenelse{\NOT\boolean{@bittuftefloat@symmetric}}\OR\boolean{@bittuftefloat@float@recto}

```

```

3088 % asymmetric or page is odd, so caption is on the right
3089 \hbox{%
3090   \usebox{#2}%
3091   \hspace{\marginparsep}%
3092   \smash{\raisebox{#1}{\usebox{#3}}}%
3093 }
3094 \@bituftefloat@float@debug{Caption position: [right]]%
3095 }{% symmetric pages and page is even, so caption is on the left
3096   \hbox{%
3097     \smash{\raisebox{#1}{\usebox{#3}}}%
3098     \hspace{\marginparsep}%
3099     \usebox{#2}%
3100   }
3101   \@bituftefloat@float@debug{Caption position: [left]]%
3102 }%
3103 }
3104 \newcommand{\@bituftefloat@float@fullwidth}[3][Opt]{%
3105   \ifthenelse{\equal{\floatalignment}{b}}{%
3106     {% place caption above figure
3107       \ifthenelse{\NOT\boolean{@bituftefloat@symmetric}}\OR\boolean{@bituftefloat@float@re
3108         {\hfill\smash{\raisebox{#1}{\usebox{#3}}}\par\usebox{#2}\@bituftefloat@float@debug
3109         {\smash{\raisebox{#1}{\usebox{#3}}}\hfill\par\usebox{#2}\@bituftefloat@float@debug
3110       }{% place caption below figure
3111         \ifthenelse{\NOT\boolean{@bituftefloat@symmetric}}\OR\boolean{@bituftefloat@float@re
3112         {\usebox{#2}\par\hfill\smash{\raisebox{#1}{\usebox{#3}}}\@bituftefloat@float@debug
3113         {\usebox{#2}\par\smash{\raisebox{#1}{\usebox{#3}}}\hfill\@bituftefloat@float@debug
3114       }%
3115     }
3116   \renewenvironment{figure}[1][htbp]%
3117     {\ifvmode\else\unskip\fi\begin{@bituftefloat@float}[#1]{figure}{}}
3118     {\end{@bituftefloat@float}}
3119   \renewenvironment{table}[1][htbp]
3120     {\ifvmode\else\unskip\fi\begin{@bituftefloat@float}[#1]{table}{}}
3121     {\end{@bituftefloat@float}}
3122   \renewenvironment{figure*}[1][htbp]%
3123     {\ifvmode\else\unskip\fi\begin{@bituftefloat@float}[#1]{figure}{star}}
3124     {\end{@bituftefloat@float}}
3125   \renewenvironment{table*}[1][htbp]%
3126     {\ifvmode\else\unskip\fi\begin{@bituftefloat@float}[#1]{table}{star}}
3127     {\end{@bituftefloat@float}}
3128   \newenvironment{fullwidth}
3129     {\ifthenelse{\boolean{@bituftefloat@symmetric}}%
3130       {\ifthenelse{\boolean{@bituftefloat@changepage}}{\begin{adjustwidth*}{-}\@bituftefl
3131       {\begin{adjustwidth}{-}\@bituftefloat@overhang}}%
3132     }%
3133     {\ifthenelse{\boolean{@bituftefloat@symmetric}}%
3134       {\ifthenelse{\boolean{@bituftefloat@changepage}}{\end{adjustwidth*}}{\end{adjustwidth}}
3135       {\end{adjustwidth}}}%
3136   }
3137   \long\def\@caption#1[#2]#3{%

```

```

3138 \par%
3139 \addcontentsline{\csname ext@#1\endcsname}{#1}%
3140   {\protect\numberline{\csname the#1\endcsname}{\ignorespaces #2}}%
3141 \begingroup%
3142   \@parboxrestore%
3143   \if@minipage%
3144     \@setminipage%
3145   \fi%
3146   \@bituftefloat@caption@font\@bituftefloat@caption@justification%
3147   \noindent\csname fnum@#1\endcsname: \ignorespaces#3\par%
3148   %\@makecaption{\csname fnum@#1\endcsname}{\ignorespaces #3}\par
3149 \endgroup}
3150 %%
3151 % Turns newlines into spaces. Based on code from the 'titlesec' package.
3152 \DeclareRobustCommand{\@bituftetheading@newlinetospace}{%
3153   \ifstar{\@bituftetheading@newlinetospace@i}{\@bituftetheading@newlinetospace@i}%
3154 }
3155 \def\@bituftetheading@newlinetospace@i{%
3156   \ifdim\lastskip>\z@\else\space\fi
3157   \ignorespaces%
3158 }
3159 \DeclareRobustCommand{\newlinetospace}[1]{%
3160   \let\@bituftetheading@orig@cr\\% save the original meaning of \\
3161   \def\\{\@bituftetheading@newlinetospace}% turn \\ and \\* into \space
3162   \let\newline\\% turn \newline into \space
3163   #1%
3164   \let\\ \@bituftetheading@orig@cr% revert to original meaning of \\
3165 }
3166 \RequirePackage{fancyhdr}
3167 \pagestyle{fancy}
3168 \AtBeginDocument{%
3169   \ifthenelse{\boolean{@bituftefloat@symmetric}}
3170     {\fancyhfoffset[LE,RO]{\@bituftefloat@overhang}}
3171     {\fancyhfoffset[RE,RO]{\@bituftefloat@overhang}}
3172 }
3173 % The running heads/feet don't have rules
3174 \renewcommand{\headrulewidth}{0pt}
3175 \renewcommand{\footrulewidth}{0pt}
3176 % The 'fancy' page style is the default style for all pages.
3177 \fancyhf{} % clear header and footer fields
3178   \ifthenelse{\boolean{@bituftefloat@symmetric}}
3179     {\fancyhead[LE]{\thepage\quad\textsl{\newlinetospace{\plainauthor}}}%
3180     \fancyhead[RO]{\textsl{\newlinetospace{\plaintitle}}\quad\thepage}}%
3181     {\fancyhead[RE,RO]{\textsl{\newlinetospace{\plaintitle}}\quad\thepage}}%
3182 % The 'plain' page style is used on chapter opening pages.
3183 % In Tufte's /Beautiful Evidence/ he never puts page numbers at the
3184 % bottom of pages -- the folios are unexpressed.
3185 \fancypagestyle{plain}{
3186   \fancyhf{} % clear header and footer fields
3187   % Uncomment the following five lines of code if you want the opening page

```

```

3188 % of the chapter to express the folio in the lower outside corner.
3189 % \ifthenelse{\boolean{@biditytfloat@symmetric}}
3190 % {\fancyfoot[LE,RO]{\thepage}}
3191 % {\fancyfoot[RE,RO]{\thepage}}
3192 }
3193 % The 'empty' page style suppresses all headers and footers.
3194 % It's used on title pages and 'intentionally blank' pages.
3195 \fancypagestyle{empty}{
3196   \fancyhf{} % clear header and footer fields
3197 }
3198 \def\morefloats{% provides a total of 52 floats
3199   \ifthenelse{\isundefined{\bx@S}}{%
3200     \biditytfloatDebugInfoNL{Adding 34 more float slots.}
3201     \newinsert\bx@S
3202     \newinsert\bx@T
3203     \newinsert\bx@U
3204     \newinsert\bx@V
3205     \newinsert\bx@W
3206     \newinsert\bx@X
3207     \newinsert\bx@Y
3208     \newinsert\bx@Z
3209     \newinsert\bx@a
3210     \newinsert\bx@b
3211     \newinsert\bx@c
3212     \newinsert\bx@d
3213     \newinsert\bx@e
3214     \newinsert\bx@f
3215     \newinsert\bx@g
3216     \newinsert\bx@h
3217     \newinsert\bx@i
3218     \newinsert\bx@j
3219     \newinsert\bx@k
3220     \newinsert\bx@l
3221     \newinsert\bx@m
3222     \newinsert\bx@n
3223     \newinsert\bx@o
3224     \newinsert\bx@p
3225     \newinsert\bx@q
3226     \newinsert\bx@r
3227     \newinsert\bx@s
3228     \newinsert\bx@t
3229     \newinsert\bx@u
3230     \newinsert\bx@v
3231     \newinsert\bx@w
3232     \newinsert\bx@x
3233     \newinsert\bx@y
3234     \newinsert\bx@z
3235     \gdef\@freelist{\@elt\bx@A\@elt\bx@B\@elt\bx@C\@elt\bx@D\@elt\bx@E
3236                   \@elt\bx@F\@elt\bx@G\@elt\bx@H\@elt\bx@I\@elt\bx@J
3237                   \@elt\bx@K\@elt\bx@L\@elt\bx@M\@elt\bx@N

```

```

3238         \@elt\bx@O\@elt\bx@P\@elt\bx@Q\@elt\bx@R
3239         \@elt\bx@S\@elt\bx@T\@elt\bx@U\@elt\bx@V
3240         \@elt\bx@W\@elt\bx@X\@elt\bx@Y\@elt\bx@Z
3241         \@elt\bx@a\@elt\bx@b\@elt\bx@c\@elt\bx@d\@elt\bx@e
3242         \@elt\bx@f\@elt\bx@g\@elt\bx@h\@elt\bx@i\@elt\bx@j
3243         \@elt\bx@k\@elt\bx@l\@elt\bx@m\@elt\bx@n
3244         \@elt\bx@o\@elt\bx@p\@elt\bx@q\@elt\bx@r
3245         \@elt\bx@s\@elt\bx@t\@elt\bx@u\@elt\bx@v
3246         \@elt\bx@w\@elt\bx@x\@elt\bx@y\@elt\bx@z}%
3247 }{% we've already added another 34 floats, so we'll add 26 more, but that's it!
3248 \ifthenelse{\isundefined{\bx@AA}}{%
3249     \bidituftefloatDebugInfoNL{Adding 26 more float slots.}
3250     \newinsert\bx@AA
3251     \newinsert\bx@BB
3252     \newinsert\bx@CC
3253     \newinsert\bx@DD
3254     \newinsert\bx@EE
3255     \newinsert\bx@FF
3256     \newinsert\bx@GG
3257     \newinsert\bx@HH
3258     \newinsert\bx@II
3259     \newinsert\bx@JJ
3260     \newinsert\bx@KK
3261     \newinsert\bx@LL
3262     \newinsert\bx@MM
3263     \newinsert\bx@NN
3264     \newinsert\bx@OO
3265     \newinsert\bx@PP
3266     \newinsert\bx@QQ
3267     \newinsert\bx@RR
3268     \newinsert\bx@SS
3269     \newinsert\bx@TT
3270     \newinsert\bx@UU
3271     \newinsert\bx@VV
3272     \newinsert\bx@WW
3273     \newinsert\bx@XX
3274     \newinsert\bx@YY
3275     \newinsert\bx@ZZ
3276 \gdef\@freelist{\@elt\bx@a\@elt\bx@b\@elt\bx@c\@elt\bx@d\@elt\bx@e
3277     \@elt\bx@f\@elt\bx@g\@elt\bx@h\@elt\bx@i\@elt\bx@j
3278     \@elt\bx@k\@elt\bx@l\@elt\bx@m\@elt\bx@n
3279     \@elt\bx@o\@elt\bx@p\@elt\bx@q\@elt\bx@r
3280     \@elt\bx@s\@elt\bx@t\@elt\bx@u\@elt\bx@v
3281     \@elt\bx@w\@elt\bx@x\@elt\bx@y\@elt\bx@z
3282     \@elt\bx@a\@elt\bx@b\@elt\bx@c\@elt\bx@d\@elt\bx@e
3283     \@elt\bx@f\@elt\bx@g\@elt\bx@h\@elt\bx@i\@elt\bx@j
3284     \@elt\bx@k\@elt\bx@l\@elt\bx@m\@elt\bx@n
3285     \@elt\bx@o\@elt\bx@p\@elt\bx@q\@elt\bx@r
3286     \@elt\bx@s\@elt\bx@t\@elt\bx@u\@elt\bx@v
3287     \@elt\bx@w\@elt\bx@x\@elt\bx@y\@elt\bx@z

```



```

3288 \@elt\bx@AA\@elt\bx@BB\@elt\bx@CC\@elt\bx@DD\@elt\bx@EE
3289 \@elt\bx@FF\@elt\bx@GG\@elt\bx@HH\@elt\bx@II\@elt\bx@JJ
3290 \@elt\bx@KK\@elt\bx@LL\@elt\bx@MM\@elt\bx@NN
3291 \@elt\bx@OO\@elt\bx@PP\@elt\bx@QQ\@elt\bx@RR
3292 \@elt\bx@SS\@elt\bx@TT\@elt\bx@UU\@elt\bx@VV
3293 \@elt\bx@WW\@elt\bx@XX\@elt\bx@YY\@elt\bx@ZZ}%
3294 }{%
3295 \biditytfloatError{You may only call \string\morefloats\space twice. See the\MessageE
3296 {There are already 78 float slots allocated. Try using \string\FloatBarrier\space or\
3297 }%
3298 }%
3299 }
3300 \newboolean{@biditytfloat@packages@subfigure}
3301 \setboolean{@biditytfloat@packages@subfigure}{false}
3302 \AtBeginDocument{%
3303 \@ifpackageloaded{subfigure}
3304 {\gsetboolean{@biditytfloat@packages@subfigure}{true}}
3305 {\gsetboolean{@biditytfloat@packages@subfigure}{false}}%
3306 }
3307 \AtBeginDocument{%
3308 \@ifpackageloaded{float}{%
3309 % Save the redefined float environment (instead of the LaTeX float environment)
3310 \let\@biditytfloat@orig@float\@float
3311 \let\@biditytfloat@orig@endfloat\endfloat
3312
3313 % Define Tuftian float styles (with the caption in the margin)
3314 \newcommand{\floatc@biditytfloatplain}[2]{%
3315 \begin{lrbox}{\@biditytfloat@caption@box}%
3316 \begin{minipage}[\floatalignment]{\marginparwidth}\hbox{%
3317 \@biditytfloat@caption@font{\@fs@cfont #1:} #2\par%
3318 \end{minipage}%
3319 \end{lrbox}%
3320 \smash{\hspace{\@biditytfloat@caption@fill}}\usebox{\@biditytfloat@caption@box}}%
3321 }
3322 \newcommand{\fs@biditytfloatplain}{%
3323 \def\@fs@cfont{\@biditytfloat@caption@font}%
3324 \let\@fs@capt\floatc@biditytfloatplain%
3325 \def\@fs@pre{%
3326 \def\@fs@post{%
3327 \def\@fs@mid{%
3328 \let\@fs@iftopcapt\iftrue%
3329 }
3330 \let\fs@biditytfloatplaintop=\fs@biditytfloatplain
3331 \let\floatc@biditytfloatplaintop=\floatc@biditytfloatplain
3332 \newcommand\floatc@biditytfloatruled[2]{%
3333 {\@fs@cfont #1} #2\par%
3334 }
3335 \newcommand\fs@biditytfloatruled{%
3336 \def\@fs@cfont{\@biditytfloat@caption@font}%
3337 \let\@fs@capt\floatc@biditytfloatplain%

```

```

3338     \def\@fs@pre{\hrule height.8pt depth0pt width\textwidth \kern2pt}%
3339     \def\@fs@post{\kern2pt\hrule width\textwidth\relax}%
3340     \def\@fs@mid{}%
3341     \let\@fs@iftopcapt\iftrue%
3342 }
3343 \newcommand\fs@biditytfloatboxed{%
3344     \def\@fs@cfont{}%
3345     \let\@fs@capt\floatc@biditytfloatplain%
3346     \def\@fs@pre{%
3347         \setbox\@currbox\vbox{\hbadness10000
3348         \moveleft3.4pt\vbox{\advance\hsize by6.8pt
3349         \hrule \hbox to\hsize{\vrule\kern3pt
3350         \vbox{\kern3pt\box\@currbox\kern3pt}\kern3pt\vrule}\hrule}}
3351     }%
3352     \def\@fs@mid{\kern2pt}%
3353     \def\@fs@post{}%
3354     \let\@fs@iftopcapt\iftrue%
3355 }
3356 }{%
3357     % Nothing to do
3358 }
3359 }
3360 \AtBeginDocument{%
3361     \@ifpackageloaded{algorithm}{%
3362         % Set the float style to the Tufte version
3363         \ifthenelse{\equal{\ALG@floatstyle}{plain}}{\OR\equal{\ALG@floatstyle}{ruled}}{\OR\equal{\ALG@floatstyle}{ALG}}
3364         \biditytfloatInfoNL{Switching algorithm float style from \ALG@floatstyle\MessageBreak
3365         \floatstyle{biditytfloat\ALG@floatstyle}%
3366         \restylefloat{algorithm}%
3367     }{}%
3368 }{%
3369     % Nothing to do
3370 }
3371 }
3372 \PassOptionsToPackage{caption=false}{subfig}

```

7.21 biditytfloatsidenote.sty

```

3373 \NeedsTeXFormat{LaTeX2e}
3374 \ProvidesPackage{biditytfloatsidenote}[2011/06/17 v0.1
3375 bidi implementation of tufte sidenote]
3376 \RequirePackage{xifthen}
3377 \RequirePackage{ragged2e}
3378 \RequirePackage{setspace}
3379 \RequirePackage{hopatch}
3380 \def\biditytfloatsidenotemarginpar{%
3381     \ifhmode
3382         \@bsphack
3383         \@floatpenalty -\@Mii
3384     \else

```

```

3385 \floatpenalty-\@Miii
3386 \fi
3387 \ifinner
3388 \parmoderr
3389 \floatpenalty\z@
3390 \else
3391 \next\@currbox\@freelist{}\{}%
3392 \next\@marbox\@freelist{\global\count\@marbox\m@ne}%
3393 {\floatpenalty\z@
3394 \fltovf\def\@currbox{\@tempboxa}\def\@marbox{\@tempboxa}}%
3395 \fi
3396 \ifnextchar [\@biditytesidenotexmpar\@biditytesidenoteypar}
3397 \long\def\@biditytesidenotexmpar[#1]#2{%
3398 \@biditytesidenotesavemarbox\@marbox{#1}%
3399 \@biditytesidenotesavemarbox\@currbox{#2}%
3400 \xympar}
3401 \long\def\@biditytesidenoteypar#1{%
3402 \@biditytesidenotesavemarbox\@marbox{#1}%
3403 \global\setbox\@currbox\copy\@marbox
3404 \xympar}
3405 \long\def \@biditytesidenotesavemarbox #1#2{%
3406 \global\setbox #1%
3407 \color@vbox
3408 \vtop{%
3409 \hsize\marginparwidth
3410 \@parboxrestore
3411 \@biditytesidenotemarginparreset
3412 #2%
3413 \@minipagefalse
3414 \outer@nobreak
3415 }%
3416 \color@endbox
3417 }
3418 \def \@biditytesidenotemarginparreset {%
3419 \reset@font
3420 \normalsize
3421 \@minipagetrue
3422 \everypar{\@minipagefalse\everypar{}\if@RTL@footnote\beginR\else\beginL\fi}%
3423 }
3424 \def\LTRbiditytesidenotemarginpar{%
3425 \ifhmode
3426 \bsphack
3427 \floatpenalty -\@Mii
3428 \else
3429 \floatpenalty-\@Miii
3430 \fi
3431 \ifinner
3432 \parmoderr
3433 \floatpenalty\z@
3434 \else

```

```

3435 \@next\@currbox\@freelist{}{}%
3436 \@next\@marbox\@freelist{\global\count\@marbox\m@ne}%
3437 {\@floatpenalty\z@
3438 \@fltovf\def\@currbox{\@tempboxa}\def\@marbox{\@tempboxa}}%
3439 \fi
3440 \ifnextchar [\@LTRbidityftesidenotexmpar\@LTRbidityftesidenoteympar}
3441 \long\def\@LTRbidityftesidenotexmpar[#1]#2{%
3442 \@LTRbidityftesidenotesavemarbox\@marbox{#1}%
3443 \@LTRbidityftesidenotesavemarbox\@currbox{#2}%
3444 \@xympar}
3445 \long\def\@LTRbidityftesidenoteympar#1{%
3446 \@LTRbidityftesidenotesavemarbox\@marbox{#1}%
3447 \global\setbox\@currbox\copy\@marbox
3448 \@xympar}
3449 \long\def \@LTRbidityftesidenotesavemarbox #1#2{%
3450 \global\setbox #1%
3451 \color@vbox
3452 \vtop{%
3453 \hsize\marginparwidth
3454 \@parboxrestore
3455 \@LTRbidityftesidenotemarginparreset
3456 #2%
3457 \@minipagefalse
3458 \outer@nobreak
3459 }%
3460 \color@endbox
3461 }
3462 \def \@LTRbidityftesidenotemarginparreset {%
3463 \reset@font
3464 \normalsize
3465 \@minipagetrue
3466 \everypar{\@minipagefalse\everypar{}\beginL}%
3467 }
3468 \def\RTLbidityftesidenotemarginpar{%
3469 \ifhmode
3470 \@bsphack
3471 \@floatpenalty -\@Mii
3472 \else
3473 \@floatpenalty-\@Miii
3474 \fi
3475 \ifinner
3476 \@parmoderr
3477 \@floatpenalty\z@
3478 \else
3479 \@next\@currbox\@freelist{}{}%
3480 \@next\@marbox\@freelist{\global\count\@marbox\m@ne}%
3481 {\@floatpenalty\z@
3482 \@fltovf\def\@currbox{\@tempboxa}\def\@marbox{\@tempboxa}}%
3483 \fi
3484 \ifnextchar [\@RTLbidityftesidenotexmpar\@RTLbidityftesidenoteympar}

```

```

3485 \long\def\@RTLbidityftesidenotexmpar[#1]#2{%
3486   \@RTLbidityftesidenotesavemarbox\@marbox{#1}%
3487   \@RTLbidityftesidenotesavemarbox\@currbox{#2}%
3488   \@xympar}
3489 \long\def\@RTLbidityftesidenoteympar#1{%
3490   \@RTLbidityftesidenotesavemarbox\@marbox{#1}%
3491   \global\setbox\@currbox\copy\@marbox
3492   \@xympar}
3493 \long\def \@RTLbidityftesidenotesavemarbox #1#2{%
3494   \global\setbox #1%
3495     \color@vbox
3496     \vtop{%
3497       \hsize\marginparwidth
3498       \@parboxrestore
3499       \@RTLbidityftesidenotemarginparreset
3500       #2%
3501       \@minipagefalse
3502       \outer@nobreak
3503     }%
3504   \color@endbox
3505 }
3506 \def \@RTLbidityftesidenotemarginparreset {%
3507   \reset@font
3508   \normalsize
3509   \@minipagetrue
3510   \everypar{\@minipagefalse\everypar{}\beginR}%
3511 }
3512 \newcommand{\@bidityftesidenote@marginfont}{\normalfont\footnotesize}
3513 \newcommand*{\@bidityftesidenote@sidenote@font}{\@bidityftesidenote@marginfont}
3514 \newcommand*{\@bidityftesidenote@marginnote@font}{\@bidityftesidenote@marginfont}
3515 \newcommand*{\@bidityftesidenote@citation@font}{\@bidityftesidenote@marginfont}
3516 \newcommand*{\setsidenotefont}[1]{\renewcommand*{\@bidityftesidenote@sidenote@font}{#1}}
3517 \newcommand*{\setmarginnotefont}[1]{\renewcommand*{\@bidityftesidenote@marginnote@font}{#1}}
3518 \newcommand*{\setcitationfont}[1]{\renewcommand*{\@bidityftesidenote@citation@font}{#1}}
3519 \newcommand*{\@bidityftesidenote@sidenote@justification}{\@bidityftesidenote@justification@au}
3520 \newcommand*{\@bidityftesidenote@marginnote@justification}{\@bidityftesidenote@justification@au}
3521 \newcommand*{\@bidityftesidenote@citation@justification}{\@bidityftesidenote@justification@au}
3522 \newcommand*{\@bidityftesidenote@justification@autodetect}{\justifying}%
3523 \newcommand{\@bidityftesidenote@margin@par}{%
3524   \setlength{\RaggedRightParindent}{0.5pc}%
3525   \setlength{\JustifyingParindent}{0.5pc}%
3526   \setlength{\parindent}{0.5pc}%
3527   \setlength{\parskip}{0pt}%
3528 }
3529 %%
3530 % Globally sets the length
3531 \ifundefined{gsetlength}{%
3532 \newcommand*{gsetlength}[2]{%
3533   \setlength{#1}{#2}%
3534   \global#1=#1\relax%

```

```

3535 }%
3536 {}
3537 %%
3538 % Globally sets a boolean
3539 \@ifundefined{gsetboolean}{%
3540 \newcommand*{gsetboolean}[2]{% based on code from ifthen pkg
3541 \lowercase{\def\@tempa{#2}}%
3542 \@ifundefined{@tempwa\@tempa}%
3543 {\PackageError{ifthen}{You can only set a boolean to 'true' or 'false'}\@ehc}%
3544 {\@ifundefined{#1\@tempa}%
3545 {\PackageError{ifthen}{Boolean #1 undefined}\@ehc}%
3546 {\global\csname#1\@tempa\endcsname}%
3547 }%
3548 }%
3549 {}
3550 %%
3551 % A function that removes leading and trailing spaces from the supplied macro.
3552 % Based on code written by Michael Downes (See 'Around the Bend', #15.)
3553 % Executing \@bidityftesidenote@trim@spaces\xyzy will result in the contents of \xyzy
3554 % being trimmed of leading and trailing white space.
3555 \catcode'\Q=3
3556 \def\@bidityftesidenote@trim@spaces#1{%
3557 % Use grouping to emulate a multi-token afterassignment queue
3558 \begingroup%
3559 % Put '\toks 0 {' into the afterassignment queue
3560 \aftergroup\toks\aftergroup0\aftergroup{%
3561 % Apply \trimb to the replacement text of #1, adding a leading
3562 % \noexpand to prevent brace stripping and to serve another purpose
3563 % later.
3564 \expandafter\@bidityftesidenote@trim@b\expandafter\noexpand#1Q Q}%
3565 % Transfer the trimmed text back into #1.
3566 \edef#1{\the\toks0}%
3567 }
3568 % \trimb removes a trailing space if present, then calls \@bidityftesidenote@trim@c to
3569 % clean up any leftover bizarre Qs, and trim a leading space. In
3570 % order for \trimc to work properly we need to put back a Q first.
3571 \def\@bidityftesidenote@trim@b#1 Q{\@bidityftesidenote@trim@c#1Q}
3572 % Execute \vfuzz assignment to remove leading space; the \noexpand
3573 % will now prevent unwanted expansion of a macro or other expandable
3574 % token at the beginning of the trimmed text. The \endgroup will feed
3575 % in the \aftergroup tokens after the \vfuzz assignment is completed.
3576 \def\@bidityftesidenote@trim@c#1Q#2{\afterassignment\endgroup \vfuzz\the\vfuzz#1}
3577 \catcode'\Q=11
3578 %%
3579 % Citations should go in the margin as sidenotes
3580
3581 \RequirePackage{natbib}
3582 \RequirePackage{bibentry} % allows bibitems to be typeset outside thebibliography envi
3583 % Redefine the \BR@b@bibitem command to fix a bug with bibentry+chicago style
3584 \renewcommand\BR@b@bibitem[2][]{%

```

```

3585 \ifthenelse{\isempty{#1}}%
3586   {\BR@bibitem{#2}}%
3587   {\BR@bibitem{#1}{#2}}%
3588 \BR@c@bibitem{#2}%
3589 }
3590 \nobibliography*           % pre-loads the bibliography keys
3591 %%
3592 % Normal \cite behavior
3593 \newcounter{@biduftesidenote@num@bibkeys}%
3594 \newcommand{\@biduftesidenote@normal@cite}[2][Opt]{%
3595   % Snag the last bibentry in the list for later comparison
3596   \let\@temp@last@bibkey\@empty%
3597   \@for\@temp@bibkey:=#2\do{\let\@temp@last@bibkey\@temp@bibkey}%
3598   \sidenote[] [1]{%
3599     % Loop through all the bibentries, separating them with semicolons and spaces
3600     \normalsize\normalfont\@biduftesidenote@citation@font%
3601     \setcounter{@biduftesidenote@num@bibkeys}{0}%
3602     \@for\@temp@bibkeyx:=#2\do{%
3603       \ifthenelse{\equal{\@temp@last@bibkey}{\@temp@bibkeyx}}%
3604         {\ifthenelse{\equal{value{@biduftesidenote@num@bibkeys}}{0}}{\{}{and\ }}%
3605         \@biduftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
3606         \bibentry{\@temp@bibkeyx}}%
3607         {\@biduftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
3608         \bibentry{\@temp@bibkeyx};\ }}%
3609     \stepcounter{@biduftesidenote@num@bibkeys}%
3610   }%
3611 }%
3612 }
3613 %%
3614 % Macros for holding the list of cite keys until after the \sidenote
3615 \gdef\@biduftesidenote@citations{}% list of cite keys
3616 \newcommand\@biduftesidenote@add@citation[1]{\relax% adds a new bibkey to the list of cite
3617   \ifx\@biduftesidenote@citations\@empty\else
3618     \g@addto@macro\@biduftesidenote@citations{,}% separate by commas
3619   \fi
3620   \g@addto@macro\@biduftesidenote@citations{#1}
3621 }
3622 \newcommand{\@biduftesidenote@print@citations}[1][Opt]{% puts the citations in a margin not
3623   % Snag the last bibentry in the list for later comparison
3624   \let\@temp@last@bibkey\@empty%
3625   \@for\@temp@bibkey:=\@biduftesidenote@citations\do{\let\@temp@last@bibkey\@temp@bibkey}%
3626   \marginpar{%
3627     \hbox{}\vspace*{#1}%
3628     \@biduftesidenote@citation@font%
3629     \@biduftesidenote@citation@justification%
3630     \@biduftesidenote@margin@par% use parindent and parskip settings for marginal text
3631     \vspace*{-1\baselineskip}%
3632     % Loop through all the bibentries, separating them with semicolons and spaces
3633     \setcounter{@biduftesidenote@num@bibkeys}{0}%
3634     \@for\@temp@bibkeyx:=\@biduftesidenote@citations\do{%

```

```

3635 \ifthenelse{\equal{\@temp@last@bibkey}{\@temp@bibkeyx}}{%
3636 {\ifthenelse{\equal{\value{@bituftesidenote@num@bibkeys}}{0}}{\and\ }%
3637 \@bituftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
3638 \bibentry{\@temp@bibkeyx}}%
3639 {\@bituftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
3640 \bibentry{\@temp@bibkeyx};\ }%
3641 \stepcounter{@bituftesidenote@num@bibkeys}%
3642 }%
3643 }%
3644 }
3645 %%
3646 % \cite behavior when executed within a sidenote
3647 \newcommand{\@bituftesidenote@sidenote@citations}{}% contains list of \cites in sidenote
3648 \newcommand{\@bituftesidenote@infootnote@cite}[1]{%
3649 \@bituftesidenote@add@citation{#1}
3650 }
3651 %%
3652 % Set the default \cite style. This is set and reset by the \sidenote command.
3653 \let\cite\@bituftesidenote@normal@cite
3654 %%
3655 % Transform existing \footnotes into \sidenotes
3656 % Sidenote: ‘Where God meant footnotes to go.’ ---bituftesidenote
3657 \RequirePackage{optparams}% for our new sidenote commands -- provides multiple optional arguments
3658 \providecommand{\footnotelayout}{\@bituftesidenote@sidenote@font\@bituftesidenote@sidenote@font}
3659 \renewcommand{\footnotelayout}{\@bituftesidenote@sidenote@font\@bituftesidenote@sidenote@font}
3660 % Override footmisc’s definition to set the sidenote marks (numbers) inside the
3661 % sidenote’s text block.
3662 \hopatch@AfterPackage{bidi}{\long\def\@makefntext#1{\@textsuperscript{\@bituftesidenote@sidenote@font}#1}}
3663 % Set the in-text footnote mark in the same typeface as the body text itself.
3664 \hopatch@AfterPackage{bidi}{\def\@makefnmark{\hbox{\@textsuperscript{\normalfont\footnotesize\@bituftesidenote@sidenote@font}#1}}}
3665 \providecommand*\multiplefootnotemarker{3sp}
3666 \providecommand*\multfootsep{,}
3667 \hopatch@AfterPackage{bidi}{%
3668 \renewcommand{\@footnotemark}{%
3669 \leavevmode%
3670 \ifhmode%
3671 \edef\@x@sf{\the\spacefactor}%
3672 \@bituftesidenote@check@multiple@sidenotes%
3673 \nobreak%
3674 \fi%
3675 \@makefnmark%
3676 \ifhmode\spacefactor\@x@sf\fi%
3677 \relax%
3678 }%
3679 }
3680 \newcommand{\@bituftesidenote@check@multiple@sidenotes}{%
3681 \ifdim\lastkern=\multiplefootnotemarker\relax%
3682 \edef\@x@sf{\the\spacefactor}%
3683 \unkern%
3684 \textsuperscript{\multfootsep}%

```



```

3685     \spacefactor\@x@sf\relax%
3686   \fi
3687 }
3688 \hopatch@AfterPackage{bidi}{%
3689 \renewcommand\@footnotetext[2][Opt]{%
3690   \bidityftesidenotemarginpar{%
3691     \hbox{}\vspace*{#1}%
3692     \def\baselinestretch {\setspace@singlespace}%
3693     \reset@font\footnotesize%
3694     \@bidityftesidenote@margin@par% use parindent and parskip settings for marginal text
3695     \vspace*{-1\baselineskip}\noindent%
3696     \protected@edef\@currentlabel{%
3697       \csname p@footnote\endcsname\@thefnmark%
3698     }%
3699     \color@begingroup%
3700       \makefntext{%
3701         \ignorespaces#2%
3702       }%
3703     \color@endgroup%
3704   }%
3705 }%
3706 \renewcommand\@LTRfootnotetext[2][Opt]{%
3707   \LTRbidityftesidenotemarginpar{%
3708     \hbox{}\vspace*{#1}%
3709     \def\baselinestretch {\setspace@singlespace}%
3710     \reset@font\footnotesize%
3711     \@bidityftesidenote@margin@par% use parindent and parskip settings for marginal text
3712     \vspace*{-1\baselineskip}\noindent%
3713     \protected@edef\@currentlabel{%
3714       \csname p@footnote\endcsname\@thefnmark%
3715     }%
3716     \color@begingroup%
3717       \makefntext{%
3718         \ignorespaces#2%
3719       }%
3720     \color@endgroup%
3721   }%
3722 }%
3723 \renewcommand\@RTLfootnotetext[2][Opt]{%
3724   \RTLbidityftesidenotemarginpar{%
3725     \hbox{}\vspace*{#1}%
3726     \def\baselinestretch {\setspace@singlespace}%
3727     \reset@font\footnotesize%
3728     \@bidityftesidenote@margin@par% use parindent and parskip settings for marginal text
3729     \vspace*{-1\baselineskip}\noindent%
3730     \protected@edef\@currentlabel{%
3731       \csname p@footnote\endcsname\@thefnmark%
3732     }%
3733     \color@begingroup%
3734       \makefntext{%

```

```

3735         \ignorespaces#2%
3736     }%
3737     \color@endgroup%
3738 }%
3739 }%
3740 }
3741 %
3742 % Define \sidenote command. Can handle \cite.
3743 \newlength{\@bidityftesidenote@sidenote@vertical@offset}
3744 \setlength{\@bidityftesidenote@sidenote@vertical@offset}{0pt}
3745 % #1 = footnote num, #2 = vertical offset, #3 = footnote text
3746 \long\def\@bidityftesidenote@sidenote[#1][#2]#3{%
3747     \let\cite\@bidityftesidenote@infootnote@cite%    use the in-sidenote \cite command
3748     \gdef\@bidityftesidenote@citations{}%            clear out any old citations
3749     \ifthenelse{\NOT\isempty{#2}}{%
3750         \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{#2}%
3751     }{%
3752         \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{0pt}%
3753     }%
3754     \ifthenelse{\isempty{#1}}{%
3755         % no specific footnote number provided
3756         \stepcounter\@mpfn%
3757         \protected@xdef\@thefnmark{\thempfn}%
3758         \@footnotemark\@footnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%
3759     }{%
3760         % specific footnote number provided
3761         \begingroup%
3762             \csname c@\@mpfn\endcsname #1\relax%
3763             \unrestored@protected@xdef\@thefnmark{\thempfn}%
3764         \endgroup%
3765         \@footnotemark\@footnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%
3766     }%
3767     \@bidityftesidenote@print@citations%            print any citations
3768     \let\cite\@bidityftesidenote@normal@cite%        go back to using normal in-text \cite command
3769     \unskip\ignorespaces%                            remove extra white space
3770     \kern-\multiplefootnotemarker%                    remove \kern left behind by sidenote
3771     \kern\multiplefootnotemarker\relax% add new \kern here to replace the one we yanked
3772 }
3773 \long\def\@LTRbidityftesidenote@sidenote[#1][#2]#3{%
3774     \let\cite\@bidityftesidenote@infootnote@cite%    use the in-sidenote \cite command
3775     \gdef\@bidityftesidenote@citations{}%            clear out any old citations
3776     \ifthenelse{\NOT\isempty{#2}}{%
3777         \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{#2}%
3778     }{%
3779         \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{0pt}%
3780     }%
3781     \ifthenelse{\isempty{#1}}{%
3782         % no specific footnote number provided
3783         \stepcounter\@mpfn%
3784         \protected@xdef\@thefnmark{\thempfn}%

```

```

3785 \@footnotemark\@LTRfootnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%
3786 }{%
3787 % specific footnote number provided
3788 \begingroup%
3789 \csname c@\@mpfn\endcsname #1\relax%
3790 \unrestored@protected@xdef\@thefnmark{\thempfn}%
3791 \endgroup%
3792 \@footnotemark\@LTRfootnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%
3793 }%
3794 \@bidityftesidenote@print@citations% print any citations
3795 \let\cite\@bidityftesidenote@normal\cite% go back to using normal in-text \cite command
3796 \unskip\ignorespaces% remove extra white space
3797 \kern-\multiplefootnotemarker% remove \kern left behind by sidenote
3798 \kern\multiplefootnotemarker\relax% add new \kern here to replace the one we yanked
3799 }
3800 \long\def\@RTLbidityftesidenote@sidenote[#1][#2]#3{%
3801 \let\cite\@bidityftesidenote@infootnote\cite% use the in-sidenote \cite command
3802 \gdef\@bidityftesidenote@citations{}% clear out any old citations
3803 \ifthenelse{\NOT\isempty{#2}}{%
3804 \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{#2}%
3805 }{%
3806 \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{0pt}%
3807 }%
3808 \ifthenelse{\isempty{#1}}{%
3809 % no specific footnote number provided
3810 \stepcounter\@mpfn%
3811 \protected@xdef\@thefnmark{\thempfn}%
3812 \@footnotemark\@RTLfootnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%
3813 }{%
3814 % specific footnote number provided
3815 \begingroup%
3816 \csname c@\@mpfn\endcsname #1\relax%
3817 \unrestored@protected@xdef\@thefnmark{\thempfn}%
3818 \endgroup%
3819 \@footnotemark\@RTLfootnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%
3820 }%
3821 \@bidityftesidenote@print@citations% print any citations
3822 \let\cite\@bidityftesidenote@normal\cite% go back to using normal in-text \cite command
3823 \unskip\ignorespaces% remove extra white space
3824 \kern-\multiplefootnotemarker% remove \kern left behind by sidenote
3825 \kern\multiplefootnotemarker\relax% add new \kern here to replace the one we yanked
3826 }
3827 \newcommand{\sidenote}{\optparams{\@bidityftesidenote@sidenote}{[] [Opt]}}
3828 \newcommand{\LTRsidenote}{\optparams{\@LTRbidityftesidenote@sidenote}{[] [Opt]}}
3829 \newcommand{\RTLsidenote}{\optparams{\@RTLbidityftesidenote@sidenote}{[] [Opt]}}
3830 \hopatch@AfterPackage{bidi}{%
3831 \renewcommand{\footnote}{\optparams{\@bidityftesidenote@sidenote}{[] [Opt]}}%
3832 \renewcommand{\LTRfootnote}{\optparams{\@LTRbidityftesidenote@sidenote}{[] [Opt]}}%
3833 \renewcommand{\RTLfootnote}{\optparams{\@RTLbidityftesidenote@sidenote}{[] [Opt]}}%
3834 }

```

```

3835 %%
3836 % Sidenote without the footnote mark
3837 \newcommand\marginnote[2][Opt]{%
3838   \let\cite\@bidityftesidenote@infootnote@cite%   use the in-sidenote \cite command
3839   \gdef\@bidityftesidenote@citations{}%          clear out any old citations
3840   \bidityftesidenotemarginpar{\hbox{}}\vspace*{#1}\@bidityftesidenote@marginnote@font\@bidityft
3841   \@bidityftesidenote@print@citations%            print any citations
3842   \let\cite\@bidityftesidenote@normal@cite%        go back to using normal in-text \cite comma
3843 }
3844 \newcommand\LTRmarginnote[2][Opt]{%
3845   \let\cite\@bidityftesidenote@infootnote@cite%   use the in-sidenote \cite command
3846   \gdef\@bidityftesidenote@citations{}%          clear out any old citations
3847   \LTRbidityftesidenotemarginpar{\hbox{}}\vspace*{#1}\@bidityftesidenote@marginnote@font\@bidi
3848   \@bidityftesidenote@print@citations%            print any citations
3849   \let\cite\@bidityftesidenote@normal@cite%        go back to using normal in-text \cite comma
3850 }
3851 \newcommand\RTLmarginnote[2][Opt]{%
3852   \let\cite\@bidityftesidenote@infootnote@cite%   use the in-sidenote \cite command
3853   \gdef\@bidityftesidenote@citations{}%          clear out any old citations
3854   \RTLbidityftesidenotemarginpar{\hbox{}}\vspace*{#1}\@bidityftesidenote@marginnote@font\@bidi
3855   \@bidityftesidenote@print@citations%            print any citations
3856   \let\cite\@bidityftesidenote@normal@cite%        go back to using normal in-text \cite comma
3857 }

```

7.22 bidityftetoc.sty

```

3858 \NeedsTeXFormat{LaTeX2e}
3859 \ProvidesPackage{bidityftetoc}[2011/06/17 v0.1
3860 bidi implementation of tuftte toc]
3861 \RequirePackage{titlesec,titletoc,xifthen,hopatch}
3862 \newcommand{\@bidityftetoc@pkgname}{bidityftetoc}
3863 \newcommand{\@bidityftetoc@Error}[2]{\PackageError{\@bidityftetoc@pkgname}{#1}{#2}}
3864 %%
3865 % Turn off section numbering
3866 \setcounter{secnumdepth}{-1}
3867 \newboolean{@bidityftetoc@toc}
3868 \setboolean{@bidityftetoc@toc}{true}
3869 \DeclareOption{notoc}{\setboolean{@bidityftetoc@toc}{false}}
3870 \DeclareOption{toc}{\setboolean{@bidityftetoc@toc}{true}}
3871 \ProcessOptions
3872 %%
3873 % Make Tuftean-style section headings and TOC formatting
3874 \hopatch@AfterPackage{bidi}{%
3875   \titleformat{\chapter}%
3876     [display]% shape
3877     {\relax\ifthenelse{\NOT\boolean{@bidityftefloat@symmetric}}{\begin{fullwidth}}{}}% format a
3878     {\itshape\huge\thechapter}% label
3879     {Opt}% horizontal separation between label and title body
3880     {\huge\rmfamily\itshape}% before the title body
3881     [\ifthenelse{\NOT\boolean{@bidityftefloat@symmetric}}{\end{fullwidth}}{}}% after the title

```

```

3882 \titleformat{\section}%
3883   [hang]% shape
3884   {\normalfont\Large\itshape}% format applied to label+text
3885   {\thesection}% label
3886   {1em}% horizontal separation between label and title body
3887   {}% before the title body
3888   []% after the title body
3889 \titleformat{\subsection}%
3890   [hang]% shape
3891   {\normalfont\large\itshape}% format applied to label+text
3892   {\thesubsection}% label
3893   {1em}% horizontal separation between label and title body
3894   {}% before the title body
3895   []% after the title body
3896 \titleformat{\paragraph}%
3897   [runin]% shape
3898   {\normalfont\itshape}% format applied to label+text
3899   {\theparagraph}% label
3900   {1em}% horizontal separation between label and title body
3901   {}% before the title body
3902   []% after the title body
3903 \titlespacing*{\chapter}{0pt}{50pt}{40pt}
3904 \titlespacing*{\section}{0pt}{3.5ex plus 1ex minus .2ex}{2.3ex plus .2ex}
3905 \titlespacing*{\subsection}{0pt}{3.25ex plus 1ex minus .2ex}{1.5ex plus .2ex}
3906 }
3907 % Subsubsection and following section headings shouldn't be used.
3908 % See Bringhurst's _The Elements of Typography_, section 4.2.2.
3909 \renewcommand\subsubsection{%
3910   \bidityftetocError{\noexpand\subsubsection is undefined by this class.%
3911     \MessageBreak See Robert Bringhurst's _The Elements of
3912     \MessageBreak Typographic Style_, section 4.2.2.
3913     \MessageBreak \noexpand\subsubsection was used}
3914     {From Bringhurst's _The Elements of Typographic Style_, section 4.2.2: Use as
3915     \MessageBreak many levels of headings as you need, no more and no fewer. Also see the ma
3916     \MessageBreak related threads on Ask E.T. at http://www.edwardbidityftetoc.com/.}
3917 }
3918 \renewcommand\subparagraph{%
3919   \bidityftetocError{\noexpand\subparagraph is undefined by this class.%
3920     \MessageBreak See Robert Bringhurst's _The Elements of
3921     \MessageBreak Typographic Style_, section 4.2.2.
3922     \MessageBreak \noexpand\subparagraph was used}
3923     {From Bringhurst's _The Elements of Typographic Style_, section 4.2.2: Use as
3924     \MessageBreak many levels of headings as you need, no more and no fewer. Also see the ma
3925     \MessageBreak related threads on Ask E.T. at http://www.edwardbidityftetoc.com/.}
3926 }
3927 % Formatting for main TOC (printed in front matter)
3928 % {section} [left] {above} {before w/label} {before w/o label} {filler + page} [after]
3929 \ifthenelse{\boolean{@bidityftetoc@toc}}{%
3930   \hopatch@AfterPackage{bidi}{%
3931     \titlecontents{part}% FIXME

```

```

3932 [0em] % distance from left margin
3933 {\vspace{1.5\baselineskip}\begin{fullwidth}\LARGE\rmfamily\itshape} % above (global format
3934 {\contentslabel{2em}} % before w/label (label = ‘‘II’’)
3935 {} % before w/o label
3936 {\rmfamily\upshape\quad\thecontentspage} % filler + page (leaders and page num)
3937 [\end{fullwidth}] % after
3938 \titlecontents{chapter}%
3939 [0em] % distance from left margin
3940 {\vspace{1.5\baselineskip}\begin{fullwidth}\LARGE\rmfamily\itshape} % above (global format
3941 {\hspace*{0em}\contentslabel{2em}} % before w/label (label = ‘‘2’’)
3942 {\hspace*{0em}} % before w/o label
3943 {\rmfamily\upshape\quad\thecontentspage} % filler + page (leaders and page num)
3944 [\end{fullwidth}] % after
3945 \titlecontents{section}% FIXME
3946 [0em] % distance from left margin
3947 {\vspace{0\baselineskip}\begin{fullwidth}\Large\rmfamily\itshape} % above (global format
3948 {\hspace*{2em}\contentslabel{2em}} % before w/label (label = ‘‘2.6’’)
3949 {\hspace*{2em}} % before w/o label
3950 {\rmfamily\upshape\quad\thecontentspage} % filler + page (leaders and page num)
3951 [\end{fullwidth}] % after
3952 \titlecontents{subsection}% FIXME
3953 [0em] % distance from left margin
3954 {\vspace{0\baselineskip}\begin{fullwidth}\large\rmfamily\itshape} % above (global format
3955 {\hspace*{4em}\contentslabel{4em}} % before w/label (label = ‘‘2.6.1’’)
3956 {\hspace*{4em}} % before w/o label
3957 {\rmfamily\upshape\quad\thecontentspage} % filler + page (leaders and page num)
3958 [\end{fullwidth}] % after
3959 \titlecontents{paragraph}% FIXME
3960 [0em] % distance from left margin
3961 {\vspace{0\baselineskip}\begin{fullwidth}\normalsize\rmfamily\itshape} % above (global fo
3962 {\hspace*{6em}\contentslabel{2em}} % before w/label (label = ‘‘2.6.0.0.1’’)
3963 {\hspace*{6em}} % before w/o label
3964 {\rmfamily\upshape\quad\thecontentspage} % filler + page (leaders and page num)
3965 [\end{fullwidth}] % after
3966 }%
3967 {}
3968 %%
3969 % Format lists of figures/tables
3970 \renewcommand\listoffigures{%
3971 \ifundefined{chapter}%
3972 {\section*{\listfigurename}}%
3973 {\chapter*{\listfigurename}}%
3974 % \begin{fullwidth}%
3975 % \@starttoc{lof}%
3976 % \end{fullwidth}%
3977 }
3978 \renewcommand\listoftables{%
3979 \ifundefined{chapter}%
3980 {\section*{\listtablename}}%
3981 {\chapter*{\listtablename}}%

```

```

3982 % \begin{fullwidth}%
3983 \starttoc{lot}%
3984 % \end{fullwidth}%
3985 }
3986 \newcommand{\@bidityfttoc@lof@line}[2]{%
3987 % #1 is the figure/table number and its caption text
3988 % #2 is the page number on which the figure/table appears
3989 \leftskip 0.0em
3990 \rightskip 0em
3991 \parfillskip 0em plus 1fil
3992 \parindent 0.0em
3993 \@afterindenttrue
3994 \interlinepenalty\@M
3995 \leavevmode
3996 \@tempdima 2.0em
3997 \if@RTL\advance\rightskip\@tempdima\else\advance\leftskip\@tempdima\fi
3998 \null\nobreak\hskip -\if@RTL\rightskip\else\leftskip\fi
3999 {#1}\nobreak\qquad\nobreak#2%
4000 \par%
4001 }
4002 \renewcommand*\l@figure{\@bidityfttoc@lof@line}
4003 \let\l@table\l@figure

```

7.23 bidityftgeneralstructure.sty

```

4004 \NeedsTeXFormat{LaTeX2e}
4005 \ProvidesPackage{bidityftgeneralstructure}[2011/06/18 v0.1
4006 bidi implementation of tufte general structure]
4007 \renewcommand\small{%
4008 \setfontsize\small\@ixpt{12}%
4009 \abovedisplayskip 8.5\p@ \@plus3\p@ \@minus4\p@
4010 \abovedisplayshortskip \z@ \@plus2\p@
4011 \belowdisplayshortskip 4\p@ \@plus2\p@ \@minus2\p@
4012 \def\@listi{\leftmargin\leftmargini
4013 \topsep 4\p@ \@plus2\p@ \@minus2\p@
4014 \parsep 2\p@ \@plus\p@ \@minus\p@
4015 \itemsep \parsep}%
4016 \belowdisplayskip \abovedisplayskip
4017 }
4018 \renewcommand\scriptsize{\setfontsize\scriptsize\@viipt\@viipt}
4019 \renewcommand\tiny{\setfontsize\tiny\@vpt\@vpt}
4020 \renewcommand\large{\setfontsize\large\@xipt{15}}
4021 \renewcommand\Large{\setfontsize\Large\@xipt{16}}
4022 \renewcommand\LARGE{\setfontsize\LARGE\@xivpt{18}}
4023 \renewcommand\huge{\setfontsize\huge\@xxpt{30}}
4024 \renewcommand\Huge{\setfontsize\Huge{24}{36}}
4025 \setlength\leftmargini {1pc}
4026 \setlength\leftmarginii {1pc}
4027 \setlength\leftmarginiii {1pc}
4028 \setlength\leftmarginiv {1pc}

```

```

4029 \setlength\leftmarginv {1pc}
4030 \setlength\leftmarginvi {1pc}
4031 \setlength\labelsep {.5pc}
4032 \setlength\labelwidth {\leftmargini}
4033 \addtolength\labelwidth{-\labelsep}
4034 \setlength{\parindent}{1.0pc}%
4035 \setlength{\parskip}{0pt}%
4036 \RequirePackage{ragged2e}
4037 \setlength{\RaggedRightRightskip}{\z@ plus 0.08\hsize}
4038 % Paragraph indentation and separation for normal text
4039 \newcommand{\@biditytgeneralstructure@reset@par}{%
4040 \setlength{\RaggedRightParindent}{1.0pc}%
4041 \setlength{\JustifyingParindent}{1.0pc}%
4042 \setlength{\parindent}{1pc}%
4043 \setlength{\parskip}{0pt}%
4044 }
4045 \@biditytgeneralstructure@reset@par
4046 % Require paralist package for tighter lists
4047 \RequirePackage{paralist}
4048 % Add rightmargin to compactenum
4049 \def\@compactenum{%
4050 \expandafter\list\csname label\@enumctr\endcsname{%
4051 \usecounter{\@enumctr}%
4052 \rightmargin=2em% added this
4053 \parsep\plparsep
4054 \itemsep\plitemsep
4055 \topsep\pltopsep
4056 \partopsep\plpartopsep
4057 \def\makelabel##1{\hss\llap{##1}}}}
4058 %%
4059 % An environment for paragraph-style section
4060 \providecommand\newthought[1]{%
4061 \addvspace{1.0\baselineskip plus 0.5ex minus 0.2ex}%
4062 \noindent\textbf{#1}%
4063 }
4064 %%
4065 % Redefine the display environments (quote, quotation, etc.)
4066 \renewenvironment{verse}
4067 {\let\\\@centercr
4068 \list{}\itemsep \z@
4069 \itemindent -1pc%
4070 \listparindent\itemindent
4071 \rightmargin \leftmargin
4072 \advance\leftmargin 1pc}%
4073 \small%
4074 \item\relax}
4075 {\endlist}
4076 \renewenvironment{quotation}
4077 {\list{}\listparindent 1pc%
4078 \itemindent \listparindent

```



```

4079             \rightmargin \leftmargin
4080             \parsep       \z@ \@plus\p@}%
4081         \small%
4082         \item\relax\noindent\ignorespaces}
4083     {\endlist}
4084 \renewenvironment{quote}
4085     {\list{}{\rightmargin\leftmargin}%
4086     \small%
4087     \item\relax}
4088     {\endlist}
4089 % Italicize description run-in headings (instead of the default bold)
4090 \renewcommand*{\descriptionlabel[1]{\hspace\labelsep\normalfont\em #1}
4091 %%
4092 % Redefine \bibsection to not mark the running heads.
4093 % (Code modified from natbib.sty.)
4094 \@ifundefined{chapter}%
4095     {\renewcommand\bibsection{\section*{\refname}}}
4096     {\@ifundefined{NAT@sectionbib}%
4097     {\renewcommand\bibsection{\chapter{\bibname}}}
4098     {\renewcommand\bibsection{\section*{\bibname}}}}
4099 \RequirePackage{multicol}
4100 \renewenvironment{theindex}{%
4101 \@ifundefined{chapter}%
4102     {\section*{\indexname}}%
4103     {\chapter{\indexname}}%
4104 \begin{fullwidth}%
4105 \small%
4106 \parskip0pt%
4107 \parindent0pt%
4108 \let\item\@idxitem%
4109 \begin{multicols}{3}%
4110 }{%
4111 \end{multicols}%
4112 \end{fullwidth}%
4113 }
4114 \AtBeginDocument{%
4115 \renewcommand\@idxitem{\par\hangindent \if@RTL-\fi2em}%
4116 \renewcommand\subitem{\par\hangindent \if@RTL-\fi3em\hspace*{1em}}%
4117 \renewcommand\subsubitem{\par\hangindent \if@RTL-\fi4em\hspace*{2em}}
4118 \renewcommand\indexspace{\par\addvspace{1.0\baselineskip plus 0.5ex minus 0.2ex}\relax}%
4119 \newcommand{\lettergroup}[1]{}% swallow the letter heading in the index

```

7.24 biduntfthyperref.sty

```

4120 \NeedsTeXFormat{LaTeX2e}
4121 \ProvidesPackage{biduntfthyperref}[2011/06/18 v0.1
4122 bidi implementation of tufte hyperref]
4123 %%
4124 % Color
4125 \RequirePackage[usenames,dvipsnames,svgnames]{xcolor}%

```

```

4126 \newboolean{@biditytfehyperref@loadhyper}
4127 \setboolean{@biditytfehyperref@loadhyper}{true}
4128 \DeclareOption{hyper}{\setboolean{@biditytfehyperref@loadhyper}{true}}
4129 \DeclareOption{nohyper}{\setboolean{@biditytfehyperref@loadhyper}{false}}
4130 \ProcessOptions
4131 %% Loads the hyperref package and sets some default options.
4132 \newcommand{\biditytfehyperrefLoadHyperref}{%
4133 \RequirePackage[hyperfootnotes=false,colorlinks=true]{hyperref}
4134 \hypersetup{
4135     bookmarksdepth = section,
4136     citecolor = DarkGreen,
4137     linkcolor = DarkBlue,
4138     pagecolor = DarkBlue,
4139     urlcolor = DarkGreen,
4140 }%
4141 }
4142 \ifthenelse{\boolean{@biditytfehyperref@loadhyper}}{%
4143 \biditytfehyperrefLoadHyperref%
4144 }{% hyperfootnotes override our modifications to the \footnote* and \@footnote* commands.
4145 \PassOptionsToPackage{hyperfootnotes=false}{hyperref}
4146 }

```

7.25 biditytetitle.sty

```

4147 \NeedsTeXFormat{LaTeX2e}
4148 \ProvidesPackage{biditytetitle}[2011/06/18 v0.1
4149 bidi implementation of tufte title]
4150 \RequirePackage{etoolbox}
4151 %%
4152 % 'titlepage' option -- creates a full title page with \maketitle
4153 \newboolean{@biditytetitle@titlepage}
4154 \DeclareOption{titlepage}{\setboolean{@biditytetitle@titlepage}{true}}
4155 \DeclareOption{notitlepage}{\setboolean{@biditytetitle@titlepage}{false}}
4156 % Default 'book' and 'handout' options
4157 \@ifclassloaded{book}{%
4158 \ExecuteOptions{titlepage}}{%
4159 \@ifclassloaded{article}{%
4160 \ExecuteOptions{notitlepage}}%
4161 {}}
4162 \ProcessOptions
4163 %%
4164 % Modified \title, \author, and \date commands. These store the
4165 % (footnote-less) values in \plaintitle, \plainauthor, and \thedata, respectively.
4166 \newcommand{\plaintitle}{}% plain-text-only title
4167 \newcommand{\plainauthor}{}% plain-text-only author
4168 \newcommand{\plainpublisher}{}% plain-text-only publisher
4169 \newcommand{\thanklesstitle}{}% full title text minus \thanks{}
4170 \newcommand{\thanklessauthor}{}% full author text minus \thanks{}
4171 \newcommand{\thanklesspublisher}{}% full publisher minus \thanks{}
4172 \newcommand{\@publisher}{}% full publisher with \thanks{}

```

```

4173 \newcommand{\thedata}{\today}
4174 \hopatch@AfterPackage{bidi}{%
4175 \renewcommand{\thanks}[1]{\footnote{#1}}
4176 \renewcommand{\LTRthanks}[1]{\LTRfootnote{#1}}
4177 \renewcommand{\RTLthanks}[1]{\RTLfootnote{#1}}
4178 }
4179 \renewcommand{\title}[2][{}]{%
4180 \gdef\@title{#2}%
4181 \begingroup%
4182 % TODO store contents of \thanks command
4183 \renewcommand{\thanks}[1]{}% swallow \thanks contents
4184 \renewcommand{\LTRthanks}[1]{}% swallow \LTRthanks contents
4185 \renewcommand{\RTLthanks}[1]{}% swallow \RTLthanks contents
4186 \protected@xdef\thanklesstitle{#2}%
4187 \endgroup%
4188 \ifthenelse{\isempty{#1}}{%
4189 {\renewcommand{\plaintitle}{\thanklesstitle}}% use thankless title
4190 {\renewcommand{\plaintitle}{#1}}% use provided plain-text title
4191 \@ifundefined{hypersetup}%
4192 {}% hyperref is not loaded; do nothing
4193 {\hypersetup{pdftitle={\plaintitle}}}% set the PDF metadata title
4194 }
4195 \let\@author\@empty% suppress default latex.ltx ‘no author’ warning
4196 \renewcommand{\author}[2][{}]{%
4197 \ifthenelse{\isempty{#2}}{}{\gdef\@author{#2}}%
4198 \begingroup%
4199 % TODO store contents of \thanks command
4200 \renewcommand{\thanks}[1]{}% swallow \thanks contents
4201 \renewcommand{\LTRthanks}[1]{}% swallow \LTRthanks contents
4202 \renewcommand{\RTLthanks}[1]{}% swallow \RTLthanks contents
4203 \protected@xdef\thanklessauthor{#2}%
4204 \endgroup%
4205 \ifthenelse{\isempty{#1}}{%
4206 {\renewcommand{\plainauthor}{\thanklessauthor}}% use thankless author
4207 {\renewcommand{\plainauthor}{#1}}% use provided plain-text author
4208 \@ifundefined{hypersetup}%
4209 {}% hyperref is not loaded; do nothing
4210 {\hypersetup{pdfauthor={\plainauthor}}}% set the PDF metadata author
4211 }
4212 \renewcommand{\date}[1]{%
4213 \gdef\@date{#1}%
4214 \begingroup%
4215 % TODO store contents of \thanks command
4216 \renewcommand{\thanks}[1]{}% swallow \thanks contents
4217 \renewcommand{\LTRthanks}[1]{}% swallow \LTRthanks contents
4218 \renewcommand{\RTLthanks}[1]{}% swallow \RTLthanks contents
4219 \protected@xdef\thedata{#1}%
4220 \endgroup%
4221 }
4222 %%

```

```

4223 % Provides a \publisher command to set the publisher
4224 \newcommand{\publisher}[2][]{%
4225   \gdef\@publisher{#2}%
4226   \begingroup%
4227     \renewcommand{\thanks}[1]{}% swallow \thanks contents
4228     \renewcommand{\LTRthanks}[1]{}% swallow \LTRthanks contents
4229     \renewcommand{\RTLthanks}[1]{}% swallow \RTLthanks contents
4230     \protected@xdef\thanklesspublisher{#2}%
4231   \endgroup%
4232   \ifthenelse{\isempty{#1}}{
4233     {\renewcommand{\plainpublisher}{\thanklesspublisher}}% use thankless publisher
4234     {\renewcommand{\plainpublisher}{#1}}% use provided plain-text publisher
4235 }
4236 %%
4237 % Produces a full title page
4238 \newcommand{\maketitlepage}[0]{%
4239   \cleardoublepage%
4240   {%
4241     \bfseries%
4242     \begin{fullwidth}%
4243       \fontsize{18}{20}\selectfont\par\noindent\thanklessauthor%
4244       \vspace{11.5pc}%
4245       \fontsize{36}{40}\selectfont\par\noindent\thanklesstitle%
4246       \vfill%
4247       \fontsize{14}{16}\selectfont\par\noindent\thanklesspublisher%
4248     \end{fullwidth}%
4249   }
4250   \thispagestyle{empty}%
4251   \clearpage%
4252 }
4253 %%
4254 % Title block
4255 \AfterEndPreamble{%
4256 \renewcommand{\maketitle}{%
4257   \newpage%
4258   \global\@topnum\z@% prevent floats from being placed at the top of the page
4259   \begingroup%
4260     \setlength{\parindent}{0pt}%
4261     \setlength{\parskip}{4pt}%
4262     \let\@title\@empty%
4263     \let\@author\@empty%
4264     \let\@date\@empty%
4265     \gdef\@title{\LARGE\itshape\@title\par}%
4266     \gdef\@author{\Large\itshape\@author\par}%
4267     \gdef\@date{\Large\itshape\@date\par}%
4268     \@title%
4269     \@author%
4270     \@date%
4271   \endgroup%
4272   \thispagestyle{plain}% suppress the running head

```

```

4273 }%
4274 }
4275 %%
4276 % Title page (if the 'titlepage' option was passed to the bidentitetitle-handout
4277 % class.)
4278 \AfterEndPreamble{%
4279 \ifthenelse{\boolean{@bidentitetitle@titlepage}}
4280 {\renewcommand{\maketitle}{\maketitlepage}}
4281 {}
4282 }
4283 %%
4284 % When \cleardoublepage is called, produce a blank (empty) page -- i.e.,
4285 % without headers and footers
4286 \def\cleardoublepage{\clearpage\if@twoside\ifodd\c@page\else
4287   \hbox{}
4288   %\vspace*{\fill}
4289   %\begin{center}
4290   % This page intentionally contains only this sentence.
4291   %\end{center}
4292   %\vspace{\fill}
4293   \thispagestyle{empty}
4294   \newpage
4295   \if@twocolumn\hbox{}\newpage\fi\fi\fi}

```

7.26 bidentufte-handout.cls

```

4296 \NeedsTeXFormat{LaTeX2e}[1994/06/01]
4297 \ProvidesClass{bidentufte-handout}[2011/06/18 v0.1 bidentufte-handout class]
4298 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{article}}
4299 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidentuftefloat}}
4300 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidentuftetoc}}
4301 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidentuftehyperref}}
4302 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidentuftetitle}}
4303 \ProcessOptions\relax
4304 \LoadClass{article}
4305 \RequirePackage{bidentuftefloat}
4306 \RequirePackage{bidentuftesidenote}
4307 \RequirePackage{bidentuftetoc}
4308 \RequirePackage{bidentuftegeneralstructure}
4309 \RequirePackage{bidentuftehyperref}
4310 \RequirePackage{bidentuftetitle}
4311 \renewenvironment{abstract}
4312   {\begin{quotation}}
4313   {\end{quotation}}
4314 \AtBeginDocument{%
4315 \IfFileExists{bidentufte-handout.cfg}
4316   {\input{bidentufte-handout.cfg}
4317     \ClassInfo{bidentufte-handout}{Loading bidentufte-handout configuration file \@gobble}}
4318   {}%
4319 }

```

7.27 bittufte-book.cls

```
4320 \NeedsTeXFormat{LaTeX2e}[1994/06/01]
4321 \ProvidesClass{bittufte-book}[2011/06/18 v0.1 bittufte-book class]
4322 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{book}}
4323 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bittuftefloat}}
4324 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bittuftetoc}}
4325 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bittuftehyperref}}
4326 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bittuftetitle}}
4327 \ProcessOptions\relax
4328 \LoadClass{book}
4329 \RequirePackage{bittuftefloat}
4330 \RequirePackage{bittuftesidenote}
4331 \RequirePackage{bittuftetoc}
4332 \RequirePackage{bittuftegeneralstructure}
4333 \RequirePackage{bittuftehyperref}
4334 \RequirePackage{bittuftetitle}
4335 %%
4336 % Set up any book-specific stuff now
4337 %%
4338 % The front matter in Tufte's /Beautiful Evidence/ contains everything up
4339 % to the opening page of Chapter 1. The running heads, when they appear,
4340 % contain only the (arabic) page number in the outside corner.
4341 %\newif\if@mainmatter \@mainmattertrue
4342 \renewcommand\frontmatter{%
4343   \cleardoublepage%
4344   \@mainmatterfalse%
4345   \pagenumbering{arabic}%
4346   %\pagestyle{plain}%
4347   \fancyhf{}%
4348   \ifthenelse{\boolean{@bittuftefloat@twoside}}{%
4349     {\fancyhead[LE,RO]{\thepage}}%
4350     {\fancyhead[RE,RO]{\thepage}}%
4351   }
4352 %%
4353 % The main matter in Tufte's /Beautiful Evidence/ doesn't restart the page
4354 % numbering---it continues where it left off in the front matter.
4355 \renewcommand\mainmatter{%
4356   \cleardoublepage%
4357   \@mainmattertrue%
4358   \fancyhf{}%
4359   \ifthenelse{\boolean{@bittuftefloat@twoside}}{%
4360     {\renewcommand{\chaptermark}[1]{\markboth{##1}{}}}%
4361     {\fancyhead[LE]{\thepage\quad\smallcaps{\newlinetospace{\plaintitle}}}% book title
4362     \fancyhead[RO]{\smallcaps{\newlinetospace{\leftmark}}\quad\thepage}% chapter title
4363     {\fancyhead[RE,RO]{\smallcaps{\newlinetospace{\plaintitle}}\quad\thepage}}% book title
4364   }
4365 %%
4366 % The back matter contains appendices, indices, glossaries, endnotes,
4367 % bibliographies, list of contributors, illustration credits, etc.
```

```

4368 \renewcommand\backmatter{%
4369   \if@openright%
4370     \cleardoublepage%
4371   \else%
4372     \clearpage%
4373   \fi%
4374   \@mainmatterfalse%
4375 }
4376 %%
4377 % Only show the chapter titles in the table of contents
4378 \setcounter{tocdepth}{0}
4379 \AtBeginDocument{%
4380   \IfFileExists{biditufte-book.cfg}
4381     {\input{biditufte-book.cfg}}
4382     \ClassInfo{biditufte-book}{Loading biditufte-book configuration file \@gobble}}
4383 {}%
4384 }

```

7.28 bidipoem.sty

```

4385 \NeedsTeXFormat{LaTeX2e}
4386 \ProvidesPackage{bidipoem}%
4387 [2013/11/12 v0.5 Environments for typesetting Persian traditional and modern poems]
4388 \def\poemcolsepskip{.1\versewidth plus .1\versewidth minus .05\versewidth}
4389 \def\poemmarginsskip{1em plus 1fil minus 1em}
4390 \def\poemextrabaseskip{0\baselineskip}
4391 \def\poemsskip{\medskip}
4392 \newcommand{\bidipoem@openbox}{\leavevmode
4393   \hbox to .77778em{%
4394     \hfil\vrule
4395     \vbox to .675em{\hrule width.6em\vfil\hrule}%
4396     \vrule\hfil}}
4397 \def\poemblocksep{\quad\hbox{\bidipoem@openbox}}
4398 \newdimen\versewidth
4399 \newtoks\bidipoem@p@ftn
4400 \def\poem@verse#1{%
4401   \ifdim\wd#1>\new@poem@width
4402     \xdef\new@poem@width{\the\wd#1}%
4403   \ifdim\new@poem@width>\poem@width
4404     \xdef\poem@width{\new@poem@width}%
4405   \global\let\poem@needrun\relax
4406   \fi
4407   \fi
4408   \hbox to\poem@width{\unhbox#1}%
4409   \global\bidipoem@p@ftn\expandafter{\expandafter}\the\bidipoem@p@ftn%
4410 }
4411 \def\poem@linebegin{\vadjust{}\hskip\@flushglue\hskip\poemmarginsskip\relax}
4412 \def\poem@lineend{\nobreak\hskip\poemmarginsskip\hskip\@flushglue\vadjust{}}
4413 \def\poem@lineversesep{%
4414   \nobreak

```

```

4415 \hskip\z@ plus 1filll%
4416 \penalty600%
4417 \hskip\poemcolsepskip
4418 \hskip\z@ plus -2filll%
4419 \adjust{}%
4420 \nobreak
4421 \hskip\z@ plus 1filll%
4422 }
4423 \def\poem@lineparsebegin{%
4424 \halign\bgroup
4425 \global\setbox\verse@i=\hbox{%
4426 \let\@footnotetext\bidipoem@p@ftntext%
4427 \let\@LTRfootnotetext\bidipoem@p@LTRftntext%
4428 \let\@RTLfootnotetext\bidipoem@p@RTLftntext%
4429 \let\@xfootnotenext\bidipoem@p@xftntext%
4430 \let\@xfootnote\bidipoem@p@xfootnote%
4431 \let\@xLTRfootnotenext\bidipoem@p@xLTRftntext%
4432 \let\@xLTRfootnote\bidipoem@p@xLTRfootnote%
4433 \let\@xRTLfootnotenext\bidipoem@p@xRTLftntext%
4434 \let\@xRTLfootnote\bidipoem@p@xRTLfootnote%
4435 \ignorespaces##\unskip}&&
4436 \global\setbox\verse@ii=\hbox{%
4437 \let\@footnotetext\bidipoem@p@ftntext%
4438 \let\@LTRfootnotetext\bidipoem@p@LTRftntext%
4439 \let\@RTLfootnotetext\bidipoem@p@RTLftntext%
4440 \let\@xfootnotenext\bidipoem@p@xftntext%
4441 \let\@xfootnote\bidipoem@p@xfootnote%
4442 \let\@xLTRfootnotenext\bidipoem@p@xLTRftntext%
4443 \let\@xLTRfootnote\bidipoem@p@xLTRfootnote%
4444 \let\@xRTLfootnotenext\bidipoem@p@xRTLftntext%
4445 \let\@xRTLfootnote\bidipoem@p@xRTLfootnote%
4446 \ignorespaces##\unskip}
4447 \cr
4448 }
4449 \def\poem@lineparseend{%
4450 \crrc\egroup
4451 \vskip-\baselineskip
4452 }
4453 \def\oldpoem@cr{%
4454 \cr\poem@line
4455 }
4456 \newbox\verse@i
4457 \newbox\verse@ii
4458 \newif\ifpoem@started
4459
4460 \def\poem@line{%
4461 \poem@lineparseend
4462 \ifdim\wd\verse@i>\z@\global\poem@startedtrue\fi
4463 \ifdim\wd\verse@ii>\z@\global\poem@startedtrue\fi
4464 \ifpoem@started

```



```

4465 \ifdim\wd\verse@ii>\z@\else
4466 \nopagebreak[3]
4467 \fi
4468 \leavevmode
4469 \poem@linebegin
4470 \poem@verse\verse@i
4471 \ifdim\wd\verse@ii>\z@
4472 \poem@lineversesep
4473 \poem@verse\verse@ii
4474 \fi
4475 \poem@lineend
4476 \nopagebreak
4477 \endgraf
4478 \vskip\poemextrabaseskip
4479 \fi
4480 \poem@lineparsebegin
4481 }
4482 \def\@traditionalpoem{%
4483 \stepcounter{poem@no}
4484 \ifnum\max@poem@no<\number\c@poem@no%
4485 \xdef\poem@width{\z@}%
4486 \else
4487 \xdef\poem@width{\poem@prop{poem@width}}%
4488 \fi
4489 \xdef\new@poem@width{\z@}%
4490 \global\versewidth=\poem@width

4491 \poemskip\par
4492 \begingroup
4493 \tabskip=\z@
4494 \parskip=\z@
4495 \parindent=\z@
4496 \parfillskip=\z@
4497 \rightskip=\z@
4498 \leftskip=\z@
4499 \widowpenalty=10000% No break between verses of the same line.
4500 \clubpenalty=10000% Same as above. Not really needed.
4501 \def\newblock{\hfil\poemblocksep\hfil\null}%
4502 \def\par{\oldpoem@cr}% Redefine \par for possible \obeylines
4503 \def\{\{\global\poem@startedtrue\oldpoem@cr}%
4504 \global\poem@startedfalse
4505 \csname poem@obeylines\endcsname
4506 \let\poem@obeylines\relax
4507 \poem@lineparsebegin
4508 }
4509 \def\@endtraditionalpoem{%
4510 \cr
4511 \ifdim\wd\verse@i>\z@\poem@line\else\ifdim\wd\verse@ii>\z@\poem@line\else
4512 \noalign{%
4513 \skip0=\poemextrabaseskip

```

```

4514 \vskip-\skip0
4515 \vskip-\baselineskip
4516 }%
4517 \fi\fi
4518 \poem@lineparseend
4519 \endgroup
4520 \par
4521 \vskip\baselineskip
4522 \poemskip
4523 \ifdim\new@poem@width<\poem@width
4524 \global\let\poem@needrun\relax
4525 \fi
4526 \poem@write@aux{\poem@width<\romannumeral\c@poem@no}{\new@poem@width}%
4527 \ifx\AtEndDocument\undefined\poem@finish\fi
4528 }
4529
4530
4531 \long\def\bidipoem@p@ftntext#1{%
4532 \edef\@tempxi{\the\bidipoem@p@ftn\noexpand\footnotetext[\the\csname c@\@mpfn\endcsname]}%
4533 \global\bidipoem@p@ftn\expandafter{\@tempxi{#1}}}%
4534 \long\def\bidipoem@p@LTRftntext#1{%
4535 \edef\@tempxi{\the\bidipoem@p@ftn\noexpand\LTRfootnotetext[\the\csname c@\@mpfn\endcsname]}%
4536 \global\bidipoem@p@ftn\expandafter{\@tempxi{#1}}}%
4537 \long\def\bidipoem@p@RTLftntext#1{%
4538 \edef\@tempxii{\the\bidipoem@p@ftn\noexpand\RTLfootnotetext[\the\csname c@\@mpfn\endcsname]}%
4539 \global\bidipoem@p@ftn\expandafter{\@tempxii{#1}}}%
4540
4541 \long\def\bidipoem@p@xftntext[#1]#2{%
4542 \global\bidipoem@p@ftn\expandafter{\the\bidipoem@p@ftn\footnotetext[#1]{#2}}%
4543
4544 \long\def\bidipoem@p@xLTRftntext[#1]#2{%
4545 \global\bidipoem@p@ftn\expandafter{\the\bidipoem@p@ftn\LTRfootnotetext[#1]{#2}}%
4546
4547 \long\def\bidipoem@p@xRTLftntext[#1]#2{%
4548 \global\bidipoem@p@ftn\expandafter{\the\bidipoem@p@ftn\RTLfootnotetext[#1]{#2}}%
4549
4550 \def\bidipoem@p@xfootnote[#1]{%
4551 \begingroup
4552 \csname c@\@mpfn\endcsname #1\relax
4553 \unrestored@protected@xdef\@thefnmark{\thempfn}%
4554 \endgroup
4555 \@footnotemark\bidipoem@p@xftntext[#1]}
4556
4557 \def\bidipoem@p@xLTRfootnote[#1]{%
4558 \begingroup
4559 \csname c@\@mpfn\endcsname #1\relax
4560 \unrestored@protected@xdef\@thefnmark{\thempfn}%
4561 \endgroup
4562 \@footnotemark\bidipoem@p@xLTRftntext[#1]}
4563

```

```

4564 \def\bidipoem@p@xRTLfootnote[#1]{%
4565     \begingroup
4566         \csname c@\@mpfn\endcsname #1\relax
4567         \unrestored@protected@xdef\@thefnmark{\thempfn}%
4568     \endgroup
4569     \@footnotemark\bidipoem@p@xRTLftntext[#1]}
4570
4571
4572
4573 \newenvironment{traditionalpoem}{\@traditionalpoem}{\@endtraditionalpoem}
4574 \expandafter\def\csname traditionalpoem*\endcsname{\let\poem@obeylines=\obeylines\traditional
4575 \expandafter\def\csname endtraditionalpoem*\endcsname{\endtraditionalpoem}
4576 \def\poem@finish{%
4577 \poem@write@aux{max@poem@no}{\number\c@poem@no}%
4578 \ifx\poem@needrun\relax
4579 \PackageWarning{bidipoem}{Unjustified poem.  Rerun XeLaTeX to get poem right}%
4580 \global\let\poem@needrun\undefined
4581 \fi
4582 }
4583 \ifx\AtEndDocument\undefined\else\AtEndDocument\poem@finish\fi
4584 \newcounter{poem@no}\setcounter{poem@no}{\z@}
4585 \ifx\max@poem@no\undefined
4586     \def\max@poem@no{0}%
4587 \fi
4588 \newcommand{\poem@prop}[1]{\@nameuse{#1@\romannumeral\c@poem@no}}
4589 \newcommand{\poem@write@aux}[2]{%
4590     \def\@x{\immediate\write\@auxout{\global\noexpand\@namedef{#1}{#2}}}%
4591     \@x
4592 }
4593 \def\@modernpoem{%
4594 \par
4595 \begingroup
4596 \parskip=\z@
4597 \parindent=\z@
4598 \def\[\{\@settab\@tabplus\ignorespaces}%
4599 \def\]\{\@tabminus\ignorespaces}%
4600 \def\newblock{\poemblocksep}%
4601 \let\newpoem@tabcr\@tabcr
4602 \def\par{% Redefine \par for possible \obeylines
4603     \ifpoem@started\else
4604         \ifdim\wd\@curline>\z@\global\poem@startedtrue\else
4605             \@stopfield
4606             \ifdim\wd\@curfield>\z@\global\poem@startedtrue\fi
4607             \@contfield
4608         \fi
4609     \fi
4610     \ifpoem@started\newpoem@tabcr\fi}%
4611 \def\@tabcr{\global\poem@startedtrue\newpoem@tabcr}%
4612 \global\poem@startedfalse
4613 \csname poem@obeylines\endcsname

```

```

4614 \let\poem@obeylines\relax
4615 \begin{tabbing}%
4616 }
4617 \def\@endmodernpoem{%
4618 \global\poem@startedfalse
4619 \ifdim\wd\@curline>\z@\global\poem@startedtrue\else
4620   \@stopfield
4621   \ifdim\wd\@curfield>\z@\global\poem@startedtrue\fi
4622   \@contfield
4623 \fi
4624 \ifpoem@started\else\let\@stopline\@stopfield\fi
4625 \end{tabbing}%
4626 \endgroup
4627 \par
4628 }
4629 \newenvironment{modernpoem}{\@modernpoem}{\@endmodernpoem}
4630 \expandafter\def\csname modernpoem*\endcsname{\let\poem@obeylines=\obeylines\modernpoem}
4631 \expandafter\def\csname endmodernpoem*\endcsname{\endmodernpoem}
4632 \gdef\@startfield{%
4633 \global\setbox\@curfield\hbox\bgroup%
4634 \let\@footnotetext\bidipoem@p@ftntext%
4635 \let\@LTRfootnotetext\bidipoem@p@LTRftntext%
4636 \let\@RTLfootnotetext\bidipoem@p@RTLftntext%
4637 \let\@xfootnotenext\bidipoem@p@xftntext%
4638 \let\@xfootnote\bidipoem@p@xfootnote%
4639 \let\@xLTRfootnotenext\bidipoem@p@xLTRftntext%
4640 \let\@xLTRfootnote\bidipoem@p@xLTRfootnote%
4641 \let\@xRTLfootnotenext\bidipoem@p@xRTLftntext%
4642 \let\@xRTLfootnote\bidipoem@p@xRTLfootnote%
4643 \color@begingroup}
4644 \gdef\@stopfield{%
4645   \color@endgroup\egroup\global\bidipoem@p@ftn\expandafter{\expandafter}\the\bidipoem@p@ftn}
4646 \gdef\@contfield{%
4647 \global\setbox\@curfield\hbox\bgroup%
4648 \let\@footnotetext\bidipoem@p@ftntext%
4649 \let\@LTRfootnotetext\bidipoem@p@LTRftntext%
4650 \let\@RTLfootnotetext\bidipoem@p@RTLftntext%
4651 \let\@xfootnotenext\bidipoem@p@xftntext%
4652 \let\@xfootnote\bidipoem@p@xfootnote%
4653 \let\@xLTRfootnotenext\bidipoem@p@xLTRftntext%
4654 \let\@xLTRfootnote\bidipoem@p@xLTRfootnote%
4655 \let\@xRTLfootnotenext\bidipoem@p@xRTLftntext%
4656 \let\@xRTLfootnote\bidipoem@p@xRTLfootnote%
4657 \color@begingroup\unhbox\@curfield}

```

7.29 bidipresentation.cls

```

4658 \NeedsTeXFormat{LaTeX2e}
4659 \ProvidesClass{bidipresentation}[2013/11/16 v0.1 bidi presentation]
4660 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{article}}

```

```

4661 \ProcessOptions\relax
4662 \LoadClass{article}
4663
4664 \RequirePackage[foot=10.2pt,head=0pt,paperwidth=128mm,paperheight=96mm,left=5mm,top=5mm,right=5mm]{geometry}
4665
4666 \RequirePackage{fancyhdr}
4667 \renewcommand{\headrulewidth}{0mm}
4668
4669 \renewcommand{\maketitle}{%
4670   {\ClassError{bidipresentation}{Caution: ‘maketitle’ command not supported}%
4671   {Please use ‘titlepage’ environment instead}%
4672 }
4673
4674 \fancypagestyle{pres}{%
4675   \fancyhf{}%
4676   \fancyfoot[R0,LE]{\footnotesize \thepage}%
4677 }
4678
4679 \pagestyle{pres}
4680
4681 \newcommand{\distance}[1]{\vspace*{\stretch{#1}}}
4682 \newcommand{\abstand}[1]{\vspace*{\stretch{#1}}}
4683
4684 \setlength{\parskip}{0.6ex}
4685 \setlength{\parindent}{0mm}
4686
4687 \newenvironment{plainslide}[1][1]{%
4688   {{\raggedleft \large\bfseries #1\par}\par\vspace*{\stretch{1}}}%
4689   {\par\vspace*{\stretch{1}}\newpage}
4690
4691 \newenvironment{rawslide}{}{\newpage}%
4692
4693 \def\itemize{%
4694   \ifnum \@itemdepth >\thr@@\toodeep\else
4695     \advance\@itemdepth\@ne
4696     \edef\@itemitem{labelitem\romannumeral\the\@itemdepth}%
4697     \expandafter
4698     \list
4699       \csname\@itemitem\endcsname
4700     {\def\makelabel##1{\hss\llap{##1}}}%
4701   \fi
4702   \setlength{\itemsep}{0ex}%
4703   \setlength{\parskip}{0.1ex}%
4704   \setlength{\parsep}{0ex}%
4705   }%
4706 \let\enditemize=\endlist
4707
4708 \def\enumerate{%
4709   \ifnum \@enumdepth >\thr@@\toodeep\else
4710     \advance\@enumdepth\@ne

```

```

4711 \edef\@enumctr{enum\romannumeral\the\@enumdepth}%
4712 \expandafter
4713 \list
4714 \csname label\@enumctr\endcsname
4715 {\usecounter\@enumctr\def\makelabel##1{\hss\llap{##1}}}%
4716 \fi
4717 \setlength{\itemsep}{0ex}%
4718 \setlength{\parskip}{0.1ex}%
4719 \setlength{\parsep}{0ex}%
4720 }%
4721 \let\endenumerate=\endlist
4722
4723 \renewenvironment{description}
4724 {\list{}{\labelwidth\z@ \itemindent-\leftmargin
4725 \let\makelabel\descriptionlabel}
4726 \setlength{\itemsep}{0ex}%
4727 \setlength{\parskip}{0.1ex}%
4728 \setlength{\parsep}{0ex}}
4729 {\endlist}
4730
4731 \newbox\bidibox\bidibox@uses@vebox
4732 \newtoks\bidibox@uses@veoutput
4733 \newcount\bidibox@uses@vepage
4734 \def\pause{\global\bidibox@uses@vepage=\count0\relax %save pagenumber
4735 \bidibox@uses@veoutput=\output % make backup copy of output routine
4736 \output={\global\setbox\bidibox@uses@vebox=\box255}% copy current contents
4737 % only, when triggered
4738 \vfill\egroup %trigger now
4739 \output=\bidibox@uses@veoutput % restore output routine
4740 \unvbox\bidibox@uses@vebox % insert contents
4741 \egroup % now really show the output
4742 \global\count0=\bidibox@uses@vepage\relax %restore page number
4743 \unvbox\bidibox@uses@vebox\vskip-\lastskip % and insert again for next turn
4744 }%

```

7.30 boek3-xetex-bidi.def

```

4744 \ProvidesFile{boek3-xetex-bidi.def}[2011/08/26 v0.2 bidi adaptations for boek3 class for XeTeX]
4745 \renewenvironment{theindex}{%
4746 \if@twocolumn
4747 \@restonecolfalse
4748 \else
4749 \@restonecoltrue
4750 \fi
4751 \columnseprule \z@
4752 \columnsep 35\p@
4753 \twocolumn[\@makeschapterhead{\indexname}]{%
4754 \mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}%
4755 \thispagestyle{plain}\parindent\z@
4756 \parskip\z@ \@plus .3\p@\relax
4757 \let\item\@idxitem

```

```

4758 }{%
4759 \if@restonecol\onecolumn\else\clearpage\fi}
4760 \renewcommand*\head@style{%
4761 \interlinepenalty \@M
4762 \hyphenpenalty=\@M \exhyphenpenalty=\@M
4763 \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}
4764 \renewcommand*\@regtocline[3]{%
4765 \ifnum #1>\c@tocdepth
4766 \else
4767 \vskip\z@ \@plus.2\p@
4768 {\hangindent\z@ \afterindenttrue \interlinepenalty\@M
4769 \if@RTL\rightskip\else\leftskip\fi\unitindent
4770 \if@RTL\leftskip\else\rightskip\fi\unitindent \@plus 1fil
4771 \parfillskip\z@
4772 \@tempdima\unitindent
4773 \parindent\z@
4774 \leavevmode
4775 \hbox{}\hskip -\if@RTL\rightskip\else\leftskip\fi\relax#2\nobreak
4776 \hskip 1em \nobreak{\slshape #3}\par
4777 }%
4778 \fi}
4779 \if@oldtoc
4780 \renewcommand*\l@part[2]{%
4781 \ifnum \c@tocdepth >-2\relax
4782 \addpenalty{-\@highpenalty}%
4783 \addvspace{2.25em \@plus\p@}%
4784 \begingroup
4785 \setlength\@tempdima{3em}%
4786 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
4787 \parfillskip -\@pnumwidth
4788 {\leavevmode
4789 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
4790 \nobreak
4791 \global\@nobreaktrue
4792 \everypar{\global\@nobreakfalse\everypar{}}%
4793 \endgroup
4794 \fi}
4795 \else
4796 \renewcommand*\l@part{%
4797 \ifnum \c@tocdepth >-2\relax
4798 \addpenalty{-\@highpenalty}%
4799 \addvspace{2.25em \@plus\p@}%
4800 \@regtocline{0}%
4801 \fi}
4802 \fi
4803 \if@oldtoc
4804 \renewcommand*\l@chapter[2]{%
4805 \addpenalty{-\@highpenalty}%
4806 \vskip 1.0em \@plus\p@
4807 \setlength\@tempdima{1.5em}%

```

```

4808 \begingroup
4809 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
4810 \parfillskip -\@pnumwidth
4811 \leavevmode \bfseries
4812 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
4813 \hskip -\if@RTL\rightskip\else\leftskip\fi
4814 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
4815 \penalty\@highpenalty
4816 \endgroup}
4817 \else
4818 \renewcommand*\l@chapter{\@regtocline{0}}
4819 \fi
4820 \renewenvironment{abstract}{%
4821 \titlepage
4822 \null\vfil
4823 \section*{\SectFont \abstractname}
4824 \noindent\ignorespaces}
4825 {\par\vfil\null\endtitlepage}
4826 \renewenvironment{thebibliography}[1]
4827 {\chapter*{\bibname}%
4828 \mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
4829 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
4830 \list{\@biblabel{\@arabic\c@enumiv}}%
4831 {\settowidth\labelwidth{\@biblabel{#1}}%
4832 \leftmargin\labelwidth
4833 \advance\leftmargin\labelsep
4834 \openbib@code
4835 \usecounter{enumiv}%
4836 \let\p@enumiv\@empty
4837 \renewcommand*\theenumiv{\@arabic\c@enumiv}}%
4838 \sloppy\clubpenalty4000\widowpenalty4000%
4839 \sfcode'\.\@m}
4840 {\def\@noitemerr
4841 {\@latex@warning{Empty 'thebibliography' environment}}%
4842 \endlist}
4843 \renewcommand*\left@footnoterule{%
4844 \kern-3\p@
4845 \kern.5\baselineskip
4846 \hrule\@width\unitindent
4847 \kern.4\baselineskip
4848 }
4849 \renewcommand*\right@footnoterule{%
4850 \hbox to \columnwidth
4851 {\beginR \vbox{%
4852 \kern-3\p@
4853 \kern.5\baselineskip
4854 \hrule\@width\unitindent
4855 \kern.4\baselineskip}\hfil\endR}
4856 }
4857 \renewcommand*\thesection{\thechapter\@SepMark\@arabic\c@section}

```



```

4858 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@section}
4859 \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
4860 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
4861 \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic\c@subparagraph}
4862 \renewcommand*\theequation{%
4863   \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@equation}
4864 \renewcommand*\thefigure{%
4865   \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@figure}
4866 \renewcommand*\thetable{%
4867   \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@table}
4868 \renewcommand*\maketitle{%
4869   \begin{titlepage}%
4870     \let\footnotesize\small
4871     \let\right@footnoterule\relax
4872     \let\left@footnoterule\relax
4873     \let\textwidth\footnoterule\relax
4874     \let \footnote \thanks
4875     \long\def\@makefntext##1{\parindent\z@
4876       \def\labelitemi{\textendash}\@revlabeltrue
4877       \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
4878     \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
4879     \if@compatibility\setcounter{page}{0}\fi
4880     \null\vfil
4881     \vskip 60\p@
4882     \begin{center}%
4883       \TitleFont
4884       {\LARGE \def\\{\penalty -\@M}
4885         \if@allcaps
4886           \expandafter\uc@nothanks\@title\thanks\relax
4887         \else
4888           \@title
4889         \fi\par}%
4890       \vskip 3em%
4891       {\large
4892         \lineskip .75em \parindent\z@
4893         \begin{tabular}[t]{c}%
4894           \if@allcaps
4895             \expandafter\uc@authornothanks\@author\and\relax
4896           \else
4897             \@author
4898           \fi
4899         \end{tabular}\par}%
4900       \vskip 1.5em%
4901       {\large
4902         \if@allcaps
4903           \uppercase\expandafter{\@date}%
4904         \else
4905           \@date
4906         \fi\par}%
4907     \end{center}\par

```

```

4908 \thanks
4909 \vfil\null
4910 \end{titlepage}%
4911 \setcounter{footnote}{0}%
4912 \global\let\thanks\relax
4913 \global\let\maketitle\relax
4914 \global\let\@thanks\@empty
4915 \global\let\@author\@empty
4916 \global\let\@title\@empty
4917 \global\let\@date\@empty
4918 \global\let\title\relax
4919 \global\let\author\relax
4920 \global\let\date\relax
4921 \global\let\and\relax
4922 }

```

7.31 boek-xetex-bidi.def

```

4923 \ProvidesFile{boek-xetex-bidi.def}[2011/08/26 v0.2 bidi adaptations for boek class for XeTeX]
4924 \renewenvironment{theindex}{%
4925 \if@twocolumn
4926 \restonecolfalse
4927 \else
4928 \restonecoltrue
4929 \fi
4930 \columnseprule \z@
4931 \columnsep 35\p@
4932 \twocolumn[\@makeschapterhead{\indexname}]{%
4933 \mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}%
4934 \thispagestyle{plain}\parindent\z@
4935 \parskip\z@ \@plus .3\p@\relax
4936 \let\item\@idxitem
4937 }{%
4938 \if@restonecol\onecolumn\else\clearpage\fi}
4939 \renewcommand*{\head@style}{%
4940 \interlinepenalty \@M
4941 \hyphenpenalty=\@M \exhyphenpenalty=\@M
4942 \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}
4943 \renewcommand*{\regtocline}[3]{%
4944 \ifnum #1>\c@tocdepth
4945 \else
4946 \vskip\z@\@plus.2\p@
4947 {\hangindent\z@ \@afterindenttrue \interlinepenalty\@M
4948 \if@RTL\rightskip\else\leftskip\fi\unitindent
4949 \if@RTL\leftskip\else\rightskip\fi\unitindent\@plus 1fil
4950 \parfillskip\z@
4951 \@tempdima\unitindent
4952 \parindent\z@
4953 \leavevmode
4954 \hbox{ }\hskip -\if@RTL\rightskip\else\leftskip\fi\relax#2\nobreak

```

```

4955     \hskip 1em \nobreak{\slshape #3}\par
4956   }%
4957 \fi}
4958 \if@oldtoc
4959 \renewcommand*\l@part[2]{%
4960   \ifnum \c@tocdepth >-2\relax
4961     \addpenalty{-\@highpenalty}%
4962     \addvspace{2.25em \@plus\p@}%
4963     \begingroup
4964       \setlength\@tempdima{3em}%
4965       \parindent \z@ \ifRTL\leftskip\else\rightskip\fi \@pnumwidth
4966       \parfillskip -\@pnumwidth
4967       {\leavevmode
4968         \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
4969         \nobreak
4970         \global\@nobreaktrue
4971         \everypar{\global\@nobreakfalse\everypar{}}}%
4972     \endgroup
4973 \fi}
4974 \else
4975   \renewcommand*\l@part{%
4976     \ifnum \c@tocdepth >-2\relax
4977       \addpenalty{-\@highpenalty}%
4978       \addvspace{2.25em \@plus\p@}%
4979       \@regtocline{0}%
4980     \fi}
4981 \fi
4982 \if@oldtoc
4983 \renewcommand*\l@chapter[2]{%
4984   \addpenalty{-\@highpenalty}%
4985   \vskip 1.0em \@plus\p@
4986   \setlength\@tempdima{1.5em}%
4987   \begingroup
4988     \parindent \z@ \ifRTL\leftskip\else\rightskip\fi \@pnumwidth
4989     \parfillskip -\@pnumwidth
4990     \leavevmode \bfseries
4991     \advance\ifRTL\rightskip\else\leftskip\fi\@tempdima
4992     \hskip -\ifRTL\rightskip\else\leftskip\fi
4993     #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
4994     \penalty\@highpenalty
4995   \endgroup}
4996 \else
4997   \renewcommand*\l@chapter{\@regtocline{0}}
4998 \fi
4999 \renewcommand*\left@footnoterule{%
5000   \kern-3\p@
5001   \kern.5\baselineskip
5002   \hrule\@width\unitindent
5003   \kern.4\baselineskip
5004 }

```

```

5005 \renewcommand*\right@footnoterule{%
5006   \hbox to \columnwidth
5007   {\beginR \vbox{%
5008     \kern-3\p@
5009     \kern.5\baselineskip
5010     \hrule\@width\unitindent
5011     \kern.4\baselineskip}\hfil\endR}
5012 }
5013 \renewenvironment{abstract}{%
5014   \titlepage
5015   \null\vfil
5016   \section*\SectFont \abstractname}
5017   \noindent\ignorespaces}
5018   {\par\vfil\null\endtitlepage}
5019 \renewenvironment{thebibliography}[1]
5020   {\chapter*\bibname}%
5021   \mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
5022   \ifRTL\ifLTRbibitems\@RTLfalse\else\fi\else\ifRTLbibitems\@RTLtrue\else\fi\fi
5023   \list{\@biblabel{\@arabic\c@enumiv}}%
5024     {\settowidth\labelwidth{\@biblabel{#1}}%
5025     \leftmargin\labelwidth
5026     \advance\leftmargin\labelsep
5027     \openbib@code
5028     \usecounter{enumiv}%
5029     \let\p@enumiv\@empty
5030     \renewcommand*\theenumiv{\@arabic\c@enumiv}}%
5031   \sloppy\clubpenalty4000\widowpenalty4000%
5032   \sfcode'\.\@m}
5033   {\def\@noitemerr
5034     {\@latex@warning{Empty 'thebibliography' environment}}%
5035   \endlist}
5036 \renewcommand*\thesection{\thechapter\@SepMark\@arabic\c@section}
5037 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@subsection}
5038 \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
5039 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
5040 \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic\c@subparagraph}
5041 \renewcommand*\theequation{%
5042   \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@equation}
5043 \renewcommand*\thefigure{%
5044   \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@figure}
5045 \renewcommand*\thetable{%
5046   \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@table}
5047 \renewcommand*\maketitle{%
5048   \begin{titlepage}%
5049     \let\footnotesize\small
5050     \let\right@footnoterule\relax
5051     \let\left@footnoterule\relax
5052     \let\textwidth\footnoterule\relax
5053     \let \footnote \thanks
5054     \long\def\@makefnctext##1{\parindent\z@

```

```

5055         \def\labelitemi{\textendash}\@revlabeltrue
5056         \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
5057 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
5058 \if@compatibility\setcounter{page}{0}\fi
5059 \null\vfil
5060 \vskip 60\p@
5061 \begin{center}%
5062   \TitleFont
5063   {\LARGE \def\{\penalty -\@M}
5064     \if@allcaps
5065       \expandafter\uc@nothanks\@title\thanks\relax
5066     \else
5067       \@title
5068     \fi\par}%
5069 \vskip 3em%
5070 {\large
5071   \lineskip .75em \parindent\z@
5072   \begin{tabular}[t]{c}%
5073     \if@allcaps
5074       \expandafter\uc@authornothanks\@author\and\relax
5075     \else
5076       \@author
5077     \fi
5078   \end{tabular}\par}%
5079 \vskip 1.5em%
5080 {\large
5081   \if@allcaps
5082     \uppercase\expandafter{\@date}%
5083   \else
5084     \@date
5085   \fi\par}%
5086 \end{center}\par
5087 \@thanks
5088 \vfil\null
5089 \end{titlepage}%
5090 \setcounter{footnote}{0}%
5091 \global\let\thanks\relax
5092 \global\let\maketitle\relax
5093 \global\let\@thanks\@empty
5094 \global\let\@author\@empty
5095 \global\let\@title\@empty
5096 \global\let\@date\@empty
5097 \global\let\title\relax
5098 \global\let\author\relax
5099 \global\let\date\relax
5100 \global\let\and\relax
5101 }

```

7.32 bookest-xetex-bidi.def

```

5102 \ProvidesFile{bookest-xetex-bidi.def}[2010/07/25 v0.4 bidi adaptations for bookest class for
5103 \def\@makechapterhead#1{%
5104   \vspace*{20\p@}
5105   {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi \normalfont
5106     \ifnum \c@secnumdepth >\m@ne
5107       \if@mainmatter
5108         {\colorA\huge\scshape \@chapapp\space \thechapter}
5109         \par\nobreak
5110         \vskip 10\p@
5111       \fi
5112     \fi
5113     \interlinepenalty\@M
5114     {\colorB\hrule}
5115     \vskip 15\p@
5116     \if@RTL\begin{flushleft}\else\begin{flushright}\fi
5117       {\colorA\Huge \bfseries #1}\par\nobreak
5118     \if@RTL\end{flushleft}\else\end{flushright}\fi
5119     \vskip 5\p@
5120     {\colorB\hrule}
5121     \vskip 30\p@
5122   }}
5123 \def\@makeschapterhead#1{%
5124   \vspace*{20\p@}
5125   {\parindent \z@ \raggedright \normalfont
5126     {\colorB\hrule}
5127     \vskip 15\p@
5128     \begin{center}
5129       {\colorA\Huge \bfseries #1}\par\nobreak
5130     \end{center}
5131     \vskip 5\p@
5132     {\colorB\hrule}
5133     \vskip 30\p@
5134   }}

```

7.33 book-xetex-bidi.def

```

5135 \ProvidesFile{book-xetex-bidi.def}[2011/08/26 v0.8 bidi adaptations for standard book class f
5136 \renewenvironment{theindex}
5137   {\if@twocolumn
5138     \@restonecolfalse
5139     \else
5140       \@restonecoltrue
5141     \fi
5142     \columnseprule \z@
5143     \columnsep 35\p@
5144     \twocolumn[\@makeschapterhead{\indexname}]{%
5145       \@mkboth{\MakeUppercase\indexname}%
5146       {\MakeUppercase\indexname}%
5147       \thispagestyle{plain}\parindent\z@
5148       \parskip\z@ \@plus .3\p@\relax

```

```

5149             \let\item\@idxitem}
5150             {\if@restonecol\onecolumn\else\clearpage\fi}
5151 \@@ifclassloaded{bookest}{-}{%
5152   \if@titlepage
5153   \renewcommand\maketitle{\begin{titlepage}%
5154     \let\footnotesize\small
5155     \let\right@footnoterule\relax
5156     \let\left@footnoterule\relax
5157     \let\textwidth@footnoterule\relax
5158     \let \footnote \thanks
5159     \let \LTRfootnote \LTRthanks
5160     \let \RTLfootnote \RTLthanks
5161     \null\vfil
5162     \vskip 60\p@
5163     \begin{center}%
5164       {\LARGE \@title \par}%
5165       \vskip 3em%
5166       {\large
5167         \lineskip .75em%
5168         \begin{tabular}[t]{c}%
5169           \@author
5170           \end{tabular}\par}%
5171       \vskip 1.5em%
5172       {\large \@date \par}%           % Set date in \large size.
5173     \end{center}\par
5174     \@thanks
5175     \vfil\null
5176   \end{titlepage}%
5177   \setcounter{footnote}{0}%
5178   \global\let\thanks\relax
5179   \global\let\LTRthanks\relax
5180   \global\let\RTLthanks\relax
5181   \global\let\maketitle\relax
5182   \global\let\@thanks\@empty
5183   \global\let\@author\@empty
5184   \global\let\@date\@empty
5185   \global\let\@title\@empty
5186   \global\let\title\relax
5187   \global\let\author\relax
5188   \global\let\date\relax
5189   \global\let\and\relax
5190 }
5191 \else
5192 \renewcommand\maketitle{\par
5193   \begingroup
5194     \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
5195     \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
5196     \long\def\@makefntext##1{\parindent 1em\noindent
5197       \hb@xt@1.8em{%
5198         \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%

```

```

5199 \if@twocolumn
5200 \ifnum \col@number=\@ne
5201 \maketitle
5202 \else
5203 \twocolumn[\maketitle]%
5204 \fi
5205 \else
5206 \newpage
5207 \global\@topnum\z@ % Prevents figures from going at top of page.
5208 \maketitle
5209 \fi
5210 \thispagestyle{plain}\@thanks
5211 \endgroup
5212 \setcounter{footnote}{0}%
5213 \global\let\thanks\relax
5214 \global\let\LTRthanks\relax
5215 \global\let\RTLthanks\relax
5216 \global\let\maketitle\relax
5217 \global\let\@maketitle\relax
5218 \global\let\@thanks\@empty
5219 \global\let\@author\@empty
5220 \global\let\@date\@empty
5221 \global\let\@title\@empty
5222 \global\let\title\relax
5223 \global\let\author\relax
5224 \global\let\date\relax
5225 \global\let\and\relax
5226 }
5227 \def\@maketitle{%
5228 \newpage
5229 \null
5230 \vskip 2em%
5231 \begin{center}%
5232 \let \footnote \thanks
5233 \let \LTRfootnote \LTRthanks
5234 \let \RTLfootnote \RTLthanks
5235 {\LARGE \@title \par}%
5236 \vskip 1.5em%
5237 {\large
5238 \lineskip .5em%
5239 \begin{tabular}[t]{c}%
5240 \@author
5241 \end{tabular}\par}%
5242 \vskip 1em%
5243 {\large \@date}%
5244 \end{center}%
5245 \par
5246 \vskip 1.5em}
5247 \fi}
5248 \renewcommand*\l@part[2]{%

```



```

5249 \ifnum \c@tocdepth >-2\relax
5250 \addpenalty{-\@highpenalty}%
5251 \addvspace{2.25em \@plus\p@}%
5252 \setlength\@tempdima{3em}%
5253 \begingroup
5254 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
5255 \parfillskip -\@pnumwidth
5256 {\leavevmode
5257 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
5258 \nobreak
5259 \global\@nobreaktrue
5260 \everypar{\global\@nobreakfalse\everypar{}}%
5261 \endgroup
5262 \fi}
5263 \renewcommand*\l@chapter[2]{%
5264 \ifnum \c@tocdepth >\m@ne
5265 \addpenalty{-\@highpenalty}%
5266 \vskip 1.0em \@plus\p@
5267 \setlength\@tempdima{1.5em}%
5268 \begingroup
5269 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
5270 \parfillskip -\@pnumwidth
5271 \leavevmode \bfseries
5272 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
5273 \hskip -\if@RTL\rightskip\else\leftskip\fi
5274 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
5275 \penalty\@highpenalty
5276 \endgroup
5277 \fi}
5278 \renewcommand\left@footnoterule{%
5279 \kern-3\p@
5280 \hrule\@width.4\columnwidth
5281 \kern2.6\p@}
5282 \renewcommand\right@footnoterule{%
5283 \hbox to \columnwidth
5284 {\beginR \vbox{%
5285 \kern-3\p@
5286 \hrule\@width.4\columnwidth
5287 \kern2.6\p@}\hfil\endR}}
5288 \renewcommand\theequation
5289 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
5290 \renewcommand \thefigure
5291 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
5292 \renewcommand \thetable
5293 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
5294 \renewcommand \thechapter {\@arabic\c@chapter}
5295 \renewcommand \thesection {\thechapter\@SepMark\@arabic\c@section}
5296 \renewcommand \thesubsection {\thesection\@SepMark\@arabic\c@subsection}
5297 \renewcommand \thesubsubsection {\thesubsection \@SepMark\@arabic\c@subsubsection}
5298 \renewcommand \theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}

```

```

5299 \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}
5300 \def\@makechapterhead#1{%
5301   \vspace*{50\p@}%
5302   {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi \normalfont
5303     \ifnum \c@secnumdepth >\m@ne
5304       \if@mainmatter
5305         \huge\bfseries \@chapapp\space \thechapter
5306         \par\nobreak
5307         \vskip 20\p@
5308       \fi
5309     \fi
5310     \interlinepenalty\@M
5311     \Huge \bfseries #1\par\nobreak
5312     \vskip 40\p@
5313   }}
5314 \def\@makeschapterhead#1{%
5315   \vspace*{50\p@}%
5316   {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
5317     \normalfont
5318     \interlinepenalty\@M
5319     \Huge \bfseries #1\par\nobreak
5320     \vskip 40\p@
5321   }}
5322 \renewcommand\backmatter{%
5323   \if@openright
5324     \cleardoublepage
5325   \else
5326     \clearpage
5327   \fi
5328   \@mainmatterfalse}
5329 \renewenvironment{thebibliography}[1]
5330   {\chapter*\bibname}%
5331   \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
5332   \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
5333   \list{\@biblabel{\@arabic\c@enumiv}}%
5334     {\settowidth\labelwidth{\@biblabel{#1}}%
5335       \leftmargin\labelwidth
5336       \advance\leftmargin\labelsep
5337       \@openbib@code
5338       \usecounter{enumiv}%
5339       \let\p@enumiv\@empty
5340       \renewcommand\theenumiv{\@arabic\c@enumiv}}%
5341   \sloppy
5342   \clubpenalty4000
5343   \@clubpenalty \clubpenalty
5344   \widowpenalty4000%
5345   \sfcode'\.\@m}
5346 {\def\@noitemerr
5347   {\@latex@warning{Empty 'thebibliography' environment}}%
5348   \endlist}

```

7.34 breqn-xetex-bidi.def

```

5349 \ProvidesFile{breqn-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for breqn package for Xe
5350 \def\@dmath[#1]{\if@RTL\@RTLfalse\fi%
5351 \everydisplay\expandafter{\the\everydisplay \display@setup}%
5352 \if@noskipsec \leavevmode \fi
5353 \if@inlabel \leavevmode \global\@inlabelfalse \fi
5354 \if@eq@group\else\eq@prelim\fi
5355 \setkeys{breqn}{#1}%
5356 \the\eqstyle
5357 \eq@setnumber
5358 \begin@group
5359 \eq@setup@a
5360 \eq@startup
5361 }
5362 \def\@dgroup[#1]{\if@RTL\@RTLfalse\fi%
5363 \let\eq@group\@True \global\let\eq@GRP@first@dmath\@True
5364 \global\GRP@queue\@emptytoks \global\setbox\GRP@box\box\voidb@x
5365 \global\let\GRP@label\@empty
5366 \global\grp@wdL\z@\global\grp@wdR\z@\global\grp@wdT\z@
5367 \global\grp@linewidth\z@\global\grp@wdNum\z@
5368 \global\let\grp@eqs@numbered\@False
5369 \global\let\grp@aligned\@True
5370 \global\let\grp@shiftnumber\@False
5371 \eq@prelim
5372 \setkeys{breqn}{#1}%
5373 \if\grp@hasNumber \grp@setnumber \fi
5374 }
5375 \def\@dseries[#1]{\if@RTL\@RTLfalse\fi%
5376 \let\display@setup\dseries@display@setup
5377 % Question: should this be the default for dseries???
5378 \global\eq@wdCond\z@
5379 \@dmath[layout={M},#1]%
5380 \mathsurround\z@\@math \penalty\@Mi
5381 \let\endmath\ends@math
5382 \def\premath{%
5383 \ifdim\lastskip<.3em \unskip
5384 \else\ifnum\lastpenalty<\@M \dquad\fi\fi
5385 }%
5386 \def\postmath{\unpenalty\eq@addpunct \penalty\intermath@penalty \dquad \@ignoretrue}%
5387 \ignorespaces
5388 }
5389 \def\eqnumform#1{\if@Latin\else\beginR\@RTLtrue\fi(#1\@@italiccorr)\if@Latin\else\endR\fi}
5390 \renewenvironment{dsuspend}{%
5391 \global\setbox\EQ@box\vbox\bgroup\if@Latin\else\@RTLtrue\fi \@parboxrestore
5392 \parshape 1 \displayindent \displaywidth\relax
5393 \hsize=\columnwidth \noindent\ignorespaces
5394 }{%
5395 \par\egroup
5396 \global\setbox\GRP@box\vbox{%

```

```

5397 \hbox{\copy\EQ@box\vtop{\unvbox\EQ@box}}}%
5398 \unvbox\GRP@box
5399 }%
5400 \global\GRP@queue\exp{\the\GRP@queue
5401 \let\eq@isIntertext\@True}%
5402 }%
5403 }

```

7.35 cals-xetex-bidi.def

```

5404 \ProvidesFile{cals-xetex-bidi.def}[2013/05/28 v0.3 bidi adaptations for cals package for XeTeX]
5405 \renewenvironment{calstable}[1][c]{%
5406 \ifRTL\@RTLtabtrue\cals@activate@rtl\fi
5407 \if l#1%
5408 \if@RTLtab\leftskip\fill \rightskip\z@\else\leftskip\z@ \rightskip\fill\fi
5409 \else\if r#1%
5410 \if@RTLtab\leftskip\z@ \rightskip\fill\else\leftskip\fill \rightskip\z@\fi
5411 \else\if c#1%
5412 \leftskip\fill \rightskip\fill
5413 \fi\fi\fi
5414 \let\cals@thead@tokens=\relax
5415 \let\cals@tfoot@tokens=\relax
5416 \let\cals@tbody@tokens=\relax
5417 \cals@tfoot@height=0pt \relax
5418 \let\cals@last@context=n%
5419 \let\cals@current@context=b%
5420 \parindent=0pt %
5421 \cals@setpadding{Ag}\cals@setcellprevdepth{Al}\cals@set@tohsize%
5422 %% Alignment inside is independent on center/flushright outside
5423 \parfillskip=0pt plus1fil\relax
5424 \let\cals@borderL=\relax
5425 \let\cals@borderR=\relax
5426 \let\cals@borderT=\relax
5427 \let\cals@borderB=\relax
5428 }{% End of the table
5429 \cals@tfoot@tokens\lastrule\@RTLtabfalse}
5430
5431 \renewcommand\alignL{%
5432 \dimen0=\cals@paddingL \ifRTLtab\cals@paddingL=\dimen0 plus 1fill\else\cals@paddingL=\dimen0
5433 \dimen0=\cals@paddingR \cals@paddingR=\dimen0 \relax}
5434
5435 \renewcommand\alignR{%
5436 \dimen0=\cals@paddingL \ifRTLtab\cals@paddingL=\dimen0\else\cals@paddingL=\dimen0 plus 1fill
5437 \dimen0=\cals@paddingR \cals@paddingR=\dimen0 \relax}

```

7.36 caption-xetex-bidi.def

```

5438 \ProvidesFile{caption-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for caption package for XeTeX]
5439 \let\@makecaption\caption@makecaption

```

7.37 caption3-xetex-bidi.def

```

5440 \ProvidesFile{caption3-xetex-bidi.def}[2013/04/01 v0.1 bidi adaptations for caption3 package
5441 \renewcommand*\caption@par{%
5442   \parindent\caption@parindent\hangindent\if@RTL-\fi\caption@hangindent}%

```

7.38 colortbl-xetex-bidi.def

```

5443 \ProvidesFile{colortbl-xetex-bidi.def}[2012/06/10 v0.2 bidi adaptations for colortbl package
5444 \def\CT@setup{%
5445   \@tempdimb\col@sep
5446   \@tempdimc\col@sep
5447   \def\CT@color{%
5448     \global\let\CT@do@color\CT@@do@color
5449     \bidicolor}}
5450 \def\@classz{\@classx
5451   \@tempcnta \count@
5452   \prepnext@tok
5453 \expandafter\CT@extract\the\toks\@tempcnta\columncolor!\@nil
5454   \@addtopreamble{\if@RTLtab\beginL\fi%
5455     \setbox\z@\hbox\bgroup\bgroup\if@RTLtab\beginR\fi
5456       \ifcase \@chnum
5457         \hskip\stretch{.5}\kern\z@
5458         \d@llarbegin
5459         \insert@column
5460         \d@llarend\hskip\stretch{.5}\or
5461         \d@llarbegin \insert@column \d@llarend \hfill \or
5462         \hfill\kern\z@ \d@llarbegin \insert@column \d@llarend \or
5463       $\vcenter
5464       \@startpbox{\@nextchar}\insert@column \@endpbox $\or
5465       \vtop \@startpbox{\@nextchar}\insert@column \@endpbox \or
5466       \vbox \@startpbox{\@nextchar}\insert@column \@endpbox
5467     \fi
5468   \if@RTLtab\endR\fi\egroup\egroup
5469 \begingroup
5470   \CT@setup
5471   \CT@column@color
5472   \CT@row@color
5473   \CT@cell@color
5474   \CT@do@color
5475 \endgroup
5476   \@tempdima\ht\z@
5477   \advance\@tempdima\minrowclearance
5478   \vrule\@height\@tempdima\@width\z@
5479   \unhbox\z@\if@RTLtab\endL\fi}%
5480 \prepnext@tok}

```

7.39 color-xetex-bidi.def

```

5481 \ProvidesFile{color-xetex-bidi.def}[2013/04/08 v0.2 bidi adaptations for color package for Xe
5482 \long\def\color@b@x#1#2#3{%
5483   \leavevmode\ifmmode\else\if@RTL\beginL\fi\fi
5484   \setbox\z@\hbox{\kern\fbboxsep\set@color\if@RTL\beginR\fi#3\if@RTL\endR\fi}\kern\fbboxsep}%

```

```

5485 \dimen@ht\z@advance\dimen@\fboxsep\ht\z@\dimen@
5486 \dimen@dp\z@advance\dimen@\fboxsep\dp\z@\dimen@
5487 {\#1{\#2\color@block{\wd\z@}{\ht\z@}{\dp\z@}%
5488 \box\z@}}\ifmmode\else\if@RTL\endL\fi\fi}
5489 \def\normalcolor{\let\current@color\default@color\ifhmode\if@RTL\beginL\aftergroup\endR\fi\fi}
5490 \DeclareRobustCommand\color{%
5491 \ifhmode\if@RTL\beginL\aftergroup\endR\fi\fi\@ifnextchar[\@undeclaredcolor\@declaredcolor}%
5492 \def\@declaredcolor#1{%
5493 \@ifundefined{\string\color @#1}%
5494 {\c@lor@error{'#1'}}%
5495 {\expandafter\let\expandafter\current@color
5496 \csname\string\color @#1\endcsname
5497 \set@color}%
5498 \ifhmode\if@RTL\beginR\aftergroup\endL\fi\fi\ignorespaces}
5499 \def\@undeclaredcolor[#1]#2{%
5500 \@ifundefined{color@#1}%
5501 {\c@lor@error{model '#1'}}%
5502 {\csname color@#1\endcsname\current@color{#2}%
5503 \set@color}%
5504 \ifhmode\if@RTL\beginR\aftergroup\endL\fi\fi\ignorespaces}
5505 \DeclareRobustCommand\bidicolor{%
5506 \@ifnextchar[\@bidiundeclaredcolor\@bidideclaredcolor}%
5507 \def\@bidiundeclaredcolor[#1]#2{%
5508 \@ifundefined{color@#1}%
5509 {\c@lor@error{model '#1'}}%
5510 {\csname color@#1\endcsname\current@color{#2}%
5511 \set@color}%
5512 \ignorespaces}
5513 \def\@bidideclaredcolor#1{%
5514 \@ifundefined{\string\color @#1}%
5515 {\c@lor@error{'#1'}}%
5516 {\expandafter\let\expandafter\current@color
5517 \csname\string\color @#1\endcsname
5518 \set@color}%
5519 \ignorespaces}
5520 \def\color@box#1#2{\color@b@x\relax{\bidicolor#1{#2}}}
5521 \def\color@fbox#1#2#3{%
5522 \color@b@x{\fboxsep\z@\bidicolor#1{#2}\fbox}{\bidicolor#1{#3}}}
5523 \def\color@setgroup{\begingroup\ifhmode\if@RTL\beginL\aftergroup\endR\fi\fi\set@color\ifhmode

```

7.40 combine-xetex-bidi.def

```

5524 \ProvidesFile{combine-xetex-bidi.def}[2011/09/23 v0.1 bidi adaptations for combine class for
5525 \renewcommand{\c@ll@chapsecii}[2]{%
5526 \if@RTL\advance\rightskip\@tempdima\else\advance\leftskip\@tempdima\fi
5527 \if@RTL\hskip -\rightskip\else\hskip -\leftskip\fi
5528 #1\nobreak\hfil \nobreak\hb@xt{\@pnumwidth{\hss #2}\par
5529 }
5530 \renewcommand{\c@ll@chapseci}{%
5531 \setlength{\@tempdima}{0em}%

```

```

5532 \begin{group
5533   \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
5534   \parfillskip -\@pnumwidth
5535   \leavevmode
5536 }
5537 \renewenvironment{tocindent}[1]{%
5538   \hangindent \if@RTL-\fi#1 \hangafter -100\relax}{%

```

7.41 crop-xetex-bidi.def

```

5539 \ProvidesFile{crop-xetex-bidi.def}[2013/04/10 v0.2 bidi adaptations for crop package for XeTeX]
5540 \renewcommand*\CROP@ulc{%
5541   \if@RTLmain%
5542     \begin{picture}(0,0)
5543       \unitlength\p@\thinlines
5544       \put(-40,0){\circle{10}}
5545       \put(-30,-5){\line(0,1){10}}
5546       \put(-35,0){\line(1,0){30}}
5547       \put(-10,30){\circle{10}}
5548       \put(-5,30){\line(1,0){10}}
5549       \put(0,35){\line(0,-1){30}}
5550     \end{picture}%
5551   \else%
5552     \begin{picture}(0,0)
5553       \unitlength\p@\thinlines
5554       \put(-30,0){\circle{10}}
5555       \put(-30,-5){\line(0,1){10}}
5556       \put(-35,0){\line(1,0){30}}
5557       \put(0,30){\circle{10}}
5558       \put(-5,30){\line(1,0){10}}
5559       \put(0,35){\line(0,-1){30}}
5560     \end{picture}%
5561   \fi%
5562 }
5563 \renewcommand*\CROP@urc{%
5564   \if@RTLmain%
5565     \begin{picture}(0,0)
5566       \unitlength\p@\thinlines
5567       \put(20,0){\circle{10}}
5568       \put(30,-5){\line(0,1){10}}
5569       \put(35,0){\line(-1,0){30}}
5570       \put(-10,30){\circle{10}}
5571       \put(-5,30){\line(1,0){10}}
5572       \put(0,35){\line(0,-1){30}}
5573     \end{picture}%
5574   \else%
5575     \begin{picture}(0,0)
5576       \unitlength\p@\thinlines
5577       \put(30,0){\circle{10}}
5578       \put(30,-5){\line(0,1){10}}

```

```

5579      \put(35,0){\line(-1,0){30}}
5580      \put(0,30){\circle{10}}
5581      \put(-5,30){\line(1,0){10}}
5582      \put(0,35){\line(0,-1){30}}
5583      \end{picture}%
5584      \fi%
5585 }
5586 \renewcommand*\CROP@llc{%
5587   \if@RTLmain%
5588     \begin{picture}(0,0)
5589       \unitlength\p@\thinlines
5590       \put(-40,0){\circle{10}}
5591       \put(-30,-5){\line(0,1){10}}
5592       \put(-35,0){\line(1,0){30}}
5593       \put(-10,-30){\circle{10}}
5594       \put(-5,-30){\line(1,0){10}}
5595       \put(0,-35){\line(0,1){30}}
5596     \end{picture}%
5597   \else%
5598     \begin{picture}(0,0)
5599       \unitlength\p@\thinlines
5600       \put(-30,0){\circle{10}}
5601       \put(-30,-5){\line(0,1){10}}
5602       \put(-35,0){\line(1,0){30}}
5603       \put(0,-30){\circle{10}}
5604       \put(-5,-30){\line(1,0){10}}
5605       \put(0,-35){\line(0,1){30}}
5606     \end{picture}%
5607   \fi%
5608 }
5609 \renewcommand*\CROP@lrc{%
5610   \if@RTLmain%
5611     \begin{picture}(0,0)
5612       \unitlength\p@\thinlines
5613       \put(20,0){\circle{10}}
5614       \put(30,-5){\line(0,1){10}}
5615       \put(35,0){\line(-1,0){30}}
5616       \put(-10,-30){\circle{10}}
5617       \put(-5,-30){\line(1,0){10}}
5618       \put(0,-35){\line(0,1){30}}
5619     \end{picture}%
5620   \else%
5621     \begin{picture}(0,0)
5622       \unitlength\p@\thinlines
5623       \put(30,0){\circle{10}}
5624       \put(30,-5){\line(0,1){10}}
5625       \put(35,0){\line(-1,0){30}}
5626       \put(0,-30){\circle{10}}
5627       \put(-5,-30){\line(1,0){10}}
5628       \put(0,-35){\line(0,1){30}}

```



```

5629 \end{picture}%
5630 \fi%
5631 }
5632 \@ifpackagewith{crop}{cam}{%
5633 \CROP@execopt{cam}%
5634 }{}

```

7.42 cutwin-xetex-bidi.def

```

5635 \ProvidesFile{cutwin-xetex-bidi.def}[2011/11/12 v0.1 bidi adaptations for cutwin package for
5636 \renewcommand*{\c@twcompctr}[2]{%
5637 \def\c@twfirst{1}
5638 \loop\advance\c@twwinlines\m@ne
5639 \setbox\c@twslicea=\vsplit#1 to\baselineskip
5640 \setbox\c@twsliceb=\vsplit#1 to\baselineskip
5641 \c@twprune{\c@twslicea}{\c@twlftside}%
5642 \c@twprune{\c@twsliceb}{\c@twrtside}%
5643 \ifnum\c@twfirst=\@ne
5644 \setbox#2=\vbox{\unvbox#2\hbox
5645 to\hsize{\if@RTL\box\c@twsliceb\else\box\c@twslicea\fi\pageinwindow\hfil\if@RTL\box\c@tw
5646 \else
5647 \setbox#2=\vbox{\unvbox#2\hbox
5648 to\hsize{\if@RTL\box\c@twsliceb\else\box\c@twslicea\fi\hfil\if@RTL\box\c@twslicea\else\bo
5649 \fi
5650 \def\c@twfirst{2}
5651 \ifnum\c@twwinlines>\z@\repeat}
5652 \renewcommand*{\c@twcompodctr}[2]{%
5653 \def\c@twrounds{1}
5654 \def\c@twfirst{1}
5655 \@for\c@twlspec:=\c@twb\do{%
5656 \ifnum\c@twrounds=1
5657 \setbox\c@twslicea=\vsplit#1 to\baselineskip % first of pair
5658 \c@twprune{\c@twslicea}{\c@twlspec}%
5659 \def\c@twrounds{2}
5660 \else
5661 \setbox\c@twsliceb=\vsplit#1 to\baselineskip % second of pair
5662 \c@twprune{\c@twsliceb}{\c@twlspec}%
5663 \ifnum\c@twfirst=1
5664 \setbox#2=\vbox{\unvbox#2\hbox
5665 to\hsize{\if@RTL\box\c@twsliceb\else\box\c@twslicea\fi\hfil\picinwindow\hfil\if@RTL\bo
5666 \def\c@twfirst{2}
5667 \else
5668 \setbox#2=\vbox{\unvbox#2\hbox
5669 to\hsize{\if@RTL\box\c@twsliceb\else\box\c@twslicea\fi\hfil\if@RTL\box\c@twslicea\els
5670 \fi
5671 \def\c@twrounds{1}
5672 \fi}}

```

7.43 cuted-xetex-bidi.def

```

5673 \ProvidesFile{cuted-xetex-bidi.def}[2013/04/10 v0.3 bidi adaptations for cuted package for Xe

```

```

5674 \def\RTL@outputdblcol{%
5675 \if@firstcolumn \global\@firstcolumnfalse
5676 \global\setbox\@leftcolumn \box\@outputbox
5677 \else
5678 \global\@firstcolumntrue
5679 \setbox\@outputbox \vbox {\hbox to\textwidth {%
5680 \hskip \columnwidth
5681 \hfil \vrule width\columnseprule \hfil
5682 \hbox to\columnwidth {\box\@leftcolumn \hss}%
5683 \hskip -\textwidth
5684 \hbox to\columnwidth{\box\@outputbox \hss}%
5685 \hskip \columnsep
5686 \hskip \columnwidth }}%
5687 \ifvoid\hold@viper
5688 \else
5689 \setbox\@outputbox \vbox to\textheight{%
5690 \box\hold@viper
5691 \box\@outputbox
5692 \vss
5693 }%
5694 \fi
5695 \@combinedblfloats \@outputpage
5696 \begingroup \@dblfloatplacement \@startdblcolumn
5697 \@whiles\if@fcolmade \fi
5698 {\@outputpage \@startdblcolumn }%
5699 \ifvoid\@viper
5700 \else
5701 \global\setbox\@viper\vbox{%
5702 \vskip-\stripsep
5703 \unvbox\@viper
5704 }%
5705 \@viperoutput
5706 \fi
5707 \endgroup
5708 \fi}
5709 \def\LTR@outputdblcol{%
5710 \if@firstcolumn
5711 \global \@firstcolumnfalse
5712 \global \setbox\@leftcolumn \box\@outputbox
5713 \else
5714 \global\@firstcolumntrue
5715 \setbox\@outputbox \vbox {%
5716 \hb@xt@\textwidth {%
5717 \hb@xt@\columnwidth {%
5718 \box\@leftcolumn \hss}%
5719 \hfil
5720 \vrule \@width\columnseprule
5721 \hfil
5722 \hb@xt@\columnwidth {%
5723 \box\@outputbox \hss}%

```

```

5724                                     }%
5725                                     }%
5726 \ifvoid\hold@viper
5727 \else
5728   \setbox\@outputbox \vbox to\textheight{%
5729                                     \box\hold@viper
5730                                     \box\@outputbox
5731                                     \vss
5732                                     }%
5733 \fi
5734 \@combinedblfloats
5735 \@outputpage
5736 \begingroup
5737   \@dblfloatplacement
5738   \@startdblcolumn
5739   \@whiles\if@fcolmade \fi
5740   {\@outputpage
5741    \@startdblcolumn}%
5742 \ifvoid\@viper
5743 \else
5744   \global\setbox\@viper\vbox{%
5745                                     \vskip-\stripsep
5746                                     \unvbox\@viper
5747                                     }%
5748   \@viperoutput
5749 \fi
5750 \endgroup
5751 \fi
5752 }
5753 \def \@addviper {%
5754   \if@firstcolumn
5755     \@insertfalse
5756     \@reqcolroom .5\@pageht
5757     \ht@viper\@reqcolroom
5758     \advance \@reqcolroom \ht@viper
5759     \advance \@reqcolroom \stripsep
5760     \ifvoid\hold@viper\@tempdima=\z@\else\@tempdima\ht\hold@viper\fi
5761 %%
5762     \@tempdimb \ht@viper
5763     \loop
5764     \setbox\v@aaa\copy\@holdpg
5765     \setbox\v@ccc\vbox to\@tempdimb{%
5766                                     \vsplit\v@aaa to\@tempdimb\vss\vsplit\v@aaa to\@tempdimb}%
5767     \wlog{Extra height:\the\ht\v@aaa\space when \the\@tempdimb}%
5768     \ifvoid\v@aaa \else \advance\@tempdimb 1pt \repeat
5769     \loop
5770     \setbox\v@aaa\copy\@holdpg
5771     \setbox\v@ccc\vbox to\@tempdimb{%
5772                                     \vsplit\v@aaa to\@tempdimb\vss}%
5773     \wlog{(2)Left:\the\ht\v@ccc\space Right:\the\ht\v@aaa\space Output:\the\@tempdimb}%

```

```

5774 \ifdim \ht\v@ccc<\ht\v@aaa \@tempdimb \the\ht\v@aaa \repeat
5775 \wlog{- LAST -^^JLeft:\the\ht\v@ccc^^JRight:\the\ht\v@aaa^^JOutput:\the\@tempdimb}%
5776 \setbox\v@ccc\vbox to\@tempdimb{%
5777     \vsplit\@holdpg to\@tempdimb\vss}%
5778 %%
5779 \setbox\@tempboxa \vbox {%
5780     \hb@xt@\textwidth {%
5781         \if@RTLmain%
5782             \hskip \columnwidth
5783             \hfil \vrule width\columnseprule \hfil
5784             \hb@xt@\columnwidth {%
5785                 \vbox to\ht@viper{\box\v@ccc\vss} \hss}%
5786             \hskip -\textwidth
5787             \hb@xt@\columnwidth {%
5788                 \vbox to\ht@viper{\box\@holdpg\vss} \hss}%
5789             \hskip \columnsep
5790             \hskip \columnwidth
5791         \else%
5792             \hb@xt@\columnwidth {%
5793                 \vbox to\ht@viper{\box\v@ccc\vss} \hss}%
5794             \hfil
5795             \vrule \@width\columnseprule
5796             \hfil
5797             \hb@xt@\columnwidth {%
5798                 \vbox to\ht@viper{\box\@holdpg\vss} \hss}%
5799             \fi}%
5800     }%
5801 \ifvoid\hold@viper
5802     \global\setbox\hold@viper \vbox {%
5803         \unvbox\@tempboxa
5804         \penalty\interlinepenalty
5805         \vskip\stripsep
5806         \ifnum\outputpenalty <-\@Mii \vskip -\parskip\fi
5807         \outputpenalty \z@
5808     }%
5809 \else
5810     \global\setbox\hold@viper \vbox {%
5811         \unvbox\hold@viper
5812         \unvbox\@tempboxa
5813         \penalty\interlinepenalty
5814         \vskip\stripsep
5815         \ifnum\outputpenalty <-\@Mii \vskip -\parskip\fi
5816         \outputpenalty \z@
5817     }%
5818 \fi
5819 \ifdim \@colroom>\@reqcolroom
5820     \global\setbox\hold@viper \vbox {%
5821         \unvbox\hold@viper
5822         \box\@viper
5823         \penalty\interlinepenalty

```

```

5824         \vskip\stripsep
5825         \ifnum\outputpenalty <-\@Mii \vskip -\parskip\fi
5826         \outputpenalty \z@
5827         }%
5828     \@inserttrue
5829     \advance\@tempdima by-\ht\hold@viper
5830     \global \advance \@colht \@tempdima
5831     \ifdim \@colht<2.5\baselineskip
5832         \@latex@warning@no@line {Optional argument of \noexpand\twocolumn
5833             too tall on page \thepage (1 stulpelis)}%
5834         \@emptycol
5835         \if@firstcolumn
5836         \else
5837             \@emptycol
5838         \fi
5839         \global\@lastvipertrue
5840     \else
5841         \global \vsize \@colht
5842         \global \@colroom \@colht
5843         \check@floats
5844         \ifdim\@tempdima>\z@
5845             \global\advance\@colroom by-\@tempdima
5846         \fi
5847         \ifdim\@colroom<\z@
5848             \global\@colroom 1pt
5849             \ifdim\@tempdima>\@colht
5850                 \@latex@warning@no@line {TOP ir/ar BOT FLOAT's
5851                     netelpla lape \thepage (1 stulpelis)}%
5852             \fi
5853             \@emptycol
5854             \if@firstcolumn
5855             \else
5856                 \@emptycol
5857             \fi
5858             \global\@lastvipertrue
5859         \fi
5860     \fi
5861 \fi
5862 \else
5863     \@insertfalse
5864     \@reqcolroom\@colht
5865     \advance\@reqcolroom \@pageht
5866     \ht@viper.5\@reqcolroom
5867     \@reqcolroom\ht@viper
5868     \advance \@reqcolroom \ht\@viper
5869     \advance \@reqcolroom \stripsep
5870     \if@flushend@auto@baselineskip
5871         \setbox\@tempboxa\vbox{\unvcopy\@leftcolumn
5872             \global\lastskip@d\lastskip
5873             \global\lastskip@b\lastskip

```

```

5874      \loop
5875          \global\lastskip@a\lastskip@b
5876          \unskip\unpenalty
5877          \global\lastskip@b\lastskip
5878          \global\advance\lastskip@d by\lastskip
5879      \ifdim\lastskip@b=-\lastskip@a
5880          \global\advance\lastskip@d by-\lastskip
5881      \else
5882      \repeat
5883      \ifdim\lastskip@b=-\lastskip@a
5884          \ifdim\lastskip@b=\z@
5885              \setbox\lastbox@a\lastbox
5886              \global\advance\lastskip@d by\ht\lastbox@a
5887              \global\advance\lastskip@d by\lastskip
5888              \unskip\unpenalty
5889              \setbox\lastbox@a\lastbox
5890              \global\advance\lastskip@d by\dp\lastbox@a
5891          \else
5892              \global\lastskip@d\lastskip
5893              \global\advance\lastskip@d by\topskip
5894          \fi
5895      \fi
5896      \global\advance\lastskip@d by-\topskip
5897      }%
5898      \ifdim\ht\@holdpg>\@colht
5899          \global\setbox\@holdpg\vbox{\unvbox\@leftcolumn\unskip\unpenalty
5900              \par\eject
5901              \vbox to \@colht{\unvbox\@holdpg\unskip}%
5902              }%
5903      \else
5904          \global\setbox\@holdpg\vbox{%
5905              \unvbox\@leftcolumn\unskip\unpenalty
5906              \vskip\lastskip@d
5907              \the\At@ViperColsBreak
5908              \unvbox\@holdpg
5909              \unskip
5910              }%
5911      \fi
5912      \else
5913          \global\setbox\@holdpg\vbox{%
5914              \unvbox\@leftcolumn
5915              \setbox\@tempboxa\lastbox
5916              \on@stripcols@break
5917              \the\At@ViperColsBreak
5918              \unvbox\@holdpg
5919              }%
5920      \fi
5921      \global\At@ViperColsBreak{}%
5922      \ht@viper .5\ht\@holdpg
5923      \ifdim \ht@viper>\@colht

```

```

5924      \ht@viper \@colht
5925      \fi
5926      \ifvoid\hold@viper\@tempdima=\z@\else\@tempdima\ht\hold@viper\fi
5927  %%
5928      \@tempdimb \ht@viper
5929      \loop
5930      \setbox\v@aaa\copy\@holdpg
5931      \setbox\v@ccc\vbox to\@tempdimb{%
5932          \vsplit\v@aaa to\@tempdimb
5933          \vss
5934          \vsplit\v@aaa to\@tempdimb
5935      }%
5936      \wlog{Extra height:\the\ht\v@aaa\space when \the\@tempdimb}%
5937      \ifvoid\v@aaa
5938      \else
5939      \advance\@tempdimb 1\p@
5940      \repeat
5941      \loop
5942      \setbox\v@aaa\copy\@holdpg
5943      \setbox\v@ccc\vbox to\@tempdimb{\vsplit\v@aaa to\@tempdimb\vss}%
5944      \wlog{(2)Left:\the\ht\v@ccc\space
5945          Right:\the\ht\v@aaa\space
5946          Output:\the\@tempdimb
5947      }%
5948      \ifdim\ht\v@ccc<\ht\v@aaa
5949      \@tempdimb \the\ht\v@aaa
5950      \repeat
5951      \wlog{- LAST -^^JLeft:\the\ht\v@ccc
5952          ^^JRight:\the\ht\v@aaa
5953          ^^JOutput:\the\@tempdimb
5954      }%
5955      \setbox\v@ccc\vbox to\@tempdimb{\vsplit\@holdpg to\@tempdimb\vss}%
5956      \setbox\@tempboxa\vbox{%
5957          \hb@xt@\textwidth{%
5958              \hb@xt@\columnwidth{\vbox to\ht@viper{\box\v@ccc\vss} \hss}%
5959              \hfil
5960              \vrule \@width\columnseprule
5961              \hfil
5962              \hb@xt@\columnwidth {\vbox to\ht@viper{\box\@holdpg\vss} \hss}%
5963          }%
5964      }%
5965      \ifvoid\hold@viper
5966      \global\setbox\hold@viper \vbox {%
5967          \unvbox\@tempboxa
5968          \penalty\interlinepenalty
5969          \vskip\stripsep
5970          \ifnum\outputpenalty <-\@Mii \vskip -\parskip\fi
5971          \outputpenalty \z@
5972      }%
5973      \else

```

```

5974 \global\setbox\hold@viper \vbox {%
5975 \unvbox\hold@viper
5976 \unvbox\@tempboxa
5977 \penalty\interlinepenalty
5978 \vskip\stripsep
5979 \ifnum\outputpenalty <-\@Mii \vskip -\parskip\fi
5980 \outputpenalty \z@
5981 }%
5982 \fi
5983 \ifdim \@colht>\@reqcolroom
5984 \global\setbox\hold@viper \vbox {%
5985 \unvbox\hold@viper
5986 \box\@viper
5987 \penalty\interlinepenalty
5988 \vskip\stripsep
5989 \ifnum\outputpenalty <-\@Mii \vskip -\parskip\fi
5990 \outputpenalty \z@
5991 }%
5992 \@inserttrue
5993 \global\@firstcolumntrue
5994 \advance\@tempdima by-\ht\hold@viper
5995 \global \advance \@colht \@tempdima
5996 \ifdim \@colht<2.5\baselineskip
5997 \latex@warning@no@line {Optional argument of \noexpand\twocolumn
5998 too tall on page \thepage (2 stulpelis)}}%
5999 \emptycol
6000 \if@firstcolumn
6001 \else
6002 \emptycol
6003 \fi
6004 \global\@lastvipertrue
6005 \else
6006 \global \vsize \@colht
6007 \global \@colroom \@colht
6008 \check@floats
6009 \ifdim\@tempdima>\z@
6010 \global\advance\@colroom by-\@tempdima
6011 \fi
6012 \ifdim\@colroom<\z@
6013 \global\@colroom 1pt
6014 \ifdim\@tempdima>\@colht
6015 \latex@warning@no@line {TOP ir/ar BOT FLOAT's
6016 netelpa lape \thepage (2 stulpelis)}}%
6017 \fi
6018 \emptycol
6019 \if@firstcolumn
6020 \else
6021 \emptycol
6022 \fi
6023 \global\@lastvipertrue

```



```

6024         \fi
6025     \fi
6026 \fi
6027 \fi
6028 \if@insert
6029 \else
6030     \advance\@tempdima by-\ht\hold@viper
6031     \global \advance \@colht \@tempdima
6032     \global\setbox\hold@viper \vbox {%
6033                                     \unvbox\hold@viper
6034                                     \csname viper@top@hook\endcsname
6035                                     \vsplit\@viper to \@colht
6036                                     \vss
6037                                     }%
6038     \vbox{%
6039     \global\@firstcolumnfalse
6040     \newpage
6041 \fi
6042 }

```

7.44 cvthemebidicasual.sty

```

6043 \NeedsTeXFormat{LaTeX2e}
6044 \ProvidesPackage{cvthemebidicasual}
6045 \DeclareOption{blue}{}
6046 \newif\if@colourorange\@colourorangefalse
6047 \DeclareOption{orange}{\@colourorange>true}
6048 \newif\if@colourgreen\@colourgreenfalse
6049 \DeclareOption{green}{\@colourgreen>true}
6050 \newif\if@colourred\@colourredfalse
6051 \DeclareOption{red}{\@colourred>true}
6052 \newif\if@colourgrey\@colourgreyfalse
6053 \DeclareOption{grey}{\@colourgrey>true}
6054 \DeclareOption*{
6055     \PackageWarning{cvthemebidicasual}{Unknown option \CurrentOption}}
6056 \ExecuteOptions{colour}
6057 \ProcessOptions\relax
6058 \renewcommand*{\listitemsymbol}{\textbullet}
6059 \definecolor{firstnamecolor}{rgb}{0.65,0.65,0.65}
6060 \familynamecolour{808080}
6061 \firstnamecolour{A9A9A9}
6062 \quotecolour{696969}
6063 \addresscolour{696969}
6064 \definecolor{sectionrectanglecolor}{rgb}{0.25,0.50,0.75}
6065 \sectiontitlecolour{1E90FF}
6066 \subsectioncolour{4682B4}
6067 \definecolor{rulecolour}{gray}{0.6}
6068 \definecolor{footersymbolcolour}{rgb}{0.25,0.50,0.75}
6069 \definecolor{footersymbolcolor}{rgb}{0.25,0.50,0.75}
6070 \if@colourorange

```

```

6071 \definecolor{sectionrectanglecolor}{rgb}{1.00,0.65,0.20}
6072 \definecolor{sectionrectanglecolor}{rgb}{1.00,0.65,0.20}
6073 \sectiontitlecolour{FF8C00}
6074 \subsectioncolour{FF8C00}
6075 \definecolor{footersymbolcolour}{rgb}{0.95,0.55,0.15}
6076 \definecolor{footersymbolcolor}{rgb}{0.95,0.55,0.15}\fi
6077 \if@colouргreen
6078 \definecolor{sectionrectanglecolor}{rgb}{0.55,0.85,0.35}
6079 \definecolor{sectionrectanglecolour}{rgb}{0.55,0.85,0.35}
6080 \sectiontitlecolour{008000}
6081 \subsectioncolour{008000}
6082 \definecolor{footersymbolcolour}{rgb}{0.30,0.65,0.15}
6083 \definecolor{footersymbolcolor}{rgb}{0.30,0.65,0.15}\fi
6084 \if@colourrred
6085 \definecolor{sectionrectanglecolor}{rgb}{1.00,0.30,0.30}
6086 \definecolor{sectionrectanglecolour}{rgb}{1.00,0.30,0.30}
6087 \sectiontitlecolour{FF0000}
6088 \subsectioncolour{FF0000}
6089 \definecolor{footersymbolcolour}{rgb}{0.95,0.20,0.20}
6090 \definecolor{footersymbolcolor}{rgb}{0.95,0.20,0.20}\fi
6091 \if@colouргrey
6092 \definecolor{sectionrectanglecolor}{rgb}{0.75,0.75,0.75}
6093 \definecolor{sectionrectanglecolour}{rgb}{0.75,0.75,0.75}
6094 \sectiontitlecolour{808080}
6095 \subsectioncolour{808080}
6096 \definecolor{footersymbolcolour}{rgb}{0.35,0.35,0.35}
6097 \definecolor{footersymbolcolor}{rgb}{0.35,0.35,0.35}\fi
6098 \renewcommand*{\ttdefault}{pcr}
6099 \renewcommand*{\firstnamefont}{\fontsize{38}{40}\mdseries\upshape}
6100 \renewcommand*{\familynamefont}{\firstnamefont}
6101 \renewcommand*{\addressfont}{\normalsize\mdseries\slshape}
6102 \renewcommand*{\quoteont}{\large\slshape}
6103 \renewcommand*{\sectionfont}{\Large\mdseries\upshape}
6104 \renewcommand*{\subsectionfont}{\large\mdseries\upshape}
6105 \renewcommand*{\maketitle}{%
6106   {%
6107     \ifthenelse{\isundefined{\@photo}}{%
6108       {%
6109         {\color{firstnamecolor}\framebox{\includegraphics[width=\@photowidth]{\@photo}}}%
6110         \hfill%
6111         \bidi@raggedleft{\firstnamestyle{\@firstname}~\familynamestyle{\@familyname}}\ll[-.35em]}%
6112         {\color{firstnamecolor}\rule{\textwidth}{.25ex}\ll[2.5em]}%
6113       \ifthenelse{\isundefined{\@quote}}{%
6114         {%
6115           {\centering{\begin{minipage}{\quotewidth}\centering\quotestyle{\@quote}\end{minipage}}\ll
6116         }%
6117     \newif\if@firstfooterelement\@firstfooterelementtrue
6118 \providecommand*{\footersymbol}{%
6119 \renewcommand*{\footersymbol}{%
6120 \if@firstfooterelement%

```

```

6121 \else%
6122 {~~\color{footersymbolcolor}\textbullet~~}\fi}
6123 \providecommand*\makefooter{}
6124 \renewcommand*\makefooter{%
6125 \fancypagestyle{plain}{%
6126 \fancyfoot[c]{%
6127 \parbox{0.8\textwidth}{%
6128 \centering%
6129 \addressfont\@addresscolour%
6130 \ifthenelse{\isundefined{\@address}}{}{%
6131 \addresssymbol~\@address\\%
6132 \@firstfooterelementfalse}%
6133 \ifthenelse{\isundefined{\@mobile}}{}{\mobilesymbol~\@mobile\@firstfooterelementfalse}%
6134 \ifthenelse{\isundefined{\@phone}}{}{\footersymbol\phonesymbol~\@phone\@firstfooterelementfalse}%
6135 \ifthenelse{\isundefined{\@fax}}{}{\footersymbol\faxsymbol~\@fax\@firstfooterelementfalse}%
6136 \ifthenelse{\isundefined{\@email}}{}{\footersymbol\emailsymbol~\email\@firstfooterelementfalse}%
6137 \ifthenelse{\isundefined{\@extrainfo}}{}{\footersymbol\@extrainfo\@firstfooterelementfalse}%
6138 }%
6139 \pagestyle{plain}}
6140 \AtBeginDocument{\makefooter}

```

7.45 cvthemebidiclassic.sty

```

6141 \NeedsTeXFormat{LaTeX2e}
6142 \ProvidesPackage{cvthemebidiclassic}
6143 \DeclareOption{blue}{}
6144 \newif\if@colourorange\@colourorangefalse
6145 \DeclareOption{orange}{\@colourorange>true}
6146 \newif\if@colourgreen\@colourgreenfalse
6147 \DeclareOption{green}{\@colourgreentrue}
6148 \newif\if@colourred\@colourredfalse
6149 \DeclareOption{red}{\@colourred>true}
6150 \newif\if@colourgrey\@colourgreyfalse
6151 \DeclareOption{grey}{\@colourgrey>true}
6152 \DeclareOption*{
6153 \PackageWarning{cvthemebidiclassic}{Unknown option \CurrentOption}}
6154 \ExecuteOptions{colour}
6155 \ProcessOptions\relax
6156 \renewcommand*\listitemsymbol{\textbullet}
6157 \firstnamecolour{}
6158 \familynamecolour{}
6159 \titlecolour{808080}
6160 \quotecolour{696969}
6161 \addresscolour{696969}
6162 \definecolor{sectionrectanglecolour}{rgb}{0.25,0.50,0.75}
6163 \definecolor{sectionrectanglecolor}{rgb}{0.25,0.5,0.75}
6164 \sectiontitlecolour{1E90FF}
6165 \subsectioncolour{4682B4}
6166 \if@colourorange
6167 \addresscolour{FF8C00}

```

```

6168 \definecolor{sectionrectanglecolour}{rgb}{1.00,0.65,0.20}
6169 \definecolor{sectionrectanglecolor}{rgb}{1,0.65,0.20}
6170 \sectiontitlecolour{FF8C00}
6171 \subsectioncolour{FF8C00}\fi
6172 \if@colourgreen
6173 \addresscolour{008000}
6174 \definecolor{sectionrectanglecolour}{rgb}{0.55,0.85,0.35}
6175 \definecolor{sectionrectanglecolor}{rgb}{0.55,0.85,0.35}
6176 \sectiontitlecolour{008000}
6177 \subsectioncolour{008000}\fi
6178 \if@colourred
6179 \addresscolour{FF0000}
6180 \definecolor{sectionrectanglecolour}{rgb}{1.00,0.30,0.30}
6181 \definecolor{sectionrectanglecolor}{rgb}{1.00,0.30,0.30}
6182 \sectiontitlecolour{FF0000}
6183 \subsectioncolour{FF0000}\fi
6184 \if@colourgrey
6185 \addresscolour{808080}
6186 \definecolor{sectionrectanglecolour}{rgb}{0.75,0.75,0.75}
6187 \definecolor{sectionrectanglecolor}{rgb}{0.75,0.75,0.75}
6188 \sectiontitlecolour{808080}
6189 \subsectioncolour{808080}\fi
6190 \renewcommand*{\ttdefault}{pcr}
6191 \renewcommand*{\firstnamefont}{\fontsize{34}{36}\mdseries\upshape}
6192 \renewcommand*{\titlefont}{\LARGE\mdseries\slshape}
6193 \renewcommand*{\addressfont}{\normalsize\mdseries\slshape}
6194 \renewcommand*{\familynamefont}{\firstnamefont}
6195 \renewcommand*{\quoteftfont}{\large\slshape}
6196 \renewcommand*{\sectionfont}{\Large\mdseries\upshape}
6197 \renewcommand*{\subsectionfont}{\large\mdseries\upshape}
6198 \newlength{\maketitlenamemaxwidth}
6199 \setlength{\maketitlenamemaxwidth}{.525\textwidth}
6200 \newlength{\maketitlenamewidth}
6201 \setlength{\maketitlenamewidth}{\maketitlenamemaxwidth}
6202 \newlength{\maketitlepicturewidth}
6203 \setlength{\maketitlepicturewidth}{\maketitlepicturewidth}
6204 \setlength{\maketitlepicturewidth}{\@photowidth}
6205 \newlength{\maketitledetailwidth}
6206 \renewcommand*{\recomputethemelengths}{%
6207 \setlength{\maketitledetailwidth}{\textwidth}%
6208 \addtolength{\maketitledetailwidth}{-\maketitlenamewidth}%
6209 \addtolength{\maketitledetailwidth}{-\separatorcolumnwidth}%
6210 \addtolength{\maketitledetailwidth}{-\maketitlepicturewidth}}
6211 \recomputethemelengths
6212 \newif\if@firstdetailselement\@firstdetailselementtrue
6213 \newcommand*{\maketitledetailsnewline}{%
6214 \if@firstdetailselement%
6215 \@firstdetailselementfalse%
6216 \else%

```

```

6218    \[.2em]\fi}
6219 \renewcommand*{\maketitle}{%
6220   % name and title
6221   \begin{minipage}[b]{\maketitlewidth}%
6222     \firstnamestyle{\@firstname}\familynamestyle{\@familyname}%
6223     \ifthenelse{\equal{\@title}{}}{\}[1.25em]\titlestyle{\@title}}%
6224   \end{minipage}%
6225   % optional data
6226   \begin{minipage}[b]{\maketitledetailwidth}%
6227     \bidi@raggedleft\addressfont\@addresscolour%
6228     \ifthenelse{\isundefined{\@address}}{\}%
6229     \maketitledetailnewline%
6230     \addresssymbol~\@address}%
6231     \ifthenelse{\isundefined{\@mobile}}{\}\maketitledetailnewline\mobilesymbol~\@mobile}%
6232     \ifthenelse{\isundefined{\@phone}}{\}\maketitledetailnewline\phonesymbol~\@phone}%
6233     \ifthenelse{\isundefined{\@fax}}{\}\maketitledetailnewline\faxsymbol~\@fax}%
6234     \ifthenelse{\isundefined{\@email}}{\}\maketitledetailnewline\emailsymbol~\emailink{\@email}%
6235     \ifthenelse{\isundefined{\@extrainfo}}{\}\maketitledetailnewline\@extrainfo}%
6236   \end{minipage}%
6237   % optional photo
6238   \ifthenelse{\isundefined{\@photo}}{\}%
6239   {\hspace*{\separatorcolumnwidth}\color{firstnamecolor}\framebox{\includegraphics[width=\maketitledetailwidth]{\@photo}}}%
6240   % optional quote
6241   \ifthenelse{\isundefined{\@quote}}{\}%
6242   {\centering{\begin{minipage}{\quotewidth}\centering\quotestyle{\@quote}\end{minipage}}\%
6243   }
6244 }

```

7.46 dblfnote-xetex-bidi.def

```

6246 \ProvidesFile{dblfnote-xetex-bidi.def}[2012/12/12 v0.3 bidi adaptations for dblfnote package]
6247 \let\autofootnoterule\relax
6248 \let\rightfootnoterule\relax
6249 \let\leftfootnoterule\relax
6250 \let\textwidthfootnoterule\relax
6251 \let\LRfootnoterule\relax
6252 \def\footnoterule{\kern-3\p@
6253   \hrule \@width \DFNcolumnwidth \kern 2.6\p@}%
6254 \AtBeginDocument{\let\dfn@latex@footnotetext\@footnotetext}
6255 \let\@footnotetext\dfn@footnotetext}
6256 \long\def\dfn@LTRfootnotetext#1{\setbox\dfn@boxa\vbox{
6257   \let\insert\dfn@gobble
6258   \columnwidth\DFNcolumnwidth \hbadness\c@DFNsloppiness
6259   \def\@makefnmark{\smash{\dfn@makefnmark}}
6260   \dfn@latex@LTRfootnotetext{#1}\par \boxmaxdepth\dfn@fnmaxdp}%
6261   \dfn@dima\ht\dfn@boxa \advance\dfn@dima\dp\dfn@boxa
6262   \ifdim\dfn@dima>\z@ \else
6263     \dfn@dima1sp\relax
6264     \setbox\dfn@boxa\vbox{\vbox to1sp{\unvbox\dfn@boxa\vfil}}\fi

```

```

6265 \global\setbox\dfn@ins\vbox{\boxmaxdepth\dfn@fnmaxdp
6266 \ifvoid\dfn@ins\else
6267 \unvbox\dfn@ins \allowbreak \nointerlineskip \fi
6268 \ifdfn@allowcbreak \unvbox \else \box \fi \dfn@boxa}%
6269 \setbox\dfn@boxa\copy\dfn@ins
6270 \dfn@split{.5\ht\dfn@boxa}\dfn@boxa\dfn@boxb\dfn@fnmaxdp\footnotesep
6271 \advance\@tempdima\@tempdimb \@tempdimb\@tempdima
6272 \advance\@tempdima-\dfn@fnht \global\dfn@fnht\@tempdimb
6273 \insert\footins{\floatingpenalty\MM \vbox to\@tempdima{}}%
6274 \xdef\dfn@list{\dfn@list\@elt{\number\dfn@dima}{\number\@tempdima}}}}
6275 \AtBeginDocument{\let\dfn@latex@LTRfootnotetext\@LTRfootnotetext
6276 \let\@LTRfootnotetext\dfn@LTRfootnotetext}
6277 \long\def\dfn@RTLfootnotetext#1{{\setbox\dfn@boxa\vbox{
6278 \let\insert\dfn@gobble
6279 \columnwidth\DFNcolumnwidth \hbadness\c@DFNsloppiness
6280 \def\@makefnmark{\smash{\dfn@makefnmark}}
6281 \dfn@latex@RTLfootnotetext{#1}\par \boxmaxdepth\dfn@fnmaxdp}%
6282 \dfn@dima\ht\dfn@boxa \advance\dfn@dima\dp\dfn@boxa
6283 \ifdim\dfn@dima>\z@\else
6284 \dfn@dima1sp\relax
6285 \setbox\dfn@boxa\vbox{\vbox to1sp{\unvbox\dfn@boxa\vfil}}}\fi
6286 \global\setbox\dfn@ins\vbox{\boxmaxdepth\dfn@fnmaxdp
6287 \ifvoid\dfn@ins\else
6288 \unvbox\dfn@ins \allowbreak \nointerlineskip \fi
6289 \ifdfn@allowcbreak \unvbox \else \box \fi \dfn@boxa}%
6290 \setbox\dfn@boxa\copy\dfn@ins
6291 \dfn@split{.5\ht\dfn@boxa}\dfn@boxa\dfn@boxb\dfn@fnmaxdp\footnotesep
6292 \advance\@tempdima\@tempdimb \@tempdimb\@tempdima
6293 \advance\@tempdima-\dfn@fnht \global\dfn@fnht\@tempdimb
6294 \insert\footins{\floatingpenalty\MM \vbox to\@tempdima{}}%
6295 \xdef\dfn@list{\dfn@list\@elt{\number\dfn@dima}{\number\@tempdima}}}}
6296 \AtBeginDocument{\let\dfn@latex@RTLfootnotetext\@RTLfootnotetext
6297 \let\@RTLfootnotetext\dfn@RTLfootnotetext}
6298 \def\dfn@RTLmakecol{{\ifvoid\footins\else
6299 \dfn@dima\ht\footins
6300 \@tempcnta\z@ \dfn@countins
6301 \@tempdima\z@ \let\@elt\dfn@elt@getht
6302 \dfn@list\@nil
6303 \ifdim\@tempdima=\z@\else
6304 \dfn@split\@tempdima\dfn@ins\dfn@boxa\z@\z@
6305 \global\setbox\dfn@ins\box\dfn@ins
6306 \@tempwattrue
6307 \ifdfn@trysingle
6308 \setbox\dfn@boxb\vbox{\unvcopy\@cclv}\@tempdima\@colroom
6309 \advance\@tempdima-\ht\dfn@boxb \advance\@tempdima-\dp\dfn@boxb
6310 \advance\@tempdima-\skip\footins
6311 \advance\@tempdima-\ht\dfn@boxa
6312 \ifdim\@tempdima<\z@\else \@tempwafalse
6313 \global\setbox\footins\vbox{\boxmaxdepth\dfn@fnmaxdp
6314 \footnoterule \unvbox\dfn@boxa}\fi\fi

```

```

6315 \if@tempwa
6316 \dfn@split{\dfn@dima}\dfn@boxa\dfn@boxb\dfn@fnmaxdp\footnotesep
6317 \global\setbox\footins\ vbox{\ hbox{%
6318 \hskip \DFNcolumnwidth
6319 \hskip\DFNcolumnsep
6320 \hbox to\DFNcolumnwidth{\ vbox to\@tempdima{\footnoterule
6321 \unvbox\dfn@boxb\vss}\hss}
6322 \hskip -\textwidth
6323 \hbox to\DFNcolumnwidth{\ifvoid\dfn@boxa\else
6324 \vbox to\@tempdima{
6325 \setbox\@tempboxa\vbox{\footnoterule}
6326 \ifdfn@ruleboth \unvbox\@tempboxa
6327 \else \@tempdima\ht\@tempboxa
6328 \advance\@tempdima\dp\@tempboxa
6329 \vskip\@tempdima
6330 \prevdepth\dp\@tempboxa \fi
6331 \unvbox\dfn@boxa\vss}\fi\hss}
6332 \hskip \DFNcolumnsep
6333 \hskip \DFNcolumnwidth}}\fi\fi
6334 \global\dfn@fnht\z@
6335 \ifx\dfn@list\@empty\else
6336 \let\@elt\dfn@elt@adjust \dfn@dima\z@ \dfn@dimb\z@
6337 \dfn@list \global\advance\dfn@fnht\dfn@dimb
6338 \let\@elt\relax
6339 \ifdim\dfn@dimb>\z@
6340 \xdef\dfn@list{\@elt{0}{\number\dfn@dimb}\dfn@list}%
6341 \insert\footins{\floatingpenalty\@MM
6342 \vbox to\dfn@dimb{}}\fi
6343 \ifdim\dfn@fnht>\@tempdima
6344 \@tempdimb\@tempdima \advance\@tempdimb-\dfn@fnht
6345 \global\dfn@fnht\@tempdima
6346 \xdef\dfn@list{\dfn@list\@elt{0}{\number\@tempdimb}}%
6347 \xdef\dfn@afteroutput{\insert\footins{
6348 \floatingpenalty\@MM
6349 \vbox to\number\@tempdimb sp{}}}%
6350 \global\let\noexpand\dfn@afteroutput\relax}%
6351 \fi\fi
6352 \fi}%
6353 \let\footnoterule\relax \dfn@latex@makecol
6354 \let\footnoterule\dfn@footnoterule}
6355 \def\dfn@LTRmakecol{\ifvoid\footins\else
6356 \dfn@dima\ht\footins
6357 \@tempcnta\z@ \dfn@countins
6358 \@tempdima\z@ \let\@elt\dfn@elt@getht
6359 \dfn@list\@nil
6360 \ifdim\@tempdima=\z@\else
6361 \dfn@split\@tempdima\dfn@ins\dfn@boxa\z@\z@
6362 \global\setbox\dfn@ins\box\dfn@ins
6363 \@tempwattrue
6364 \ifdfn@trysingle

```

```

6365         \setbox\dfn@boxb\ vbox{\unvcopy\@cclv}\@tempdima\@colroom
6366         \advance\@tempdima-\ht\dfn@boxb \advance\@tempdima-\dp\dfn@boxb
6367         \advance\@tempdima-\skip\footins
6368         \advance\@tempdima-\ht\dfn@boxa
6369         \ifdim\@tempdima<\z@ \else \@tempswafalse
6370             \global\setbox\footins\ vbox{\boxmaxdepth\dfn@fnmaxdp
6371                 \footnoterule \unvbox\dfn@boxa}\fi\fi
6372     \if@tempswa
6373     \dfn@split{\dfn@dima}\dfn@boxa\dfn@boxb\dfn@fnmaxdp\footnotesep
6374     \global\setbox\footins\ vbox{\hbox{%
6375         \hbox to\DFNcolumnwidth{\ vbox to\@tempdima{\footnoterule
6376             \unvbox\dfn@boxb\vss}\hss}\hskip\DFNcolumnsep
6377         \hbox to\DFNcolumnwidth{\ifvoid\dfn@boxa\else
6378             \ vbox to\@tempdima{
6379                 \setbox\@tempboxa\ vbox{\footnoterule}
6380                 \ifdfn@ruleboth \unvbox\@tempboxa
6381                 \else \@tempdima\ht\@tempboxa
6382                     \advance\@tempdima\dp\@tempboxa
6383                     \vskip\@tempdima
6384                     \prevdepth\dp\@tempboxa \fi
6385                 \unvbox\dfn@boxa\vss}\fi\hss}}}\fi\fi
6386     \global\dfn@fnht\z@
6387     \ifx\dfn@list\@empty\else
6388         \let\@elt\dfn@elt@adjust \dfn@dima\z@ \dfn@dimb\z@
6389         \dfn@list \global\advance\dfn@fnht\dfn@dimb
6390         \let\@elt\relax
6391         \ifdim\dfn@dimb>\z@
6392             \xdef\dfn@list{\@elt{0}{\number\dfn@dimb}\dfn@list}%
6393             \insert\footins{\floatingpenalty\@MM
6394                 \ vbox to\dfn@dimb{}}\fi
6395         \ifdim\dfn@fnht>\@tempdima
6396             \@tempdimb\@tempdima \advance\@tempdimb-\dfn@fnht
6397             \global\dfn@fnht\@tempdima
6398             \xdef\dfn@list{\dfn@list\@elt{0}{\number\@tempdimb}}%
6399             \xdef\dfn@afteroutput{\insert\footins{
6400                 \floatingpenalty\@MM
6401                 \ vbox to\number\@tempdimb sp{}}}%
6402             \global\let\noexpand\dfn@afteroutput\relax}%
6403         \fi\fi
6404     \fi}%
6405     \let\footnoterule\relax \dfn@latex@makecol
6406     \let\footnoterule\dfn@footnoterule}
6407 \renewcommand{\dfn@makecol}{\if@RTLmain\dfn@RTLmakecol\else\dfn@LTRmakecol\fi}
6408 \newcommand{\RTLdfnmakecol}{\renewcommand{\dfn@makecol}{\dfn@RTLmakecol}}
6409 \newcommand{\LTRdfnmakecol}{\renewcommand{\dfn@makecol}{\dfn@LTRmakecol}}
6410 \DFNalwaysdouble

```

7.47 draftwatermark-xetex-bidi.def

6411 \ProvidesFile{draftwatermark-xetex-bidi.def}[2010/07/25 v0.2 bidi adaptations for draftwatermark]


```

6412 \renewcommand\SetWatermarkText[1]{%
6413   \def\sc@wm@text{\if@RTLmain\beginR\fi#1\if@RTLmain\endR\fi}}

```

7.48 eso-pic-xetex-bidi.def

```

6414 \ProvidesFile{eso-pic-xetex-bidi.def}[2013/04/10 v0.2 bidi adaptations for eso-pic package for
6415 \renewcommand\AtPageLowerLeft[1]{\AtPageUpperLeft{%
6416   \put(\LenToUnit{\if@RTLmain\paperwidth\else0pt\fi},\LenToUnit{-\paperheight}){#1}}
6417
6418 \ESO@isMEMOIR{%
6419   \renewcommand\AtTextUpperLeft[1]{%
6420     \begingroup
6421       \ifodd\c@page
6422         \@tempdima=\spinemargin
6423       \else
6424         \@tempdima=\paperwidth
6425         \advance\@tempdima-\textwidth
6426         \advance\@tempdima-\spinemargin
6427       \fi
6428       \@tempdimb=-\uppermargin
6429       \AtPageUpperLeft{%
6430         \put(\LenToUnit{\if@RTLmain-\fi\@tempdima},\LenToUnit{\@tempdimb}){#1}%
6431       }%
6432     \endgroup
6433   }
6434 }{%
6435   \renewcommand\AtTextUpperLeft[1]{%
6436     \begingroup
6437       \@tempdima=1in\relax
6438       \ifodd\c@page
6439         \advance\@tempdima\oddsidemargin
6440       \else
6441         \advance\@tempdima\evensidemargin
6442       \fi
6443       \@tempdimb=-1in\relax
6444       \advance\@tempdimb-\topmargin
6445       \advance\@tempdimb-\headheight
6446       \advance\@tempdimb-\headsep
6447       \AtPageUpperLeft{%
6448         \put(\LenToUnit{\if@RTLmain-\fi\@tempdima},\LenToUnit{\@tempdimb}){#1}%
6449       }%
6450     \endgroup
6451   }
6452 }

```

7.49 empheq-xetex-bidi.def

```

6453 \ProvidesFile{empheq-xetex-bidi.def}[2011/09/07 v0.1 bidi adaptations for empheq package for
6454 \MHInternalSyntaxOn
6455 \def\EQ_tag_plus_endmark:{%
6456   \iftagsleft@

```

```

6457 \gdef\maketag@@@#1{%
6458 \hfuzz\displaywidth
6459 \if@RTL\makebox[\widthof{##1}][r]{%
6460 \hbox to \displaywidth{\m@th\normalfont##1\hss
6461 \raisebox{-\dp\EQ_mathdisplay_box
6462 -\depthof{\EQ_outerbox:}}}{
6463 {\PotEndMark{\hss}}}}
6464 \else\makebox[\widthof{##1}][l]{%
6465 \hbox to \displaywidth{\m@th\normalfont##1\hss
6466 \raisebox{-\dp\EQ_mathdisplay_box
6467 -\depthof{\EQ_outerbox:}}}{
6468 {\PotEndMark{\hss}}}}\fi}%
6469 \else:
6470 \gdef\maketag@@@#1{%
6471 \hbox{\m@th\normalfont##1\llap{\hss\PotEndMark{%
6472 \settoheight{\@tempdima}{\@nameuse{\InTheoType Symbol}}}%
6473 \MH_addtolength:dn \@tempdima
6474 {\g_EQ_bottomtag_depth_dim+\mintagvsep}
6475 \setlength{\@tempdimb}
6476 {\g_EQ_bottomrow_depth_dim+\depthof{\EQ_outerbox:}}
6477 +\depthof{\EQ_innerbox:}}}}
6478 \if_dim:w \@tempdima>\@tempdimb
6479 \MH_setlength:dn \@tempdima{-\dp\EQ_mathdisplay_box
6480 -\@tempdima+\g_EQ_bottomrow_depth_dim}
6481 \addtolength{\@tempdima}{\depthof{\EQ_innerbox:}}}%
6482 \def\EQ_next:{\raisebox{\@tempdima}}%
6483 \else:
6484 \def\EQ_next:{
6485 \raisebox{-\dp\EQ_mathdisplay_box
6486 -\depthof{\EQ_outerbox:}}}%
6487 \fi:\EQ_next:}}}%
6488 \fi:}
6489 \def\EQ_post_process:{%
6490 \EQ_initialize:
6491 \EQ_begin_equation:
6492 \MH_if_boolean:nT {outer_mult}{
6493 \setkeys{MT_options_name:}{
6494 firstline-afterskip=Opt,
6495 lastline-preskip=Opt,
6496 multlined-width=Opt,
6497 }
6498 \ifodd \l_EQ_alignmentmode_int
6499 \setkeys{MT_options_name:}{multlined-pos=b}
6500 \else:
6501 \setkeys{MT_options_name:}{multlined-pos=t}
6502 \fi:
6503 \g@addto@macro\EQ_complete_mathdisplay:{
6504 \begin{MTmultlined}\relax}
6505 }
6506 \g@addto@macro\EQ_complete_mathdisplay:\EQ_mathbody:

```

```

6507 \MH_if_boolean:nT {outer_mult}{
6508   \g@addto@macro\EQ_complete_mathdisplay:{\end{MTmultlined}}
6509 }
6510 \EQ_end_equation:
6511 \edef\EQ_hyperref_link_fint{\number\Hy@linkcounter}
6512 \savecounters@
6513 \EQ_typeset_tags:
6514 \edef\l_EQ_equation_fint{\number\c@equation}
6515 \restorecounters@
6516 \Hy@linkcounter=\EQ_hyperref_link_fint
6517 \settowidth\l_EQ_totalwidth_dim{%
6518   $\EQ_left_side:\EQ_innerbox:{}\EQ_right_side:$}%
6519 \MH_if_boolean:nTF {outer_mult}
6520   { \def\EQ_next:{_mult} }
6521   { \def\EQ_next:{} }
6522 \@nameuse{EQ_modify_linewidth_
6523   \romannumeral\l_EQ_equationtype_int\EQ_next: :}%
6524 \EQ_typeset_display:
6525 \@nameuse{find_displaywidth_
6526   \romannumeral\l_EQ_equationtype_int\EQ_next: :}%
6527 \MH_addtolength:dn
6528   \l_EQ_totalwidth_dim{\l_EQ_displaywidth_dim}
6529 \savebox\EQ_mathdisplay_box[\l_EQ_totalwidth_dim][c]{%
6530   $\EQ_left_side:
6531   \EQ_innerbox:{%
6532     \if_case:w \l_EQ_alignmentmode_int\or:
6533       \makebox[\l_EQ_displaywidth_dim][c]
6534       {\usebox{\EQ_mathdisplay_box}}}%
6535   \or:
6536     \makebox[\l_EQ_displaywidth_dim][c]
6537     {\usebox{\EQ_mathdisplay_box}}}%
6538   \or:
6539     \if@RTL\makebox[\l_EQ_displaywidth_dim][r]{%
6540       \if_num:w \l_EQ_equationtype_int=5 \else:
6541         \if_num:w \l_EQ_equationtype_int=6 \else:
6542           \kern-\@mathmargin
6543           \fi:
6544         \fi:
6545         \usebox{\EQ_mathdisplay_box}}}%
6546     \else\makebox[\l_EQ_displaywidth_dim][l]{%
6547       \if_num:w \l_EQ_equationtype_int=5 \else:
6548         \if_num:w \l_EQ_equationtype_int=6 \else:
6549           \kern-\@mathmargin
6550           \fi:
6551         \fi:
6552         \usebox{\EQ_mathdisplay_box}}\fi%
6553   \or:
6554     \if@RTL\makebox[\l_EQ_displaywidth_dim][r]{%
6555       \if_num:w \l_EQ_equationtype_int=5 \else:
6556         \if_num:w \l_EQ_equationtype_int=6 \else:

```

```

6557         \kern-\@mathmargin
6558         \fi:
6559         \fi:
6560         \usebox{\EQ_mathdisplay_box}}
6561     \else\makebox[\l_EQ_displaywidth_dim][l]{%
6562         \if_num:w \l_EQ_equationtype_int=5 \else:
6563         \if_num:w \l_EQ_equationtype_int=6 \else:
6564         \kern-\@mathmargin
6565         \fi:
6566         \fi:
6567         \usebox{\EQ_mathdisplay_box}}\fi%
6568     \fi:}%
6569     \EQ_right_side:$}%
6570 \begin{AmSequation*}
6571 \@nameuse{EQ_place_display_
6572     \romannumeral\l_EQ_equationtype_int\EQ_next: :}
6573 \if_dim:w \g_EQ_widesttag_dim>\z@
6574 \MH_set_boolean_T:n {show_manual_tags}
6575 \if_case:w \l_EQ_alignmentmode_int
6576 \or: \if@RTL\EQ_place_tag:N l\else\EQ_place_tag:N r\fi %#1
6577 \or: \if@RTL\EQ_place_tag:N r\else\EQ_place_tag:N l\fi %#2
6578 \or: \if@RTL\EQ_place_tag:N l\else\EQ_place_tag:N r\fi %#3
6579 \or: \if@RTL\EQ_place_tag:N r\else\EQ_place_tag:N l\fi %#4
6580 \fi:
6581 \fi:
6582 \end{AmSequation*}
6583 \global\c@equation=\l_EQ_equation_fint\relax
6584 }
6585 \AtBeginDocument{%
6586 \@ifpackageloaded{fancybox}{%
6587 \@ifpackageloaded{color}{\definecolor{shadowcolor}{rgb}{0,0,0}}%
6588 {\renewcommand*\textcolor[2]{\normalcolor{#2}}}%
6589 \renewcommand*\shadowbox{%
6590 \@ifstar{\MH_set_boolean_T:n {shadowbox_star}
6591 \VerbBox\EQ_shadowbox:n}
6592 {\MH_set_boolean_F:n {shadowbox_star}
6593 \VerbBox\EQ_shadowbox:n}}
6594 \def\EQ_shadowbox:n #1{%
6595 \sbox{\z@}{\fbox{#1}}%
6596 \MH_if_boolean:nTF {shadowbox_star}{
6597 \MH_setlength:dn \@tempdima{\z@}%
6598 }{
6599 \MH_setlength:dn \@tempdima{\dp\z@+\shadowsize}%
6600 }
6601 \raisebox{\@tempdima}{%
6602 \if@RTL\makebox[\z@][r]{%
6603 \kern\shadowsize \textcolor{shadowcolor}{%
6604 \rule[-\dp\z@-\shadowsize]{\wd\z@}{\shadowsize}}%
6605 }%
6606 \else\makebox[\z@][l]{%

```

```

6607         \kern\shadowsize \textcolor{shadowcolor}{%
6608             \rule[-\dp\z@-\shadowsize]{\wd\z@}{\shadowsize}}%
6609     }\fi%
6610     \usebox\z@\textcolor{shadowcolor}{%
6611         \rule[-\dp\z@-\shadowsize]{\shadowsize}{\ht\z@+\dp\z@}}}%
6612 }{}%
6613 }
6614 \MHInternalSyntaxOff

```

7.50 extarticle-xetex-bidi.def

```

6615 \ProvidesFile{extarticle-xetex-bidi.def}[2010/07/25 v0.2 bidi adaptations for extarticle clas
6616 \renewcommand*\l@section[2]{%
6617     \ifnum \c@tocdepth >\z@
6618         \addpenalty\@secpenalty
6619         \addvspace{1.0em \@plus\p@}%
6620         \setlength\@tempdima{1.5em}%
6621         \begingroup
6622             \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
6623             \parfillskip -\@pnumwidth
6624             \leavevmode \bfseries
6625             \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
6626             \hskip -\if@RTL\rightskip\else\leftskip\fi
6627             #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
6628         \endgroup
6629     \fi}
6630 \renewcommand*\l@part[2]{%
6631     \ifnum \c@tocdepth >-2\relax
6632         \addpenalty\@secpenalty
6633         \addvspace{2.25em \@plus\p@}%
6634         \begingroup
6635             \setlength\@tempdima{3em}%
6636             \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
6637             \parfillskip -\@pnumwidth
6638             {\leavevmode
6639                 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
6640             \nobreak
6641         \endgroup
6642     \fi}
6643 \def\@part[#1]#2{%
6644     \ifnum \c@secnumdepth >\m@ne
6645         \refstepcounter{part}%
6646         \addcontentsline{toc}{part}{\thepart\hspace{1em}#1}%
6647     \else
6648         \addcontentsline{toc}{part}{#1}%
6649     \fi
6650     {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
6651         \interlinepenalty \@M
6652         \normalfont
6653         \ifnum \c@secnumdepth >\m@ne

```

```

6654      \Large\bfseries \partname~\thepart
6655      \par\nobreak
6656      \fi
6657      \huge \bfseries #2%
6658      \markboth{}{}\par}%
6659      \nobreak
6660      \vskip 3ex
6661      \@afterheading}
6662 \def\@spart#1{%
6663   {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
6664    \interlinepenalty \@M
6665    \normalfont
6666    \huge \bfseries #1\par}%
6667    \nobreak
6668    \vskip 3ex
6669    \@afterheading}
6670 \renewenvironment{thebibliography}[1]
6671   {\section*{\refname
6672    \@mkboth{\MakeUppercase\refname}{\MakeUppercase\refname}}%
6673    \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
6674    \list{\@biblabel{\@arabic{c@enumiv}}}%
6675     {\settowidth\labelwidth{\@biblabel{#1}}%
6676      \leftmargin\labelwidth
6677      \advance\leftmargin\labelsep
6678      \@openbib@code
6679      \usecounter{enumiv}%
6680      \let\p@enumiv\@empty
6681      \renewcommand\theenumiv{\@arabic{c@enumiv}}}%
6682    \sloppy\clubpenalty4000\widowpenalty4000%
6683    \sfcode'\. \@m}
6684   {\def\@noitemerr
6685    {\@latex@warning{Empty 'thebibliography' environment}}%
6686    \endlist}
6687 \renewcommand\left@footnoterule{%
6688   \kern-3\p@
6689   \hrule\@width.4\columnwidth
6690   \kern2.6\p@}
6691 \renewcommand\right@footnoterule{%
6692   \hbox to \columnwidth
6693   {\beginR \vbox{%
6694     \kern-3\p@
6695     \hrule\@width.4\columnwidth
6696     \kern2.6\p@}\hfil\endR}}
6697   \if@titlepage
6698   \renewcommand\maketitle{\begin{titlepage}%
6699     \let\footnotesize\small
6700     \let\right@footnoterule\relax
6701     \let\left@footnoterule\relax
6702     \let\textwidth\footnoterule\relax
6703     \let \footnote \thanks

```

```

6704 \null\vfil
6705 \vskip 60\p@
6706 \begin{center}%
6707   {\LARGE \@title \par}%
6708   \vskip 3em%
6709   {\large
6710     \lineskip .75em%
6711     \begin{tabular}[t]{c}%
6712       \@author
6713     \end{tabular}\par}%
6714   \vskip 1.5em%
6715   {\large \@date \par}%           % Set date in \large size.
6716 \end{center}\par
6717 \@thanks
6718 \vfil\null
6719 \end{titlepage}%
6720 \setcounter{footnote}{0}%
6721 \global\let\thanks\relax
6722 \global\let\maketitle\relax
6723 \global\let\@thanks\@empty
6724 \global\let\@author\@empty
6725 \global\let\@date\@empty
6726 \global\let\@title\@empty
6727 \global\let\title\relax
6728 \global\let\author\relax
6729 \global\let\date\relax
6730 \global\let\and\relax
6731 }
6732 \else
6733 \renewcommand\maketitle{\par
6734   \begingroup
6735     \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
6736     \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
6737     \long\def\@makefntext##1{\parindent 1em\noindent
6738       \hb@xt@1.8em{%
6739         \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
6740     \if@twocolumn
6741       \ifnum \col@number=\@one
6742         \@maketitle
6743       \else
6744         \twocolumn[\@maketitle]%
6745       \fi
6746     \else
6747       \newpage
6748       \global\@topnum\z@      % Prevents figures from going at top of page.
6749       \@maketitle
6750     \fi
6751     \thispagestyle{plain}\@thanks
6752   \endgroup
6753   \setcounter{footnote}{0}%

```

```

6754 \global\let\thanks\relax
6755 \global\let\maketitle\relax
6756 \global\let\@maketitle\relax
6757 \global\let\@thanks\@empty
6758 \global\let\@author\@empty
6759 \global\let\@date\@empty
6760 \global\let\@title\@empty
6761 \global\let\title\relax
6762 \global\let\author\relax
6763 \global\let\date\relax
6764 \global\let\and\relax
6765 }
6766 \def\@maketitle{%
6767   \newpage
6768   \null
6769   \vskip 2em%
6770   \begin{center}%
6771     \let \footnote \thanks
6772     {\LARGE \@title \par}%
6773     \vskip 1.5em%
6774     {\large
6775       \lineskip .5em%
6776       \begin{tabular}[t]{c}%
6777         \@author
6778         \end{tabular}\par}%
6779     \vskip 1em%
6780     {\large \@date}%
6781   \end{center}%
6782   \par
6783   \vskip 1.5em}
6784 \fi
6785 \renewcommand\thesubsection {\thesection\@SepMark\@arabic\c@section}
6786 \renewcommand\thesubsubsection{\thesubsection \@SepMark\@arabic\c@subsubsection}
6787 \renewcommand\theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
6788 \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}%%

```

7.51 extbook-xetex-bidi.def

```

6789 \ProvidesFile{extbook-xetex-bidi.def}[2010/07/25 v0.3 bidi adaptations for extbook class for
6790 \if@titlepage
6791 \renewcommand\maketitle{\begin{titlepage}%
6792 \let\footnotesize\small
6793 \let\right@footnoterule\relax
6794 \let\left@footnoterule\relax
6795 \let\textwidth@footnoterule\relax
6796 \let \footnote \thanks
6797 \let \LTRfootnote \LTRthanks
6798 \let \RTLfootnote \RTLthanks
6799 \null\vfil
6800 \vskip 60\p@

```



```

6801 \begin{center}%
6802 {\LARGE \@title \par}%
6803 \vskip 3em%
6804 {\large
6805 \lineskip .75em%
6806 \begin{tabular}[t]{c}%
6807 \@author
6808 \end{tabular}\par}%
6809 \vskip 1.5em%
6810 {\large \@date \par}% % Set date in \large size.
6811 \end{center}\par
6812 \@thanks
6813 \vfil\null
6814 \end{titlepage}%
6815 \setcounter{footnote}{0}%
6816 \global\let\thanks\relax
6817 \global\let\LTRthanks\relax
6818 \global\let\RTLthanks\relax
6819 \global\let\maketitle\relax
6820 \global\let\@thanks\@empty
6821 \global\let\@author\@empty
6822 \global\let\@date\@empty
6823 \global\let\@title\@empty
6824 \global\let\title\relax
6825 \global\let\author\relax
6826 \global\let\date\relax
6827 \global\let\and\relax
6828 }
6829 \else
6830 \renewcommand\maketitle{\par
6831 \begingroup
6832 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
6833 \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
6834 \long\def\@makefntext##1{\parindent 1em\noindent
6835 \hb@xt@1.8em{%
6836 \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
6837 \if@twocolumn
6838 \ifnum \col@number=\@one
6839 \@maketitle
6840 \else
6841 \twocolumn[\@maketitle]%
6842 \fi
6843 \else
6844 \newpage
6845 \global\@topnum\z@ % Prevents figures from going at top of page.
6846 \@maketitle
6847 \fi
6848 \thispagestyle{plain}\@thanks
6849 \endgroup
6850 \setcounter{footnote}{0}%

```

```

6851 \global\let\thanks\relax
6852 \global\let\LTRthanks\relax
6853 \global\let\RTLthanks\relax
6854 \global\let\maketitle\relax
6855 \global\let\@maketitle\relax
6856 \global\let\@thanks\@empty
6857 \global\let\@author\@empty
6858 \global\let\@date\@empty
6859 \global\let\@title\@empty
6860 \global\let\title\relax
6861 \global\let\author\relax
6862 \global\let\date\relax
6863 \global\let\and\relax
6864 }
6865 \def\@maketitle{%
6866   \newpage
6867   \null
6868   \vskip 2em%
6869   \begin{center}%
6870     \let \footnote \thanks
6871     \let \LTRfootnote \LTRthanks
6872     \let \RTLfootnote \RTLthanks
6873     {\LARGE \@title \par}%
6874     \vskip 1.5em%
6875     {\large
6876       \lineskip .5em%
6877       \begin{tabular}[t]{c}%
6878         \@author
6879         \end{tabular}\par}%
6880     \vskip 1em%
6881     {\large \@date}%
6882   \end{center}%
6883   \par
6884   \vskip 1.5em}
6885 \fi
6886 \renewcommand*\l@part[2]{%
6887   \ifnum \c@tocdepth >-2\relax
6888     \addpenalty{-\@highpenalty}%
6889     \addvspace{2.25em \@plus\p@}%
6890     \begingroup
6891       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
6892       \parfillskip -\@pnumwidth
6893       {\leavevmode
6894         \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
6895       \nobreak
6896       \global\@nobreaktrue
6897       \everypar{\global\@nobreakfalse\everypar{}}%
6898     \endgroup
6899   \fi}
6900 \renewcommand\theequation

```

```

6901 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
6902 \renewcommand \thefigure
6903     {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
6904 \renewcommand \thetable
6905     {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
6906 \renewcommand \thechapter {\@arabic\c@chapter}
6907 \renewcommand \thesection {\thechapter\@SepMark\@arabic\c@section}
6908 \renewcommand \thesubsection {\thesection\@SepMark\@arabic\csubsection}
6909 \renewcommand \thesubsubsection {\thesubsection \@SepMark\@arabic\csubsubsection}
6910 \renewcommand \theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
6911 \renewcommand \thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}
6912 \def\@makechapterhead#1{%
6913     \vspace*{50\p@}%
6914     {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi \normalfont
6915         \ifnum \c@secnumdepth >\m@ne
6916             \if@mainmatter
6917                 \huge\bfseries \@chapapp\space \thechapter
6918                 \par\nobreak
6919                 \vskip 20\p@
6920             \fi
6921             \fi
6922             \interlinepenalty\@M
6923             \Huge \bfseries #1\par\nobreak
6924             \vskip 40\p@
6925     }}
6926
6927 \def\@makeschapterhead#1{%
6928     \vspace*{50\p@}%
6929     {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
6930         \normalfont
6931         \interlinepenalty\@M
6932         \Huge \bfseries #1\par\nobreak
6933         \vskip 40\p@
6934     }}
6935 \renewcommand\backmatter{%
6936     \if@openright
6937         \cleardoublepage
6938     \else
6939         \clearpage
6940     \fi
6941     \@mainmatterfalse}
6942 \renewenvironment{thebibliography}[1]
6943     {\chapter*{\bibname
6944         \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}}%
6945     \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
6946     \list{\@biblabel{\@arabic\c@enumiv}}%
6947         {\settowidth\labelwidth{\@biblabel{#1}}%
6948         \leftmargin\labelwidth
6949         \advance\leftmargin\labelsep
6950         \@openbib@code

```

```

6951         \usecounter{enumiv}%
6952         \let\p@enumiv\@empty
6953         \renewcommand\theenumiv{\@arabic\c@enumiv}}%
6954     \sloppy
6955     \clubpenalty4000
6956     \@clubpenalty \clubpenalty
6957     \widowpenalty4000%
6958     \sfcode'\.\@m}
6959     {\def\@noitemerr
6960      {\@latex@warning{Empty 'thebibliography' environment}}}%
6961     \endlist}

```

7.52 extletter-xetex-bidi.def

```

6962 \ProvidesFile{extletter-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for extletter class]
6963 \renewcommand*\opening[1]{\ifx\@empty\fromaddress
6964   \thispagestyle{firstpage}%
6965   {\if@RTL\raggedright\else\raggedleft\fi\@date\par}%
6966   \else % home address
6967     \thispagestyle{empty}%
6968     {\if@RTL\raggedright\begin{tabular}{r@{}}\else\raggedleft\begin{tabular}{l@{}}\fi\ignorespaces
6969       \fromaddress \*[2\parskip]%
6970       \@date \end{tabular}\par}%
6971   \fi
6972   \vspace{2\parskip}%
6973   {\if@RTL\raggedleft\else\raggedright\fi \toname \[2\parskip] \toaddress \par}%
6974   \vspace{2\parskip}%
6975   #1\par\nobreak}
6976 \renewcommand\closing[1]{\par\nobreak\vspace{\parskip}%
6977   \stopbreaks
6978   \noindent
6979   \ifx\@empty\fromaddress\else
6980     \hspace*{\longindentation}\fi
6981   \parbox{\indentedwidth}{\if@RTL\raggedleft\else\raggedright\fi
6982     \ignorespaces #1\[[6\medskipamount]%
6983     \ifx\@empty\fromsig
6984       \fromname
6985     \else \fromsig \fi\strut}%
6986   \par}
6987 \renewcommand\left@footnoterule{%
6988   \kern-\p@
6989   \hrule \@width .4\columnwidth
6990   \kern .6\p@}
6991 \renewcommand\right@footnoterule{%
6992   \hbox to \columnwidth
6993   {\beginR \vbox{%
6994     \kern-\p@
6995     \hrule \@width .4\columnwidth
6996     \kern .6\p@}\hfil\endR}}

```

7.53 extrafootnotefeatures-xetex-bidi.def

```

6997 \ProvidesFile{extrafootnotefeatures-xetex-bidi.def}[2012/12/12 v0.4 bidi extra footnote featur
6998 \let\autofootnoterule\relax
6999 \let\rightfootnoterule\relax
7000 \let\leftfootnoterule\relax
7001 \let\textwidthfootnoterule\relax
7002 \let\LRfootnoterule\relax
7003 \def\footnoterule{\kern-3\p@
7004   \hrule \@width \columnwidth \kern 2.6\p@}
7005 \bidi@ensure@newcommand{\setRTLparagraphfootnotes}{\@parafootRTLtrue}
7006 \bidi@ensure@newcommand{\setLTRparagraphfootnotes}{\@parafootRTLfalse}
7007 \renewcommand{\@footnotetext}[1]{%
7008   \insert\footins{%
7009     \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
7010     \def\baselinestretch{\m@m@footnote@spacing}%
7011     \reset@font
7012     \foottextfont
7013     \@preamfntext
7014     \hsize\columnwidth
7015     \protected@edef\@currentlabel{%
7016       \csname p@footnote\endcsname\@thefnmark}%
7017     \color@begingroup
7018     \@makefntext{%
7019       \rule\z@\footnotesep\ignorespaces{\foottextfont #1}%
7020       \@finalstrut\strutbox}%
7021     \color@endgroup}%
7022     \m@m@mmf@prepare}
7023 \renewcommand{\@RTLfootnotetext}[1]{%
7024   \insert\footins{%
7025     \@RTLtrue%
7026     \def\baselinestretch{\m@m@footnote@spacing}%
7027     \reset@font
7028     \RTLfoottextfont
7029     \@preamfntext
7030     \hsize\columnwidth
7031     \protected@edef\@currentlabel{%
7032       \csname p@footnote\endcsname\@thefnmark}%
7033     \color@begingroup
7034     \@makefntext{%
7035       \rule\z@\footnotesep\ignorespaces{\RTLfoottextfont #1}%
7036       \@finalstrut\strutbox}%
7037     \color@endgroup}%
7038     \m@m@mmf@prepare}
7039 \renewcommand{\@LTRfootnotetext}[1]{%
7040   \insert\footins{%
7041     \@RTLfalse%
7042     \def\baselinestretch{\m@m@footnote@spacing}%
7043     \reset@font
7044     \LTRfoottextfont

```

```

7045 \preamfntext
7046 \hsize\columnwidth
7047 \protected@edef\@currentlabel{%
7048   \csname p@footnote\endcsname\@thefnmark}%
7049 \color@begingroup
7050 \makefnfntext{%
7051   \rule\z@\footnotesep\ignorespaces{\LTRfoottextfont #1}%
7052   \@finalstrut\strutbox}%
7053 \color@endgroup}%
7054 \m@mmf@prepare}
7055 \renewcommand{\@mpfootnotetext}[1]{%
7056   \global\setbox\@mpfootins\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
7057     \unvbox\@mpfootins
7058     \def\baselinestretch{\m@m@footnote@spacing}%
7059     \foottextfont \hsize\columnwidth \@parboxrestore
7060     \protected@edef\@currentlabel{%
7061       \csname p@mpfootnote\endcsname\@thefnmark}%
7062     \color@begingroup
7063     \reset@font%
7064     \makefnfntext{%
7065       \rule\z@\footnotesep\ignorespaces{\foottextfont #1}%
7066       \@finalstrut\strutbox}%
7067     \color@endgroup}}
7068 \renewcommand{\@mpLTRfootnotetext}[1]{%
7069   \global\setbox\@mpfootins\vbox{\@RTLfalse%
7070     \unvbox\@mpfootins
7071     \def\baselinestretch{\m@m@footnote@spacing}%
7072     \LTRfoottextfont \hsize\columnwidth \@parboxrestore
7073     \protected@edef\@currentlabel{%
7074       \csname p@mpfootnote\endcsname\@thefnmark}%
7075     \color@begingroup
7076     \reset@font%
7077     \makefnfntext{%
7078       \rule\z@\footnotesep\ignorespaces{\LTRfoottextfont #1}%
7079       \@finalstrut\strutbox}%
7080     \color@endgroup}}
7081 \renewcommand{\@mpRTLfootnotetext}[1]{%
7082   \global\setbox\@mpfootins\vbox{\@RTLtrue%
7083     \unvbox\@mpfootins
7084     \def\baselinestretch{\m@m@footnote@spacing}%
7085     \RTLfoottextfont \hsize\columnwidth \@parboxrestore
7086     \protected@edef\@currentlabel{%
7087       \csname p@mpfootnote\endcsname\@thefnmark}%
7088     \color@begingroup
7089     \reset@font%
7090     \makefnfntext{%
7091       \rule\z@\footnotesep\ignorespaces{\RTLfoottextfont #1}%
7092       \@finalstrut\strutbox}%
7093     \color@endgroup}}
7094 \let\m@mold@footnotetext\@footnotetext

```

```

7095 \let\m@mold@LTRfootnotetext\@LTRfootnotetext
7096 \let\m@mold@RTLfootnotetext\@RTLfootnotetext
7097 \let\m@mold@mpfootnotetext\@mpfootnotetext
7098 \let\m@mold@mpLTRfootnotetext\@mpLTRfootnotetext
7099 \let\m@mold@mpRTLfootnotetext\@mpRTLfootnotetext
7100 \bidi@ensure@newcommand{\normalfootnotes}{%
7101   \let\@footnotetext\m@mold@footnotetext
7102   \let\@LTRfootnotetext\m@mold@LTRfootnotetext
7103   \let\@RTLfootnotetext\m@mold@RTLfootnotetext
7104   \let\@mpfootnotetext\m@mold@mpfootnotetext
7105   \let\@mpLTRfootnotetext\m@mold@mpLTRfootnotetext
7106   \let\@mpRTLfootnotetext\m@mold@mpRTLfootnotetext}
7107 \ifclassloaded{memoir}{\let\plainfootnotes\normalfootnotes}{%
7108 \bidi@ensure@newcommand*{\RTLcolumnfootnotes}{\@RTLcolumnfootnotestrue}
7109 \bidi@ensure@newcommand*{\LTRcolumnfootnotes}{\@RTLcolumnfootnotesfalse}
7110 \bidi@ensure@newcommand*{\setSingleSpace}[1]{%
7111   \def\m@m@singlespace{#1}%
7112   \def\m@m@footnote@spacing{#1}%
7113   \def\m@m@float@spacing{#1} %
7114 }
7115 \setSingleSpace{1}
7116 \newinsert\sideins
7117 \bidi@ensure@newcommand*{\multiplefootnotemarker}{3sp}
7118 \bidi@ensure@newcommand*{\m@m@mf@prepare}{%
7119   \kern-\multiplefootnotemarker
7120   \kern\multiplefootnotemarker\relax}
7121 \bidi@ensure@newlength{\footmarkwidth}
7122 \bidi@ensure@newlength{\footmarksep}
7123 \bidi@ensure@newlength{\footparindent}
7124 \bidi@ensure@newcommand*{\footmarkstyle}[1]{\def\footscript##1{#1}}
7125 \bidi@ensure@newcommand{\footfootmark}{%
7126   \ifdim\footmarkwidth < \z@
7127     \llap{\hb@xt@ -\footmarkwidth{%
7128       \hss\normalfont\footscript{\@thefnmark}}}%
7129     \hspace*{-\footmarkwidth}}%
7130   \else
7131     \ifdim\footmarkwidth = \z@
7132       {\normalfont\footscript{\@thefnmark}}%
7133     \else
7134       \hb@xt@\footmarkwidth{\hss\normalfont\footscript{\@thefnmark}}%
7135     \fi
7136   \fi}
7137 \footmarkstyle{\textsuperscript{#1}}
7138 \setlength{\footmarkwidth}{1.8em}
7139 \setlength{\footparindent}{1em}
7140 \bidi@ensure@newcommand{\m@m@doextrafeet}{\extrafeetins}
7141 \bidi@ensure@newcommand*{\extrafeetins}{%
7142   \setbox\@outputbox \vbox{%
7143     \boxmaxdepth \@maxdepth
7144     \unvbox\@outputbox

```

```

7145 \ifvoid\footinsv@r\else\@footstartv@r\@footgroupv@r\fi
7146 \extrafeetinshook}}
7147 \bidi@ensure@newcommand{\extrafeetinshook}{%
7148 \bidi@ensure@newcommand{\foottextfont}{\footnotesize}
7149 \bidi@ensure@newcommand{\LTRfoottextfont}{\footnotesize}
7150 \bidi@ensure@newcommand{\RTLfoottextfont}{\footnotesize}
7151 \bidi@ensure@newlength{\footinsdim}
7152 \setlength{\footinsdim}{8in} % standard for \dimen\footins
7153 \bidi@ensure@newcommand{\@preamfntext}{%
7154 \interlinepenalty\interfootnotelinepenalty
7155 \floatingpenalty \@MM
7156 \splittopskip=\footnotesep
7157 \splitmaxdepth=\dp\strutbox
7158 \@parboxrestore}
7159 \bidi@ensure@newcommand{\m@mndoextrafeetmini}{%
7160 \extrafeetminihook}
7161 \bidi@ensure@newcommand{\extrafeetendmini}{%
7162 \ifvoid\@mpfootinsv@r\else
7163 \vskip\skip\@mpfootins
7164 \normalcolor\footnoterule\mp@footgroupv@r
7165 \fi
7166 \extrafeetendminihook}
7167 \bidi@ensure@newcommand{\extrafeetendminihook}{%
7168 \bidi@ensure@newcommand{\m@mndoextrafeetendmini}{\extrafeetendmini}
7169 \def\endminipage{%
7170 \par
7171 \unskip
7172 \ifvoid\@mpfootins\else
7173 \vskip\skip\@mpfootins
7174 \normalcolor
7175 \footnoterule
7176 \unvbox\@mpfootins
7177 \fi
7178 \m@mndoextrafeetendmini
7179 \@minipagefalse
7180 \color@endgroup
7181 \egroup
7182 \expandafter\@iiiparbox\@mpargs{\unvbox\@tempboxa}}
7183 \bidi@ensure@newcommand{\m@make@footstart}[1]{%
7184 \@namedef{\@footstart#1}{%
7185 \vskip\bigskipamount
7186 \leftskip=\z@
7187 \rightskip=\z@
7188 \footnoterule}}
7189 \newinsert\footinsv@r
7190 \skip\footinsv@r\bigskipamount
7191 \count\footinsv@r=1000 % no magnification
7192 \dimen\footinsv@r=\footinsdim
7193 \m@make@footstart{v@r}
7194 \bidi@ensure@newcommand{\@footgroupv@r}{%

```



```

7195 \newinsert\@mpfootinsv@r
7196 \bidi@ensure@newcommand{\mp@footgroupv@r}{%
7197 \newcount\m@m@k \newdimen\m@m@h
7198 \ifpackageloaded{multicol}{%
7199 \bidi@ensure@newcommand*{\m@mrigidbalance}[3]{\setbox0=\box#1 \m@m@k=#2 \m@m@h=#3
7200 \hsize\textwidth
7201 \@@line{\if@RTLcolumnfootnotes\beginR\fi\splittopskip=\m@m@h \vbadness=\@M \hfilneg
7202 \valign{##\vfill\cr\m@mdosplits}\if@RTLcolumnfootnotes\endR\fi}}
7203 }{%
7204 \bidi@ensure@newcommand*{\m@mrigidbalance}[3]{\setbox0=\box#1 \m@m@k=#2 \m@m@h=#3
7205 \@@line{\if@RTLcolumnfootnotes\beginR\fi\splittopskip=\m@m@h \vbadness=\@M \hfilneg
7206 \valign{##\vfill\cr\m@mdosplits}\if@RTLcolumnfootnotes\endR\fi}}
7207 \bidi@ensure@newcommand*{\m@mdosplits}{\ifnum\m@m@k>0 \noalign{\hfil}\m@msplitoff
7208 \global\advance\m@m@k-1\cr\m@mdosplits\fi}
7209 \bidi@ensure@newcommand*{\m@msplitoff}{\dimen0=\ht0
7210 \divide\dimen0 by\m@m@k \advance\dimen0 by\m@m@h
7211 \setbox2 \vsplit0 to \dimen0
7212 \unvbox2 }
7213 \bidi@ensure@newcommand{\twocolumnfootnotes}{%
7214 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
7215 \let\@footnotetext\@twocolfootnotetext
7216 \let\@LTRfootnotetext\@twocolLTRfootnotetext
7217 \let\@RTLfootnotetext\@twocolRTLfootnotetext
7218 \dimen\footinsv@r=2\footinsdim
7219 \count\footinsv@r=500\relax
7220 \m@make@twocol@footgroup{v@r}%
7221 \let\@footgroupv@r\@twocol@footgroupv@r
7222 \let\@mpfootnotetext\@mptwocolfootnotetext
7223 \let\@mpLTRfootnotetext\@mptwocolLTRfootnotetext
7224 \let\@mpRTLfootnotetext\@mptwocolRTLfootnotetext
7225 \m@make@mptwocol@footgroup{v@r}%
7226 \let\mp@footgroupv@r\@mptwocol@footgroupv@r}
7227 \bidi@ensure@newcommand{\@twocolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtrue
7228 \def\baselinestretch{\m@m@footnote@spacing}%
7229 \reset@font\foottextfont
7230 \@preamfntext
7231 \protected@edef\@currentlabel{%
7232 \csname p@footnote\endcsname\@thefnmark}%
7233 \color@begingroup
7234 \@twocolfootfmt{#1}%
7235 \color@endgroup}%
7236 \m@m@prepare}
7237 \bidi@ensure@newcommand{\@twocolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnotes
7238 \def\baselinestretch{\m@m@footnote@spacing}%
7239 \reset@font\LTRfoottextfont
7240 \@preamfntext
7241 \protected@edef\@currentlabel{%
7242 \csname p@footnote\endcsname\@thefnmark}%
7243 \color@begingroup
7244 \@twocolLTRfootfmt{#1}%

```

```

7245 \color@endgroup}%
7246 \m@mmf@prepare}
7247 \bidi@ensure@newcommand{\@twocolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
7248 \def\baselinestretch{\m@m@footnote@spacing}%
7249 \reset@font\RTLfoottextfont
7250 \@preamfntext
7251 \protected@edef\@currentlabel{%
7252 \csname p@footnote\endcsname\@thefnmark}%
7253 \color@begingroup
7254 \@twocolRTLfootfmt{#1}%
7255 \color@endgroup}%
7256 \m@mmf@prepare}
7257 \bidi@ensure@newcommand{\@preamtwofmt}{%
7258 \hspace{.45\hspace}
7259 \parindent=\z@
7260 \tolerance=5000\relax
7261 \leavevmode}
7262 \bidi@ensure@newcommand{\@twocolfootfmt}[1]{%
7263 \@preamtwofmt
7264 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
7265 \bidi@ensure@newcommand{\@twocolLTRfootfmt}[1]{%
7266 \@preamtwofmt
7267 {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
7268 \bidi@ensure@newcommand{\@twocolRTLfootfmt}[1]{%
7269 \@preamtwofmt
7270 {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
7271 \bidi@ensure@newcommand{\@mptwocolfootnotetext}[1]{%
7272 \global\setbox\@mpfootinsv@r\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
7273 \unvbox\@mpfootinsv@r
7274 \def\baselinestretch{\m@m@footnote@spacing}%
7275 \reset@font\foottextfont
7276 \hspace\columnwidth \@parboxrestore
7277 \protected@edef\@currentlabel{%
7278 \csname p@mpfootnote\endcsname\@thefnmark}%
7279 \color@begingroup
7280 \@twocolfootfmt{#1}%
7281 \color@endgroup}%
7282 \m@mmf@prepare}
7283 \bidi@ensure@newcommand{\@mptwocolLTRfootnotetext}[1]{%
7284 \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
7285 \unvbox\@mpfootinsv@r
7286 \def\baselinestretch{\m@m@footnote@spacing}%
7287 \reset@font\LTRfoottextfont
7288 \hspace\columnwidth \@parboxrestore
7289 \if@RTLcolumnfootnotes\beginL\fi
7290 \protected@edef\@currentlabel{%
7291 \csname p@mpfootnote\endcsname\@thefnmark}%
7292 \color@begingroup
7293 \@twocolLTRfootfmt{#1}%
7294 \color@endgroup}%

```

```

7295 \m@mmf@prepare}
7296 \bidi@ensure@newcommand{\@mptwocolRTLfootnotetext}[1]{%
7297 \global\setbox\@mpfootinsv\@vbox{\@RTLtrue%
7298 \unvbox\@mpfootinsv@r
7299 \def\baselinestretch{\m@mm@footnote@spacing}%
7300 \reset@font\RTLfoottextfont
7301 \hsize\columnwidth \@parboxrestore
7302 \protected@edef\@currentlabel{%
7303 \csname p@mpfootnote\endcsname\@thefnmark}%
7304 \color@begingroup
7305 \@twocolRTLfootfmt{#1}%
7306 \color@endgroup}%
7307 \m@mmf@prepare}
7308 \bidi@ensure@newcommand{\twocolumnfootstyle}[1]{%
7309 \m@make@twocolfootnotetext{#1}%
7310 \m@make@mptwocolfootnotetext{#1}%
7311 \m@make@twocolfootfmt{#1}%
7312 \m@make@twocol@footgroup{#1}%
7313 \m@make@mptwocol@footgroup{#1}%
7314 \m@make@footstart{#1}%
7315 \bidi@namelongdef{\@footnotetext#1}##1{%
7316 \@nameuse{\@twocolfootnotetext#1}{##1}}%
7317 \bidi@namelongdef{\@mpfootnotetext#1}##1{%
7318 \@nameuse{\@mptwocolfootnotetext#1}{##1}}%
7319 \namedef{\@footgroup#1}{\@nameuse{\@twocol@footgroup#1}}%
7320 \namedef{\mp@footgroup#1}{\@nameuse{\@mptwocol@footgroup#1}}%
7321 \expandafter\dimen\csname footins#1\endcsname=2\footinsdim
7322 \expandafter\count\csname footins#1\endcsname=500\relax}
7323 \bidi@ensure@newcommand{\m@make@twocolfootnotetext}[1]{%
7324 \bidi@namelongdef{\@twocolfootnotetext#1}##1{%
7325 \insert\@nameuse{footins#1}{%
7326 \def\baselinestretch{\m@mm@footnote@spacing}%
7327 \reset@font\@nameuse{foottextfont#1}%
7328 \@preamfntext
7329 \protected@edef\@currentlabel{%
7330 \csname p@footnote#1\endcsname \@nameuse{\@thefnmark#1}}%
7331 \color@begingroup
7332 \@nameuse{\@twocolfootfmt#1}{##1}%
7333 \color@endgroup}%
7334 \m@mmf@prepare}}
7335 \bidi@ensure@newcommand{\m@make@mptwocolfootnotetext}[1]{%
7336 \bidi@namelongdef{\@mptwocolfootnotetext#1}##1{%
7337 \global\setbox\@nameuse{\@mpfootins#1}\vbox{%
7338 \unvbox\@nameuse{\@mpfootins#1}
7339 \def\baselinestretch{\m@mm@footnote@spacing}%
7340 \reset@font\@nameuse{foottextfont#1}%
7341 \hsize\columnwidth \@parboxrestore
7342 \protected@edef\@currentlabel{%
7343 \csname p@mpfootnote#1\endcsname\@nameuse{\@thefnmark#1}}%
7344 \color@begingroup

```

```

7345 \nameuse{twocolfootfmt#1}##1}%
7346 \color@endgroup}\m@mmf@prepare}}
7347 \bidi@ensure@newcommand{\m@make@twocolfootfmt}[1]{%
7348 \namedef{@twocolfootfmt#1}##1{%
7349 \preamtwofmt
7350 {\nameuse{footfootmark#1}\strut
7351 {\nameuse{foottextfont#1}##1}\strut\par}\allowbreak}}
7352 \bidi@ensure@newcommand{\m@make@twocol@footgroup}[1]{%
7353 \namedef{@twocol@footgroup#1}{%
7354 \nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7355 \m@r@rigidbalance{\nameuse{footins#1}}{\tw@}{\splittopskip}}}}
7356 \bidi@ensure@newcommand{\m@make@mptwocol@footgroup}[1]{%
7357 \namedef{@mptwocol@footgroup#1}{%
7358 \nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7359 \m@r@rigidbalance{\nameuse{mpfootins#1}}{\tw@}{\splittopskip}}}}
7360 \bidi@ensure@newcommand{\threecolumnfootnotes}{%
7361 \namedef{foottextfontv@r}{\foottextfont}% % [RS]
7362 \let\@footnotetext\@threecolfootnotetext
7363 \let\@LTRfootnotetext\@threecolLTRfootnotetext
7364 \let\@RTLfootnotetext\@threecolRTLfootnotetext
7365 \dimen\footinsv@r=3\footinsdim
7366 \count\footinsv@r=333\relax
7367 \m@make@threecol@footgroup{v@r}%
7368 \let\@footgroupv@r\@threecol@footgroupv@r
7369 \let\@mpfootnotetext\@mpthreecolfootnotetext
7370 \let\@mpLTRfootnotetext\@mpthreecolLTRfootnotetext
7371 \let\@mpRTLfootnotetext\@mpthreecolRTLfootnotetext
7372 \m@make@mpthreecol@footgroup{v@r}%
7373 \let\mp@footgroupv@r\@mpthreecol@footgroupv@r
7374 \bidi@ensure@newcommand{\@threecolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtr
7375 \def\baselinestretch{\m@m@footnote@spacing}%
7376 \reset@font\foottextfont
7377 \preamfntext
7378 \protected@edef\@currentlabel{%
7379 \csname p@footnote\endcsname\@thefnmark}%
7380 \color@begingroup
7381 \@threecolfootfmt{#1}%
7382 \color@endgroup}\m@mmf@prepare}
7383 \bidi@ensure@newcommand{\@threecolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnot
7384 \def\baselinestretch{\m@m@footnote@spacing}%
7385 \reset@font\LTRfoottextfont
7386 \preamfntext
7387 \protected@edef\@currentlabel{%
7388 \csname p@footnote\endcsname\@thefnmark}%
7389 \color@begingroup
7390 \@threecolLTRfootfmt{#1}%
7391 \color@endgroup}\m@mmf@prepare}
7392 \bidi@ensure@newcommand{\@threecolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
7393 \def\baselinestretch{\m@m@footnote@spacing}%
7394 \reset@font\RTLfoottextfont

```

```

7395 \@preamfntext
7396 \protected@edef\@currentlabel{%
7397   \csname p@footnote\endcsname\@thefnmark}%
7398 \color@begingroup
7399   \@threecolRTLfootfmt{#1}%
7400 \color@endgroup}\m@mmf@prepare}
7401 \bidi@ensure@newcommand{\@preamthreefmt}{%
7402   \hspace{.3\hspace}
7403   \parindent=\z@
7404   \tolerance=5000\relax
7405   \leavevmode}
7406 \bidi@ensure@newcommand{\@threecolfootfmt}[1]{%
7407   \@preamthreefmt
7408   {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
7409 \bidi@ensure@newcommand{\@threecolLTRfootfmt}[1]{%
7410   \@preamthreefmt
7411   {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
7412 \bidi@ensure@newcommand{\@threecolRTLfootfmt}[1]{%
7413   \@preamthreefmt
7414   {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
7415 \bidi@ensure@newcommand{\@mpthreecolfootnotetext}[1]{%
7416   \global\setbox\@mpfootinsv\@vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
7417     \unvbox\@mpfootinsv}
7418   \def\baselinestretch{\m@mm@footnote@spacing}%
7419   \reset@font\foottextfont
7420   \hspace\columnwidth \@parboxrestore
7421   \protected@edef\@currentlabel{%
7422     \csname p@mpfootnote\endcsname\@thefnmark}%
7423   \color@begingroup
7424     \@threecolfootfmt{#1}%
7425   \color@endgroup}\m@mmf@prepare}
7426 \bidi@ensure@newcommand{\@mpthreecolLTRfootnotetext}[1]{%
7427   \global\setbox\@mpfootinsv\@vbox{\@RTLfalse%
7428     \unvbox\@mpfootinsv}
7429   \def\baselinestretch{\m@mm@footnote@spacing}%
7430   \reset@font\LTRfoottextfont
7431   \hspace\columnwidth \@parboxrestore
7432   \if@RTLcolumnfootnotes\beginL\fi
7433   \protected@edef\@currentlabel{%
7434     \csname p@mpfootnote\endcsname\@thefnmark}%
7435   \color@begingroup
7436     \@threecolLTRfootfmt{#1}%
7437   \color@endgroup}\m@mmf@prepare}
7438 \bidi@ensure@newcommand{\@mpthreecolRTLfootnotetext}[1]{%
7439   \global\setbox\@mpfootinsv\@vbox{\@RTLtrue%
7440     \unvbox\@mpfootinsv}
7441   \def\baselinestretch{\m@mm@footnote@spacing}%
7442   \reset@font\RTLfoottextfont
7443   \hspace\columnwidth \@parboxrestore
7444   \protected@edef\@currentlabel{%

```

```

7445 \csname p@mpfootnote\endcsname\@thefnmark}%
7446 \color@begingroup
7447 \@threecolRTLfootfmt{#1}%
7448 \color@endgroup\m@mmf@prepare}
7449 \bidi@ensure@newcommand{\threecolumnfootstyle}[1]{%
7450 \m@make@threecolfootnotetext{#1}%
7451 \m@make@mpthreecolfootnotetext{#1}%
7452 \m@make@threecolfootfmt{#1}%
7453 \m@make@threecol@footgroup{#1}%
7454 \m@make@mpthreecol@footgroup{#1}%
7455 \m@make@footstart{#1}%
7456 \bidi@namelongdef{\footnotetext#1}##1{%
7457 \@nameuse{\threecolfootnotetext#1}{##1}}%
7458 \bidi@namelongdef{\mpfootnotetext#1}##1{%
7459 \@nameuse{\mpthreecolfootnotetext#1}{##1}}%
7460 \@namedef{\footgroup#1}{\@nameuse{\threecol@footgroup#1}}%
7461 \@namedef{\mpfootgroup#1}{\@nameuse{\mpthreecol@footgroup#1}}%
7462 \expandafter\dimen\csname footins#1\endcsname=3\footinsdim
7463 \expandafter\count\csname footins#1\endcsname=333\relax}
7464 \bidi@ensure@newcommand{\m@make@threecolfootnotetext}[1]{%
7465 \bidi@namelongdef{\threecolfootnotetext#1}##1{%
7466 \insert\@nameuse{footins#1}{%
7467 \def\baselinestretch{\m@m@footnote@spacing}%
7468 \reset@font\@nameuse{foottextfont#1}%
7469 \@preamfntext
7470 \protected@edef\@currentlabel{%
7471 \csname p@footnote#1\endcsname \@nameuse{\thefnmark#1}}%
7472 \color@begingroup
7473 \@nameuse{\threecolfootfmt#1}{##1}%
7474 \color@endgroup\m@mmf@prepare}}
7475 \bidi@ensure@newcommand{\m@make@mpthreecolfootnotetext}[1]{%
7476 \bidi@namelongdef{\mpthreecolfootnotetext#1}##1{%
7477 \global\setbox\@nameuse{\mpfootins#1}\vbox{%
7478 \unvbox\@nameuse{\mpfootins#1}
7479 \def\baselinestretch{\m@m@footnote@spacing}%
7480 \reset@font\@nameuse{foottextfont#1}%
7481 \hsize\columnwidth \@parboxrestore
7482 \protected@edef\@currentlabel{%
7483 \csname p@mpfootnote#1\endcsname\@nameuse{\thefnmark#1}}%
7484 \color@begingroup
7485 \@nameuse{\threecolfootfmt#1}{##1}%
7486 \color@endgroup\m@mmf@prepare}}
7487 \bidi@ensure@newcommand{\m@make@threecolfootfmt}[1]{%
7488 \bidi@namelongdef{\threecolfootfmt#1}##1{%
7489 \@preamthreefmt
7490 {\@nameuse{footfootmark#1}\strut
7491 {\@nameuse{foottextfont#1}##1}\strut\par}\allowbreak}}
7492 \bidi@ensure@newcommand{\m@make@threecol@footgroup}[1]{%
7493 \@namedef{\threecol@footgroup#1}{%
7494 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox

```

```

7495 \m@mrigidbalance{\@nameuse{footins#1}}{\thr@@}{\splittopskip}}}}
7496 \bidi@ensure@newcommand{\m@make@mpthreecol@footgroup}[1]{%
7497 \@namedef{mpthreecol@footgroup#1}{%
7498 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7499 \m@mrigidbalance{\@nameuse{mpfootins#1}}{\thr@@}{\splittopskip}}}}
7500 \bidi@ensure@newcommand{\fourcolumnfootnotes}{%
7501 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
7502 \let\@footnotetext\@fourcolfootnotetext
7503 \let\@LTRfootnotetext\@fourcolLTRfootnotetext
7504 \let\@RTLfootnotetext\@fourcolRTLfootnotetext
7505 \dimen\footinsv@r=4\footinsdim
7506 \count\footinsv@r=250\relax
7507 \m@make@fourcol@footgroup{v@r}%
7508 \let\@footgroupv@r\@fourcol@footgroupv@r
7509 \let\@mpfootnotetext\@mpfourcolfootnotetext
7510 \let\@mpLTRfootnotetext\@mpfourcolLTRfootnotetext
7511 \let\@mpRTLfootnotetext\@mpfourcolRTLfootnotetext
7512 \m@make@mpfourcol@footgroup{v@r}%
7513 \let\mp@footgroupv@r\@mpfourcol@footgroupv@r
7514 \bidi@ensure@newcommand{\@fourcolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtru
7515 \def\baselinestretch{\m@m@footnote@spacing}%
7516 \reset@font\foottextfont
7517 \@preamfntext
7518 \protected@edef\@currentlabel{%
7519 \csname p@footnote\endcsname\@thefnmark}%
7520 \color@begingroup
7521 \@fourcolfootfmt{#1}%
7522 \color@endgroup}%
7523 \m@mmf@prepare}
7524 \bidi@ensure@newcommand{\@fourcolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnote
7525 \def\baselinestretch{\m@m@footnote@spacing}%
7526 \reset@font\LTRfoottextfont
7527 \@preamfntext
7528 \protected@edef\@currentlabel{%
7529 \csname p@footnote\endcsname\@thefnmark}%
7530 \color@begingroup
7531 \@fourcolLTRfootfmt{#1}%
7532 \color@endgroup}%
7533 \m@mmf@prepare}
7534 \bidi@ensure@newcommand{\@fourcolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
7535 \def\baselinestretch{\m@m@footnote@spacing}%
7536 \reset@font\RTLfoottextfont
7537 \@preamfntext
7538 \protected@edef\@currentlabel{%
7539 \csname p@footnote\endcsname\@thefnmark}%
7540 \color@begingroup
7541 \@fourcolRTLfootfmt{#1}%
7542 \color@endgroup}%
7543 \m@mmf@prepare}
7544 \bidi@ensure@newcommand{\@preamfourfmt}{%

```

```

7545 \hsize .25\hsize
7546 \parindent=\z@
7547 \tolerance=5000\relax
7548 \leavevmode}
7549 \bidi@ensure@newcommand{\@fourcolfootfmt}[1]{%
7550 \@preamfourfmt
7551 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
7552 \bidi@ensure@newcommand{\@fourcolLTRfootfmt}[1]{%
7553 \@preamfourfmt
7554 {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
7555 \bidi@ensure@newcommand{\@fourcolRTLfootfmt}[1]{%
7556 \@preamfourfmt
7557 {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
7558 \bidi@ensure@newcommand{\@mpfourcolfootnotetext}[1]{%
7559 \global\setbox\@mpfootinsv\@r\@vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
7560 \unvbox\@mpfootinsv\@r
7561 \def\baselinestretch{\m@m@footnote@spacing}%
7562 \reset@font\foottextfont
7563 \hsize\columnwidth \@parboxrestore
7564 \protected@edef\@currentlabel{%
7565 \csname p@mpfootnote\endcsname\@thefnmark}%
7566 \color@begingroup
7567 \@fourcolfootfmt{#1}%
7568 \color@endgroup}%
7569 \m@m@m@prepare}
7570 \bidi@ensure@newcommand{\@mpfourcolLTRfootnotetext}[1]{%
7571 \global\setbox\@mpfootinsv\@r\@vbox{\@RTLfalse%
7572 \unvbox\@mpfootinsv\@r
7573 \def\baselinestretch{\m@m@footnote@spacing}%
7574 \reset@font\LTRfoottextfont
7575 \hsize\columnwidth \@parboxrestore
7576 \if@RTLcolumnfootnotes\beginL\fi
7577 \protected@edef\@currentlabel{%
7578 \csname p@mpfootnote\endcsname\@thefnmark}%
7579 \color@begingroup
7580 \@fourcolLTRfootfmt{#1}%
7581 \color@endgroup}%
7582 \m@m@m@prepare}
7583 \bidi@ensure@newcommand{\@mpfourcolRTLfootnotetext}[1]{%
7584 \global\setbox\@mpfootinsv\@r\@vbox{\@RTLtrue%
7585 \unvbox\@mpfootinsv\@r
7586 \def\baselinestretch{\m@m@footnote@spacing}%
7587 \reset@font\RTLfoottextfont
7588 \hsize\columnwidth \@parboxrestore
7589 \protected@edef\@currentlabel{%
7590 \csname p@mpfootnote\endcsname\@thefnmark}%
7591 \color@begingroup
7592 \@fourcolRTLfootfmt{#1}%
7593 \color@endgroup}%
7594 \m@m@m@prepare}

```



```

7595 \bidi@ensure@newcommand{\fourcolumnfootstyle}[1]{%
7596   \m@make@fourcolfootnotetext{#1}%
7597   \m@make@mpfourcolfootnotetext{#1}%
7598   \m@make@fourcolfootfmt{#1}%
7599   \m@make@fourcol@footgroup{#1}%
7600   \m@make@mpfourcol@footgroup{#1}%
7601   \m@make@footstart{#1}%
7602   \bidi@namelongdef{@footnotetext#1}##1{%
7603     \@nameuse{@fourcolfootnotetext#1}{##1}}%
7604   \bidi@namelongdef{@mpfootnotetext#1}##1{%
7605     \@nameuse{@mpfourcolfootnotetext#1}{##1}}%
7606   \@namedef{@footgroup#1}{\@nameuse{@fourcol@footgroup#1}}%
7607   \@namedef{mp@footgroup#1}{\@nameuse{@mpfourcol@footgroup#1}}%
7608   \expandafter\dimen\csname footins#1\endcsname=2\footinsdim
7609   \expandafter\count\csname footins#1\endcsname=500\relax}
7610 \bidi@ensure@newcommand{\m@make@fourcolfootnotetext}[1]{%
7611   \bidi@namelongdef{@fourcolfootnotetext#1}##1{%
7612     \insert\@nameuse{footins#1}{%
7613       \def\baselinestretch{\m@m@footnote@spacing}%
7614       \reset@font\@nameuse{foottextfont#1}%
7615       \@preamfntext
7616       \protected@edef\@currentlabel{%
7617         \csname p@footnote#1\endcsname \@nameuse{@thefnmark#1}}%
7618       \color@begingroup
7619         \@nameuse{@fourcolfootfmt#1}{##1}%
7620       \color@endgroup}%
7621     \m@mmf@prepare}}
7622 \bidi@ensure@newcommand{\m@make@mpfourcolfootnotetext}[1]{%
7623   \bidi@namelongdef{@mpfourcolfootnotetext#1}##1{%
7624     \global\setbox\@nameuse{@mpfootins#1}\vbox{%
7625       \unvbox\@nameuse{@mpfootins#1}
7626       \def\baselinestretch{\m@m@footnote@spacing}%
7627       \reset@font\@nameuse{foottextfont#1}%
7628       \hsize\columnwidth \@parboxrestore
7629       \protected@edef\@currentlabel{%
7630         \csname p@mpfootnote#1\endcsname\@nameuse{@thefnmark#1}}%
7631       \color@begingroup
7632         \@nameuse{@fourcolfootfmt#1}{##1}%
7633       \color@endgroup}\m@mmf@prepare}}
7634 \bidi@ensure@newcommand{\m@make@fourcolfootfmt}[1]{%
7635   \@namedef{@fourcolfootfmt#1}##1{%
7636     \@preamfourfmt
7637     {\@nameuse{footfootmark#1}\strut
7638      {\@nameuse{foottextfont#1}##1}\strut\par}\allowbreak}}
7639 \bidi@ensure@newcommand{\m@make@fourcol@footgroup}[1]{%
7640   \@namedef{@fourcol@footgroup#1}{%
7641     \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7642     \m@rmrigidbalance{\@nameuse{footins#1}}{4}{\splittopskip}}}}
7643 \bidi@ensure@newcommand{\m@make@mpfourcol@footgroup}[1]{%
7644   \@namedef{@mpfourcol@footgroup#1}{%

```

```

7645 \nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7646 \m@r rigidbalance{\nameuse{@mpfootins#1}}{4}{\splittopskip}}
7647 \bidi@ensure@newcommand{\fivecolumnfootnotes}{%
7648 \namedef{foottextfontv@r}{\foottextfont}% % [RS]
7649 \let\@footnotetext\@fivecolfootnotetext
7650 \let\@LTRfootnotetext\@fivecolLTRfootnotetext
7651 \let\@RTLfootnotetext\@fivecolRTLfootnotetext
7652 \dimen\footinsv@r=5\footinsdim
7653 \count\footinsv@r=200\relax
7654 \m@make@fivecol@footgroup{v@r}%
7655 \let\@footgroupv@r\@fivecol@footgroupv@r
7656 \let\@mpfootnotetext\@mpfivecolfootnotetext
7657 \let\@mpLTRfootnotetext\@mpfivecolLTRfootnotetext
7658 \let\@mpRTLfootnotetext\@mpfivecolRTLfootnotetext
7659 \m@make@mpfivecol@footgroup{v@r}%
7660 \let\mp@footgroupv@r\@mpfivecol@footgroupv@r
7661 \bidi@ensure@newcommand{\@fivecolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtru
7662 \def\baselinestretch{\m@m@footnote@spacing}%
7663 \reset@font\foottextfont
7664 \@preamfntext
7665 \protected@edef\@currentlabel{%
7666 \csname p@footnote\endcsname\@thefnmark}%
7667 \color@begingroup
7668 \@fivecolfootfmt{#1}%
7669 \color@endgroup}%
7670 \m@mmf@prepare}
7671 \bidi@ensure@newcommand{\@fivecolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnote
7672 \def\baselinestretch{\m@m@footnote@spacing}%
7673 \reset@font\LTRfoottextfont
7674 \@preamfntext
7675 \protected@edef\@currentlabel{%
7676 \csname p@footnote\endcsname\@thefnmark}%
7677 \color@begingroup
7678 \@fivecolLTRfootfmt{#1}%
7679 \color@endgroup}%
7680 \m@mmf@prepare}
7681 \bidi@ensure@newcommand{\@fivecolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
7682 \def\baselinestretch{\m@m@footnote@spacing}%
7683 \reset@font\RTLfoottextfont
7684 \@preamfntext
7685 \protected@edef\@currentlabel{%
7686 \csname p@footnote\endcsname\@thefnmark}%
7687 \color@begingroup
7688 \@fivecolRTLfootfmt{#1}%
7689 \color@endgroup}%
7690 \m@mmf@prepare}
7691 \bidi@ensure@newcommand{\@preamfivefmt}{%
7692 \hspace{.2\hspace}
7693 \parindent=\z@
7694 \tolerance=5000\relax

```

```

7695 \leavevmode}
7696 \bidi@ensure@newcommand{\@fivecolfootfmt}[1]{%
7697 \@preamfivefmt
7698 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
7699 \bidi@ensure@newcommand{\@fivecolLTRfootfmt}[1]{%
7700 \@preamfivefmt
7701 {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
7702 \bidi@ensure@newcommand{\@fivecolRTLfootfmt}[1]{%
7703 \@preamfivefmt
7704 {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
7705 \bidi@ensure@newcommand{\@mpfivecolfootnotetext}[1]{%
7706 \global\setbox\@mpfootinsv\@r\@vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
7707 \unvbox\@mpfootinsv\@r
7708 \def\baselinestretch{\m@m@footnote@spacing}%
7709 \reset@font\foottextfont
7710 \hsize\columnwidth \@parboxrestore
7711 \protected@edef\@currentlabel{%
7712 \csname p@mpfootnote\endcsname\@thefnmark}%
7713 \color@begingroup
7714 \@fivecolfootfmt{#1}%
7715 \color@endgroup}%
7716 \m@m@mpf@prepare}
7717 \bidi@ensure@newcommand{\@mpfivecolLTRfootnotetext}[1]{%
7718 \global\setbox\@mpfootinsv\@r\@vbox{\@RTLfalse%
7719 \unvbox\@mpfootinsv\@r
7720 \def\baselinestretch{\m@m@footnote@spacing}%
7721 \reset@font\LTRfoottextfont
7722 \hsize\columnwidth \@parboxrestore
7723 \if@RTLcolumnfootnotes\beginL\fi
7724 \protected@edef\@currentlabel{%
7725 \csname p@mpfootnote\endcsname\@thefnmark}%
7726 \color@begingroup
7727 \@fivecolLTRfootfmt{#1}%
7728 \color@endgroup}%
7729 \m@m@mpf@prepare}
7730 \bidi@ensure@newcommand{\@mpfivecolRTLfootnotetext}[1]{%
7731 \global\setbox\@mpfootinsv\@r\@vbox{\@RTLtrue%
7732 \unvbox\@mpfootinsv\@r
7733 \def\baselinestretch{\m@m@footnote@spacing}%
7734 \reset@font\RTLfoottextfont
7735 \hsize\columnwidth \@parboxrestore
7736 \protected@edef\@currentlabel{%
7737 \csname p@mpfootnote\endcsname\@thefnmark}%
7738 \color@begingroup
7739 \@fivecolRTLfootfmt{#1}%
7740 \color@endgroup}%
7741 \m@m@mpf@prepare}
7742 \bidi@ensure@newcommand{\fivecolumnfootstyle}[1]{%
7743 \m@make@fivecolfootnotetext{#1}%
7744 \m@make@mpfivecolfootnotetext{#1}%

```

```

7745 \m@make@fivecolfootfmt{#1}%
7746 \m@make@fivecol@footgroup{#1}%
7747 \m@make@mpfivecol@footgroup{#1}%
7748 \m@make@footstart{#1}%
7749 \bidi@namelongdef{@footnotetext#1}##1{%
7750     \@nameuse{@fivecolfootnotetext#1}{##1}}%
7751 \bidi@namelongdef{@mpfootnotetext#1}##1{%
7752     \@nameuse{@mpfivecolfootnotetext#1}{##1}}%
7753 \@namedef{@footgroup#1}{\@nameuse{@fivecol@footgroup#1}}%
7754 \@namedef{@mpfootgroup#1}{\@nameuse{@mpfivecol@footgroup#1}}%
7755 \expandafter\dimen\csname footins#1\endcsname=2\footinsdim
7756 \expandafter\count\csname footins#1\endcsname=500\relax}
7757 \bidi@ensure@newcommand{\m@make@fivecolfootnotetext}[1]{%
7758     \bidi@namelongdef{@fivecolfootnotetext#1}##1{%
7759         \insert\@nameuse{footins#1}{%
7760             \def\baselinestretch{\m@footnote@spacing}%
7761             \reset@font\@nameuse{foottextfont#1}%
7762             \@preamfntext
7763             \protected@edef\@currentlabel{%
7764                 \csname p@footnote#1\endcsname \@nameuse{@thefnmark#1}}%
7765             \color@begingroup
7766                 \@nameuse{@fivecolfootfmt#1}{##1}%
7767             \color@endgroup}%
7768             \m@mmf@prepare}}
7769 \bidi@ensure@newcommand{\m@make@mpfivecolfootnotetext}[1]{%
7770     \bidi@namelongdef{@mpfivecolfootnotetext#1}##1{%
7771         \global\setbox\@nameuse{@mpfootins#1}\vbox{%
7772             \unvbox\@nameuse{@mpfootins#1}
7773             \def\baselinestretch{\m@footnote@spacing}%
7774             \reset@font\@nameuse{foottextfont#1}%
7775             \hsize\columnwidth \@parboxrestore
7776             \protected@edef\@currentlabel{%
7777                 \csname p@mpfootnote#1\endcsname\@nameuse{@thefnmark#1}}%
7778             \color@begingroup
7779                 \@nameuse{@fivecolfootfmt#1}{##1}%
7780             \color@endgroup}\m@mmf@prepare}}
7781 \bidi@ensure@newcommand{\m@make@fivecolfootfmt}[1]{%
7782     \@namedef{@fivecolfootfmt#1}##1{%
7783         \@preamfivefmt
7784         {\@nameuse{footfootmark#1}\strut
7785         {\@nameuse{foottextfont#1}##1}\strut\par}\allowbreak}}
7786 \bidi@ensure@newcommand{\m@make@fivecol@footgroup}[1]{%
7787     \@namedef{@fivecol@footgroup#1}{%
7788         \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7789         \m@rrigidbalance{\@nameuse{footins#1}}{5}{\splittopskip}}}}
7790 \bidi@ensure@newcommand{\m@make@mpfivecol@footgroup}[1]{%
7791     \@namedef{@mpfivecol@footgroup#1}{%
7792         \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7793         \m@rrigidbalance{\@nameuse{@mpfootins#1}}{5}{\splittopskip}}}}
7794 \bidi@ensure@newcommand{\sixcolumnfootnotes}{%

```

```

7795 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
7796 \let\@footnotetext\@sixcolfootnotetext
7797 \let\@LTRfootnotetext\@sixcolLTRfootnotetext
7798 \let\@RTLfootnotetext\@sixcolRTLfootnotetext
7799 \dimen\footinsv@r=6\footinsdim
7800 \count\footinsv@r=166\relax
7801 \m@make@sixcol@footgroup{v@r}%
7802 \let\@footgroupv@r\@sixcol@footgroupv@r
7803 \let\@mpfootnotetext\@mpsixcolfootnotetext
7804 \let\@mpLTRfootnotetext\@mpsixcolLTRfootnotetext
7805 \let\@mpRTLfootnotetext\@mpsixcolRTLfootnotetext
7806 \m@make@mpsixcol@footgroup{v@r}%
7807 \let\mp@footgroupv@r\@mpsixcol@footgroupv@r
7808 \bidi@ensure@newcommand{\@sixcolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtrue%
7809 \def\baselinestretch{\m@m@footnote@spacing}%
7810 \reset@font\foottextfont
7811 \@preamfntext
7812 \protected@edef\@currentlabel{%
7813 \csname p@footnote\endcsname\@thefnmark}%
7814 \color@begingroup
7815 \@sixcolfootfmt{#1}%
7816 \color@endgroup}%
7817 \m@mmf@prepare}
7818 \bidi@ensure@newcommand{\@sixcolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnotes%
7819 \def\baselinestretch{\m@m@footnote@spacing}%
7820 \reset@font\LTRfoottextfont
7821 \@preamfntext
7822 \protected@edef\@currentlabel{%
7823 \csname p@footnote\endcsname\@thefnmark}%
7824 \color@begingroup
7825 \@sixcolLTRfootfmt{#1}%
7826 \color@endgroup}%
7827 \m@mmf@prepare}
7828 \bidi@ensure@newcommand{\@sixcolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
7829 \def\baselinestretch{\m@m@footnote@spacing}%
7830 \reset@font\RTLfoottextfont
7831 \@preamfntext
7832 \protected@edef\@currentlabel{%
7833 \csname p@footnote\endcsname\@thefnmark}%
7834 \color@begingroup
7835 \@sixcolRTLfootfmt{#1}%
7836 \color@endgroup}%
7837 \m@mmf@prepare}
7838 \bidi@ensure@newcommand{\@preamsixfmt}{%
7839 \hsize .16\hsize
7840 \parindent=\z@
7841 \tolerance=5000\relax
7842 \leavevmode}
7843 \bidi@ensure@newcommand{\@sixcolfootfmt}[1]{%
7844 \@preamsixfmt

```

```

7845 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
7846 \bidi@ensure@newcommand{\@sixcolLTRfootfmt}[1]{%
7847 \@preamsixfmt
7848 {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
7849 \bidi@ensure@newcommand{\@sixcolRTLfootfmt}[1]{%
7850 \@preamsixfmt
7851 {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
7852 \bidi@ensure@newcommand{\@mpsixcolfootnotetext}[1]{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi}
7853 \global\setbox\@mpfootinsv\@r\@vbox{%
7854 \unvbox\@mpfootinsv\@r
7855 \def\baselinestretch{\m@m@footnote@spacing}%
7856 \reset@font\foottextfont
7857 \hsize\columnwidth \@parboxrestore
7858 \protected@edef\@currentlabel{%
7859 \csname p@mpfootnote\endcsname\@thefnmark}%
7860 \color@begingroup
7861 \@sixcolfootfmt{#1}%
7862 \color@endgroup}%
7863 \m@m@m@prepare}
7864 \bidi@ensure@newcommand{\@mpsixcolLTRfootnotetext}[1]{\@RTLfalse%
7865 \global\setbox\@mpfootinsv\@r\@vbox{%
7866 \unvbox\@mpfootinsv\@r
7867 \def\baselinestretch{\m@m@footnote@spacing}%
7868 \reset@font\LTRfoottextfont
7869 \hsize\columnwidth \@parboxrestore
7870 \if@RTLcolumnfootnotes\beginL\fi
7871 \protected@edef\@currentlabel{%
7872 \csname p@mpfootnote\endcsname\@thefnmark}%
7873 \color@begingroup
7874 \@sixcolLTRfootfmt{#1}%
7875 \color@endgroup}%
7876 \m@m@m@prepare}
7877 \bidi@ensure@newcommand{\@mpsixcolRTLfootnotetext}[1]{\@RTLtrue%
7878 \global\setbox\@mpfootinsv\@r\@vbox{%
7879 \unvbox\@mpfootinsv\@r
7880 \def\baselinestretch{\m@m@footnote@spacing}%
7881 \reset@font\RTLfoottextfont
7882 \hsize\columnwidth \@parboxrestore
7883 \protected@edef\@currentlabel{%
7884 \csname p@mpfootnote\endcsname\@thefnmark}%
7885 \color@begingroup
7886 \@sixcolRTLfootfmt{#1}%
7887 \color@endgroup}%
7888 \m@m@m@prepare}
7889 \bidi@ensure@newcommand{\sixcolumnfootstyle}[1]{%
7890 \m@make@sixcolfootnotetext{#1}%
7891 \m@make@mpsixcolfootnotetext{#1}%
7892 \m@make@sixcolfootfmt{#1}%
7893 \m@make@sixcol@footgroup{#1}%
7894 \m@make@mpsixcol@footgroup{#1}%

```

```

7895 \m@make@footstart{#1}%
7896 \bidi@namelongdef{@footnotetext#1}##1{%
7897   \@nameuse{@sixcolfootnotetext#1}{##1}}%
7898 \bidi@namelongdef{@mpfootnotetext#1}##1{%
7899   \@nameuse{@mpsixcolfootnotetext#1}{##1}}%
7900 \@namedef{@footgroup#1}{\@nameuse{@sixcol@footgroup#1}}%
7901 \@namedef{@mp@footgroup#1}{\@nameuse{@mpsixcol@footgroup#1}}%
7902 \expandafter\dimen\csname footins#1\endcsname=2\footinsdim
7903 \expandafter\count\csname footins#1\endcsname=500\relax}
7904 \bidi@ensure@newcommand{\m@make@sixcolfootnotetext}[1]{%
7905   \bidi@namelongdef{@sixcolfootnotetext#1}##1{%
7906     \insert\@nameuse{footins#1}{%
7907       \def\baselinestretch{\m@m@footnote@spacing}%
7908       \reset@font\@nameuse{foottextfont#1}%
7909       \@preamfntext
7910       \protected@edef\@currentlabel{%
7911         \csname p@footnote#1\endcsname \@nameuse{@thefnmark#1}}%
7912       \color@begingroup
7913       \@nameuse{@sixcolfootfmt#1}{##1}%
7914       \color@endgroup}%
7915       \m@m@mmf@prepare}}
7916 \bidi@ensure@newcommand{\m@make@mpsixcolfootnotetext}[1]{%
7917   \bidi@namelongdef{@mpsixcolfootnotetext#1}##1{%
7918     \global\setbox\@nameuse{@mpfootins#1}\vbox{%
7919       \unvbox\@nameuse{@mpfootins#1}
7920       \def\baselinestretch{\m@m@footnote@spacing}%
7921       \reset@font\@nameuse{foottextfont#1}%
7922       \hsize\columnwidth \@parboxrestore
7923       \protected@edef\@currentlabel{%
7924         \csname p@mpfootnote#1\endcsname\@nameuse{@thefnmark#1}}%
7925       \color@begingroup
7926       \@nameuse{@sixcolfootfmt#1}{##1}%
7927       \color@endgroup}\m@m@mmf@prepare}}
7928 \bidi@ensure@newcommand{\m@make@sixcolfootfmt}[1]{%
7929   \@namedef{@sixcolfootfmt#1}##1{%
7930     \@preamsixfmt
7931     {\@nameuse{footfootmark#1}\strut
7932      {\@nameuse{foottextfont#1}##1}\strut\par}\allowbreak}}
7933 \bidi@ensure@newcommand{\m@make@sixcol@footgroup}[1]{%
7934   \@namedef{@sixcol@footgroup#1}{%
7935     \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7936     \m@mrigidbalance{\@nameuse{footins#1}}{6}{\splittopskip}}}%
7937 \bidi@ensure@newcommand{\m@make@mpsixcol@footgroup}[1]{%
7938   \@namedef{@mpsixcol@footgroup#1}{%
7939     \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7940     \m@mrigidbalance{\@nameuse{@mpfootins#1}}{6}{\splittopskip}}}%
7941 \bidi@ensure@newcommand{\sevendcolumnfootnotes}{%
7942   \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
7943   \let\@footnotetext\@sevendcolumnfootnotetext
7944   \let\@LTRfootnotetext\@sevendcolumnLTRfootnotetext

```

```

7945 \let\@RTLfootnotetext\@sevenscolRTLfootnotetext
7946 \dimen\footinsv@r=7\footinsdim
7947 \count\footinsv@r=142\relax
7948 \m@make@sevenscol@footgroup{v@r}%
7949 \let\@footgroupv@r\@sevenscol@footgroupv@r
7950 \let\@mpfootnotetext\@mpsevenscolfootnotetext
7951 \let\@mpLTRfootnotetext\@mpsevenscolLTRfootnotetext
7952 \let\@mpRTLfootnotetext\@mpsevenscolRTLfootnotetext
7953 \m@make@mpsevenscol@footgroup{v@r}%
7954 \let\mp@footgroupv@r\@mpsevenscol@footgroupv@r
7955 \bidi@ensure@newcommand{\@sevenscolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtr
7956 \def\baselinestretch{\m@m@footnote@spacing}%
7957 \reset@font\foottextfont
7958 \@preamfntext
7959 \protected@edef\@currentlabel{%
7960 \csname p@footnote\endcsname\@thefnmark}%
7961 \color@begingroup
7962 \@sevenscolfootfmt{#1}%
7963 \color@endgroup}%
7964 \m@mmf@prepare}
7965 \bidi@ensure@newcommand{\@sevenscolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnot
7966 \def\baselinestretch{\m@m@footnote@spacing}%
7967 \reset@font\LTRfoottextfont
7968 \@preamfntext
7969 \protected@edef\@currentlabel{%
7970 \csname p@footnote\endcsname\@thefnmark}%
7971 \color@begingroup
7972 \@sevenscolLTRfootfmt{#1}%
7973 \color@endgroup}%
7974 \m@mmf@prepare}
7975 \bidi@ensure@newcommand{\@sevenscolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
7976 \def\baselinestretch{\m@m@footnote@spacing}%
7977 \reset@font\RTLfoottextfont
7978 \@preamfntext
7979 \protected@edef\@currentlabel{%
7980 \csname p@footnote\endcsname\@thefnmark}%
7981 \color@begingroup
7982 \@sevenscolRTLfootfmt{#1}%
7983 \color@endgroup}%
7984 \m@mmf@prepare}
7985 \bidi@ensure@newcommand{\@preamsevenfmt}{%
7986 \hsize .142\hsize
7987 \parindent=\z@
7988 \tolerance=5000\relax
7989 \leavevmode}
7990 \bidi@ensure@newcommand{\@sevenscolfootfmt}[1]{%
7991 \@preamsevenfmt
7992 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
7993 \bidi@ensure@newcommand{\@sevenscolLTRfootfmt}[1]{%
7994 \@preamsevenfmt

```



```

7995 {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
7996 \bidi@ensure@newcommand{\@sevenscolRTLfootfmt}[1]{%
7997   \@preamsevenfmt
7998   {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
7999 \bidi@ensure@newcommand{\@mpsevencolfootnotetext}[1]{\if@RTL@footnote\@RTLtrue\else\@RTLfalse%
8000   \global\setbox\@mpfootinsv@r\vbox{%
8001     \unvbox\@mpfootinsv@r
8002     \def\baselinestretch{\m@m@footnote@spacing}%
8003     \reset@font\foottextfont
8004     \hsize\columnwidth \@parboxrestore
8005     \protected@edef\@currentlabel{%
8006       \csname p@mpfootnote\endcsname\@thefnmark}%
8007     \color@begingroup
8008       \@sevenscolfootfmt{#1}%
8009     \color@endgroup}%
8010   \m@mmf@prepare}
8011 \bidi@ensure@newcommand{\@mpsevencolLTRfootnotetext}[1]{\@RTLfalse%
8012   \global\setbox\@mpfootinsv@r\vbox{%
8013     \unvbox\@mpfootinsv@r
8014     \def\baselinestretch{\m@m@footnote@spacing}%
8015     \reset@font\LTRfoottextfont
8016     \hsize\columnwidth \@parboxrestore
8017     \if@RTLcolumnfootnotes\beginL\fi
8018     \protected@edef\@currentlabel{%
8019       \csname p@mpfootnote\endcsname\@thefnmark}%
8020     \color@begingroup
8021       \@sevenscolLTRfootfmt{#1}%
8022     \color@endgroup}%
8023   \m@mmf@prepare}
8024 \bidi@ensure@newcommand{\@mpsevencolRTLfootnotetext}[1]{\@RTLtrue%
8025   \global\setbox\@mpfootinsv@r\vbox{%
8026     \unvbox\@mpfootinsv@r
8027     \def\baselinestretch{\m@m@footnote@spacing}%
8028     \reset@font\RTLfoottextfont
8029     \hsize\columnwidth \@parboxrestore
8030     \protected@edef\@currentlabel{%
8031       \csname p@mpfootnote\endcsname\@thefnmark}%
8032     \color@begingroup
8033       \@sevenscolRTLfootfmt{#1}%
8034     \color@endgroup}%
8035   \m@mmf@prepare}
8036 \bidi@ensure@newcommand{\sevenscolumnfootstyle}[1]{%
8037   \m@make@sevenscolfootnotetext{#1}%
8038   \m@make@mpsevencolfootnotetext{#1}%
8039   \m@make@sevenscolfootfmt{#1}%
8040   \m@make@sevenscol@footgroup{#1}%
8041   \m@make@mpsevencol@footgroup{#1}%
8042   \m@make@footstart{#1}%
8043   \bidi@namelongdef{\footnotetext#1}##1{%
8044     \@nameuse{\@sevenscolfootnotetext#1}{##1}}%

```

```

8045 \bidi@namelongdef{@mpfootnotetext#1}##1{%
8046 \@nameuse{@mpsevenscolfootnotetext#1}{##1}}%
8047 \@namedef{@footgroup#1}{\@nameuse{@sevenscol@footgroup#1}}%
8048 \@namedef{mp@footgroup#1}{\@nameuse{@mpsevenscol@footgroup#1}}%
8049 \expandafter\dimen\csname footins#1\endcsname=2\footinsdim
8050 \expandafter\count\csname footins#1\endcsname=500\relax}
8051 \bidi@ensure@newcommand{\m@make@sevenscolfootnotetext}[1]{%
8052 \bidi@namelongdef{@sevenscolfootnotetext#1}##1{%
8053 \insert\@nameuse{footins#1}{%
8054 \def\baselinestretch{\m@footnote@spacing}%
8055 \reset@font\@nameuse{foottextfont#1}%
8056 \@preamfntext
8057 \protected@edef\@currentlabel{%
8058 \csname p@footnote#1\endcsname \@nameuse{@thefnmark#1}}%
8059 \color@begingroup
8060 \@nameuse{@sevenscolfootfmt#1}{##1}%
8061 \color@endgroup}%
8062 \m@mmf@prepare}}
8063 \bidi@ensure@newcommand{\m@make@mpsevenscolfootnotetext}[1]{%
8064 \bidi@namelongdef{@mpsevenscolfootnotetext#1}##1{%
8065 \global\setbox\@nameuse{@mpfootins#1}\vbox{%
8066 \unvbox\@nameuse{@mpfootins#1}
8067 \def\baselinestretch{\m@footnote@spacing}%
8068 \reset@font\@nameuse{foottextfont#1}%
8069 \hsize\columnwidth \@parboxrestore
8070 \protected@edef\@currentlabel{%
8071 \csname p@mpfootnote#1\endcsname\@nameuse{@thefnmark#1}}%
8072 \color@begingroup
8073 \@nameuse{@sevenscolfootfmt#1}{##1}%
8074 \color@endgroup}\m@mmf@prepare}}
8075 \bidi@ensure@newcommand{\m@make@sevenscolfootfmt}[1]{%
8076 \@namedef{@sevenscolfootfmt#1}##1{%
8077 \@preamsevenfmt
8078 {\@nameuse{footfootmark#1}\strut
8079 {\@nameuse{foottextfont#1}##1}\strut\par}\allowbreak}}
8080 \bidi@ensure@newcommand{\m@make@sevenscol@footgroup}[1]{%
8081 \@namedef{@sevenscol@footgroup#1}{%
8082 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
8083 \m@mrigidbodybalance{\@nameuse{footins#1}}{7}{\splittopskip}}}}
8084 \bidi@ensure@newcommand{\m@make@mpsevenscol@footgroup}[1]{%
8085 \@namedef{@mpsevenscol@footgroup#1}{%
8086 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
8087 \m@mrigidbodybalance{\@nameuse{@mpfootins#1}}{7}{\splittopskip}}}}
8088 \bidi@ensure@newcommand{\eightcolumnfootnotes}{%
8089 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
8090 \let\@footnotetext\@eightcolfootnotetext
8091 \let\@LTRfootnotetext\@eightcolLTRfootnotetext
8092 \let\@RTLfootnotetext\@eightcolRTLfootnotetext
8093 \dimen\footinsv@r=8\footinsdim
8094 \count\footinsv@r=125\relax

```

```

8095 \m@make@eightcol@footgroup{v@r}%
8096 \let\@footgroupv@r\@eightcol@footgroupv@r
8097 \let\@mpfootnotetext\@mpeightcolfootnotetext
8098 \let\@mpLTRfootnotetext\@mpeightcolLTRfootnotetext
8099 \let\@mpRTLfootnotetext\@mpeightcolRTLfootnotetext
8100 \m@make@mpeightcol@footgroup{v@r}%
8101 \let\mp@footgroupv@r\@mpeightcol@footgroupv@r
8102 \bidi@ensure@newcommand{\@eightcolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtr
8103 \def\baselinestretch{\m@m@footnote@spacing}%
8104 \reset@font\foottextfont
8105 \@preamfntext
8106 \protected@edef\@currentlabel{%
8107 \csname p@footnote\endcsname\@thefnmark}%
8108 \color@begingroup
8109 \@eightcolfootfmt{#1}%
8110 \color@endgroup}%
8111 \m@mmf@prepare}
8112 \bidi@ensure@newcommand{\@eightcolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnot
8113 \def\baselinestretch{\m@m@footnote@spacing}%
8114 \reset@font\LTRfoottextfont
8115 \@preamfntext
8116 \protected@edef\@currentlabel{%
8117 \csname p@footnote\endcsname\@thefnmark}%
8118 \color@begingroup
8119 \@eightcolLTRfootfmt{#1}%
8120 \color@endgroup}%
8121 \m@mmf@prepare}
8122 \bidi@ensure@newcommand{\@eightcolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
8123 \def\baselinestretch{\m@m@footnote@spacing}%
8124 \reset@font\RTLfoottextfont
8125 \@preamfntext
8126 \protected@edef\@currentlabel{%
8127 \csname p@footnote\endcsname\@thefnmark}%
8128 \color@begingroup
8129 \@eightcolRTLfootfmt{#1}%
8130 \color@endgroup}%
8131 \m@mmf@prepare}
8132 \bidi@ensure@newcommand{\@preameightfmt}{%
8133 \hsize .125\hsize
8134 \parindent=\z@
8135 \tolerance=5000\relax
8136 \leavevmode}
8137 \bidi@ensure@newcommand{\@eightcolfootfmt}[1]{%
8138 \@preameightfmt
8139 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
8140 \bidi@ensure@newcommand{\@eightcolLTRfootfmt}[1]{%
8141 \@preameightfmt
8142 {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
8143 \bidi@ensure@newcommand{\@eightcolRTLfootfmt}[1]{%
8144 \@preameightfmt

```

```

8145 {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
8146 \bidi@ensure@newcommand{\@mpeightcolfootnotetext}[1]{%
8147 \global\setbox\@mpfootinsv@r\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
8148 \unvbox\@mpfootinsv@r
8149 \def\baselinestretch{\m@m@footnote@spacing}%
8150 \reset@font\foottextfont
8151 \hsize\columnwidth \@parboxrestore
8152 \protected@edef\@currentlabel{%
8153 \csname p@mpfootnote\endcsname\@thefnmark}%
8154 \color@begingroup
8155 \@eightcolfootfmt{#1}%
8156 \color@endgroup}%
8157 \m@m@m@prepare}
8158 \bidi@ensure@newcommand{\@mpeightcolLTRfootnotetext}[1]{%
8159 \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
8160 \unvbox\@mpfootinsv@r
8161 \def\baselinestretch{\m@m@footnote@spacing}%
8162 \reset@font\LTRfoottextfont
8163 \hsize\columnwidth \@parboxrestore
8164 \if@RTLcolumnfootnotes\beginL\fi
8165 \protected@edef\@currentlabel{%
8166 \csname p@mpfootnote\endcsname\@thefnmark}%
8167 \color@begingroup
8168 \@eightcolLTRfootfmt{#1}%
8169 \color@endgroup}%
8170 \m@m@m@prepare}
8171 \bidi@ensure@newcommand{\@mpeightcolRTLfootnotetext}[1]{%
8172 \global\setbox\@mpfootinsv@r\vbox{\@RTLtrue%
8173 \unvbox\@mpfootinsv@r
8174 \def\baselinestretch{\m@m@footnote@spacing}%
8175 \reset@font\RTLfoottextfont
8176 \hsize\columnwidth \@parboxrestore
8177 \protected@edef\@currentlabel{%
8178 \csname p@mpfootnote\endcsname\@thefnmark}%
8179 \color@begingroup
8180 \@eightcolRTLfootfmt{#1}%
8181 \color@endgroup}%
8182 \m@m@m@prepare}
8183 \bidi@ensure@newcommand{\eightcolumnfootstyle}[1]{%
8184 \m@make@eightcolfootnotetext{#1}%
8185 \m@make@mpeightcolfootnotetext{#1}%
8186 \m@make@eightcolfootfmt{#1}%
8187 \m@make@eightcol@footgroup{#1}%
8188 \m@make@mpeightcol@footgroup{#1}%
8189 \m@make@footstart{#1}%
8190 \bidi@namelongdef{\footnotetext#1}##1{%
8191 \@nameuse{\@eightcolfootnotetext#1}{##1}}%
8192 \bidi@namelongdef{\mpfootnotetext#1}##1{%
8193 \@nameuse{\@mpeightcolfootnotetext#1}{##1}}%
8194 \@namedef{\@footgroup#1}{\@nameuse{\@eightcol@footgroup#1}}%

```

```

8195 \namedef{mp@footgroup#1}{\@nameuse{@mpeightcol@footgroup#1}}%
8196 \expandafter\dimen\csname footins#1\endcsname=2\footinsdim
8197 \expandafter\count\csname footins#1\endcsname=500\relax}
8198 \bidi@ensure@newcommand{\m@make@eightcolfootnotetext}[1]{%
8199 \bidi@namelongdef{@eightcolfootnotetext#1}##1{%
8200 \insert\@nameuse{footins#1}{%
8201 \def\baselinestretch{\m@m@footnote@spacing}%
8202 \reset@font\@nameuse{foottextfont#1}%
8203 \@preamfntext
8204 \protected@edef\@currentlabel{%
8205 \csname p@footnote#1\endcsname \@nameuse{@thefnmark#1}}%
8206 \color@begingroup
8207 \@nameuse{@eightcolfootfmt#1}##1}%
8208 \color@endgroup}%
8209 \m@mmf@prepare}}
8210 \bidi@ensure@newcommand{\m@make@mpeightcolfootnotetext}[1]{%
8211 \bidi@namelongdef{@mpeightcolfootnotetext#1}##1{%
8212 \global\setbox\@nameuse{@mpfootins#1}\vbox{%
8213 \unvbox\@nameuse{@mpfootins#1}
8214 \def\baselinestretch{\m@m@footnote@spacing}%
8215 \reset@font\@nameuse{foottextfont#1}%
8216 \hsize\columnwidth \@parboxrestore
8217 \protected@edef\@currentlabel{%
8218 \csname p@mpfootnote#1\endcsname\@nameuse{@thefnmark#1}}%
8219 \color@begingroup
8220 \@nameuse{@eightcolfootfmt#1}##1}%
8221 \color@endgroup}\m@mmf@prepare}}
8222 \bidi@ensure@newcommand{\m@make@eightcolfootfmt}[1]{%
8223 \namedef{@eightcolfootfmt#1}##1{%
8224 \@preameightfmt
8225 {\@nameuse{footfootmark#1}\strut
8226 {\@nameuse{foottextfont#1}##1}\strut\par}\allowbreak}}
8227 \bidi@ensure@newcommand{\m@make@eightcol@footgroup}[1]{%
8228 \namedef{@eightcol@footgroup#1}{%
8229 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
8230 \m@mrigidbalance{\@nameuse{footins#1}}{8}{\splittopskip}}}}
8231 \bidi@ensure@newcommand{\m@make@mpeightcol@footgroup}[1]{%
8232 \namedef{@mpeightcol@footgroup#1}{%
8233 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
8234 \m@mrigidbalance{\@nameuse{@mpfootins#1}}{8}{\splittopskip}}}}
8235 \bidi@ensure@newcommand{\necolumnfootnotes}{%
8236 \namedef{foottextfontv@r}{\foottextfont}% % [RS]
8237 \let\@footnotetext\@ninecolfootnotetext
8238 \let\@LTRfootnotetext\@ninecolLTRfootnotetext
8239 \let\@RTLfootnotetext\@ninecolRTLfootnotetext
8240 \dimen\footinsv@r=9\footinsdim
8241 \count\footinsv@r=111\relax
8242 \m@make@ninecol@footgroup{v@r}%
8243 \let\@footgroupv@r\@ninecol@footgroupv@r
8244 \let\@mpfootnotetext\@mpninecolfootnotetext

```

```

8245 \let\@mpLTRfootnotetext\@mpninelcolLTRfootnotetext
8246 \let\@mpRTLfootnotetext\@mpninelcolRTLfootnotetext
8247 \m@make@mpninelcol@footgroup{v@r}%
8248 \let\mp@footgroupv@r\@mpninelcol@footgroupv@r}
8249 \bidi@ensure@newcommand{\@ninelcolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtru
8250 \def\baselinestretch{\m@m@footnote@spacing}%
8251 \reset@font\foottextfont
8252 \@preamfntext
8253 \protected@edef\@currentlabel{%
8254 \csname p@footnote\endcsname\@thefnmark}%
8255 \color@begingroup
8256 \@ninelcolfootfmt{#1}%
8257 \color@endgroup}%
8258 \m@mmf@prepare}
8259 \bidi@ensure@newcommand{\@ninelcolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnote
8260 \def\baselinestretch{\m@m@footnote@spacing}%
8261 \reset@font\LTRfoottextfont
8262 \@preamfntext
8263 \protected@edef\@currentlabel{%
8264 \csname p@footnote\endcsname\@thefnmark}%
8265 \color@begingroup
8266 \@ninelcolLTRfootfmt{#1}%
8267 \color@endgroup}%
8268 \m@mmf@prepare}
8269 \bidi@ensure@newcommand{\@ninelcolRTLfootnotetext}[1]{\insert\footinsv@r{\if@RTLtrue%
8270 \def\baselinestretch{\m@m@footnote@spacing}%
8271 \reset@font\RTLfoottextfont
8272 \@preamfntext
8273 \protected@edef\@currentlabel{%
8274 \csname p@footnote\endcsname\@thefnmark}%
8275 \color@begingroup
8276 \@ninelcolRTLfootfmt{#1}%
8277 \color@endgroup}%
8278 \m@mmf@prepare}
8279 \bidi@ensure@newcommand{\@preamninelmt}{%
8280 \hspace{.1\hspace}
8281 \parindent=\z@
8282 \tolerance=5000\relax
8283 \leavevmode}
8284 \bidi@ensure@newcommand{\@ninelcolfootfmt}[1]{%
8285 \@preamninelmt
8286 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
8287 \bidi@ensure@newcommand{\@ninelcolLTRfootfmt}[1]{%
8288 \@preamninelmt
8289 {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
8290 \bidi@ensure@newcommand{\@ninelcolRTLfootfmt}[1]{%
8291 \@preamninelmt
8292 {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
8293 \bidi@ensure@newcommand{\@mpninelcolfootnotetext}[1]{%
8294 \global\setbox\@mpfootinsv@r\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%

```

```

8295 \unvbox\@mpfootinsv@r
8296 \def\baselinestretch{\m@m@footnote@spacing}%
8297 \reset@font\foottextfont
8298 \hsize\columnwidth \@parboxrestore
8299 \protected@edef\@currentlabel{%
8300 \csname p@mpfootnote\endcsname\@thefnmark}%
8301 \color@begingroup
8302 \@ninecolfootfmt{#1}%
8303 \color@endgroup}%
8304 \m@mmf@prepare}
8305 \bidi@ensure@newcommand{\@mpninecolLTRfootnotetext}[1]{%
8306 \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
8307 \unvbox\@mpfootinsv@r
8308 \def\baselinestretch{\m@m@footnote@spacing}%
8309 \reset@font\LTRfoottextfont
8310 \hsize\columnwidth \@parboxrestore
8311 \if@RTLcolumnfootnotes\beginL\fi
8312 \protected@edef\@currentlabel{%
8313 \csname p@mpfootnote\endcsname\@thefnmark}%
8314 \color@begingroup
8315 \@ninecolLTRfootfmt{#1}%
8316 \color@endgroup}%
8317 \m@mmf@prepare}
8318 \bidi@ensure@newcommand{\@mpninecolRTLfootnotetext}[1]{%
8319 \global\setbox\@mpfootinsv@r\vbox{\@RTLtrue%
8320 \unvbox\@mpfootinsv@r
8321 \def\baselinestretch{\m@m@footnote@spacing}%
8322 \reset@font\RTLfoottextfont
8323 \hsize\columnwidth \@parboxrestore
8324 \protected@edef\@currentlabel{%
8325 \csname p@mpfootnote\endcsname\@thefnmark}%
8326 \color@begingroup
8327 \@ninecolRTLfootfmt{#1}%
8328 \color@endgroup}%
8329 \m@mmf@prepare}
8330 \bidi@ensure@newcommand{\ninecolumnfootstyle}[1]{%
8331 \m@make@ninecolfootnotetext{#1}%
8332 \m@make@mpninecolfootnotetext{#1}%
8333 \m@make@ninecolfootfmt{#1}%
8334 \m@make@ninecol@footgroup{#1}%
8335 \m@make@mpninecol@footgroup{#1}%
8336 \m@make@footstart{#1}%
8337 \bidi@namelongdef{\footnotetext#1}##1{%
8338 \@nameuse{\@ninecolfootnotetext#1}{##1}}%
8339 \bidi@namelongdef{\mpfootnotetext#1}##1{%
8340 \@nameuse{\@mpninecolfootnotetext#1}{##1}}%
8341 \@namedef{\@footgroup#1}{\@nameuse{\@ninecol@footgroup#1}}%
8342 \@namedef{\mp@footgroup#1}{\@nameuse{\@mpninecol@footgroup#1}}%
8343 \expandafter\dimen\csname footins#1\endcsname=2\footinsdim
8344 \expandafter\count\csname footins#1\endcsname=500\relax}

```

```

8345 \bidi@ensure@newcommand{\m@make@ninecolfootnotetext}[1]{%
8346   \bidi@namelongdef{@ninecolfootnotetext#1}##1{%
8347     \insert@nameuse{footins#1}{%
8348       \def\baselinestretch{\m@make@footnote@spacing}%
8349       \reset@font\@nameuse{foottextfont#1}%
8350       \@preamfntext
8351       \protected@edef\@currentlabel{%
8352         \csname p@footnote#1\endcsname \@nameuse{@thefnmark#1}}%
8353       \color@begingroup
8354         \@nameuse{@ninecolfootfmt#1}{##1}%
8355       \color@endgroup}%
8356     \m@mmf@prepare}}
8357 \bidi@ensure@newcommand{\m@make@mpninecolfootnotetext}[1]{%
8358   \bidi@namelongdef{@mpninecolfootnotetext#1}##1{%
8359     \global\setbox\@nameuse{@mpfootins#1}\vbox{%
8360       \unvbox\@nameuse{@mpfootins#1}
8361       \def\baselinestretch{\m@make@footnote@spacing}%
8362       \reset@font\@nameuse{foottextfont#1}%
8363       \hsize\columnwidth \@parboxrestore
8364       \protected@edef\@currentlabel{%
8365         \csname p@mpfootnote#1\endcsname \@nameuse{@thefnmark#1}}%
8366       \color@begingroup
8367         \@nameuse{@ninecolfootfmt#1}{##1}%
8368       \color@endgroup}\m@mmf@prepare}}
8369 \bidi@ensure@newcommand{\m@make@ninecolfootfmt}[1]{%
8370   \@namedef{@ninecolfootfmt#1}##1{%
8371     \@preamninefmt
8372     {\@nameuse{footfootmark#1}\strut
8373      {\@nameuse{foottextfont#1}##1}\strut\par\allowbreak}}
8374 \bidi@ensure@newcommand{\m@make@ninecol@footgroup}[1]{%
8375   \@namedef{@ninecol@footgroup#1}{%
8376     \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
8377     \m@mrigidbodybalance{\@nameuse{footins#1}}{9}{\splittopskip}}}%
8378 \bidi@ensure@newcommand{\m@make@mpninecol@footgroup}[1]{%
8379   \@namedef{@mpninecol@footgroup#1}{%
8380     \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
8381     \m@mrigidbodybalance{\@nameuse{mpfootins#1}}{9}{\splittopskip}}}%
8382 \bidi@ensure@newcommand{\tencolumnfootnotes}{%
8383   \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
8384   \let\@footnotetext\@tencolfootnotetext
8385   \let\@LTRfootnotetext\@tencolLTRfootnotetext
8386   \let\@RTLfootnotetext\@tencolRTLfootnotetext
8387   \dimen\footinsv@r=10\footinsdim
8388   \count\footinsv@r=100\relax
8389   \m@make@tencol@footgroup{v@r}%
8390   \let\@footgroupv@r\@tencol@footgroupv@r
8391   \let\@mpfootnotetext\@mptencolfootnotetext
8392   \let\@mpLTRfootnotetext\@mptencolLTRfootnotetext
8393   \let\@mpRTLfootnotetext\@mptencolRTLfootnotetext
8394   \m@make@mptencol@footgroup{v@r}%

```



```

8395 \let\mp@footgroupv@r\@mptencol@footgroupv@r}
8396 \bidi@ensure@newcommand{\@tencolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtrue%
8397 \def\baselinestretch{\m@m@footnote@spacing}%
8398 \reset@font\foottextfont
8399 \@preamfntext
8400 \protected@edef\@currentlabel{%
8401 \csname p@footnote\endcsname\@thefnmark}%
8402 \color@begingroup
8403 \@tencolfootfmt{#1}%
8404 \color@endgroup}%
8405 \m@mmf@prepare}
8406 \bidi@ensure@newcommand{\@tencolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnotes%
8407 \def\baselinestretch{\m@m@footnote@spacing}%
8408 \reset@font\LTRfoottextfont
8409 \@preamfntext
8410 \protected@edef\@currentlabel{%
8411 \csname p@footnote\endcsname\@thefnmark}%
8412 \color@begingroup
8413 \@tencolLTRfootfmt{#1}%
8414 \color@endgroup}%
8415 \m@mmf@prepare}
8416 \bidi@ensure@newcommand{\@tencolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
8417 \def\baselinestretch{\m@m@footnote@spacing}%
8418 \reset@font\RTLfoottextfont
8419 \@preamfntext
8420 \protected@edef\@currentlabel{%
8421 \csname p@footnote\endcsname\@thefnmark}%
8422 \color@begingroup
8423 \@tencolRTLfootfmt{#1}%
8424 \color@endgroup}%
8425 \m@mmf@prepare}
8426 \bidi@ensure@newcommand{\@preamtenfmt}{%
8427 \hspace{.1\hspace}
8428 \parindent=\z@
8429 \tolerance=5000\relax
8430 \leavevmode}
8431 \bidi@ensure@newcommand{\@tencolfootfmt}[1]{%
8432 \@preamtenfmt
8433 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
8434 \bidi@ensure@newcommand{\@tencolLTRfootfmt}[1]{%
8435 \@preamtenfmt
8436 {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
8437 \bidi@ensure@newcommand{\@tencolRTLfootfmt}[1]{%
8438 \@preamtenfmt
8439 {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
8440 \bidi@ensure@newcommand{\@mptencolfootnotetext}[1]{%
8441 \global\setbox\@mpfootinsv@r\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
8442 \unvbox\@mpfootinsv@r
8443 \def\baselinestretch{\m@m@footnote@spacing}%
8444 \reset@font\foottextfont

```

```

8445 \hsize\columnwidth \@parboxrestore
8446 \protected@edef\@currentlabel{%
8447 \csname p@mpfootnote\endcsname\@thefnmark}%
8448 \color@begingroup
8449 \@tencolfootfmt{#1}%
8450 \color@endgroup}%
8451 \m@mmf@prepare}
8452 \bidi@ensure@newcommand{\@mptencolLTRfootnotetext}[1]{%
8453 \global\setbox\@mpfootinsv\@vbox{\@RTLfalse%
8454 \unvbox\@mpfootinsv@r
8455 \def\baselinestretch{\m@mm@footnote@spacing}%
8456 \reset@font\LTRfoottextfont
8457 \hsize\columnwidth \@parboxrestore
8458 \if@RTLcolumnfootnotes\beginL\fi
8459 \protected@edef\@currentlabel{%
8460 \csname p@mpfootnote\endcsname\@thefnmark}%
8461 \color@begingroup
8462 \@tencolLTRfootfmt{#1}%
8463 \color@endgroup}%
8464 \m@mmf@prepare}
8465 \bidi@ensure@newcommand{\@mptencolRTLfootnotetext}[1]{%
8466 \global\setbox\@mpfootinsv\@vbox{\@RTLtrue%
8467 \unvbox\@mpfootinsv@r
8468 \def\baselinestretch{\m@mm@footnote@spacing}%
8469 \reset@font\RTLfoottextfont
8470 \hsize\columnwidth \@parboxrestore
8471 \protected@edef\@currentlabel{%
8472 \csname p@mpfootnote\endcsname\@thefnmark}%
8473 \color@begingroup
8474 \@tencolRTLfootfmt{#1}%
8475 \color@endgroup}%
8476 \m@mmf@prepare}
8477 \bidi@ensure@newcommand{\tencolumnfootstyle}[1]{%
8478 \m@make@tencolfootnotetext{#1}%
8479 \m@make@mptencolfootnotetext{#1}%
8480 \m@make@tencolfootfmt{#1}%
8481 \m@make@tencol@footgroup{#1}%
8482 \m@make@mptencol@footgroup{#1}%
8483 \m@make@footstart{#1}%
8484 \bidi@namelongdef{\footnotetext#1}##1{%
8485 \@nameuse{\tencolfootnotetext#1}{##1}}%
8486 \bidi@namelongdef{\mpfootnotetext#1}##1{%
8487 \@nameuse{\mptencolfootnotetext#1}{##1}}%
8488 \@namedef{\footgroup#1}{\@nameuse{\tencol@footgroup#1}}%
8489 \@namedef{\mpfootgroup#1}{\@nameuse{\mptencol@footgroup#1}}%
8490 \expandafter\dimen\csname footins#1\endcsname=2\footinsdim
8491 \expandafter\count\csname footins#1\endcsname=500\relax}
8492 \bidi@ensure@newcommand{\m@make@tencolfootnotetext}[1]{%
8493 \bidi@namelongdef{\tencolfootnotetext#1}##1{%
8494 \insert\@nameuse{footins#1}{%

```

```

8495 \def\baselinestretch{\m@m@footnote@spacing}%
8496 \reset@font\@nameuse{foottextfont#1}%
8497 \@preamfntext
8498 \protected@edef\@currentlabel{%
8499 \csname p@footnote#1\endcsname \@nameuse{@thefnmark#1}}%
8500 \color@begingroup
8501 \@nameuse{@tencolfootfmt#1}{##1}%
8502 \color@endgroup}%
8503 \m@mmf@prepare}}
8504 \bidi@ensure@newcommand{\m@make@mptencolfootnotetext}[1]{%
8505 \bidi@namelongdef{@mptencolfootnotetext#1}##1{%
8506 \global\setbox\@nameuse{@mpfootins#1}\vbox{%
8507 \unvbox\@nameuse{@mpfootins#1}
8508 \def\baselinestretch{\m@m@footnote@spacing}%
8509 \reset@font\@nameuse{foottextfont#1}%
8510 \hsize\columnwidth \@parboxrestore
8511 \protected@edef\@currentlabel{%
8512 \csname p@mpfootnote#1\endcsname\@nameuse{@thefnmark#1}}%
8513 \color@begingroup
8514 \@nameuse{@tencolfootfmt#1}{##1}%
8515 \color@endgroup}\m@mmf@prepare}}
8516 \bidi@ensure@newcommand{\m@make@tencolfootfmt}[1]{%
8517 \@namedef{@tencolfootfmt#1}##1{%
8518 \@preamtenfmt
8519 {\@nameuse{footfootmark#1}\strut
8520 {\@nameuse{foottextfont#1}##1}\strut\par}\allowbreak}}
8521 \bidi@ensure@newcommand{\m@make@tencol@footgroup}[1]{%
8522 \@namedef{@tencol@footgroup#1}{%
8523 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
8524 \m@mrigidbalance{\@nameuse{footins#1}}{10}{\splittopskip}}}%
8525 \bidi@ensure@newcommand{\m@make@mptencol@footgroup}[1]{%
8526 \@namedef{@mptencol@footgroup#1}{%
8527 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
8528 \m@mrigidbalance{\@nameuse{@mpfootins#1}}{10}{\splittopskip}}}%
8529 \bidi@ensure@newcommand{\m@munvxh}[1]{%
8530 \setbox0=\vbox{\unvbox#1%
8531 \global\setbox1=\lastbox}%
8532 \unhbox1
8533 \unskip
8534 \unskip
8535 \unpenalty
8536 \hskip\m@mipn@skip}
8537 \bidi@ensure@newcommand{\m@mungebox}{%
8538 \setbox0=\hbox{\m@munvxh0}%
8539 \dp0=\z@
8540 \ht0=\footfudgefactor\wd0
8541 \box0
8542 \penalty0}
8543 \newskip\m@mipn@skip
8544 \bidi@ensure@newcommand*{\m@minterparanoteglue}[1]{%

```

```

8545 {\foottextfont\global\m@mipn@skip=#1\relax}}
8546 \m@minterparanoteglue{1em plus.4em minus.4em}
8547 \@ifpackageloaded{multicol}{%
8548 \bidi@ensure@newcommand*{\m@mmakehboxofhboxes}{%
8549 \if@parafootRTL\@RTLtrue\else\@RTLfalse\fi%
8550 \hsize\textwidth%
8551 \setbox0=\hbox{}}%
8552 \loop
8553 \unpenalty
8554 \setbox2=\lastbox
8555 \ifhbox2
8556 \setbox0=\hbox{\box2\unhbox0}
8557 \repeat}
8558 }{%
8559 \bidi@ensure@newcommand*{\m@mmakehboxofhboxes}{%
8560 \if@parafootRTL\@RTLtrue\else\@RTLfalse\fi%
8561 \setbox0=\hbox{}}%
8562 \loop
8563 \unpenalty
8564 \setbox2=\lastbox
8565 \ifhbox2
8566 \setbox0=\hbox{\box2\unhbox0}
8567 \repeat}}
8568 \bidi@ensure@newcommand*{\m@mremovehboxes}{\setbox0=\lastbox
8569 \ifhbox0{\m@mremovehboxes}\unhbox0 \fi}
8570 \bidi@ensure@newcommand*{\footfudgefiddle}{64}
8571 \bidi@ensure@newcommand{\paragraphfootnotes}{%
8572 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
8573 \let\@footnotetext\@parafootnotetext
8574 \let\@LTRfootnotetext\@paraLTRfootnotetext
8575 \let\@RTLfootnotetext\@paraRTLfootnotetext
8576 \dimen\footinsv@r=\footinsdim
8577 \count\footinsv@r=1000\relax
8578 \m@make@para@footgroup{v@r}%
8579 \let\@footgroupv@r\@para@footgroupv@r
8580 \let\@mpfootnotetext\@mpparafootnotetext
8581 \let\@mpLTRfootnotetext\@mpparaLTRfootnotetext
8582 \let\@mpRTLfootnotetext\@mpparaRTLfootnotetext
8583 \m@make@mppara@footgroup{v@r}%
8584 \let\mp@footgroupv@r\@mppara@footgroupv@r
8585 {\foottextfont
8586 \dimen0=\baselineskip
8587 \multiply\dimen0 by 1024
8588 \divide\dimen0 by \hsize \multiply\dimen0 by \footfudgefiddle
8589 \xdef\footfudgefactor{\expandafter\strip@pt\dimen0 }}}
8590 \bidi@ensure@newcommand{\@parafootnotetext}[1]{\insert\footinsv@r{\@RTLfalse
8591 \def\baselinestretch{\m@m@footnote@spacing}%
8592 \reset@font\foottextfont
8593 \@preamfntext
8594 \protected@edef\@currentlabel{%

```

```

8595 \csname p@footnote\endcsname\@thefnmark}%
8596 \setbox0=\vbox{\hsize=\maxdimen
8597 \color@begingroup
8598 \noindent \@parafootfmt{\if@RTL@footnote\beginR\else\beginL\fi#1\if@RTL@footnote\endR\else\beginL\fi#1\if@RTL@footnote\endR}%
8599 \color@endgroup}%
8600 \m@mungebox}\m@mmf@prepare}
8601 \bidi@ensure@newcommand{\@paraLTRfootnotetext}[1]{\insert\footinsv@r{\@RTLfalse
8602 \def\baselinestretch{\m@m@footnote@spacing}%
8603 \reset@font\LTRfoottextfont
8604 \@preamfntext
8605 \protected@edef\@currentlabel{%
8606 \csname p@footnote\endcsname\@thefnmark}%
8607 \setbox0=\vbox{\hsize=\maxdimen
8608 \color@begingroup
8609 \noindent \@paraLTRfootfmt{\beginL#1\endL}%
8610 \color@endgroup}%
8611 \m@mungebox}\m@mmf@prepare}
8612 \bidi@ensure@newcommand{\@paraRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLfalse
8613 \def\baselinestretch{\m@m@footnote@spacing}%
8614 \reset@font\RTLfoottextfont
8615 \@preamfntext
8616 \protected@edef\@currentlabel{%
8617 \csname p@footnote\endcsname\@thefnmark}%
8618 \setbox0=\vbox{\hsize=\maxdimen
8619 \color@begingroup
8620 \noindent \@paraRTLfootfmt{\beginR#1\endR}%
8621 \color@endgroup}%
8622 \m@mungebox}\m@mmf@prepare}
8623 \bidi@ensure@newcommand{\@parafootfmt}[1]{%
8624 \parindent=\z@
8625 \parfillskip=0pt \@plus 1fil
8626 {\footfootmark\strut {\foottextfont #1}\penalty-10}}
8627 \bidi@ensure@newcommand{\@paraLTRfootfmt}[1]{%
8628 \parindent=\z@
8629 \parfillskip=0pt \@plus 1fil
8630 {\footfootmark\strut {\LTRfoottextfont #1}\penalty-10}}
8631 \bidi@ensure@newcommand{\@paraRTLfootfmt}[1]{%
8632 \parindent=\z@
8633 \parfillskip=0pt \@plus 1fil
8634 {\footfootmark\strut {\RTLfoottextfont #1}\penalty-10}}
8635 \bidi@ensure@newcommand{\@mpparafootnotetext}[1]{%
8636 \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
8637 \unvbox\@mpfootinsv@r
8638 \def\baselinestretch{\m@m@footnote@spacing}%
8639 \reset@font\foottextfont
8640 \hsize\columnwidth \@parboxrestore
8641 \protected@edef\@currentlabel{%
8642 \csname p@mpfootnote\endcsname\@thefnmark}%
8643 \setbox0=\vbox{\hsize=\maxdimen
8644 \color@begingroup

```

```

8645 \noindent \@parafootfmt{\ifRTL@footnote\beginR\else\beginL\fi#1\ifRTL@footnote\endR\else\endL}%
8646 \color@endgroup}%
8647 \m@mungebox}\m@mmf@prepare}
8648 \bidi@ensure@newcommand{\@mpparaLTRfootnotetext}[1]{%
8649 \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
8650 \unvbox\@mpfootinsv@r
8651 \def\baselinestretch{\m@m@footnote@spacing}%
8652 \reset@font\LTRfoottextfont
8653 \hsize\columnwidth \@parboxrestore
8654 \protected@edef\@currentlabel{%
8655 \csname p@mpfootnote\endcsname\@thefnmark}%
8656 \setbox0=\vbox{\hsize=\maxdimen
8657 \color@begingroup
8658 \noindent \@paraLTRfootfmt{\beginL#1\endL}%
8659 \color@endgroup}%
8660 \m@mungebox}\m@mmf@prepare}
8661 \bidi@ensure@newcommand{\@mpparaRTLfootnotetext}[1]{%
8662 \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
8663 \unvbox\@mpfootinsv@r
8664 \def\baselinestretch{\m@m@footnote@spacing}%
8665 \reset@font\RTLfoottextfont
8666 \hsize\columnwidth \@parboxrestore
8667 \protected@edef\@currentlabel{%
8668 \csname p@mpfootnote\endcsname\@thefnmark}%
8669 \setbox0=\vbox{\hsize=\maxdimen
8670 \color@begingroup
8671 \noindent \@paraRTLfootfmt{\beginR#1\endR}%
8672 \color@endgroup}%
8673 \m@mungebox}\m@mmf@prepare}
8674 \bidi@ensure@newcommand{\paragraphfootstyle}[1]{%
8675 \m@make@parafootnotetext{#1}%
8676 \m@make@mpparafootnotetext{#1}%
8677 \m@make@parafootfmt{#1}%
8678 \m@make@para@footgroup{#1}%
8679 \m@make@mppara@footgroup{#1}%
8680 \m@make@para@footstart{#1}%
8681 \bidi@namelongdef{\footnotetext#1}##1{%
8682 \@nameuse{\parafootnotetext#1}{##1}}%
8683 \bidi@namelongdef{\mpfootnotetext#1}##1{%
8684 \@nameuse{\mpparafootnotetext#1}{##1}}%
8685 \@namedef{\footgroup#1}{\@nameuse{\para@footgroup#1}}%
8686 \@namedef{\mp@footgroup#1}{\@nameuse{\mppara@footgroup#1}}%
8687 \@namedef{\footstart#1}{\@nameuse{\para@footstart#1}}%
8688 \expandafter\dimen\csname footins#1\endcsname=\footinsdim
8689 \expandafter\count\csname footins#1\endcsname=1000\relax
8690 {\@nameuse{\foottextfont#1}%
8691 \dimen0=\baselineskip
8692 \multiply\dimen0 by 1024
8693 \divide\dimen0 by \hsize \multiply\dimen0 by 64
8694 \xdef\footfudgefactor{\expandafter\strip@pt\dimen0 }}

```

```

8695 \bidi@ensure@newcommand{\m@make@parafootnotetext}[1]{%
8696 \bidi@namelongdef{@parafootnotetext#1}##1{%
8697   \insert\@nameuse{footins#1}{
8698     \def\baselinestretch{\m@m@footnote@spacing}%
8699     \reset@font\@nameuse{foottextfont#1}%
8700     \@preamfntext
8701     \protected@edef\@currentlabel{%
8702       \csname p@footnote#1\endcsname \@nameuse{@thefnmark#1}}%
8703     \setbox0=\vbox{\hsize=\maxdimen
8704       \color@begingroup
8705         \noindent \@nameuse{@parafootfmt#1}{##1}%
8706         \color@endgroup}%
8707     \m@mungebox}\m@mmf@prepare}}
8708 \bidi@ensure@newcommand{\m@make@mpparafootnotetext}[1]{%
8709 \bidi@namelongdef{@mpparafootnotetext#1}##1{%
8710   \global\setbox\@nameuse{@mpfootins#1}\vbox{%
8711     \unvbox\@nameuse{@mpfootins#1}
8712     \def\baselinestretch{\m@m@footnote@spacing}%
8713     \reset@font\@nameuse{foottextfont#1}%
8714     \hsize\columnwidth \@parboxrestore
8715     \protected@edef\@currentlabel{%
8716       \csname p@mpfootnote#1\endcsname\@nameuse{@thefnmark#1}}%
8717     \setbox0=\vbox{\hsize=\maxdimen
8718       \color@begingroup
8719         \noindent \@nameuse{@parafootfmt#1}{##1}%
8720         \color@endgroup}%
8721     \m@mungebox}\m@mmf@prepare}}
8722 \bidi@ensure@newcommand{\m@make@parafootfmt}[1]{%
8723 \bidi@namelongdef{@parafootfmt#1}##1{%
8724   \parindent=\z@
8725   \parfillskip=0pt \@plus 1fil
8726   {\@nameuse{footfootmark#1}\strut
8727     {\@nameuse{foottextfont#1}##1}\penalty-10}}
8728 \bidi@ensure@newcommand{\m@make@para@footgroup}[1]{%
8729 \@namedef{@para@footgroup#1}{%
8730   \unvbox\@nameuse{footins#1}
8731   \m@mmakehboxofhboxes
8732   \setbox0=\hbox{\unhbox0 \m@mremovehboxes}%
8733   \@nameuse{foottextfont#1}%
8734   \noindent\unhbox0\par}}
8735 \bidi@ensure@newcommand{\m@make@mppara@footgroup}[1]{%
8736 \@namedef{@mppara@footgroup#1}{%
8737   \unvbox\@nameuse{@mpfootins#1}
8738   \m@mmakehboxofhboxes
8739   \setbox0=\hbox{\unhbox0 \m@mremovehboxes}%
8740   \@nameuse{foottextfont#1}%
8741   \noindent\unhbox0\par}}
8742 \bidi@ensure@newcommand{\m@make@para@footstart}[1]{%
8743 \@namedef{@para@footstart#1}{%
8744   \vskip\bigskipamount

```

```

8745 \leftskip=\z@
8746 \rightskip=\z@
8747 \parindent=\z@
8748 \vskip\skip\@nameuse{footins#1}%
8749 \footnoterule}}
8750 \bidi@ensure@newcommand*{\m@m@makecolfloats}{%
8751 \xdef\@freelist{\@freelist\@midlist}%
8752 \global\let\@midlist\@empty
8753 \@combinefloats}
8754 \bidi@ensure@newcommand*{\m@m@makecoltext}{%
8755 \ifvbox\@kludgeins
8756 \@makespecialcolbox
8757 \else
8758 \setbox\@outputbox \vbox to\@colht{%
8759 \texttop
8760 \dimen@ \dp\@outputbox
8761 \unvbox \@outputbox
8762 \vskip -\dimen@
8763 \textbottom}%
8764 \fi}
8765 \bidi@ensure@newcommand*{\m@m@makecolintro}{%
8766 \bidi@ensure@newcommand*{\m@mopfootnote}{\setbox\@outputbox \vbox{%
8767 \boxmaxdepth\@maxdepth
8768 \@tempdima\dp\@cclv
8769 \unvbox\@cclv
8770 \vskip-\@tempdima
8771 \vskip \skip\footins
8772 \color@begingroup
8773 \normalcolor
8774 \footnoterule
8775 \unvbox \footins
8776 \color@endgroup}}
8777 \bidi@ensure@newcommand*{\m@mopsidebar}{%
8778 \ifvoid\sideins\else
8779 \setbox\@outputbox \vbox{%
8780 \sidecontents
8781 \unvbox\@outputbox}
8782 \fi}
8783 \gdef\mem@makecol{%
8784 \m@m@makecolintro
8785 \ifvoid\footins
8786 \setbox\@outputbox \box\@cclv
8787 \else
8788 \m@mopfootnote
8789 \fi
8790 \m@m@doextrafeet
8791 \m@m@makecolfloats
8792 \m@mopsidebar
8793 \m@m@makecoltext
8794 \global \maxdepth \@maxdepth}

```



```

8795 \bidi@ensure@newcommand{\feetabovelfloat}{\gdef\@makecol{\mem@makecol}}
8796 \feetabovelfloat%

```

7.54 extreport-xetex-bidi.def

```

8797 \ProvidesFile{extreport-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for extreport class
8798 \renewcommand*\l@part[2]{%
8799   \ifnum \c@tocdepth >-2\relax
8800     \addpenalty{-\@highpenalty}%
8801     \addvspace{2.25em \@plus\p@}%
8802     \begingroup
8803       \setlength\@tempdima{3em}%
8804       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
8805       \parfillskip -\@pnumwidth
8806       {\leavevmode
8807         \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
8808       \nobreak
8809       \global\@nobreaktrue
8810       \everypar{\global\@nobreakfalse\everypar{}}%
8811     \endgroup
8812   \fi}
8813 \renewcommand*\l@chapter[2]{%
8814   \ifnum \c@tocdepth >\m@ne
8815     \addpenalty{-\@highpenalty}%
8816     \vskip 1.0em \@plus\p@
8817     \setlength\@tempdima{1.5em}%
8818     \begingroup
8819       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
8820       \parfillskip -\@pnumwidth
8821       \leavevmode \bfseries
8822       \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
8823       \hskip -\if@RTL\rightskip\else\leftskip\fi
8824       #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
8825       \penalty\@highpenalty
8826     \endgroup
8827   \fi}
8828 \def\@makechapterhead#1{%
8829   \vspace*{50\p@}%
8830   {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi \normalfont
8831     \ifnum \c@secnumdepth >\m@ne
8832       \huge\bfseries \@chapapp\space \thechapter
8833       \par\nobreak
8834       \vskip 20\p@
8835     \fi
8836     \interlinepenalty\@M
8837     \Huge \bfseries #1\par\nobreak
8838     \vskip 40\p@
8839   }}
8840 \def\@makeschapterhead#1{%
8841   \vspace*{50\p@}%

```

```

8842 {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
8843 \normalfont
8844 \interlinepenalty\@M
8845 \Huge \bfseries #1\par\nobreak
8846 \vskip 40\p@
8847 }}
8848 \renewcommand\left@footnoterule{%
8849 \kern-3\p@
8850 \hrule\@width.4\columnwidth
8851 \kern2.6\p@}
8852 \renewcommand\right@footnoterule{%
8853 \hbox to \columnwidth
8854 {\beginR \vbox{%
8855 \kern-3\p@
8856 \hrule\@width.4\columnwidth
8857 \kern2.6\p@}\hfil\endR}}
8858 \renewenvironment{thebibliography}[1]
8859 {\chapter*{\bibname
8860 \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}}%
8861 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
8862 \list{\@biblabel{\@arabic\c@enumiv}}%
8863 {\settowidth\labelwidth{\@biblabel{#1}}%
8864 \leftmargin\labelwidth
8865 \advance\leftmargin\labelsep
8866 \@openbib@code
8867 \usecounter{enumiv}%
8868 \let\p@enumiv\@empty
8869 \renewcommand\theenumiv{\@arabic\c@enumiv}}%
8870 \sloppy\clubpenalty4000\widowpenalty4000%
8871 \sfcode'\. \@m}
8872 {\def\@noitemerr
8873 {\@latex@warning{Empty 'thebibliography' environment}}%
8874 \endlist}
8875 \if@titlepage
8876 \renewcommand\maketitle{\begin{titlepage}%
8877 \let\footnotesize\small
8878 \let\right@footnoterule\relax
8879 \let\left@footnoterule\relax
8880 \let\textwidth\footnoterule\relax
8881 \let\footnote\thanks
8882 \null\vfil
8883 \vskip 60\p@
8884 \begin{center}%
8885 {\LARGE \@title \par}%
8886 \vskip 3em%
8887 {\large
8888 \lineskip .75em%
8889 \begin{tabular}[t]{c}%
8890 \@author
8891 \end{tabular}\par}%

```

```

8892      \vskip 1.5em%
8893      {\large \@date \par}%      % Set date in \large size.
8894 \end{center}\par
8895 \@thanks
8896 \vfil\null
8897 \end{titlepage}%
8898 \setcounter{footnote}{0}%
8899 \global\let\thanks\relax
8900 \global\let\maketitle\relax
8901 \global\let\@thanks\@empty
8902 \global\let\@author\@empty
8903 \global\let\@date\@empty
8904 \global\let\@title\@empty
8905 \global\let\title\relax
8906 \global\let\author\relax
8907 \global\let\date\relax
8908 \global\let\and\relax
8909 }
8910 \else
8911 \renewcommand\maketitle{\par
8912   \begingroup
8913     \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
8914     \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
8915     \long\def\@makefntext##1{\parindent 1em\noindent
8916       \hb@xt@1.8em{%
8917         \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
8918     \if@twocolumn
8919       \ifnum \col@number=\@ne
8920         \@maketitle
8921       \else
8922         \twocolumn[\@maketitle]%
8923       \fi
8924     \else
8925       \newpage
8926       \global\@topnum\z@      % Prevents figures from going at top of page.
8927       \@maketitle
8928     \fi
8929     \thispagestyle{plain}\@thanks
8930   \endgroup
8931   \setcounter{footnote}{0}%
8932   \global\let\thanks\relax
8933   \global\let\maketitle\relax
8934   \global\let\@maketitle\relax
8935   \global\let\@thanks\@empty
8936   \global\let\@author\@empty
8937   \global\let\@date\@empty
8938   \global\let\@title\@empty
8939   \global\let\title\relax
8940   \global\let\author\relax
8941   \global\let\date\relax

```

```

8942 \global\let\and\relax
8943 }
8944 \def\@maketitle{%
8945   \newpage
8946   \null
8947   \vskip 2em%
8948   \begin{center}%
8949   \let \footnote \thanks
8950   {\LARGE \@title \par}%
8951   \vskip 1.5em%
8952   {\large
8953     \lineskip .5em%
8954     \begin{tabular}[t]{c}%
8955       \@author
8956       \end{tabular}\par}%
8957   \vskip 1em%
8958   {\large \@date}%
8959   \end{center}%
8960   \par
8961   \vskip 1.5em}
8962 \fi
8963 \renewcommand\thesection {\thechapter\@SepMark\@arabic\c@section}
8964 \renewcommand\thesubsection {\thesection\@SepMark\@arabic\csubsection}
8965 \renewcommand\thesubsubsection{\thesubsection \@SepMark\@arabic\csubsubsection}
8966 \renewcommand\theparagraph {\thesubsubsection\@SepMark\@arabic\cparagraph}
8967 \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\csubparagraph}
8968 \renewcommand\theequation{%
8969   \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@equation}
8970 \renewcommand\thefigure{%
8971   \ifnum \c@chapter>\z@\thechapter\@SepMark\fi \@arabic\c@figure}
8972 \renewcommand\thetable{%
8973   \ifnum \c@chapter>\z@\thechapter\@SepMark\fi\@arabic\c@table}

```

7.55 fancybox-xetex-bidi.def

```

8974 \ProvidesFile{fancybox-xetex-bidi.def}[2013/05/01 v0.1 bidi adaptations for fancybox package]
8975 \def\fancy@oval#1#2#3{%
8976   \boxmaxdepth \maxdimen
8977   \@ovttrue \@ovbtrue \@ovltrue \@ovrtrue
8978   \@tfor\@tempa :=#3\do{\csname @ov\@tempa false\endcsname}%
8979   \@ovxx#1\relax
8980   \advance\@ovxx-\@wholewidth
8981   \@ovyy#2\relax
8982   \advance\@ovyy-\@wholewidth
8983   \@tempdimb \ifdim \@ovyy >\@ovxx \@ovxx \@ovxx\else \@ovyy \fi
8984   \advance\@tempdimb-2\p@
8985   \ifdim\@tempdimb>\the@cornersize\relax
8986     \@tempdimb=\the@cornersize
8987   \fi
8988   \@getcirc\@tempdimb

```

```

8989 \@ovro\ht\@tempboxa \@ovri\dp\@tempboxa
8990 \@ovdx\@ovxx \advance\@ovdx-\@tempdima \divide\@ovdx \tw@
8991 \@ovdy\@ovyy \advance\@ovdy-\@tempdima \divide\@ovdy \tw@
8992 \@circlefnt
8993 \setbox\@tempboxa\hbox{\beginL%
8994   \if@ovr \@ovvert32\kern -\@tempdima \fi
8995   \if@ovl \kern \@ovxx \@ovvert01\kern -\@tempdima \kern -\@ovxx \fi
8996   \if@ovt \@ovhorz \kern -\@ovxx \fi
8997   \if@ovb \raise \@ovyy \@ovhorz \fi\endL}%
8998 \advance\@ovdx\@ovro
8999 \advance\@ovdy\@ovro
9000 \advance\@ovxx\@wholewidth
9001 \wd\@tempboxa=\@ovxx
9002 \dp\@tempboxa=\z@}

```

7.56 fancyhdr-xetex-bidi.def

```

9003 \ProvidesFile{fancyhdr-xetex-bidi.def}[2012/04/18 v0.4 bidi adaptations for fancyhdr package]
9004 \let\fnch@everypar\everypar%
9005 \def\@fancyhead#1#2#3#4#5{\if@RTLmain\beginR\else\beginL\fi#1\if@RTLmain\endR\else\endL\fi\hbox{
9006   \@fancyvbox\headheight{\hbox
9007     {\rlap{\parbox[b]{\headwidth}{\bidi@raggedright\if@RTLmain\beginR\else\beginL\fi#2\if@RTLmain\endR\else\endL\fi
9008       \parbox[b]{\headwidth}{\centering\if@RTLmain\beginR\else\beginL\fi#3\if@RTLmain\endR\else\endL\fi
9009       \llap{\parbox[b]{\headwidth}{\bidi@raggedleft\if@RTLmain\beginR\else\beginL\fi#4\if@RTLmain\endR\else\endL\fi
9010 \def\@fancyfoot#1#2#3#4#5{\if@RTLmain\beginR\else\beginL\fi#1\if@RTLmain\endR\else\endL\fi\hbox{
9011   \@fancyvbox\footskip{\footrule
9012     \hbox{\rlap{\parbox[t]{\headwidth}{\bidi@raggedright\if@RTLmain\beginR\else\beginL\fi#2
9013       \parbox[t]{\headwidth}{\centering\if@RTLmain\beginR\else\beginL\fi#3\if@RTLmain\endR\else\endL\fi
9014       \llap{\parbox[t]{\headwidth}{\bidi@raggedleft\if@RTLmain\beginR\else\beginL\fi#4\if@RTLmain\endR\else\endL\fi

```

7.57 fix2col-xetex-bidi.def

```

9015 \ProvidesFile{fix2col-xetex-bidi.def}[2013/04/10 v0.3 bidi adaptations for fix2col package]
9016 \def\RTL@outputdblcol{%
9017   \if@firstcolumn
9018     \global\@firstcolumnfalse
9019     \global\setbox\@leftcolumn\copy\@outputbox
9020     \splitmaxdepth\maxdimen
9021     \vbadness\maxdimen
9022     \setbox\@outputbox\vsplit\@outputbox to\maxdimen
9023     \toks@\expandafter{\topmark}%
9024     \xdef\@firstcoltopmark{\the\toks@}%
9025     \toks@\expandafter{\splitfirstmark}%
9026     \xdef\@firstcolfirstmark{\the\toks@}%
9027     \ifx\@firstcolfirstmark\@empty
9028       \global\let\@setmarks\relax
9029     \else
9030       \gdef\@setmarks{%
9031         \let\firstmark\@firstcolfirstmark
9032         \let\topmark\@firstcoltopmark}%
9033   \fi

```

```

9034 \else \global\@firstcolumntrue
9035 \setbox\@outputbox \vbox {\hbox to\textwidth {%
9036 \hskip \columnwidth
9037 \hfil \vrule width\columnseprule \hfil
9038 \hbox to\columnwidth {\box\@leftcolumn \hss}%
9039 \hskip -\textwidth
9040 \hbox to\columnwidth{\box\@outputbox \hss}%
9041 \hskip \columnsep
9042 \hskip \columnwidth }}%
9043 \@combinedblfloats \@setmarks \@outputpage
9044 \begingroup \@dblfloatplacement \@startdblcolumn
9045 \@whiles\if@fcolmade \fi
9046 {\@outputpage \@startdblcolumn }\endgroup
9047 \fi}
9048 \def\LTR@outputdblcol{%
9049 \if@firstcolumn
9050 \global\@firstcolumnfalse
9051 \global\setbox\@leftcolumn\copy\@outputbox
9052 \splitmaxdepth\maxdimen
9053 \vbadness\maxdimen
9054 \setbox\@outputbox\vsplit\@outputbox to\maxdimen
9055 \toks@\expandafter{\topmark}%
9056 \xdef\@firstcoltopmark{\the\toks@}%
9057 \toks@\expandafter{\splitfirstmark}%
9058 \xdef\@firstcolfirstmark{\the\toks@}%
9059 \ifx\@firstcolfirstmark\@empty
9060 \global\let\@setmarks\relax
9061 \else
9062 \gdef\@setmarks{%
9063 \let\firstmark\@firstcolfirstmark
9064 \let\topmark\@firstcoltopmark}%
9065 \fi
9066 \else
9067 \global\@firstcolumntrue
9068 \setbox\@outputbox\vbox{%
9069 \hb@xt@\textwidth{%
9070 \hb@xt@\columnwidth{\box\@leftcolumn \hss}%
9071 \hfil
9072 \vrule \@width\columnseprule
9073 \hfil
9074 \hb@xt@\columnwidth{\box\@outputbox \hss}}}%
9075 \@combinedblfloats
9076 \@setmarks
9077 \@outputpage
9078 \begingroup
9079 \@dblfloatplacement
9080 \@startdblcolumn
9081 \@whiles\if@fcolmade \fi{\@outputpage\@startdblcolumn}%
9082 \endgroup
9083 \fi}

```

7.58 fleqn-xetex-bidi.def

```
9084 \ProvidesFile{fleqn-xetex-bidi.def}[2010/03/01 v0.1 bidi adaptations for fleqn tag for XeTeX
9085 \renewcommand\[{\\relax
9086         \ifmmode\@badmath
9087         \else
9088         \begin{trivlist}%
9089         \@beginparpenalty\predisplaypenalty
9090         \@endparpenalty\postdisplaypenalty
9091         \item[]\leavevmode
9092         \hb@xt@\linewidth\bgroup \beginL$\m@th\displaystyle %$
9093         \hskip\mathindent\bgroup
9094         \fi}
9095 \renewcommand\}{\\relax
9096         \ifmmode
9097         \egroup $\hfil% $
9098         \endL\egroup
9099         \end{trivlist}%
9100         \else \@badmath
9101         \fi}
9102 \renewenvironment{equation}%
9103     {\@beginparpenalty\predisplaypenalty
9104     \@endparpenalty\postdisplaypenalty
9105     \refstepcounter{equation}%
9106     \trivlist \item[]\leavevmode
9107     \hb@xt@\linewidth\bgroup\beginL $\m@th% $
9108     \displaystyle
9109     \hskip\mathindent}%
9110     {$\hfil % $
9111     \displaywidth\linewidth\hbox{\@eqnnum}%
9112     \endL\egroup
9113     \endtrivlist}
```

7.59 float-xetex-bidi.def

```
9114 \ProvidesFile{float-xetex-bidi.def}[2013/04/04 v0.2 bidi adaptations for float package for Xe
9115 \renewcommand\floatc@plain[2]{\setbox\@tempboxa\hbox{\{\@fs@cfont #1:\} #2}%
9116 \ifdim\wd\@tempboxa>\hsize {\@fs@cfont #1:\} #2\par
9117 \else\hbox to\hsize{\if@RTL\beginR\fi\hfil\box\@tempboxa\hfil\if@RTL\endR\fi}\fi}
9118 \def\float@newx#1[#2]{\ifundefined{c@#1}{\newcounter{#1}[#2]%
9119 \expandafter\edef\csname the#1\endcsname{%
9120 \expandafter\noexpand\csname
9121 the#2\endcsname\@SepMark\noexpand\arabic{#1}}}%
9122 {\PackageWarning{float}{Can't redefine counter variable for #1.}}}
```

7.60 floatrow-xetex-bidi.def

```
9123 \ProvidesFile{floatrow-xetex-bidi.def}[2013/04/08 v0.1 bidi adaptations for floatrow package
9124 \renewcommand\flnew@within[1]{\@addtoreset{FB@captop}{#1}%
9125 \expandafter\edef\csname theFB@captop\endcsname{%
9126 \expandafter\noexpand\csname
9127 the#1\endcsname\@SepMark\noexpand\arabic{FB@captop}}}
```

7.61 flowfram-xetex-bidi.def

```
9128 \ProvidesFile{flowfram-xetex-bidi.def}[2010/07/25 v0.2 bidi adaptations for flowfram package]
9129 \def\@outputdblcol{%
9130 \@nxtcol=\c@thisframe
9131 \c@curpg=\c@page
9132 \@g@tnextcol{\@nxtcol}%
9133 \if@ff@nwpg % next flow frame starts on new page
9134 \global\@firstcolumntrue
9135 \setcolbox\c@thisframe
9136 \if@specialpage
9137 \global\@specialpagefalse
9138 \nameuse{ps@\@specialstyle}\relax
9139 \fi
9140 \if@twoside
9141 \ifodd\count\z@
9142 \let\@thehead\@oddhead
9143 \let\@thefoot\@oddfoot
9144 \else
9145 \let\@thehead\@evenhead
9146 \let\@thefoot\@evenfoot
9147 \fi
9148 \else
9149 \let\@thehead\@oddhead
9150 \let\@thefoot\@oddfoot
9151 \fi
9152 \@beginindvi
9153 \dodynamicthehead\dodynamicthefoot
9154 \vbadness=\M
9155 \setbox\@outputbox\vbox{\hbox to \textwidth{\@ff@do@allframes}}%
9156 \@combinedblfloats
9157 \@outputpage
9158 \advance\c@curpg by -\c@page\relax
9159 \whiledo{\c@curpg>0}{\advance\c@curpg by -1\relax
9160 \setbox\@outputbox\vbox{\hbox to \textwidth{\@ff@do@allframes}}%
9161 \@outputpage}
9162 \begingroup
9163 \dblfloatplacement
9164 \@startdblcolumn
9165 \@whilesw \if@colmade \fi
9166 {\@outputpage \@startdblcolumn }\endgroup
9167 \@resetst@tics
9168 \@resetdyn@tics
9169 \else % still on same page, save contents of box255
9170 \global\@firstcolumnfalse
9171 \setcolbox\c@thisframe
9172 \fi
9173 \global\c@thisframe=\@nxtcol
9174 \setcol{\c@thisframe}\relax
9175 \global\@colht\vsiz
```



```

9176 }
9177 \def\@outputpage{%
9178 \begingroup
9179 \let\protect\noexpand
9180 \@resetactivechars
9181 \global\let\@if@newlist@if@newlist
9182 \global\@newlistfalse\@parboxrestore
9183 \shipout\vbox{\set@typeset@protect
9184 \aftergroup
9185 \endgroup
9186 \aftergroup
9187 \set@typeset@protect
9188 \reset@font\normalsize\normalsfcodes
9189 \let\label\@gobble
9190 \let\index\@gobble
9191 \let\glossary\@gobble
9192 \baselineskip\z@skip
9193 \lineskip\z@skip
9194 \lineskiplimit\z@
9195 \vskip\topmargin\moveright\@themargin
9196 \vbox{%
9197 \vskip\headheight
9198 \vskip\headsep
9199 \box\@outputbox
9200 }}%
9201 \global\let@if@newlist\@if@newlist
9202 \stepcounter{page}%
9203 \setcounter{displayedframe}{0}%
9204 \let\firstmark\botmark}
9205
9206
9207 \newcommand*\bidi@stfftextcol{\ifthenelse{\equal{\ff@txtcol}{}}{}}{%
9208 \expandafter\bidi@color\ff@txtcol}}
9209
9210 \newcommand{\bidi@ff@box}[3]{\@ffbackground{\vbox to#2
9211 {\hb@xt@ #1{\hss{\bidi@stfftextcol #3}\hss}\vss\kern\z@}}}%
9212
9213
9214 \renewcommand*\@docolbox}[1]{%
9215 \edef\ff@frametype{%
9216 \csname @ff@frametype@\romannumeral#1\endcsname}%
9217 \edef\ff@col{\csname @ff@col@\romannumeral#1\endcsname}%
9218 \edef\ff@txtcol{\csname @ff@txtcol@\romannumeral#1\endcsname}%
9219 \edef\ff@backcol{\csname @ff@backcol@\romannumeral#1\endcsname}%
9220 \@ff@setoffset{#1}%
9221 \rotateframe{\csname @ff@angle@\romannumeral#1\endcsname}{%
9222 \ifthenelse{\boolean{columnframe\romannumeral#1}}{%
9223 \@ff@fbox{\csname colwidth\romannumeral#1\endcsname}%
9224 {\csname colheight\romannumeral#1\endcsname}}{%
9225 \expandafter\box\csname column\romannumeral#1\endcsname}}}%

```

```

9226 \csname\ff@frametype\endcsname}%
9227 }{%
9228 \bidi@ff@box{\csname colwidth\romannumeral#1\endcsname}%
9229 {\csname colheight\romannumeral#1\endcsname}{%
9230 \expandafter\box\csname column\romannumeral#1\endcsname}%
9231 }}}
9232 \@ifclassloaded{book}{%
9233 \renewcommand\theequation
9234 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
9235 \renewcommand \thefigure
9236 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
9237 \renewcommand \thetable
9238 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
9239 \renewcommand \thechapter {\@arabic\c@chapter}
9240 \renewcommand \thesection {\thechapter\@SepMark\@arabic\c@section}
9241 \renewcommand \thesubsection {\thesection\@SepMark\@arabic\c@subsection}
9242 \renewcommand \thesubsubsection {\thesubsection \@SepMark\@arabic\c@subsubsection}
9243 \renewcommand \theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
9244 \renewcommand \thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}}{}
9245 \@ifclassloaded{report}{%
9246 \renewcommand\theequation
9247 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
9248 \renewcommand \thefigure
9249 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
9250 \renewcommand \thetable
9251 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
9252 \renewcommand \thechapter {\@arabic\c@chapter}
9253 \renewcommand \thesection {\thechapter\@SepMark\@arabic\c@section}
9254 \renewcommand \thesubsection {\thesection\@SepMark\@arabic\c@subsection}
9255 \renewcommand \thesubsubsection {\thesubsection \@SepMark\@arabic\c@subsubsection}
9256 \renewcommand \theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
9257 \renewcommand \thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}}{}
9258 \renewcommand{\rotateframe}[2]{\if@ttb@rotate
9259 \rotatebox{#1}{\if@RTL\beginL\fi#2\if@RTL\endL\fi}}%
9260 \else
9261 #2\relax
9262 \fi}

```

7.62 footnote-xetex-bidi.def

```

9263 \ProvidesFile{footnote-xetex-bidi.def}[2013/04/26 v0.8 bidi footnote macros for XeTeX engine]
9264 \if@RTLmain\@RTL@footnotetrue\else\@RTL@footnotefalse\fi
9265 \newif\ifbidi@autofootnoterule
9266 \def\bidi@mpfootnoterule{\footnoterule}
9267 \newcounter{footdir@label}
9268 \renewcommand*{\thefootdir@label}{footdir@the\value{footdir@label}}
9269 \newcommand*{\footdir@write}{%
9270 \stepcounter{footdir@label}%
9271 \zref@labelbyprops{\thefootdir@label}{abspage}}%
9272 }

```

```

9273 \newif\iffootdir@debug
9274 \newcommand*{\debugfootnotedirection}{\footdir@debugtrue}
9275 \newtoks\footdir@toks
9276 \newcommand*{\footdir@debug}[1]{%
9277   \iffootdir@debug
9278     \typeout{[footdir] #1}%
9279   \fi
9280 }
9281 \@ifpackagelater{zref-abspage}{2012/10/27}{%
9282   \newcommand*{\footdir@LeftRightElse}{%
9283     \ltx@ifundefined{footdir@the\value{zabspage}}{%
9284       \footdir@debug{abspage \the\value{zabspage}: else}%
9285       \ltx@thirdofthree
9286     }{%
9287       \if\csname footdir@the\value{zabspage}\endcsname L%
9288         \footdir@debug{abspage \the\value{zabspage}: left}%
9289         \expandafter\ltx@firstofthree
9290       \else
9291         \footdir@debug{abspage \the\value{zabspage}: right}%
9292         \expandafter\ltx@secondofthree
9293       \fi
9294     }%
9295   }%
9296 }{%
9297   \providecommand*{\c@zabspage}{\c@abspage}%
9298   \newcommand*{\footdir@LeftRightElse}{%
9299     \footdir@write
9300     \zifrefundefined{\thefootdir@label}{%
9301       \footdir@debug{abspage ??: else}%
9302       \ltx@thirdofthree
9303     }{%
9304       \edef\footdir@abspage{%
9305         \zref@extractdefault{\thefootdir@label}{abspage}{0}%
9306       }%
9307       \ltx@ifundefined{footdir@\footdir@abspage}{%
9308         \footdir@debug{\footdir@abspage: else}%
9309         \ltx@thirdofthree
9310       }{%
9311         \if\csname footdir@\footdir@abspage\endcsname L%
9312           \footdir@debug{\footdir@abspage: left}%
9313           \expandafter\ltx@firstofthree
9314         \else
9315           \footdir@debug{\footdir@abspage: right}%
9316           \expandafter\ltx@secondofthree
9317         \fi
9318       }%
9319     }%
9320   }%
9321 }
9322 \newcommand*{\footdir@fntext}[1]{%

```

```

9323 \zifrefundefined{\thefootdir@label}{%
9324 }{%
9325 \edef\footdir@name{%
9326   footdir@\zref@extractdefault{\thefootdir@label}{abspage}{0}%
9327 }%
9328 \@ifundefined{footdir@name}{%
9329   \expandafter\gdef\csname\footdir@name\endcsname{#1}%
9330 }{}%
9331 }%
9332 }
9333
9334 \newcommand*{\footdir@temp}[3]{%
9335   \@ifdefinable{#1}{%
9336     \let#1#2%
9337     \renewcommand{#2}[1]{%
9338       \footdir@write
9339       \footdir@fntext{#3}%
9340       \stepcounter{footdir@label}%
9341       \footdir@fntext{#3}%
9342       \footdir@toks{##1}%
9343       \footdir@toks\expandafter{%
9344         \the\expandafter\footdir@toks
9345         \expandafter
9346         \zref@labelbyprops\expandafter{\thefootdir@label}{abspage}%
9347       }%
9348       \expandafter#1\expandafter{\the\footdir@toks}%
9349     }%
9350   }%
9351 }
9352
9353 \def\right@footnoterule{%
9354   \hbox to \columnwidth
9355   {\beginR \vbox{\kern -3\p@
9356     \hrule width .4\columnwidth \kern2.6\p@}\hfil\endR}}
9357 \def\left@footnoterule{%
9358   \hrule width .4\columnwidth\kern 2.6\p@}
9359 \def\textwidth@footnoterule{\kern-3\p@
9360   \hrule \@width \columnwidth \kern 2.6\p@}
9361 \def\leftfootnoterule{%
9362   \bidi@autofootnoterulefalse%
9363   \def\footnoterule{\left@footnoterule}}
9364 \let\LRfootnoterule=\leftfootnoterule
9365 \def\rightfootnoterule{%
9366   \bidi@autofootnoterulefalse%
9367   \def\footnoterule{\right@footnoterule}}
9368 \def\textwidthfootnoterule{%
9369   \bidi@autofootnoterulefalse%
9370   \def\footnoterule{\textwidth@footnoterule}}
9371
9372

```

```

9373
9374 \def\auto@footnoterule{%
9375 \footdir@LeftRightElse%
9376 \left@footnoterule%
9377 \right@footnoterule%
9378 \left@footnoterule%
9379 }
9380
9381
9382
9383 \def\autofootnoterule{%
9384 \bidi@autofootnoteruletrue%
9385 \def\footnoterule{\auto@footnoterule}%
9386 }
9387
9388 \newcommand*\SplitFootnoteRule{%
9389 \gdef\split@prev{0}
9390 \let\pagefootnoterule\footnoterule
9391 \let\mpfootnoterule\footnoterule
9392 \def\splitfootnoterule{\kern-3\p@ \hrule \kern2.6\p@}
9393 \def\footnoterule{\relax
9394 \ifx \@listdepth\@mplistdepth
9395 \mpfootnoterule
9396 \else
9397 \ifnum\split@prev=\z@
9398 \pagefootnoterule
9399 \else
9400 \splitfootnoterule
9401 \fi
9402 \xdef\split@prev{\the\insertpenalties}%
9403 \fi
9404 }%
9405 }
9406
9407
9408
9409
9410 \def\RTLfootnote{\@ifnextchar[\@xRTLfootnote{\stepcounter\@mpfn
9411 \protected@xdef\@thefnmark{\thempfn}%
9412 \@footnotemark\@RTLfootnotetext}}
9413 \def\@xRTLfootnote[#1]{%
9414 \begingroup
9415 \csname c@\@mpfn\endcsname #1\relax
9416 \unrestored@protected@xdef\@thefnmark{\thempfn}%
9417 \endgroup
9418 \@footnotemark\@RTLfootnotetext}
9419 \def\LTRfootnote{\@ifnextchar[\@xLTRfootnote{\stepcounter\@mpfn
9420 \protected@xdef\@thefnmark{\thempfn}%
9421 \@footnotemark\@LTRfootnotetext}}
9422 \def\@xLTRfootnote[#1]{%

```

```

9423 \begingroup
9424 \csname c@\@mpfn\endcsname #1\relax
9425 \unrestored@protected@xdef\@thefnmark{\thempfn}%
9426 \endgroup
9427 \@footnotemark\@LTRfootnotetext}
9428
9429
9430 \def\setfootnoteRL{\@RTL@footnotetrue}
9431 \def\unsetfootnoteRL{\@RTL@footnotefalse}
9432 \def\setfootnoteLR{\unsetfootnoteRL}
9433
9434 \long\def\@footnotetext#1{\insert\footins{%
9435 \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
9436 \reset@font\footnotesize
9437 \interlinepenalty\interfootnotelinepenalty
9438 \splittopskip\footnotesep
9439 \splitmaxdepth \dp\strutbox \floatingpenalty \MM
9440 \hsize\columnwidth \@parboxrestore
9441 \protected@edef\@currentlabel{%
9442 \csname p@footnote\endcsname\@thefnmark
9443 }%
9444 \color@begingroup
9445 \makefntext{%
9446 \rule{z@\footnotesep\ignorespaces#1\@finalstrut\strutbox}%
9447 \color@endgroup}}%
9448
9449
9450 \long\def\@RTLfootnotetext#1{\insert\footins{%
9451 \@RTLtrue%
9452 \reset@font\footnotesize
9453 \interlinepenalty\interfootnotelinepenalty
9454 \splittopskip\footnotesep
9455 \splitmaxdepth \dp\strutbox \floatingpenalty \MM
9456 \hsize\columnwidth \@parboxrestore
9457 \protected@edef\@currentlabel{%
9458 \csname p@footnote\endcsname\@thefnmark
9459 }%
9460 \color@begingroup
9461 \makefntext{%
9462 \rule{z@\footnotesep\ignorespaces#1\@finalstrut\strutbox}%
9463 \color@endgroup}}%
9464
9465 \long\def\@LTRfootnotetext#1{\insert\footins{%
9466 \@RTLfalse%
9467 \reset@font\footnotesize
9468 \interlinepenalty\interfootnotelinepenalty
9469 \splittopskip\footnotesep
9470 \splitmaxdepth \dp\strutbox \floatingpenalty \MM
9471 \hsize\columnwidth \@parboxrestore
9472 \protected@edef\@currentlabel{%

```

```

9473      \csname p@footnote\endcsname\@thefnmark
9474    }%
9475    \color@begingroup
9476      \@makefntext{%
9477        \rule{z@footnotesep\ignorespaces#1\@finalstrut\strutbox}%
9478      \color@endgroup}}%
9479
9480 \AtBeginDocument{%
9481 \ifRTL@footnote
9482   \newcommand*{\bidi@footdir@footnote}{R}
9483 \else
9484   \newcommand*{\bidi@footdir@footnote}{L}
9485 \fi%
9486 }
9487
9488 \footdir@temp\footdir@ORG@bidi@footnotetext\@footnotetext{\bidi@footdir@footnote}%
9489 \footdir@temp\footdir@ORG@bidi@RTLfootnotetext\@RTLfootnotetext{R}%
9490 \footdir@temp\footdir@ORG@bidi@LTRfootnotetext\@LTRfootnotetext{L}%
9491
9492 \long\def\@mpRTLfootnotetext#1{%
9493   \ifbidi@autofootnoterule\ifnum\c@mpfootnote=\@ne\global\let\bidi@mpfootnoterule\right@footnot
9494   \global\setbox\@mpfootins\vbox{\@RTLtrue%
9495     \unvbox\@mpfootins
9496     \reset@font\footnotesize
9497     \hsize\columnwidth
9498     \@parboxrestore
9499     \protected@edef\@currentlabel
9500       {\csname p@mpfootnote\endcsname\@thefnmark}%
9501     \color@begingroup
9502       \@makefntext{%
9503         \rule{z@footnotesep\ignorespaces#1\@finalstrut\strutbox}%
9504       \color@endgroup}}
9505 \long\def\@mpLTRfootnotetext#1{%
9506   \ifbidi@autofootnoterule\ifnum\c@mpfootnote=\@ne\global\let\bidi@mpfootnoterule\left@footnot
9507   \global\setbox\@mpfootins\vbox{\@RTLfalse%
9508     \unvbox\@mpfootins
9509     \reset@font\footnotesize
9510     \hsize\columnwidth
9511     \@parboxrestore
9512     \protected@edef\@currentlabel
9513       {\csname p@mpfootnote\endcsname\@thefnmark}%
9514     \color@begingroup
9515       \@makefntext{%
9516         \rule{z@footnotesep\ignorespaces#1\@finalstrut\strutbox}%
9517       \color@endgroup}}
9518 \long\def\@mpfootnotetext#1{%
9519   \ifbidi@autofootnoterule\ifnum\c@mpfootnote=\@ne\ifRTL@footnote\global\let\bidi@mpfootnoterule
9520   \global\setbox\@mpfootins\vbox{\ifRTL@footnote\@RTLtrue\else\@RTLfalse\fi%
9521     \unvbox\@mpfootins
9522     \reset@font\footnotesize

```

```

9523 \hsize\columnwidth
9524 \@parboxrestore
9525 \protected@edef\@currentlabel
9526     {\csname p@mpfootnote\endcsname\@thefnmark}%
9527 \color@begingroup
9528     \@makefnrestext{%
9529         \rule\z@\footnotesep\ignorespaces#1\@finalstrut\strutbox}%
9530 \color@endgroup}}
9531 \def\@iiiminipage#1#2[#3]#4{%
9532     \leavevmode
9533     \@pboxswfalse
9534     \if@RTLtab\@bidi@list@minipage@parbox@not@nobtrue\fi
9535     \if@RTL\if#1t\@bidi@list@minipage@parboxtrue\else\if#1b\@bidi@list@minipage@parboxtrue\fi\fi
9536     \setlength\@tempdima{#4}%
9537     \def\@mpargs{{#1}{#2}[#3]{#4}}%
9538     \setbox\@tempboxa\vbox\bgroup
9539         \color@begingroup
9540             \hsize\@tempdima
9541             \textwidth\hsize \columnwidth\hsize
9542             \@parboxrestore
9543             \def\@mpfn{mpfootnote}\def\thempfn{\thempfootnote}\c@mpfootnote\z@
9544             \let\@footnotetext\@mpfootnotetext
9545             \let\@LTRfootnotetext\@mpLTRfootnotetext
9546             \let\@RTLfootnotetext\@mpRTLfootnotetext
9547             \let\@listdepth\@mplistdepth \@mplistdepth\z@
9548             \@minipagerestore
9549             \@setminipage}
9550 \def\endminipage{%
9551     \par
9552     \unskip
9553     \ifvoid\@mpfootins\else
9554         \vskip\skip\@mpfootins
9555         \normalcolor
9556         \bidi@mpfootnoterule
9557         \unvbox\@mpfootins
9558     \fi
9559     \@minipagefalse %% added 24 May 89
9560 \color@endgroup
9561 \egroup
9562 \expandafter\@iiiparbox\@mpargs{\unvbox\@tempboxa}}
9563 \def\LTRthanks#1{\footnotemark
9564     \protected@xdef\@thanks{\@thanks
9565         \protect\LTRfootnotetext[\the\c@footnote]{#1}}%
9566 }
9567 \def\LTRfootnotetext{%
9568     \ifnextchar [\@xLTRfootnotenext
9569         {\protected@xdef\@thefnmark{\thempfn}%
9570         \@LTRfootnotetext}}
9571 \def\@xLTRfootnotenext[#1]{%
9572     \begingroup

```



```

9573 \csname c@\mpfn\endcsname #1\relax
9574 \unrestored@protected@xdef\@thefnmark{\thempfn}%
9575 \endgroup
9576 \LTRfootnotetext}
9577 \def\RTLthanks#1{\footnotemark
9578 \protected@xdef\@thanks{\@thanks
9579 \protect\RTLfootnotetext[\the\c@footnote]{#1}}%
9580 }
9581 \let\@thanks\empty
9582 \def\RTLfootnotetext{%
9583 \ifnextchar [\@xRTLfootnotenext
9584 {\protected@xdef\@thefnmark{\thempfn}%
9585 \@RTLfootnotetext}}
9586 \def\@xRTLfootnotenext[#1]{%
9587 \begingroup
9588 \csname c@\mpfn\endcsname #1\relax
9589 \unrestored@protected@xdef\@thefnmark{\thempfn}%
9590 \endgroup
9591 \@RTLfootnotetext}
9592 \leftfootnoterule

```

7.63 framed-xetex-bidi.def

```

9593 \ProvidesFile{framed-xetex-bidi.def}[2012/06/05 v0.3 bidi adaptations for framed package for
9594 \renewcommand\TitleBarFrame[3][\begingroup
9595 \ifx\delimiter#1\delimiter
9596 \let\TF@conlab\empty
9597 \else
9598 \def\TF@conlab{% continuation label
9599 \nointerlineskip
9600 \smash{\rlap{\kern\wd\@tempboxa\kern\fbboxrule\kern\fbboxsep #1}}}%
9601 \fi
9602 %\let\TF@savecolor\current@color
9603 \textcolor{TFFrameColor}{%
9604 \CustomFBox
9605 {\TF@Title{#2}}{\TF@conlab}%
9606 \fbboxrule\fbboxrule\fbboxrule\fbboxrule
9607 %{\let\current@color\TF@savecolor\set@color #3}%
9608 {\normalcolor #3}%
9609 }\endgroup
9610 }
9611 \renewenvironment{titled-frame}[1]{%
9612 \def\FrameCommand{\fbboxsep8pt\fbboxrule2pt
9613 \TitleBarFrame{\textbf{#1}}}%
9614 \def\FirstFrameCommand{\fbboxsep8pt\fbboxrule2pt
9615 \TitleBarFrame[$\if@RTL\blacktriangleleft\else\blacktriangleright\fi$]{\textbf{#1}}}%
9616 \def\MidFrameCommand{\fbboxsep8pt\fbboxrule2pt
9617 \TitleBarFrame[$\if@RTL\blacktriangleleft\else\blacktriangleright\fi$]{\textbf{#1\ (cont
9618 \def\LastFrameCommand{\fbboxsep8pt\fbboxrule2pt
9619 \TitleBarFrame{\textbf{#1\ (cont)}}}%

```

```

9620 \MakeFramed{\advance\hsize-20pt \FrameRestore}}}%
9621 % note: 8 + 2 + 8 + 2 = 20. Don't use \width because the frame title
9622 % could interfere with the width measurement.
9623 {\endMakeFramed}
9624 \chardef\FrameRestore=\catcode'\| % for debug
9625 \catcode'\|=\catcode'\% % (debug: insert space after backslash)
9626 \def\fb@put@frame#1#2{\relax
9627 \ifdim\pagegoal=\maxdimen \pagegoal\vsizel\fi
9628 | \message{===== Entering putframe =====^^J
9629 | \pagegoal=\the\pagegoal, \pagetotal=\the\pagetotal. }%
9630 \ifinner
9631 \fb@putboxa#1%
9632 \fb@afterframe
9633 \else
9634 \dimen@=\pagegoal \advance\dimen@-\pagetotal % natural space left on page
9635 \ifdim\dimen@<2\baselineskip % Too little room on page
9636 | \message{Page has only \the\dimen@\space room left; eject. }%
9637 \eject \fb@adjheight \fb@put@frame#1#2%
9638 \else % there's appreciable room left on the page
9639 \fb@sizeofframe#1%
9640 | \message{\string\pagetotal=\the\pagetotal,
9641 | \string\pagegoal=\the\pagegoal,
9642 | \string\pagestretch=\the\pagestretch,
9643 | \string\pageshrink=\the\pageshrink,
9644 | \string\fb@frh=\the\fb@frh. \space}
9645 | \message{^^JBox of size \the\ht\@tempboxa\space}%
9646 \begingroup % temporarily set \dimen@ to be...
9647 \advance\dimen@.8\pageshrink % maximum space available on page
9648 \advance\dimen@-\fb@frh\relax % max space available for frame's contents
9649 %%% LOOKS SUBTRACTED AND ADDED, SO DOUBLE ACCOUNTING!
9650 \expandafter\endgroup
9651 % expand \ifdim, then restore \dimen@ to real room left on page
9652 \ifdim\dimen@>\ht\@tempboxa % whole box does fit
9653 | \message{fits in \the\dimen@. }%
9654 % ToDo: Change this to use vsplit anyway to capture the marks
9655 % MERGE THIS WITH THE else CLAUSE!!!
9656 \fb@putboxa#1%
9657 \fb@afterframe
9658 \else % box must be split
9659 | \message{must be split to fit in \the\dimen@. }%
9660 % update frame measurement to use \FirstFrameCommand or \MidFrameCommand
9661 \fb@sizeofframe#2%
9662 \setbox\@tempboxa\vbox{% simulate frame and flexibility of the page:
9663 \vskip \fb@frh \@plus\pagestretch \@minus.8\pageshrink
9664 \kern137sp\kern-137sp\penalty-30
9665 \unvbox\@tempboxa}%
9666 \edef\fb@resto@set{\boxmaxdepth\the\boxmaxdepth
9667 \splittopskip\the\splittopskip}%
9668 \boxmaxdepth\z@ \splittopskip\z@
9669 | \message{^^J Padded box of size \the\ht\@tempboxa\space split to \the\dimen@}%

```

```

9670      % Split box here
9671      \setbox\tw@\vsplit\@tempboxa to\dimen@
9672 |      \toks99\expandafter{\splitfirstmark}%
9673 |      \toks98\expandafter{\splitbotmark}%
9674 |      \message{Marks are: \the\toks99, \the\toks98. }%
9675      \setbox\tw@\vbox{\unvbox\tw@}% natural-sized
9676 |      \message{Natural height of split box is \the\ht\tw@, leaving
9677 |          \the\ht\@tempboxa\space remainder. }%
9678      % If the split-to size > (\vsize-\topskip), then set box to full size.
9679      \begingroup
9680      \advance\dimen@\topskip
9681      \expandafter\endgroup
9682      \ifdim\dimen@>\pagegoal
9683 |          \message{Frame is big -- Use up the full column. }%
9684              \dimen@ii\pagegoal
9685              \advance\dimen@ii -\topskip
9686              \advance\dimen@ii \FrameHeightAdjust\relax
9687      \else % suspect this is implemented incorrectly:
9688          % If the split-to size > feasible room_on_page, rebox it smaller.
9689          \advance\dimen@.8\pageshrink
9690          \ifdim\ht\tw@>\dimen@
9691 |              \message{Box too tall; rebox it to \the\dimen@. }%
9692                  \dimen@ii\dimen@
9693              \else % use natural size
9694                  \dimen@ii\ht\tw@
9695              \fi
9696      \fi
9697      % Re-box contents to desired size \dimen@ii
9698      \advance\dimen@ii -\fb@frh
9699      \setbox\tw@\vbox to\dimen@ii \bgroup
9700      % remove simulated frame and page flexibility:
9701      \vskip -\fb@frh \@plus-\pagestretch \@minus-.8\pageshrink
9702      \unvbox\tw@ \unpenalty\unpenalty
9703      \ifdim\lastkern=-137sp % whole box went to next page
9704 |          \message{box split at beginning! }%
9705              % need work here???
9706              \egroup \fb@resto@set \eject % (\vskip for frame size was discarded)
9707              \fb@adjheight
9708              \fb@put@frame#1#2% INSERTED ???
9709      \else % Got material split off at the head
9710          \egroup \fb@resto@set
9711          \ifvoid\@tempboxa % it all fit after all
9712 |              \message{box split at end! }%
9713                  \setbox\@tempboxa\box\tw@
9714                  \fb@putboxa#1%
9715                  \fb@afterframe
9716              \else % it really did split
9717 |                  \message{box split as expected. Its reboxed height is \the\ht\tw@. }%
9718                      \ifdim\wd\tw@>\z@
9719                          \wd\tw@\wd\@tempboxa

```

```

9720             \centerline{#2{\hboxL{\box\tw@}}}% ??? \centerline bad idea
9721         \else
9722 |             \message{Zero width means likely blank. Don't frame it (guess)}%
9723             \box\tw@
9724         \fi
9725         \hrule \@height\z@ \@width\hsize
9726         \eject
9727         \fb@adjheight
9728         \fb@put@frame\LastFrameCommand\MidFrameCommand
9729     \fi\fi\fi\fi\fi
9730 }
9731 \def\fb@putboxa#1{%
9732     \ifvoid\@tempboxa
9733         \PackageWarning{framed}{Boxa is void -- discard it. }%
9734     \else
9735 |         \message{Frame and place boxa. }%
9736 |         %{\showoutput\showbox\@tempboxa}%
9737         \centerline{#1{\hboxL{\box\@tempboxa}}}%
9738     \fi
9739 }
9740 \catcode'\|=\FrameRestore
9741 \def\FrameRestore{%
9742     \let\if@nobreak\iffalse
9743     \let\if@noskipsec\iffalse
9744     \let\-\@dischyph
9745     \let'\@acci\let'\@accii\let\=\@acciii
9746     % \message{FrameRestore:
9747     %     \@totalleftmargin=\the \@totalleftmargin,
9748     %     \rightmargin=\the\rightmargin,
9749     %     \@listdepth=\the\@listdepth. }%
9750     % Test if we are in a list (or list-like paragraph)
9751     \ifnum \ifdim\@totalleftmargin>\z@ 1\fi
9752         \ifdim\rightmargin>\z@ 1\fi
9753         \ifnum\@listdepth>\z@ 1\fi 0>\z@
9754         %     \message{In a list: \linewidth=\the\linewidth, \@totalleftmargin=\the\@totalleftmargin,
9755         %     \parshape=\the\parshape, \columnwidth=\the\columnwidth, \hsize=\the\hsize,
9756         %     \labelwidth=\the\labelwidth. }%
9757         \@setminipage % snug fit around the item
9758         % Now try to propageate changes of width from \hsize to list parameters.
9759         % This is deficient, but a more advanced way to indicate modification to text
9760         % dimensions is not (yet) provided; in particular, no separate left/right
9761         % adjustment.
9762         \advance\linewidth-\columnwidth \advance\linewidth\hsize
9763         \parshape\@ne \@totalleftmargin \linewidth
9764     \else % Not in list
9765         \linewidth=\hsize
9766         %\message{No list, set \string\linewidth=\the\hsize. }%
9767     \fi
9768     \sloppy
9769 }

```

7.64 ftnright-xetex-bidi.def

```
9770 \ProvidesFile{ftnright-xetex-bidi.def}[2013/04/10 v0.3 bidi adaptations for ftnright package
9771 \def\LTR@outputdblcol{\if@firstcolumn
9772   \global\@firstcolumnfalse
9773   \global\setbox\@leftcolumn\box\@outputbox
9774   \global\count\footins\@m
9775   \global\skip\footins\rcol@footinsskip
9776 \else \preparefootins
9777   \global\@firstcolumntrue
9778   \setbox\@outputbox\vbox{\hbox to\textwidth
9779     {\hbox to\columnwidth
9780       {\box\@leftcolumn\hss}%
9781       \hfil\vrule\@width\columnseprule\hfil
9782       \hbox to\columnwidth
9783         {\box\@outputbox\hss}}}%
9784   \@combinedblfloats\@outputpage
9785   \begingroup
9786     \@dblfloatplacement\@startdblcolumn
9787     \@whiles\if@fcolmade\fi
9788       {\@outputpage\@startdblcolumn}%
9789   \endgroup
9790 \fi}
9791 \def\RTL@outputdblcol{\if@firstcolumn
9792   \global\@firstcolumnfalse
9793   \global\setbox\@leftcolumn\box\@outputbox
9794   \global\count\footins\@m
9795   \global\skip\footins\rcol@footinsskip
9796 \else \preparefootins
9797   \global\@firstcolumntrue
9798   \setbox\@outputbox\vbox{\hbox to\textwidth
9799     {\hskip \columnwidth
9800       \hfil \vrule width\columnseprule \hfil
9801       \hbox to\columnwidth
9802         {\box\@leftcolumn\hss}%
9803       \hskip -\textwidth
9804       \hbox to\columnwidth
9805         {\box\@outputbox\hss}
9806       \hskip \columnsep
9807       \hskip \columnwidth}}}%
9808   \@combinedblfloats\@outputpage
9809   \begingroup
9810     \@dblfloatplacement\@startdblcolumn
9811     \@whiles\if@fcolmade\fi
9812       {\@outputpage\@startdblcolumn}%
9813   \endgroup
9814 \fi}
9815 \let\leftfootnoterule\@empty
9816 \let\rightfootnoterule\@empty
9817 \let\textwidthfootnoterule\@empty
```

```

9818 \let\autofooterule\@empty
9819 \let\footnoterule\@empty
9820 \long\def\@makefntext#1{\parindent 1em
9821   \noindent\hbox to 2em{}%
9822   \llap{\@thefnmark\hbox{.}\, \,}#1}

```

7.65 graphicx-xetex-bidi.def

```

9823 \ProvidesFile{graphicx-xetex-bidi.def}[2012/01/01 v0.4 bidi adaptations for graphicx package]
9824 \def\Grot@box@std#1#2{\ifmmode\else\if@RTL\beginL\fi\fi%
9825   \Grot@setangle{#1}%
9826   \setbox\z@\hbox{\ifmmode\if@RTL\beginR\fi#2\if@RTL\endR\fi\else\if@RTL\beginR\fi#2\if@RTL\endR\fi}%
9827   \Grot@x\z@
9828   \Grot@y\z@
9829   \Grot@box\ifmmode\else\if@RTL\endL\fi\fi}
9830 \long\def\Gscale@box#1[#2]#3{\ifmmode\else\if@RTL\beginL\fi\fi%
9831   \leavevmode
9832   \def\Gscale@x{#1}\def\Gscale@y{#2}%
9833   \setbox\z@\hbox{#3}%
9834   \setbox\tw@\hbox{\Gscale@start\rlap{\copy\z@}\Gscale@end}%
9835   \ifdim#2\p@<\z@
9836     \ht\tw@-#2\dp\z@
9837     \dp\tw@-#2\ht\z@
9838   \else
9839     \ht\tw@#2\ht\z@
9840     \dp\tw@#2\dp\z@
9841   \fi
9842   \ifdim#1\p@<\z@
9843     \hb@xt@-#1\wd\z@{\kern-#1\wd\z@\box\tw@\hss}%
9844   \else
9845     \wd\tw@#1\wd\z@
9846     \box\tw@
9847   \fi\ifmmode\else\if@RTL\endL\fi\fi}
9848 \def\Gin@iii[#1,#2][#3,#4]#5{%
9849   \begingroup
9850   \ifmmode\else\if@RTL\beginL\fi\fi
9851   \Gin@bboxtrue
9852   \Gin@defaultbp\Gin@llx{#1}%
9853   \Gin@defaultbp\Gin@lly{#2}%
9854   \Gin@defaultbp\Gin@urx{#3}%
9855   \Gin@defaultbp\Gin@ury{#4}%
9856   \Gin@include@graphics{#5}%
9857   \ifmmode\else\if@RTL\endL\fi\fi
9858   \endgroup}
9859 \def\Gin@ii[#1]#2{%
9860   \def\@tempa{[]}\def\@tempb{#2}%
9861   \ifx\@tempa\@tempb
9862     \def\@tempa{\Gin@iii[#1] []}%
9863     \expandafter\@tempa
9864   \else

```

```

9865 \begingroup
9866 \ifmmode\else\if@RTL\beginL\fi\fi
9867 \@tempswafalse
9868 \toks@{\Ginclude@graphics{#2}}%
9869 \setkeys{Gin}{#1}%
9870 \Gin@esetsize
9871 \the\toks@
9872 \ifmmode\else\if@RTL\endL\fi\fi
9873 \endgroup
9874 \fi}
9875 \def\reflectbox{\bidiGscale@box-1[1]}
9876 \long\def\bidiGscale@box#1[#2]#3{\ifmmode\else\if@RTL\beginL\fi\fi%
9877 \leavevmode
9878 \def\Gscale@x{#1}\def\Gscale@y{#2}%
9879 \setbox\z@\hbox{\ifmmode\if@RTL\beginR\fi#3\if@RTL\endR\fi\else\if@RTL\beginR\fi#3\if@RTL\endR\fi}%
9880 \setbox\tw@\hbox{\Gscale@start\rlap{\copy\z@}\Gscale@end}%
9881 \ifdim#2\p@<\z@
9882 \ht\tw@-#2\dp\z@
9883 \dp\tw@-#2\ht\z@
9884 \else
9885 \ht\tw@#2\ht\z@
9886 \dp\tw@#2\dp\z@
9887 \fi
9888 \ifdim#1\p@<\z@
9889 \hb@xt@-#1\wd\z@{\kern-#1\wd\z@\box\tw@\hss}%
9890 \else
9891 \wd\tw@#1\wd\z@
9892 \box\tw@
9893 \fi\ifmmode\else\if@RTL\endL\fi\fi}
9894 \def\scalebox#1{%
9895 \@ifnextchar[{\bidiGscale@box{#1}}{\bidiGscale@box{#1}[#1]}}
9896 \def\resizebox{%
9897 \leavevmode
9898 \@ifstar{\bidiGscale@@box\totalheight}{\bidiGscale@@box\height}}
9899 \def\bidiGscale@@box#1#2#3{%
9900 \let@tempa\Gin@exclamation
9901 \expandafter\def\expandafter\@tempb\expandafter{\string#2}%
9902 \expandafter\def\expandafter\@tempc\expandafter{\string#3}%
9903 \ifx\@tempb\@tempa
9904 \ifx\@tempc\@tempa
9905 \toks@{\mbox}%
9906 \else
9907 \toks@{\bidiGscale@box@dd{#3}#1}%
9908 \fi
9909 \else
9910 \ifx\@tempc\@tempa
9911 \toks@{\bidiGscale@box@dd{#2}\width}%
9912 \else
9913 \toks@{\bidiGscale@box@ddd{#2}\width{#3}#1}%
9914 \fi

```

```

9915 \fi
9916 \the\toks@}
9917 \long\def\bidigscale@box@dd#1#2#3{%
9918 \begin@tempboxa\hbox{\ifmmode\if@RTL\beginR\fi#3\if@RTL\endR\fi\else\if@RTL\beginR\fi#3\if
9919 \setlength\@tempdima{#1}%
9920 \setlength\@tempdimb{#2}%
9921 \Gscale@div\@tempa\@tempdima\@tempdimb
9922 \Gscale@box\@tempa[\@tempa]{\box\@tempboxa}%
9923 \@end@tempboxa}
9924 \long\def\bidigscale@box@dddd#1#2#3#4#5{%
9925 \begin@tempboxa\hbox{\ifmmode\if@RTL\beginR\fi#5\if@RTL\endR\fi\else\if@RTL\beginR\fi#5\if
9926 \setlength\@tempdima{#1}%
9927 \setlength\@tempdimb{#2}%
9928 \Gscale@div\@tempa\@tempdima\@tempdimb
9929 \setlength\@tempdima{#3}%
9930 \setlength\@tempdimb{#4}%
9931 \Gscale@div\@tempb\@tempdima\@tempdimb
9932 \ifGin@iso
9933 \ifdim\@tempa\p@>\@tempb\p@
9934 \let\@tempa\@tempb
9935 \else
9936 \let\@tempb\@tempa
9937 \fi
9938 \fi
9939 \Gscale@box\@tempa[\@tempb]{\box\@tempboxa}%
9940 \@end@tempboxa}

```

7.66 geometry-xetex-bidi.def

```

9941 \ProvidesFile{geometry-xetex-bidi.def}[2013/04/01 v0.1 bidi adaptations for geometry package]
9942 \renewcommand*{\Gm@vrules@mpi}{%
9943 \if@RTLmain%
9944 \hb@xt@\@tempdima{\hskip-\marginparwidth\hskip-\marginparsep
9945 \llap{\Gm@vrule}\ignorespaces
9946 \hskip \marginparwidth\rlap{\Gm@vrule}\hskip \marginparsep
9947 \llap{\Gm@vrule}\hskip\textwidth\rlap{\Gm@vrule}\hss}%
9948 \else%
9949 \hb@xt@\@tempdima{\llap{\Gm@vrule}\ignorespaces
9950 \hskip \textwidth\Gm@vrule\hskip \marginparsep
9951 \llap{\Gm@vrule}\hfil\Gm@vrule}\fi}%
9952 \renewcommand*{\Gm@vrules@mpii}{%
9953 \if@RTLmain%
9954 \hb@xt@\@tempdima{\llap{\Gm@vrule}\ignorespaces
9955 \hskip \textwidth\Gm@vrule\hskip \marginparsep
9956 \llap{\Gm@vrule}\hfil\Gm@vrule}%
9957 \else%
9958 \hb@xt@\@tempdima{\hskip-\marginparwidth\hskip-\marginparsep
9959 \llap{\Gm@vrule}\ignorespaces
9960 \hskip \marginparwidth\rlap{\Gm@vrule}\hskip \marginparsep
9961 \llap{\Gm@vrule}\hskip\textwidth\rlap{\Gm@vrule}\hss}\fi}%

```


9962

7.67 hvfloat-xetex-bidi.def

```
9963 \ProvidesFile{hvfloat-xetex-bidi.def}[2012/04/18 v0.2 bidi adaptations for hvfloat package for xetex]
9964 \def\do@hvFloat[#1]#2#3{%
9965 \def\hv@shortCap{#1}
9966 \def\hv@longCap{#2}
9967 \def\hv@label{#3}
9968 %\newcommand*{\hvFloat}[5][]{%
9969 % #1: keyvalues
9970 % #2: type figure | table | ...
9971 % #3: float contents
9972 % #4: short caption
9973 % #5: caption
9974 % #6: label
9975 % \setDefaults%
9976 % \def@tempa{#1}%
9977 % \ifx\@tempa\empty\else\setkeys{hvSet}{#1}\fi% set options, only when not empty
9978 \def@tempa{90}%
9979 \ifx\hvSet@rotAngle\@tempa \setlength{\hvMaxCapWidth}{\textheight}
9980 \else \setlength{\hvMaxCapWidth}{\linewidth}
9981 \fi
9982 %
9983 % First we save the object in \hvObjectBox
9984 %
9985 \ifx\hvSet@objectAngle\hv@Zero % rotate the object?
9986 \savebox{\hvObjectBox}{\ifhv@useOBox\usebox{\hvOBox}\else\hv@floatObject\fi}
9987 \else
9988 \savebox{\hvObjectBox}{%
9989 \rotatebox{\hvSet@objectAngle}{%
9990 \ifhv@useOBox\usebox{\hvOBox}\else\hv@floatObject\fi}}
9991 \fi
9992 \setlength{\hvObjectWidth}{\wd\hvObjectBox}
9993 %
9994 % Now we save the caption with its defined \hvCapWidth
9995 %
9996 \ifx\hvSet@capWidth\hv@Width\setlength{\hvCapWidth}{\hvObjectWidth}
9997 \else
9998 \ifx\hvSet@capWidth\hv@Height\setlength{\hvCapWidth}{\ht\hvObjectBox}
9999 \else
10000 \setlength{\hvCapWidth}{\hvObjectWidth}
10001 \ifx\hvSet@capPos\hv@Left\addtolength{\hvMaxCapWidth}{-\hvObjectWidth}\fi
10002 \ifx\hvSet@capPos\hv@Right\addtolength{\hvMaxCapWidth}{-\hvObjectWidth}\fi
10003 \ifdim\hvSet@capWidth\columnwidth<\hvMaxCapWidth
10004 \setlength{\hvCapWidth}{\hvSet@capWidth\columnwidth}
10005 \else
10006 \setlength{\hvCapWidth}{\hvMaxCapWidth}
10007 \fi
10008 \fi
```

```

10009 \fi
10010 %
10011 % now we have the object and the caption with the right
10012 % rotated angles saved in boxes
10013 %
10014 \def\fps@figure{\hvSet@floatPos}
10015 \ifhv@nonFloat\begin{group}% Start the nonfloat part
10016 \else \begin{\hv@floatType}% Start the floating environment
10017 \fi%
10018 \saveCaptionSkip% we put this space ourselves
10019 \ifx\hvSet@capAngle\hv@Width % need rotation?
10020 \sbox{\hvCaptionBox}{%
10021 \begin{minipage}[b]{\hvCapWidth}% minipage, to get hyphenation
10022 \ifhv@nonFloat%
10023 \ifhv@onlyText#2%
10024 \else%
10025 \ifx\hv@floatType\hv@figure
10026 \ifx\relax#1\relax \figcaption{#2}\else\figcaption[1]{#2}\fi
10027 \else
10028 \ifx\relax#1\relax \tabcaption{#2}\else\tabcaption[1]{#2}\fi%
10029 \fi
10030 \fi
10031 \else\ifx\relax\hv@shortCap\relax\caption{#2}\else\caption[1]{#2}\fi%
10032 \fi%
10033 \label{#3}%
10034 \end{minipage}%
10035 }%
10036 \else%
10037 \sbox{\hvCaptionBox}{%
10038 \rotatebox{\hvSet@capAngle}{%
10039 \begin{minipage}[b]{\hvCapWidth}% minipage, to get hyphenation
10040 \ifhv@nonFloat%
10041 \ifhv@onlyText#2%
10042 \else%
10043 \ifx\hv@floatType\hv@figure
10044 \ifx\relax#1\relax \figcaption{#2}\else\figcaption[1]{#2}\fi
10045 \else
10046 \ifx\relax#1\relax \tabcaption{#2}\else\tabcaption[1]{#2}\fi%
10047 \fi
10048 \fi
10049 \else\ifx\relax\hv@shortCap\relax\caption{#2}\else\caption[1]{#2}\fi%
10050 \fi%
10051 \label{#3}%
10052 \end{minipage}%
10053 }%
10054 }%
10055 \fi%
10056 %%
10057 \restoreCaptionSkip% save old values
10058 \ifx\hvSet@objectPos\hv@Right\bidiraggedleft%

```

```

10059 \else%
10060 \ifx\hvSet@objectPos\hv@Center
10061 \ifhv@nonFloat\hspace*{\fill}\else\centering\fi%
10062 \fi%
10063 \fi%
10064 %
10065 % to rotate object and caption together, we save all in another box
10066 % the caption comes first, if its on the left or the top
10067 %
10068 \savebox{\@tempboxa}{%
10069 \ifx\hvSet@capPos\hv@Left % caption on left side
10070 \if@RTL%
10071 \ifx\hvSet@capVPos\hv@Center%
10072 \ifhv@fbox
10073 \fbox{\parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}}
10074 \else
10075 \parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}
10076 \fi%
10077 \hspace{\hvSet@floatCapSep pt}%
10078 \ifhv@fbox
10079 \fbox{\parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}}%
10080 \else
10081 \parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}
10082 \fi%
10083 \else%
10084 \ifx\hvSet@capVPos\hv@Top
10085 \ifhv@fbox
10086 \fbox{\raisebox{-\height}{\usebox{\hvObjectBox}}}%
10087 \else
10088 \raisebox{-\height}{\usebox{\hvObjectBox}}%
10089 \fi%
10090 \hspace{\hvSet@floatCapSep pt}%
10091 \ifhv@fbox
10092 \fbox{\raisebox{-\height}{\usebox{\hvCaptionBox}}}%
10093 \else
10094 \raisebox{-\height}{\usebox{\hvCaptionBox}}%
10095 \fi
10096 \else
10097 \ifhv@fbox
10098 \fbox{\usebox{\hvObjectBox}}%
10099 \else
10100 \usebox{\hvObjectBox}%
10101 \fi
10102 \hspace{\hvSet@floatCapSep pt}%
10103 \ifhv@fbox
10104 \fbox{\usebox{\hvCaptionBox}}%
10105 \else
10106 \usebox{\hvCaptionBox}%
10107 \fi%
10108 \fi%

```

```

10109 \fi%
10110 \else% not RTL
10111     \ifx\hvSet@capVPos\hv@Center%
10112         \ifhv@fbox\fbbox{\parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}}%
10113         \else         \parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}%
10114         \fi%
10115         \hspace{\hvSet@floatCapSep pt}% capfloatsep
10116         \ifhv@fbox\fbbox{\parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}}%
10117         \else         \parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}
10118         \fi%
10119 \else%
10120     \ifx\hvSet@capVPos\hv@Top % caption at top
10121         \ifhv@fbox\fbbox{\raisebox{-\height}{\usebox{\hvCaptionBox}}}%
10122         \else         \raisebox{-\height}{\usebox{\hvCaptionBox}}%
10123         \fi
10124         \hspace{\hvSet@floatCapSep pt}% capfloatsep
10125         \ifhv@fbox\fbbox{\raisebox{-\height}{\usebox{\hvObjectBox}}}%
10126         \else         \raisebox{-\height}{\usebox{\hvObjectBox}}%
10127         \fi%
10128     \else% caption on bottom
10129         \ifhv@fbox\fbbox{\usebox{\hvCaptionBox}}
10130         \else\usebox{\hvCaptionBox}
10131         \fi%
10132         \hspace{\hvSet@floatCapSep pt}%
10133         \ifhv@fbox\fbbox{\usebox{\hvObjectBox}}
10134         \else         \usebox{\hvObjectBox}
10135         \fi%
10136     \fi%
10137 \fi% end of RTL
10138 \fi%
10139 \else
10140 \ifx\hvSet@capPos\hv@Top
10141 \ifdim\wd\hvCaptionBox>\wd\hvObjectBox
10142 \begin{minipage}{\wd\hvCaptionBox}
10143 \else
10144 \begin{minipage}{\wd\hvObjectBox}
10145 \fi
10146 \centering
10147 \ifhv@fbox
10148 \fbbox{\usebox{\hvCaptionBox}}\[\hvBelowCaptionSkip]
10149 \fbbox{\usebox{\hvObjectBox}}
10150 \else
10151 \usebox{\hvCaptionBox}\[\hvBelowCaptionSkip]
10152 \usebox{\hvObjectBox}
10153 \fi%
10154 \end{minipage}
10155 \else
10156 \ifx\hvSet@capPos\hv@Bottom
10157 \ifdim\wd\hvCaptionBox>\wd\hvObjectBox
10158 \begin{minipage}{\wd\hvCaptionBox}

```

```

10159 \else
10160 \begin{minipage}{\wd\hvObjectBox}
10161 \fi
10162 \centering
10163 \ifhv@fbox
10164 \fbox{\usebox{\hvObjectBox}}\[\hvAboveCaptionSkip]
10165 \fbox{\usebox{\hvCaptionBox}}
10166 \else
10167 \usebox{\hvObjectBox}\[\hvAboveCaptionSkip]
10168 \usebox{\hvCaptionBox}
10169 \fi%
10170 \end{minipage}
10171 \else% the last option: put the caption on the right
10172 \if@RTL%
10173     \ifx\hvSet@capVPos\hv@Center%
10174         \ifhv@fbox\fbox{\parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}}%
10175     \else         \parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}%
10176     \fi%
10177     \hspace{\hvSet@floatCapSep pt}% capfloatsep
10178     \ifhv@fbox\fbox{\parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}}
10179 \else         \parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}
10180 \fi%
10181 \else%
10182     \ifx\hvSet@capVPos\hv@Top % caption at top
10183         \ifhv@fbox\fbox{\raisebox{-\height}{\usebox{\hvCaptionBox}}}%
10184     \else         \raisebox{-\height}{\usebox{\hvCaptionBox}}%
10185     \fi
10186     \hspace{\hvSet@floatCapSep pt}% capfloatsep
10187     \ifhv@fbox\fbox{\raisebox{-\height}{\usebox{\hvObjectBox}}}
10188 \else         \raisebox{-\height}{\usebox{\hvObjectBox}}%
10189 \fi%
10190 \else% caption on bottom
10191     \ifhv@fbox\fbox{\usebox{\hvCaptionBox}}
10192     \else\usebox{\hvCaptionBox}
10193     \fi%
10194     \hspace{\hvSet@floatCapSep pt}%
10195     \ifhv@fbox\fbox{\usebox{\hvObjectBox}}
10196 \else         \usebox{\hvObjectBox}
10197 \fi%
10198 \fi%
10199 \fi%
10200 \else% not RTL
10201 \ifx\hvSet@capVPos\hv@Center%
10202 \ifhv@fbox
10203 \fbox{\parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}}
10204 \else
10205 \parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}
10206 \fi%
10207 \hspace{\hvSet@floatCapSep pt}%
10208 \ifhv@fbox

```

```

10209 \fbox{\parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}}%
10210 \else
10211 \parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}
10212 \fi%
10213 \else%
10214 \ifx\hvSet@capVPos\hv@Top
10215 \ifhv@fbox
10216 \fbox{\raisebox{-\height}{\usebox{\hvObjectBox}}}%
10217 \else
10218 \raisebox{-\height}{\usebox{\hvObjectBox}}%
10219 \fi%
10220 \hspace{\hvSet@floatCapSep pt}%
10221 \ifhv@fbox
10222 \fbox{\raisebox{-\height}{\usebox{\hvCaptionBox}}}%
10223 \else
10224 \raisebox{-\height}{\usebox{\hvCaptionBox}}%
10225 \fi
10226 \else
10227 \ifhv@fbox
10228 \fbox{\usebox{\hvObjectBox}}%
10229 \else
10230 \usebox{\hvObjectBox}%
10231 \fi
10232 \hspace{\hvSet@floatCapSep pt}%
10233 \ifhv@fbox
10234 \fbox{\usebox{\hvCaptionBox}}%
10235 \else
10236 \usebox{\hvCaptionBox}%
10237 \fi%
10238 \fi%
10239 \fi
10240 \fi% end of RTL
10241 \fi
10242 \fi
10243 \fi
10244 }% End savebox Object and caption
10245 %
10246 % now we rotate the object and caption, if needed
10247 %
10248 \ifx\hvSet@rotAngle\hv@Zero
10249 \usebox{\@tempboxa}
10250 \else
10251 \rotatebox{\hvSet@rotAngle}{\usebox{\@tempboxa}}
10252 \fi
10253 \ifhv@nonFloat
10254 \ifx\hvSet@objectPos\hv@Center
10255 \ifhv@nonFloat
10256 \hspace{\fill}
10257 \fi
10258 \fi

```

```

10259 \endgroup% End the nonfloat part
10260 \else
10261 \end{\hv@floatType}% End the floating environment
10262 \fi
10263 }

```

7.68 hyperref-xetex-bidi.def

```

10264 \ProvidesFile{hyperref-xetex-bidi.def}[2013/04/08 v0.7 bidi adaptations for hyperref package]
10265 \AtBeginDocument{%
10266 \def\contentsline#1#2#3#4{%
10267   \ifx\\#4\\%
10268     \csname l@#1\endcsname{#2}{#3}%
10269   \else
10270     \ifcase\Hy@linktoc % none
10271       \csname l@#1\endcsname{#2}{#3}%
10272     \or % section
10273       \csname l@#1\endcsname{%
10274         \beginL\hyper@linkstart{link}{#4}{\if@RTL\beginR\fi#2\if@RTL\endR\fi}\hyper@linkend\endL
10275       }{#3}%
10276     \or % page
10277       \csname l@#1\endcsname{{#2}}{%
10278         \beginL\hyper@linkstart{link}{#4}{#3}\hyper@linkend\endL
10279       }%
10280     \else % all
10281       \csname l@#1\endcsname{%
10282         \beginL\hyper@linkstart{link}{#4}{\if@RTL\beginR\fi#2\if@RTL\endR\fi}\hyper@linkend\endL
10283       }{%
10284         \beginL\hyper@linkstart{link}{#4}{#3}\hyper@linkend\endL
10285       }%
10286     \fi
10287   \fi
10288 }
10289 \ifHy@hyperfootnotes
10290   \let\H@@footnotetext\@footnotetext
10291   \let\HRTL@RTLfootnotetext\@RTLfootnotetext
10292   \let\HLTR@LTRfootnotetext\@LTRfootnotetext
10293   \def\@xfootnotenext[#1]{%
10294     \begingroup
10295       \csname c@\mpfn\endcsname #1\relax
10296       \unrestored@protected@xdef\@thefnmark{\thempfn}%
10297     \endgroup
10298     \ifx\@footnotetext\@mpfootnotetext
10299       \expandafter\H@@mpfootnotetext
10300     \else
10301       \expandafter\H@@footnotetext
10302     \fi
10303   }%
10304   \def\@xRTLfootnotenext[#1]{%
10305     \begingroup

```

```

10306      \csname c@\mpfn\endcsname #1\relax
10307      \unrestored@protected@xdef\@thefnmark{\thempfn}%
10308  \endgroup
10309  \ifx\@RTLfootnotetext\@mpRTLfootnotetext
10310      \expandafter\HRTL@\mpRTLfootnotetext
10311  \else
10312      \expandafter\HRTL@\RTLfootnotetext
10313  \fi
10314  }%
10315  \def\@xLTRfootnotenext[#1]{%
10316  \begingroup
10317      \csname c@\mpfn\endcsname #1\relax
10318      \unrestored@protected@xdef\@thefnmark{\thempfn}%
10319  \endgroup
10320  \ifx\@LTRfootnotetext\@mpLTRfootnotetext
10321      \expandafter\HLTR@\mpLTRfootnotetext
10322  \else
10323      \expandafter\HLTR@\LTRfootnotetext
10324  \fi
10325  }%
10326  \def\@xfootnotemark[#1]{%
10327  \begingroup
10328      \c@footnote #1\relax
10329      \unrestored@protected@xdef\@thefnmark{\thefootnote}%
10330  \endgroup
10331  \H@\@footnotemark
10332  }%
10333  \let\H@\mpfootnotetext\@mpfootnotetext
10334  \let\HRTL@\mpRTLfootnotetext\@mpRTLfootnotetext
10335  \let\HLTR@\mpLTRfootnotetext\@mpLTRfootnotetext
10336  \long\def\@mpfootnotetext#1{%
10337  \H@\mpfootnotetext{%
10338      \ifHy@nesting
10339          \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
10340      \else
10341          \Hy@raisedlink{%
10342              \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
10343              }#1%
10344      \fi
10345  }%
10346  }%
10347  \long\def\@mpRTLfootnotetext#1{%
10348  \HRTL@\mpRTLfootnotetext{%
10349      \ifHy@nesting
10350          \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
10351      \else
10352          \Hy@raisedlink{%
10353              \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
10354              }#1%
10355      \fi

```



```

10356     }%
10357 }%
10358 \long\def\@mplTRfootnotetext#1{%
10359 \HLTR@@mplTRfootnotetext{%
10360   \ifHy@nesting
10361     \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
10362   \else
10363     \Hy@raisedlink{%
10364       \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
10365     }#1%
10366   \fi
10367 }%
10368 }%
10369 \long\def\@footnotetext#1{%
10370 \H@@footnotetext{%
10371   \ifHy@nesting
10372     \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
10373   \else
10374     \Hy@raisedlink{%
10375       \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
10376     }%
10377     \let\@currentHlabel\Hy@footnote@currentHlabel
10378     \let\@currentHref\Hy@footnote@currentHref
10379     \let\@currentlabelname\@empty
10380     #1%
10381   \fi
10382 }%
10383 }%
10384 \long\def\@RTLfootnotetext#1{%
10385 \HRTL@@RTLfootnotetext{%
10386   \ifHy@nesting
10387     \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
10388   \else
10389     \Hy@raisedlink{%
10390       \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
10391     }%
10392     \let\@currentHlabel\Hy@footnote@currentHlabel
10393     \let\@currentHref\Hy@footnote@currentHref
10394     \let\@currentlabelname\@empty
10395     #1%
10396   \fi
10397 }%
10398 }%
10399 \long\def\@LTRfootnotetext#1{%
10400 \HLTR@@LTRfootnotetext{%
10401   \ifHy@nesting
10402     \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
10403   \else
10404     \Hy@raisedlink{%
10405       \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%

```

```

10406         }%
10407         \let\@currentHlabel\Hy@footnote@currentHlabel
10408         \let\@currentHref\Hy@footnote@currentHref
10409         \let\@currentlabelname\@empty
10410         #1%
10411     \fi
10412 }%
10413 }%
10414 \def\@footnotemark{%
10415     \leavevmode
10416     \ifhmode\edef\x@sf{\the\spacefactor}\nobreak\fi
10417     \stepcounter{Hfootnote}%
10418     \global\let\Hy@samed@currentHlabel\@currentHlabel
10419     \global\let\Hy@samed@currentHref\@currentHref
10420     \hyper@makecurrent{Hfootnote}%
10421     \global\let\Hy@footnote@currentHlabel\@currentHlabel
10422     \global\let\Hy@footnote@currentHref\@currentHref
10423     \global\let\@currentHlabel\Hy@samed@currentHlabel
10424     \global\let\@currentHref\Hy@samed@currentHref
10425     \beginL\hyper@linkstart{link}{\Hy@footnote@currentHref}%
10426     \@makefnmark
10427     \hyper@linkend\endL
10428     \ifhmode\spacefactor\x@sf\fi
10429     \relax
10430 }%
10431 \let\HyOrg@maketitle\maketitle
10432 \def\maketitle{%
10433     \let\Hy@samed@footnotemark\@footnotemark
10434     \let\Hy@samed@footnotetext\@footnotetext
10435     \let\HyRTL@samed@RTLfootnotetext\@RTLfootnotetext
10436     \let\HyLTR@samed@LTRfootnotetext\@LTRfootnotetext
10437     \let\@footnotemark\H@@footnotemark
10438     \let\@footnotetext\H@@footnotetext
10439     \let\@RTLfootnotetext\HRTL@@RTLfootnotetext
10440     \let\@LTRfootnotetext\HLTR@@LTRfootnotetext
10441     \@ifnextchar[\Hy@maketitle@optarg{% ]
10442         \HyOrg@maketitle
10443         \Hy@maketitle@end
10444     }%
10445 }%
10446 \def\Hy@maketitle@optarg[#1]{%
10447     \HyOrg@maketitle[#{#1}]%
10448     \Hy@maketitle@end
10449 }%
10450 \def\Hy@maketitle@end{%
10451     \ifx\@footnotemark\H@@footnotemark
10452         \let\@footnotemark\Hy@samed@footnotemark
10453     \fi
10454     \ifx\@footnotetext\H@@footnotetext
10455         \let\@footnotetext\Hy@samed@footnotetext

```

```

10456 \fi
10457 \ifx\@RTLfootnotetext\HRTL\@RTLfootnotetext
10458 \let\@RTLfootnotetext\HyRTL\@saved@RTLfootnotetext
10459 \fi
10460 \ifx\@LTRfootnotetext\HLTR\@LTRfootnotetext
10461 \let\@LTRfootnotetext\HyLTR\@saved@LTRfootnotetext
10462 \fi
10463 }%
10464 \def\realfootnote{%
10465 \ifnextchar[\@xfootnote{%
10466 \stepcounter{\@mpfn}%
10467 \protected@xdef\@thefnmark{\thempfn}%
10468 \H@@footnotemark\H@@footnotetext
10469 }%
10470 }%
10471 \fi
10472 \def\hyper@link#1#2#3{%
10473 \ifmmode\else\beginL\fi\hyper@linkstart{#1}{#2}\ifmmode\else\if@RTL\beginR\fi\fi#3\ifmmode\else\endR\fi
10474 }
10475 \def\url@#1{\beginL\hyper@linkurl{\Hurl{#1}}{#1}\endL}
10476 \def\hyper@natlinkstart#1{%
10477 \Hy@backout{#1}%
10478 \beginL\hyper@linkstart{cite}{cite.#1}\if@RTL\beginR\fi%
10479 \def\hyper@nat@current{#1}%
10480 }
10481 \def\hyper@natlinkend{%
10482 \if@RTL\endR\fi\hyper@linkend\endL
10483 }
10484 \def\hyper@natlinkbreak#1#2{%
10485 \if@RTL\endR\fi\hyper@linkend\endL#1\beginL\hyper@linkstart{cite}{cite.#2}\if@RTL\beginR\fi%
10486 }%
10487 }
10488 \begingroup
10489 \catcode'\$=6 %
10490 \catcode'\#=12 %
10491 \gdef\href@\$1{\expandafter\href@split$1##\}%
10492 \gdef\href@split$1$2#$3\\$4{%
10493 \beginL\hyper@@link{#1}{#2}{\if@RTL\beginR\fi$4\if@RTL\endR\fi}\endL%
10494 \endgroup
10495 }%
10496 \endgroup
10497 \pdfstringdefDisableCommands{%
10498 \let\LRE\@firstofone
10499 \let\LR\@firstofone
10500 \let\RLE\@firstofone
10501 \let\RL\@firstofone
10502 \def\XeTeX{Xe\TeX}
10503 \def\XeLaTeX{Xe\LaTeX}
10504 }

```

7.69 leqno-xetex-bidi.def

```
10505 \ProvidesFile{leqno-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for leqno tag for XeTeX
10506 \renewcommand\@eqnnum{\hb@xt@.01\p@{}}%
10507 \rlap{
10508 \hskip -\displaywidth{\normalfont\normalcolor\if@RTL\beginR\fi(\theeqnnum\fi\theeqnnum}
```

7.70 letter-xetex-bidi.def

```
10509 \ProvidesFile{letter-xetex-bidi.def}[2010/07/25 v0.2 bidi adaptations for standard letter cla
10510 \renewcommand*\opening[1]{\ifx\@empty\fromaddress
10511 \thispagestyle{firstpage}%
10512 {\if@RTL\raggedright\else\raggedleft\fi\@date\par}%
10513 \else % home address
10514 \thispagestyle{empty}%
10515 {\if@RTL\raggedright\else\raggedleft\fi\if@RTL\begin{tabular}{r@{}}\else\begin{tabular}{l@{}}
10516 \fromaddress \[*[2\parskip]%
10517 \@date \end{tabular}\par}%
10518 \fi
10519 \vspace{2\parskip}%
10520 {\if@RTL\raggedleft\else\raggedright\fi \toname \ \ toaddress \par}%
10521 \vspace{2\parskip}%
10522 #1\par\nobreak}
10523 \renewcommand\left@footnoterule{%
10524 \kern-\p@
10525 \hrule \@width .4\columnwidth
10526 \kern .6\p@}
10527 \renewcommand\right@footnoterule{%
10528 \hbox to \columnwidth
10529 {\beginR \vbox{%
10530 \kern-\p@
10531 \hrule \@width .4\columnwidth
10532 \kern .6\p@}\hfil\endR}}
```

7.71 lettrine-xetex-bidi.def

```
10533 \ProvidesFile{lettrine-xetex-bidi.def}[2013/04/10 v0.2 bidi adaptations for lettrine package
10534 \def\@lettrine[#1]#2#3{%
10535 \setcounter{L@lines}{\theDefaultLines}%
10536 \renewcommand*\L@hang{\DefaultLhang}%
10537 \renewcommand*\L@oversize{\DefaultLoversize}%
10538 \renewcommand*\L@raise{\DefaultLraise}%
10539 \renewcommand*\L@ante{\}%
10540 \setlength{\L@Findent}{\DefaultFindent}%
10541 \setlength{\L@Nindent}{\DefaultNindent}%
10542 \setlength{\L@slope}{\DefaultSlope}%
10543 \ifLettrineImage\L@image>true\else\L@image>false\fi
10544 \if\DefaultOptionsFile\relax
10545 \else
10546 \begingroup
10547 \InputIfFileExists{\DefaultOptionsFile}%
10548 {}%
```

```

10549     {\PackageWarning{lettrine.sty}%
10550       {File \DefaultOptionsFile\space not found}%
10551     }%
10552     \def\color##1##{\l@color{##1}}%
10553     \let\l@color\@gobbletwo
10554     \def\textcolor##1##{\l@textcolor{##1}}%
10555     \def\l@textcolor##1##2##3{##3}%
10556     \expandafter\ifx\csname l@#2-keys\endcsname\relax
10557       \gdef\l@LOKeys{%
10558         \else
10559         \xdef\l@LOKeys{\csname l@#2-keys\endcsname}%
10560       \fi
10561     \endgroup
10562     \def\KV@prefix{KV@L@}%
10563     \let\@tempc\relax
10564     \expandafter\KV@do\l@LOKeys,\relax,
10565     \sbox{\L@lbox}{\LettrineFont #2}%
10566     \settowidth{\LettrineWidth}{\usebox{\L@lbox}}%
10567     \def\KV@prefix{KV@L@}%
10568     \let\@tempc\relax
10569     \expandafter\KV@do\l@LOKeys,\relax,
10570     \fi
10571     \setkeys{L}{#1}%
10572     \ifL@image
10573       \sbox{\L@lbox}{\LettrineFontEPS{#2}}%
10574     \else
10575       \sbox{\L@lbox}{\LettrineFont #2}%
10576     \fi
10577     \sbox{\L@tbox}{\LettrineTextFont{#3}}%
10578     \@tempdima=\baselineskip
10579     \ifnum\theL@lines=1
10580       \setlength{\L@first}{\ht\L@lbox}%
10581       \addtolength{\L@first}{-\ht\L@tbox}%
10582       \setlength{\L@lraise}{\z@}%
10583     \else
10584       \setlength{\L@first}{-\theL@lines\@tempdima}%
10585       \addtolength{\L@first}{\@tempdima}%
10586       \sbox{\@tempboxa}{\LettrineTextFont x}%
10587       \addtolength{\L@first}{-\ht\@tempboxa}%
10588       \setlength{\L@lraise}{-\L@raise\L@first}%
10589       \addtolength{\L@first}{\L@lraise}%
10590       \addtolength{\L@first}{\ht\L@lbox}%
10591       \addtolength{\L@lraise}{-\theL@lines\@tempdima}%
10592       \addtolength{\L@lraise}{\@tempdima}%
10593     \fi
10594     \par
10595     \ifdim\L@first>0.2\p@\vskip\L@first\fi
10596     \setlength{\L@Pindent}{\wd\L@lbox}%
10597     \addtolength{\L@Pindent}{-\L@hang\wd\L@lbox}%
10598     \settowidth{\L@first}{\L@ante}%

```

```

10599 \addtolength{\L@Pindent}{\L@first}%
10600 \addtolength{\L@Pindent}{\L@Findent}%
10601 \setlength{\L@first}{\linewidth}%
10602 \addtolength{\L@first}{-\L@Pindent}%
10603 \addtolength{\L@Nindent}{\L@Pindent}%
10604 \setlength{\L@next}{\linewidth}%
10605 \addtolength{\L@next}{-\L@Nindent}%
10606 \addtolength{\L@Pindent}{\rightmargin}%
10607 \addtolength{\L@Nindent}{\rightmargin}%
10608 \addtocounter{L@lines}{1}%
10609 \ifRTL\def\L@parshape{\c@L@lines Opt \the\L@first}\else\def\L@parshape{\c@L@lines \the\L@P
10610 \@tempcnta=\tw@
10611 \@whilenum \@tempcnta<\c@L@lines\do{%
10612     \ifRTL\edef\L@parshape{\L@parshape Opt \the\L@next}\else\edef\L@parshape{\L@parshape \t
10613     \addtolength{\L@Nindent}{\L@slope}%
10614     \addtolength{\L@next}{-\L@slope}%
10615     \advance\@tempcnta\@ne}%
10616 \ifRTL \edef\L@parshape{\L@parshape Opt \the\linewidth}\else\edef\L@parshape{\L@parshape \
10617 \noindent
10618 \parshape=\L@parshape\relax
10619 \smash{\llap{\mbox{\L@ante}\raisebox{\L@lraise}{\usebox{\L@lbox}}}%
10620     \hskip \the\L@Findent}}%
10621 \usebox{\L@tbox}}

```

7.72 listings-xetex-bidi.def

```

10622 \ProvidesFile{listings-xetex-bidi.def}[2010/07/25 v0.5 bidi adaptations for listings package]
10623 \AtBeginDocument{
10624     \@ifundefined{thechapter}{\let\lst@ifnumberbychapter\iffalse}{%
10625     \lst@ifnumberbychapter
10626         \gdef\thelstlisting%
10627             {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@lstlisting}
10628     \else
10629         \gdef\thelstlisting{\@arabic\c@lstlisting}
10630     \fi}

```

7.73 loadingorder-xetex-bidi.def

```

10631 \ProvidesFile{loadingorder-xetex-bidi.def}[2013/05/22 v0.95 making sure that bidi is the last]
10632 \bidi@isloaded{amsmath}
10633 \bidi@isloaded{amstext}
10634 \bidi@isloaded{amsthm}
10635 \bidi@isloaded{breqn}
10636 \bidi@isloaded{cals}
10637 \bidi@isloaded{caption}
10638 \bidi@isloaded{crop}
10639 \bidi@isloaded{cuted}
10640 \bidi@isloaded{cutwin}
10641 \bidi@isloaded{color}
10642 \bidi@isloaded{dblfnote}
10643 \bidi@isloaded{xcolor}

```

```

10644 \bidi@isloaded{colortbl}
10645 \bidi@isloaded{float}
10646 \bidi@isloaded{floatrow}
10647 \bidi@isloaded{flowfram}
10648 \bidi@isloaded{framed}
10649 \bidi@isloaded{ftnright}
10650 \bidi@isloaded{xltxtra}
10651 \bidi@isloaded{xunicode}
10652 \bidi@isloaded{wrapfig}
10653 \bidi@isloaded{graphicx}
10654 \bidi@isloaded{geometry}
10655 \bidi@isloaded{hvfloat}
10656 \bidi@isloaded{mdframed}
10657 \bidi@isloaded{midfloat}
10658 \bidi@isloaded{ntheorem}
10659 \bidi@isloaded{ntheorem-hyper}
10660 \bidi@isloaded{hyperref}
10661 \bidi@isloaded{fancybox}
10662 \bidi@isloaded{fancyhdr}
10663 \bidi@isloaded{fix2col}
10664 \bidi@isloaded{draftwatermark}
10665 \bidi@isloaded{empheq}
10666 \bidi@isloaded{pdfpages}
10667 \bidi@isloaded{listings}
10668 \bidi@isloaded{lettrine}
10669 \bidi@isloaded{pstricks}
10670 \bidi@isloaded{pgf}
10671 \bidi@isloaded{picinpar}
10672 \bidi@isloaded{quotchap}
10673 \bidi@isloaded{tikz}
10674 \bidi@isloaded{titlesec}
10675 \bidi@isloaded{titletoc}
10676 \bidi@isloaded{array}
10677 \bidi@isloaded{stabular}
10678 \bidi@isloaded{subfig}
10679 \bidi@isloaded{subfigure}
10680 \bidi@isloaded{supertabular}
10681 \bidi@isloaded{xtab}
10682 \bidi@isloaded{longtable}
10683 \bidi@isloaded{arydshln}
10684 \bidi@isloaded{multicol}
10685 \bidi@isloaded{multienum}
10686 \bidi@isloaded{minitoc}
10687 \bidi@isloaded{natbib}
10688 \bidi@isloaded{newfloat}
10689 \bidi@isloaded{ragged2e}
10690 \bidi@isloaded{rotating}
10691 \bidi@isloaded{tbls}
10692 \bidi@isloaded{tabulary}
10693 \bidi@isloaded{tocstyle}

```

```

10694 \bidi@isloaded{tocbibind}
10695 \bidi@isloaded{fontspec}
10696 \bidi@isloaded{arabxetex}
10697 \bidi@isloaded{polyglossia}
10698 \bidi@isloaded{fancyvrb}
10699 \AtBeginDocument{
10700   \if@bidi@amsmathloaded@else
10701     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package amsmath after bidi packag
10702   \fi%
10703   \if@bidi@amstextloaded@else
10704     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package amstext after bidi packag
10705   \fi%
10706   \if@bidi@amsthmloaded@else
10707     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package amsthm after bidi packag
10708   \fi%
10709   \if@bidi@breqnloaded@else
10710     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package breqn after bidi package
10711   \fi%
10712   \if@bidi@calsloaded@else
10713     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package cals after bidi package.
10714   \fi%
10715   \if@bidi@captionloaded@else
10716     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package caption after bidi packag
10717   \fi%
10718   \if@bidi@croploaded@else
10719     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package crop after bidi package.
10720   \fi%
10721   \if@bidi@colorloaded@else
10722     \ifpackageloaded{hyperref}{\fi%
10723     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package color after bidi package
10724   \fi%
10725   \if@bidi@cutwinloaded@else
10726     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package cutwin after bidi packag
10727   \fi%
10728   \if@bidi@cutedloaded@else
10729     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package cuted after bidi package
10730   \fi%
10731   \if@bidi@dblfnoteloaded@else
10732     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package dblfnote after bidi pack
10733   \fi%
10734   \if@bidi@xcolorloaded@else
10735     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package xcolor after bidi packag
10736   \fi%
10737   \if@bidi@colortblloaded@else
10738     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package colortbl after bidi pack
10739   \fi%
10740   \if@bidi@floatloaded@else
10741     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package float after bidi package
10742   \fi%
10743   \if@bidi@floatrowloaded@else

```



```

10744 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package floatrow after bidi pack
10745 \fi%
10746 \if@bidi@flowframloaded@else
10747 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package flowfram after bidi pack
10748 \fi%
10749 \if@bidi@framedloaded@else
10750 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package framed after bidi packag
10751 \fi%
10752 \if@bidi@ftnrightloaded@else
10753 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package ftnright after bidi pack
10754 \fi%
10755 \if@bidi@xltxttraloaded@else
10756 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package xltxttra after bidi packa
10757 \fi%
10758 \if@bidi@xunicodeloaded@else
10759 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package xunicode after bidi pack
10760 \fi%
10761 \if@bidi@wrapfigloaded@else
10762 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package wrapfig after bidi packa
10763 \fi%
10764 \if@bidi@graphicxloaded@else
10765 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package graphicx after bidi pack
10766 \fi%
10767 \if@bidi@geometryloaded@else
10768 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package geometry after bidi pack
10769 \fi%
10770 \if@bidi@hvfloatloaded@else
10771 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package hvfloat after bidi packa
10772 \fi%
10773 \if@bidi@mdframedloaded@else
10774 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package mdframed after bidi pack
10775 \fi%
10776 \if@bidi@midfloatloaded@else
10777 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package midfloat after bidi pack
10778 \fi%
10779 \if@bidi@ntheoremloaded@else
10780 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package ntheorem after bidi pack
10781 \fi%
10782 \if@bidi@hyperrefloaded@else
10783 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package hyperref after bidi pack
10784 \fi%
10785 \if@bidi@fancyboxloaded@else
10786 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package fancybox after bidi pack
10787 \fi%
10788 \if@bidi@fancyhdrloaded@else
10789 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package fancyhdr after bidi pack
10790 \fi%
10791 \if@bidi@draftwatermarkloaded@else
10792 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package draftwatermark after bid
10793 \fi%

```

```

10794 \if@bidi@empheqloaded@else
10795     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package empheq after bidi package.}{}]
10796 \fi%
10797 \if@bidi@pdfpagesloaded@else
10798     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package pdfpages after bidi package.}{}]
10799 \fi%
10800 \if@bidi@lettrineloaded@else
10801     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package lettrine after bidi package.}{}]
10802 \fi%
10803 \if@bidi@listingsloaded@else
10804     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package listings after bidi package.}{}]
10805 \fi%
10806 \if@bidi@pstricksloaded@else
10807     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package pstricks after bidi package.}{}]
10808 \fi%
10809 \if@bidi@pgfloaded@else
10810     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package pgf after bidi package.}{}]
10811 \fi%
10812 \if@bidi@picinparloaded@else
10813     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package picinpar after bidi package.}{}]
10814 \fi%
10815 \if@bidi@quotchaploaded@else
10816     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package quotchap after bidi package.}{}]
10817 \fi%
10818 \if@bidi@tikzloaded@else
10819     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package tikz after bidi package.}{}]
10820 \fi%
10821 \if@bidi@titlesecloaded@else
10822     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package titlesec after bidi package.}{}]
10823 \fi%
10824 \if@bidi@titletocloaded@else
10825     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package titletoc after bidi package.}{}]
10826 \fi%
10827 \if@bidi@arrayloaded@else
10828     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package array after bidi package.}{}]
10829 \fi%
10830 \if@bidi@stabularloaded@else
10831     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package stabular after bidi package.}{}]
10832 \fi%
10833 \if@bidi@subfigloaded@else
10834     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package subfig after bidi package.}{}]
10835 \fi%
10836 \if@bidi@subfigureloaded@else
10837     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package subfigure after bidi package.}{}]
10838 \fi%
10839 \if@bidi@supertabularloaded@else
10840     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package supertabular after bidi package.}{}]
10841 \fi%
10842 \if@bidi@xtableloaded@else
10843     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package xtable after bidi package.}{}]

```

```

10844 \fi%
10845 \if@bidi@longtableloaded@else
10846     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package longtable after bidi pack
10847 \fi%
10848 \if@bidi@arydshlnloaded@else
10849     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package arydshln after bidi pack
10850 \fi%
10851 \if@bidi@multicolloaded@else
10852     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package multicol after bidi pack
10853 \fi%
10854 \if@bidi@multienumloaded@else
10855     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package multienum after bidi pack
10856 \fi%
10857 \if@bidi@minitocloaded@else
10858     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package minitoc after bidi pack
10859 \fi%
10860 \if@bidi@natbibloaded@else
10861     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package natbib after bidi packag
10862 \fi%
10863 \if@bidi@newfloatloaded@else
10864     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package newfloat after bidi pack
10865 \fi%
10866 \csname if@bidi@ragged2eloaded@endcsname\else
10867     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package ragged2e after bidi pack
10868 \fi%
10869 \if@bidi@rotatingloaded@else
10870     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package rotating after bidi pack
10871 \fi%
10872 \if@bidi@tblsloaded@else
10873     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package tbls after bidi package
10874 \fi%
10875 \if@bidi@tabularyloaded@else
10876     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package tabulary after bidi pack
10877 \fi%
10878 \if@bidi@tocstyleloaded@else
10879     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package tocstyle after bidi pack
10880 \fi%
10881 \if@bidi@tocbibindloaded@else
10882     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package tocbibind after bidi pack
10883 \fi%
10884 \if@bidi@fontspecloaded@else
10885     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package fontspec after bidi pack
10886 \fi%
10887 \if@bidi@arabxetexloaded@else
10888     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package arabxetex after bidi pack
10889 \fi%
10890 \if@bidi@polyglossialoaded@else
10891     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package polyglossia after bidi p
10892 \fi%
10893 \if@bidi@fancyvrbloaded@else

```

```

10894 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package fancyvrb after bidi pack
10895 \fi%
10896 }

```

7.74 longtable-xetex-bidi.def

```

10897 \ProvidesFile{longtable-xetex-bidi.def}[2013/04/01 v0.3 bidi adaptations for longtable packag
10898 \def\LT@array[#1]#2{%
10899 \refstepcounter{table}\stepcounter{LT@tables}%
10900 \if l#1%
10901 \if@RTLtab\LTleft\fill \LTright\z@\else\LTleft\z@ \LTright\fill\fi
10902 \else\if r#1%
10903 \if@RTLtab\LTleft\z@ \LTright\fill\else\LTleft\fill \LTright\z@\fi
10904 \else\if c#1%
10905 \LTleft\fill \LTright\fill
10906 \fi\fi\fi
10907 \let\LT@mc\multicolumn
10908 \let\LT@tabarray\@tabarray
10909 \let\LT@hline\hline
10910 \def\@tabarray{%
10911 \let\hline\LT@hline
10912 \LT@tabarray}%
10913 \let\@LT@tabularcr\let\@tabularnewline\@
10914 \def\newpage{\noalign{\break}}%
10915 \def\pagebreak{\noalign{\ifnum' =0\fi\@testopt{\LT@no@pgbk-}4}%
10916 \def\nopagebreak{\noalign{\ifnum' =0\fi\@testopt{\LT@no@pgbk4}%
10917 \let\hline\LT@hline \let\kill\LT@kill\let\caption\LT@caption
10918 \@tempdima\ht\strutbox
10919 \let\@endpbox\LT@endpbox
10920 \ifx\extrarowheight\@undefined
10921 \let\@acol\@tabacol
10922 \let\@classz\@tabclassz \let\@classiv\@tabclassiv
10923 \def\@startpbox{\vtop\LT@startpbox}%
10924 \let\@startpbox\@startpbox
10925 \let\@endpbox\@endpbox
10926 \let\LT@LL@FM@cr\@tabularcr
10927 \else
10928 \advance\@tempdima\extrarowheight
10929 \col@sep\@tabcolsep
10930 \let\@startpbox\LT@startpbox\let\LT@LL@FM@cr\@arraycr
10931 \fi
10932 \setbox\@arstrutbox\hbox{\vrule
10933 \@height \arraystretch \@tempdima
10934 \@depth \arraystretch \dp \strutbox
10935 \@width \z@}%
10936 \let\@sharp##\let\protect\relax
10937 \begingroup
10938 \mkpream{#2}%
10939 \xdef\LT@bchunk{%
10940 \global\advance\c@LT@chunks\@ne

```

```

10941      \global\LT@rows\z@\setbox\z@\vbox\bgroup
10942      \LT@setprevdepth
10943      \tabskip\LTleft \noexpand\halign to\hsize\bgroup
10944      \tabskip\z@ \@arstrut \@preamble \tabskip\LTright \cr}%
10945 \endgroup
10946 \expandafter\LT@nofcols\LT@bchunk&\LT@nofcols
10947 \LT@make@row
10948 \m@th\let\par\@empty
10949 \everycr{}\lineskip\z@\baselineskip\z@
10950 \LT@bchunk}
10951 \def\LT@makecaption#1#2#3{%
10952 \LT@mcol\LT@cols c{\hbox to\z@{\hss\parbox[t]\LTcapwidth{%
10953 \sbox\@tempboxa{\if@RTL\beginR\fi#1{#2: }#3\if@RTL\endR\fi}%
10954 \ifdim\wd\@tempboxa>\hsize
10955 #1{#2: }#3%
10956 \else
10957 \hbox to\hsize{\hfil\box\@tempboxa\hfil}%
10958 \fi
10959 \endgraf\vskip\baselineskip}%
10960 \hss}}}}
10961 \def\LT@startpbox#1{%
10962 \bgroup
10963 \let\@footnotetext\LT@p@ftntext
10964 \let\@LTRfootnotetext\LT@p@LTRftntext
10965 \let\@RTLfootnotetext\LT@p@RTLftntext
10966 \setlength\hsize{#1}%
10967 \@arrayparboxrestore
10968 \vrule \@height \ht\@arstrutbox \@width \z@}
10969 \def\LT@p@LTRftntext#1{%
10970 \edef\@tempa{\the\LT@p@ftn\noexpand\LTRfootnotetext[\the\c@footnote]]}%
10971 \global\LT@p@ftn\expandafter{\@tempa{#1}}}%
10972 \def\LT@p@RTLftntext#1{%
10973 \edef\@tempa{\the\LT@p@ftn\noexpand\RTLfootnotetext[\the\c@footnote]]}%
10974 \global\LT@p@ftn\expandafter{\@tempa{#1}}}%

```

7.75 mdframed-xetex-bidi.def

```

10975 \ProvidesFile{mdframed-xetex-bidi.def}[2013/09/22 v0.4 bidi adaptations for mdframed package]
10976 \newif\if@bidi@mdf@RTL
10977 \def\mdf@lrbox#1{%
10978 \mdf@patchamsthm\patch amsthm
10979 \if@RTL\@bidi@mdf@RTLtrue\fi%
10980 \@RTLfalse%
10981 \setbox#1\vbox\bgroup%
10982 \color@begingroup%
10983 \if@bidi@mdf@RTL\@RTLtrue\fi%
10984 \mdf@horizontalmargin@equation%
10985 \columnwidth=\hsize%
10986 \textwidth=\hsize%
10987 \let\if@nobreak\iffalse%

```

```

10988 \let\ifnoskipsec\iffalse%
10989 \let\par\@@par%
10990 \let\-\@dischyph%
10991 \let\'\'@acci\let\'\'@accii\let\=\@acciii%
10992 \parindent\z@ \parskip\z@skip%
10993 \linewidth\hsize%
10994 \@totalleftmargin\z@%
10995 \leftskip\z@skip \rightskip\z@skip \@rightskip\z@skip%
10996 \parfillskip\@flushglue \lineskip\normallineskip%
10997 \baselineskip\normalbaselineskip%
10998 %% \sloppy%
10999 \let\\ \@normalcr%
11000 \mdf@par@local%New feature to restore parskip/parindent local in save box
11001 \ifbool{mdf@suppressfirstparskip}{\vspace*{-\parskip}}{}%
11002 \@afterindentfalse%
11003 %\@afterheading%
11004 }
11005 \renewrobustcmd\mdfframetitleenv[1]{%
11006 \mdf@lrbox{\mdf@frametitlebox}%
11007 \mdf@frametitlealignment%
11008 \leavevmode{\color{\mdf@frametitlefontcolor}%
11009 \normalfont\mdf@frametitlefont{#1}}
11010 \ifbool{mdf@ignorelastdescenders}%
11011 {%
11012 \par\strut\par
11013 \unskip\unskip\setbox0=\lastbox
11014 \vspace*{\dimexpr\ht\strutbox-\baselineskip\relax}%
11015 }{}}%
11016 \par\unskip\ifvmode\nointerlineskip\hrule \@height\z@ \@width\hsize\fi%%
11017 \endmdf@lrbox\relax%
11018 \mdf@ignorevbadness%
11019 \setbox\mdf@frametitlebox=\vbox{\unvbox\mdf@frametitlebox}%
11020 \mdfframetitleboxwidth=\wd\mdf@frametitlebox\relax%
11021 \mdfframetitleboxheight=\ht\mdf@frametitlebox\relax%
11022 \mdfframetitleboxdepth=\dp\mdf@frametitlebox\relax%
11023 \mdfframetitleboxtotalheight=\dimexpr
11024 \ht\mdf@frametitlebox
11025 +\dp\mdf@frametitlebox%
11026 +\mdf@frametitleaboveskip@length
11027 +\mdf@frametitlebelowskip@length
11028 \relax%
11029 }
11030
11031 \renewrobustcmd*\mdf@footnoteoutput{%
11032 \ifvoid\@mpfootins\else%
11033 \nobreak%
11034 \vskip\mdf@footnotedistance@length%
11035 \normalcolor%
11036 \bidi@mpfootnoterule%
11037 \unvbox\@mpfootins%

```

```

11038     \fi%
11039 }
11040
11041
11042 \renewrobustcmd*\mdf@footnoteinput{%
11043     \def\@mpfn{mpfootnote}%
11044     \def\thempfn{\thempfootnote}%
11045     \c@mpfootnote\z@%
11046     \let\@footnotetext\@mpfootnotetext%
11047     \let\@LTRfootnotetext\@mpLTRfootnotetext%
11048     \let\@RTLfootnotetext\@mpRTLfootnotetext%
11049 }

```

7.76 memoir-xetex-bidi.def

```

11050 \ProvidesFile{memoir-xetex-bidi.def}[2010/07/25 v0.5 bidi adaptations for memoir class for Xe
11051 \renewcommand{\keepthetitle}{%
11052     \@bsmtitleempty
11053     \global\let\thanks\relax
11054     \global\let\LTRthanks\relax
11055     \global\let\RTLthanks\relax
11056     \global\let\and\relax
11057     \global\let\andnext\relax
11058     \global\let\@thanks\@empty
11059     \global\let\@title\@empty
11060     \global\let\@author\@empty
11061     \global\let\@date\@empty}
11062 \renewcommand{\maketitle}{\par
11063     \begingroup
11064         \@bsmarkseries
11065         \def\@makefnmark{\@textsuperscript{%
11066             \normalfont\@bsthanksheadpre \tamark \@bsthanksheadpost}}}%
11067         \long\def\@makefntext##1{\makethanksmark ##1}
11068         \if@twocolumn
11069             \ifnum \col@number=\@ne
11070                 \@maketitle
11071             \else
11072                 \twocolumn[\@maketitle]%
11073             \fi
11074         \else
11075             \ifdim\pagetotal>\z@
11076                 \newpage
11077             \fi
11078             \global\@topnum\z@
11079             \@maketitle
11080         \fi
11081         \thispagestyle{title}\@thanks
11082     \endgroup
11083     \@bscontmark % \setcounter{footnote}{0}%
11084 }

```

```

11085 \renewcommand*{\memRTLleftskip}{\ifRTL\rightskip\else\leftskip\fi}
11086 \renewcommand*{\memRTLrightskip}{\ifRTL\leftskip\else\rightskip\fi}
11087 \renewcommand*{\memRTLvleftskip}{\ifRTL\vrighskip\else\leftskip\fi}
11088 \renewcommand*{\memRTLvrighskip}{\ifRTL\vleftskip\else\vrighskip\fi}
11089 \renewcommand*{\memRTLraggedright}{\ifRTL\raggedleft\else\raggedright\fi}
11090 \renewcommand*{\memRTLraggedleft}{\ifRTL\raggedright\else\raggedleft\fi}
11091 \renewcommand*{\thesection}{\thechapter\@SepMark\@arabic\c@section}
11092 \renewcommand*{\thesubsection}{%
11093     \thesection\@SepMark\@arabic\c@subsection}
11094 \renewcommand*{\thesubsubsection}{%
11095     \thesubsection\@SepMark\@arabic\c@subsubsection}
11096 \renewcommand*{\theparagraph}{%
11097     \thesubsubsection\@SepMark\@arabic\c@paragraph}
11098 \renewcommand*{\thesubparagraph}{%
11099     \theparagraph\@SepMark\@arabic\c@subparagraph}
11100 \renewcommand{\setthesection}{\thechapter\@SepMark\Alph{section}}
11101 \renewcommand{\theequation}{%
11102     \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
11103 \renewcommand{\thefigure}{\thechapter\@SepMark\@arabic\c@figure}
11104 \renewcommand{\thetable}{\thechapter\@SepMark\@arabic\c@table}
11105 \ifartopt
11106     \chapterstyle{article}
11107     \counterwithout{figure}{chapter}
11108     \counterwithout{table}{chapter}
11109     \counterwithout{footnote}{chapter}
11110     \counterwithout{equation}{chapter}
11111     \renewcommand{\chaptername}{\}
11112     \renewcommand{\maketitlehookb}{%
11113         \vskip -1.5\topsep\vskip -1.5\partopsep}
11114     \renewcommand{\maketitlehookc}{%
11115         \vskip -1.5\topsep\vskip -1.5\partopsep}
11116 \fi
11117 \long\def\@makecaption#1#2{\let\@memtempa\relax
11118     \ifdim\prevdepth>-99\p@ \vskip\abovcaptionskip
11119     \else \def\@memtempa{\vbox to\topskip{}}\fi
11120     \let\@contfnote\footnote \renewcommand{\footnote}[2] [] {}
11121     \let\@contfmark\footnotemark \renewcommand{\footnotemark}[1] [] {}
11122     \sbox\@tempboxa{\@contnfont #1\@contdelim \@conttfont #2\@contfinal}
11123     \let\footnote\@contfnote
11124     \let\footnotemark\@contfmark
11125     \ifdim\wd\@tempboxa<\linewidth \centering \fi
11126     \if@contcw
11127         \centering
11128         \parbox{\@contcwidth}{%
11129             \ifdim\wd\@tempboxa<\@contcwidth \centering \fi
11130         \fi
11131     \ifdim\wd\@tempboxa<\linewidth
11132         \@contpre
11133         {\@contnfont #1\@contdelim}\@memtempa
11134         {\@contcshortstyle \@conttfont #2\@contfinal\par}

```



```

11135 \else
11136   \if@conthang
11137     \sbox\@tempboxa{\@contnfont #1\@contdelim}
11138     \@contpre%
11139     {\@contcstyle\hangindent=\wd\@tempboxa
11140      \noindent\box\@tempboxa\@memtempa \@conttfont #2\@contfinal\par}
11141   \else
11142     \if@contindent
11143       \@contpre%
11144       {\@contnfont #1\@contdelim}\@memtempa
11145       {\@contcstyle\hangindent=\@contindw
11146        \hangafter=\@ne\@conttfont #2\@contfinal\par}% <- v1.4
11147     \else
11148       \@contpre%
11149       {\@contnfont #1\@contdelim}\@memtempa
11150       {\@contcstyle \@conttfont #2\@contfinal\par}
11151     \fi
11152   \fi
11153 \fi
11154 \@contpost
11155 \if@contcw
11156   \par
11157 } % end of the \parbox
11158 \fi
11159 \vskip\belowcaptionskip}
11160 \@ifpackageloaded{caption}{%
11161 \AtBeginPackage{caption}{
11162 \ClassWarningNoLine{memoir}{%
11163   You are using the caption package with the memoir \MessageBreak
11164   class. This may cause unexpected or inconsistent \MessageBreak
11165   results if you use any of memoir's captioning facilities}
11166
11167 \long\def\@makecaption##1##2{%
11168   \vskip\abovecaptionskip
11169   \sbox\@tempboxa{\if@RTL\beginR\fi##1: ##2\if@RTL\endR\fi}%
11170   \ifdim \wd\@tempboxa >\hsize
11171     \if@RTL\beginR\fi##1: ##2\if@RTL\endR\fi\par
11172   \else
11173     \global \@minipagefalse
11174     \hb@xt@\hsize{\hfil\box\@tempboxa\hfil}%
11175   \fi
11176   \vskip\belowcaptionskip}
11177
11178 \def\caption{%
11179   \ifx\@cotype\@undefined
11180     \@latex@error{\noexpand\caption outside float}\@ehd
11181     \expandafter\@gobble
11182   \else
11183     \refstepcounter\@cotype
11184     \expandafter\@firstofone

```

```

11185 \fi
11186 {\@dblarg{\@caption\@capttype}}%
11187 }
11188
11189 \long\def\@caption##1[##2]##3{%
11190 \par
11191 \addcontentsline{\csname ext@##1\endcsname}{##1}%
11192 {\protect\numberline{\csname the##1\endcsname}{\ignorespaces ##2}}%
11193 \begingroup
11194 \@parboxrestore
11195 \if@minipage
11196 \@setminipage
11197 \fi
11198 \normalsize
11199 \@makecaption{\csname fnum@##1\endcsname}{\ignorespaces ##3}\par
11200 \endgroup}
11201 }}{}
11202 \renewenvironment{thebibliography}[1]{%
11203 \bibsection
11204 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
11205 \begin{bibitemlist}{#1}}{\end{bibitemlist}\postbibhook}

```

7.77 midfloat-xetex-bidi.def

```

11206 \ProvidesFile{midfloat-xetex-bidi.def}[2013/04/10 v0.2 bidi adaptations for midfloat package]
11207 \def\RTL@outputdblcol{%
11208 \if@firstcolumn
11209 \global \@firstcolumnfalse
11210 \global \setbox\@leftcolumn \box\@outputbox
11211 \global\c@colht\@colht\global\c@addvipersep\z@
11212 \ifnum\jua@sk>0
11213 \remove@strip\jua@sar
11214 \global\@colht\the\jua@pr
11215 \ifdim\right@cor>\z@
11216 \global\advance\@colht by\right@cor
11217 \fi
11218 \global\advance\@colht by\cor@height
11219 \global\cor@height=0pt
11220 \fi
11221 \global \setbox\@rightcolumn \vbox{}%
11222 \else
11223 \ifdim\c@colht>\@colht
11224 \@tempdima\@colht
11225 \ifdim\@colht>\z@
11226 \global\setbox\@rightcolumn \vbox{%
11227 \unvbox\@rightcolumn
11228 \vbox to\@tempdima{%
11229 \vskip\c@addvipersep\unvbox\@outputbox}%
11230 \vskip\stripsep
11231 \vrule height\the\jua@ht width 0pt depth 0pt

```

```

11232                \vskip\stripsep
11233                }%
11234            \global\c@addvipersep\m@addvipersep
11235            \else
11236            \global\setbox\@rightcolumn \vbox{%
11237                \unvbox\@rightcolumn
11238                \vrule height\the\jua@ht width 0pt depth 0pt
11239                \vskip\stripsep
11240                }%
11241            \fi
11242            \ifnum\jua@sk>0
11243                \remove@strip\jua@sar
11244                \global\@colht\the\jua@pr
11245                \global\advance\@colht by -\ht\@rightcolumn
11246                \global\advance\@colht by\cor@height
11247                \global\cor@height=0pt
11248            \else
11249                \global\advance\c@colht by-\ht\@rightcolumn
11250                \global\@colht\c@colht
11251            \fi
11252        \else
11253        \global\@firstcolumntrue
11254        \global\setbox\@outputbox\vbox to\ht\@leftcolumn{%
11255            \unvbox\@rightcolumn
11256            \vskip\c@addvipersep
11257            \unvbox\@outputbox
11258            }%
11259        \setbox\@outputbox \vbox {%
11260            \hb@xt@\textwidth {%
11261                \hskip \columnwidth
11262                \hfil
11263                \vrule \@width\columnseprule
11264                \hfil
11265                \hb@xt@\columnwidth {%
11266                    \box\@leftcolumn \hss}%
11267                \hskip-\textwidth
11268                \hb@xt@\columnwidth {%
11269                    \box\@outputbox \hss}%
11270                \hskip\columnwidth
11271                \hskip\columnsep}%
11272            }%
11273        \@combinedblfloats
11274        \@outputpage
11275        \begingroup
11276            \@dblfloatplacement
11277            \@startdblcolumn
11278            \@whiles\if@fcolmade \fi
11279            {\@outputpage
11280             \@startdblcolumn}%
11281        \endgroup

```

```

11282 \global\jua@sk=0\global\jua@sar={}%
11283 \global\cor@height\z@\global\c@advipersep\z@
11284 \fi
11285 \fi
11286 }
11287
11288
11289 \def\LTR@outputdblcol{%
11290 \if@firstcolumn
11291 \global \@firstcolumnfalse
11292 \global \setbox\@leftcolumn \box\@outputbox
11293 \global\c@colht\@colht\global\c@advipersep\z@
11294 \ifnum\jua@sk>0
11295 \remove@strip\jua@sar
11296 \global\@colht\the\jua@pr
11297 \ifdim\right@cor>\z@
11298 \global\advance\@colht by\right@cor
11299 \fi
11300 \global\advance\@colht by\cor@height
11301 \global\cor@height=0pt
11302 \fi
11303 \global \setbox\@rightcolumn \vbox{}%
11304 \else
11305 \ifdim\c@colht>\@colht
11306 \@tempdima\@colht
11307 \ifdim\@colht>\z@
11308 \global\setbox\@rightcolumn \vbox{%
11309 \unvbox\@rightcolumn
11310 \vbox to\@tempdima{%
11311 \vskip\c@advipersep\unvbox\@outputbox}%
11312 \vskip\stripsep
11313 \vrule height\the\jua@ht width 0pt depth 0pt
11314 \vskip\stripsep
11315 }%
11316 \global\c@advipersep\m@advipersep
11317 \else
11318 \global\setbox\@rightcolumn \vbox{%
11319 \unvbox\@rightcolumn
11320 \vrule height\the\jua@ht width 0pt depth 0pt
11321 \vskip\stripsep
11322 }%
11323 \fi
11324 \ifnum\jua@sk>0
11325 \remove@strip\jua@sar
11326 \global\@colht\the\jua@pr
11327 \global\advance\@colht by -\ht\@rightcolumn
11328 \global\advance\@colht by\cor@height
11329 \global\cor@height=0pt
11330 \else
11331 \global\advance\c@colht by-\ht\@rightcolumn

```

```

11332          \global\@colht\c@colht
11333          \fi
11334      \else
11335      \global\@firstcolumntrue
11336      \global\setbox\@outputbox\vbox to\ht\@leftcolumn{%
11337          \unvbox\@rightcolumn
11338          \vskip\c@addvipersep
11339          \unvbox\@outputbox
11340      }%
11341      \setbox\@outputbox \vbox {%
11342          \hb@xt@\textwidth {%
11343              \hb@xt@\columnwidth {%
11344                  \box\@leftcolumn \hss}%
11345              \hfil
11346              \vrule \@width\columnseprule
11347              \hfil
11348              \hb@xt@\columnwidth {%
11349                  \box\@outputbox \hss}%
11350              }%
11351          }%
11352      \@combinedblfloats
11353      \@outputpage
11354      \begingroup
11355      \@dblfloatplacement
11356      \@startdblcolumn
11357      \@whiles\if@fcolmade \fi
11358      {\@outputpage
11359       \@startdblcolumn}%
11360      \endgroup
11361      \global\jua@sk=0\global\jua@sar={}%
11362      \global\cor@height\z@\global\c@addvipersep\z@
11363      \fi
11364  \fi
11365 }
11366
11367
11368 \def\@strip[#1/#2]{\global\@tempdima=#1\global\@tempdimb=#2%
11369   \global \setbox\@viper\vbox\bgroup\if@RTLmain\moveleft\dimexpr(\columnwidth+\columnsep)\fi
11370   \hsize\textwidth
11371   \@parboxrestore
11372   \col@number \@ne
11373   \vrule height\topskip width0pt depth0pt
11374 }
11375
11376 \def\endstrip{%
11377   \egroup\egroup
11378   \if@firstcolumn
11379       \ifdim\pagetotal>\z@
11380           \vskip\stripsep
11381           \global\ht@strip\pagegoal

```

```

11382             \global\advance\ht@strip by-\pagetotal
11383             \global\advance\ht@strip by-\stripsep
11384             \global\advance\ht@strip by-\ht\@viper
11385             \global\advance\ht@strip by-\stripsep
11386             \global\jua@ht=\ht\@viper
11387         \else
11388             \global\ht@strip\z@
11389         \fi
11390     \ifdim\ht@strip>\z@
11391         \unvbox\@viper
11392         \vskip\stripsep
11393         \add@strip{\the\pagetotal}{\the\jua@ht}{\the\@tempdima}{\the\@tempdimb}%
11394         \global\advance\jua@sk by1
11395     \else
11396         \@latex@error{Strip needs more place!}\@ehc
11397         \if@vihproof
11398             \framebox[\columnwidth]{??? Strip ???}%
11399         \fi
11400     \fi
11401 \else
11402     \@latex@error{Strip is used only on left column!}\@ehc
11403     \if@vihproof
11404         \framebox[\columnwidth]{??? Strip ???}%
11405     \fi
11406 \fi
11407 }

```

7.78 minitoc-xetex-bidi.def

```

11408 \ProvidesFile{minitoc-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for minitoc package for xetex]
11409 \def\@Undottedtocline#1#2#3#4#5{%
11410     \ifnum #1>\c@tocdepth\relax \else
11411         \vskip \z@ plus.2\p@
11412         {\if@RTL\righskip\else\leftskip\fi #2\relax \if@RTL\leftskip\else\righskip\fi \@tocrmarg
11413         \parindent #2\relax\@afterindenttrue
11414         \interlinepenalty\@M
11415         \leavevmode
11416         \@tempdima #3\relax \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \hbox{}%
11417         \hskip -\if@RTL\righskip\else\leftskip\fi
11418         #4\nobreak\hfill \nobreak
11419         \null\par}%
11420     \fi}
11421 \def\@Undottedtocline#1#2#3#4#5{%
11422     \ifnum #1>\c@tocdepth\relax \else
11423         \vskip \z@ \@plus.2\p@
11424         {\if@RTL\righskip\else\leftskip\fi #2\relax \if@RTL\leftskip\else\righskip\fi \@tocrmarg
11425         \parindent #2\relax\@afterindenttrue
11426         \interlinepenalty\@M
11427         \leavevmode
11428         \@tempdima #3\relax

```

```

11429     \advance\if@RTL\rightright\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightright
11430     {\coffee\font #4}\nobreak \nobreak\null
11431     \par}%
11432 \fi}
11433 \def\@Undottedtoclinep#1#2#3#4#5{%
11434 \ifnum #1>\c@tocdepth\relax \else
11435     \vskip \z@ \@plus.2\p@
11436     {\if@RTL\rightright\else\leftskip\fi #2\relax \if@RTL\leftskip\else\rightright\fi \@tocmargin
11437     \parindent #2\relax\@afterindenttrue
11438     \interlinepenalty\@M
11439     \leavevmode
11440     \@tempdima #3\relax
11441     \advance\if@RTL\rightright\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightright
11442     {#4}\nobreak \hfill \nobreak\null
11443     \hbexto\@pnumwidth{\hfil\normalfont \normalcolor #5}}%
11444     \par}%
11445 \fi}

```

7.79 multicol-xetex-bidi.def

```

11446 \ProvidesFile{multicol-xetex-bidi.def}[2013/11/11 v0.3 bidi adaptations for multicol package]
11447 \def\page@sofar{%
11448     \process@cols\mult@rightbox
11449     {\ifvoid\count@
11450         \setbox\count@\hbox to\hsize{}}%
11451     \else
11452         \wd\count@\hsize
11453     \fi}%
11454 \count@\col@number \advance\count@\m@ne
11455 \mult@info\z@
11456 {Column spec: \the\full@width\space = indent
11457     + columns + sep =\MessageBreak
11458     \the\multicol@leftmargin\space
11459     + \the\col@number\space
11460     x \the\hsize\space
11461     + \the\count@\space
11462     x \the\columnsep
11463 }%
11464 \ifvmode\else\errmessage{Multicol Error}\fi
11465 \nointerlineskip
11466 \setbox\z@\hbox{p}\global\dimen\tw@\dp\z@
11467 \moveright\multicol@leftmargin
11468 \hbox to\full@width{%
11469     \if@RTL
11470         \process@cols\mult@gfirstbox{%
11471             \hskip\hsize
11472             \hss{\columnseprulecolor\vrule
11473                 \@width\columnseprule}\hss
11474         }%
11475         \hskip\hsize

```

```

11476     \process@cols\mult@gfirstbox{%
11477     \ifdim\dp\count@>\dimen\tw@
11478         \global\dimen\tw@\dp\count@ \fi
11479     \hskip-\hsz
11480     \box\count@
11481     \hskip-\hsz
11482     \hskip-\columnsep
11483 }%
11484 \ifdim\dp\mult@rightbox>\dimen\tw@
11485     \global\dimen\tw@\dp\mult@rightbox \fi
11486 \hskip-\hsz
11487 \box\mult@rightbox
11488 \hskip-\hsz
11489 \hskip\fullwidth
11490 \else
11491     \process@cols\mult@gfirstbox{%
11492     \ifdim\dp\count@>\dimen\tw@
11493         \global\dimen\tw@\dp\count@ \fi
11494     \box\count@
11495     \hss{\columnseprulecolor\vrule
11496         \@width\columnseprule}\hss}%
11497     \ifdim\dp\mult@rightbox>\dimen\tw@
11498         \global\dimen\tw@\dp\mult@rightbox \fi
11499     \box\mult@rightbox
11500 \fi
11501 \rlap{\phantom p}%
11502 }%
11503 \kern-\dimen\tw@
11504 \ifdim\dimen\tw@ = \mc@gridwarn
11505     \PackageWarning{multicol}%
11506     {Very deep columns!\MessageBreak
11507     Grid alignment might be broken}%
11508 \fi
11509 }
11510 \def\multicols#1{\col@number#1\relax
11511     \ifnum\col@number<\tw@
11512         \PackageWarning{multicol}%
11513         {Using '\number\col@number'
11514         columns doesn't seem a good idea.^^J
11515         I therefore use two columns instead}%
11516     \col@number\tw@ \fi
11517 \ifnum\col@number>10
11518     \PackageError{multicol}%
11519     {Too many columns}%
11520     {Current implementation doesn't
11521     support more than 10 columns.%
11522     \MessageBreak
11523     I therefore use 10 columns instead}%
11524 \col@number10 \fi
11525 \ifx\@footnotetext\mult@footnotetext\else

```



```

11526      \let\orig@footnotetext\@footnotetext
11527      \let\@footnotetext\mult@footnotetext
11528      \fi
11529      \ifx\@LTRfootnotetext\mult@LTRfootnotetext\else
11530      \let\orig@LTRfootnotetext\@LTRfootnotetext
11531      \let\@LTRfootnotetext\mult@LTRfootnotetext
11532      \fi
11533      \ifx\@RTLfootnotetext\mult@RTLfootnotetext\else
11534      \let\orig@RTLfootnotetext\@RTLfootnotetext
11535      \let\@RTLfootnotetext\mult@RTLfootnotetext
11536      \fi
11537      \@ifnextchar[\mult@cols{\mult@cols[]}]
11538      \long\def\mult@footnotetext#1{\begingroup
11539          \hsize\textwidth
11540          \columnwidth\textwidth
11541          \orig@footnotetext{#1}\endgroup}
11542      \long\def\mult@LTRfootnotetext#1{\begingroup
11543          \hsize\textwidth
11544          \columnwidth\textwidth
11545          \orig@LTRfootnotetext{#1}\endgroup}
11546      \long\def\mult@RTLfootnotetext#1{\begingroup
11547          \hsize\textwidth
11548          \columnwidth\textwidth
11549          \orig@RTLfootnotetext{#1}\endgroup}
11550      \def\right@footnoterule{%
11551          \hbox to \textwidth
11552          {\beginR \vbox{\kern -3\p@
11553              \hrule width .4\columnwidth \kern 2.6\p@\hfil\endR}}
11554      \def\textwidth@footnoterule{\kern-3\p@
11555          \hrule \@width \textwidth \kern 2.6\p@}

```

7.80 multienum-xetex-bidi.def

```

11556 \ProvidesFile{multienum-xetex-bidi.def}[2011/04/16 v0.1 bidi adaptations for multienum package]
11557 \renewcommand{\itemx}[1]{\parbox[t]{%
11558     {\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
11559     \parbox[t]{\remainx}{\bidi@raggedright #1}\par}%\smallskip
11560 \renewcommand{\itemxx}[2]{\parbox[t]{%
11561     {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11562     \parbox[t]{.5\remainxx}{\bidi@raggedright #1}\hfill\parbox[t]{%
11563     {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11564     \parbox[t]{0.5\remainxx}{\bidi@raggedright #2}\smallskip}
11565 \renewcommand{\itemxxx}[3]{\parbox[t]{%
11566     {\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
11567     \parbox[t]{.3333\remainxxx}{\bidi@raggedright #1}\hfill\parbox[t]{%
11568     {\labelwidth}{\hfill {\labelname}}\hskip\labelsep%
11569     \parbox[t]{0.3333\remainxxx}{\bidi@raggedright #2}\hfill\parbox[t]{%
11570     {\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
11571     \parbox[t]{0.3333\remainxxx}{\bidi@raggedright #3}\par}%\smallskip
11572 \renewcommand{\itemxxxx}[4]{\parbox[t]{%

```

```

11573 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11574 \parbox[t]{.25\remainxxxx}{\bidi@raggedright #1}\hfill\parbox[t]{%
11575 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11576 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #2}\hfill%
11577 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11578 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #3}\hfill%
11579 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11580 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #4}\smallskip}
11581 \renewcommand{\itemxxxx}[5]{\parbox[t]{%
11582 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11583 \parbox[t]{0.2\remainxxxx}{\bidi@raggedright #1}\hfill%
11584 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11585 \parbox[t]{0.2\remainxxxx}{\bidi@raggedright #2}\hfill%
11586 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11587 \parbox[t]{0.2\remainxxxx}{\bidi@raggedright #3}\hfill%
11588 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11589 \parbox[t]{0.2\remainxxxx}{\bidi@raggedright #4}\hfill%
11590 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11591 \parbox[t]{0.2\remainxxxx}{\bidi@raggedright #5}\smallskip}
11592 \renewcommand{\itemxox}[2]{\parbox[t]{%
11593 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11594 \parbox[t]{\remainxox}{\bidi@raggedright #1}\hfill%
11595 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11596 \parbox[t]{0.3333\remainxxx}{\bidi@raggedright #2}\smallskip}
11597 \renewcommand{\itemxox}[2]{\parbox[t]{%
11598 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11599 \parbox[t]{0.3333\remainxxx}{\bidi@raggedright #1}\hfill%
11600 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11601 \parbox[t]{\remainxox}{\bidi@raggedright #2}\smallskip}
11602 \renewcommand{\itemxox}[3]{\parbox[t]{%
11603 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11604 \parbox[t]{\remainxox}{\bidi@raggedright #1}\hfill%
11605 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11606 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #2}\hfill%
11607 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11608 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #3}\smallskip}
11609 \renewcommand{\itemxox}[3]{\parbox[t]{%
11610 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11611 \parbox[t]{.25\remainxxxx}{\bidi@raggedright #1}\hfill%
11612 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11613 \parbox[t]{\remainxox}{\bidi@raggedright #2}\hfill%
11614 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11615 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #3}\smallskip}
11616 \renewcommand{\itemxxox}[3]{\parbox[t]{%
11617 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11618 \parbox[t]{.25\remainxxxx}{\bidi@raggedright #1}\hfill%
11619 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11620 \parbox[t]{.25\remainxxxx}{\bidi@raggedright #2}\hfill%
11621 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11622 \parbox[t]{\remainxox}{\bidi@raggedright #3}\smallskip}

```

7.81 natbib-xetex-bidi.def

```
11623 \ProvidesFile{natbib-xetex-bidi.def}[2011/06/04 v0.1 bidi adaptations for natbib package for
11624 \renewenvironment{thebibliography}[1]{%
11625   \bibsection
11626   \parindent\z@
11627   \bibpreamble
11628   \bibfont
11629   \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
11630   \list{\@biblabel{\the\c@NAT@ctr}}{\@bibsetup{#1}\global\c@NAT@ctr\z@}%
11631   \ifNAT@openbib
11632     \renewcommand\newblock{\par}%
11633   \else
11634     \renewcommand\newblock{\hskip .11em \@plus.33em \@minus.07em}%
11635   \fi
11636   \sloppy\clubpenalty4000\widowpenalty4000
11637   \sfcode'\.\@m
11638   \let\NAT@bibitem@first@sw\@firstoftwo
11639     \let\citeN\cite \let\shortcite\cite
11640     \let\citeasnoun\cite
11641 }{%
11642   \bibitem@fin
11643   \bibpostamble
11644   \def\@noitemerr{%
11645     \PackageWarning{natbib}{Empty ‘thebibliography’ environment}}%
11646 }%
11647 \endlist
11648 \bibcleanup
11649 }%
```

7.82 newfloat-xetex-bidi.def

```
11650 \ProvidesFile{newfloat-xetex-bidi.def}[2013/05/22 v0.1 bidi adaptations for newfloat package
11651 \renewcommand*\newfloat@setwithin[2]{%
11652   \ifcsname c@chapter\endcsname
11653     \@removefromreset{#1}{chapter}%
11654   \fi
11655   \@removefromreset{#1}{section}%
11656   \edef\@tempa{#2}%
11657   \ifx\@tempa\@empty
11658     \def\@tempa{none}%
11659   \fi
11660   \def\@tempb{none}%
11661   \ifx\@tempa\@tempb
11662     \ifcsname c@chapter\endcsname
11663       \@chapterlistsgap@off{#1}%
11664     \fi
11665     \newfloat@setwithin{#1}{-}{-}%
11666   \else
11667     \def\@tempb{chapter}%
11668     \ifx\@tempa\@tempb
```

```

11669 \addtoreset{#1}{chapter}%
11670 \chapterlistsgap@on{#1}%
11671 \newfloat@@setwithin{#1}{\ifnum\c@chapter>\z@ \thechapter\@SepMark\fi}{\theHchapter\@SepMark}%
11672 \else
11673 \def\@tempb{section}%
11674 \ifx\@tempa\@tempb
11675 \addtoreset{#1}{section}%
11676 \ifcsname c@chapter\endcsname
11677 \addtoreset{#1}{chapter}%
11678 \chapterlistsgap@on{#1}%
11679 \newfloat@@setwithin{#1}{\thesection\@SepMark}{\theHsection\@SepMark}%
11680 \else
11681 \newfloat@@setwithin{#1}{\ifnum\c@section>\z@ \thesection\@SepMark\fi}{\theHsection\@SepMark}%
11682 \fi
11683 \else
11684 \newfloat@Error{Invalid value ‘#2’ for option ‘within’}%
11685 \fi
11686 \fi
11687 \fi}

```

7.83 ntheorem-xetex-bidi.def

```

11688 \ProvidesFile{ntheorem-xetex-bidi.def}[2012/05/01 v0.1 bidi adaptations for ntheorem package]
11689 \gdef\@thm#1#2#3{%
11690 \if@thmmarks
11691 \stepcounter{end\InTheoType ctr}%
11692 \fi
11693 \renewcommand{\InTheoType}{#1}%
11694 \if@thmmarks
11695 \stepcounter{curr#1ctr}%
11696 \setcounter{end#1ctr}{0}%
11697 \fi
11698 \refstepcounter{#2}%
11699 \theorem@prework
11700 \thm@topsepadd \theorempostskipamount % cf. latex.ltx: \@trivlist
11701 \ifvmode \advance\thm@topsepadd\partopsep\fi
11702 \trivlist
11703 \@topsep \theorempreskipamount
11704 \@topsepadd \thm@topsepadd % used by \@endparenv
11705 \advance\linewidth -\theorem@indent
11706 \advance\@totalleftmargin \theorem@indent
11707 \if@RTL\parshape \@one Opt \linewidth\else \parshape \@one \@totalleftmargin \linewidth\fi
11708 \@ifnextchar[{\@ythm{#1}{#2}{#3}}{\@xthm{#1}{#2}{#3}}

```

7.84 ntheorem-hyper-xetex-bidi.def

```

11709 \ProvidesFile{ntheorem-hyper-xetex-bidi.def}[2012/05/01 v0.1 bidi adaptations for ntheorem-hyper package]
11710 \gdef\@thm#1#2#3{%
11711 \if@thmmarks
11712 \stepcounter{end\InTheoType ctr}%
11713 \fi

```

```

11714 \renewcommand{\InTheoType}{#1}%
11715 \if@thmmarks
11716   \stepcounter{curr#1ctr}%
11717   \setcounter{end#1ctr}{0}%
11718 \fi
11719 \refstepcounter{#2}%
11720 \thm@topsepadd \theorempostskipamount % cf. latex.ltx: \@trivlist
11721 \ifvmode \advance\thm@topsepadd\partopsep\fi
11722 \trivlist
11723 \@topsep \theorempreskipamount
11724 \@topsepadd \thm@topsepadd % used by \@endparenv
11725 \advance\linewidth -\theoremindent
11726 \advance\@totalleftmargin \theoremindent
11727 \if@RTL\parshape \@one Opt \linewidth\else \parshape \@one \@totalleftmargin \linewidth\fi
11728 \@ifnextchar[{\@ythm{#1}{#2}{#3}}{\@xthm{#1}{#2}{#3}}

```

7.85 pdfpages-xetex-bidi.def

```

11729 \ProvidesFile{pdfpages-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for pdfpages package]
11730 \renewcommand*{\includepdf}[2] []{%
11731   \begingroup
11732   \@RTLfalse
11733   \let\AM@threadname\relax
11734   \AM@splitoptions{pdfpages}{#1}%
11735   \edef\AM@temp{\pdfpages\the\@temptokena}%
11736   \expandafter\setkeys\AM@temp
11737   \ifthenelse{\boolean{AM@pkg@draft} \and \boolean{AM@survey}}{%
11738     \let\AM@currentdocname\relax
11739     \renewcommand\includegraphics[2] []{Survey in draft-mode}%
11740     \def\AM@pagecount{0}%
11741   }{%
11742     \AM@findfile{#2}%
11743     \if\AM@threadname\relax
11744       \def\AM@threadname{\AM@currentdocname}%
11745     \fi
11746   }%
11747   \ifAM@survey
11748     \def\AM@pagestemp{%
11749       \@tempcnta=0
11750       \def\foo{%
11751         \@ifundefined{r\AM@xrprefix pdfpages@page\the\@tempcnta}%
11752         {\let\foo\relax}
11753         {\expandafter\ifx\expandafter\\AM@pagestemp\\
11754           \edef\AM@pagestemp{%
11755             \AM@pageref{\AM@xrprefix pdfpages@page\the\@tempcnta}}%
11756           \else
11757             \edef\AM@pagestemp{\AM@pagestemp,%
11758               \AM@pageref{\AM@xrprefix pdfpages@page\the\@tempcnta}}%
11759           \fi
11760           \advance\@tempcnta 1\relax

```

```

11761     }%
11762     \foo
11763   }%
11764   \foo
11765   \expandafter\ifx\expandafter\\AM@pagestemp\
11766   \def\AM@pagestemp{1}%
11767   \fi
11768 \fi
11769 \ifAM@output
11770   \expandafter\AM@readlist\expandafter{\AM@pagestemp}%
11771   \AM@output{#1}%
11772 \fi
11773 \AM@CheckAtEnd
11774 \endgroup
11775 \AM@ClearShipoutPicture
11776 }

```

7.86 pgf-xetex-bidi.def

```

11777 \ProvidesFile{pgf-xetex-bidi.def}[2012/07/08 v0.4 bidi adaptations for pgf package for XeTeX]
11778 \let\origin@pgfpicture=\pgfpicture
11779 \let\origin@endpgfpicture=\endpgfpicture
11780 \def\pgfpicture{\ifmmode\else\LTR\beginL\fi\origin@pgfpicture}
11781 \def\endpgfpicture{\origin@endpgfpicture\ifmmode\else\endL\endLTR\fi}%

```

7.87 picinpar-xetex-bidi.def

```

11782 \ProvidesFile{picinpar-xetex-bidi.def}[2013/04/08 v0.2 bidi adaptations for picinpar package]
11783 \long\def\@makewincaption#1#2{%
11784   \setbox\@tempboxa\hbox{\footnotesize{\bf #1:\enspace}{#2}}%
11785   \ifdim\wd\@tempboxa>\picwd
11786     {\footnotesize{\bf #1:\enspace}{#2\par}}
11787   \else
11788     \hbox to\picwd{\if@RTL\beginR\fi\hfil\box\@tempboxa\hfil\if@RTL\endR\fi}
11789   \fi}
11790 \def\endwindow{%
11791   \global\tcd=\tcdsav
11792   \egroup\vskip\parskip\parshape=0 % reset parshape; end \box\rawtext
11793   \vbadness=10000
11794   \splittopskip=0pt
11795 %
11796 % Typeset the lines above the window
11797 %
11798 \ifnum\tcd>0\setbox\holder=\vsplit\rawtext to \tcd\baselineskip
11799 \tcn=\tcd
11800 \loop\advance\tcn -1
11801 \setbox\fslice=\vsplit\holder to\baselineskip
11802 \prune\fslice\linewidth
11803 \topheight=0pt
11804 \ifnum\dp\fslice>\dp\wstrutbox
11805   \advance\topheight-\dp\fslice

```

```

11806      \advance\topheight\dp\wstrutbox
11807      \advance\topheight\ilg\fi
11808 \hbox to\linewidth{\box\fslice}
11809 \vskip-\topheight
11810 \ifdim\ht\holder>Opt\repeat
11811 \fi
11812 %
11813 % Now we build the boxes beside the window
11814 %
11815 \global\topheight=\tcl\baselineskip
11816 \ifnum\cumpartcl>0\global\tcl=\cumtcl
11817      \global\topheight=\vpic
11818 \fi
11819 \ifnum\bl>0 \ifnum\br>0 \multiply\topheight by 2\fi\fi
11820 \ifnum\bl>0\setbox\holder=\vsplit\rawtext to\topheight
11821 \else\ifnum\br>0\setbox\holder=\vsplit\rawtext to\topheight\fi\fi
11822 \tcn=\tcl \na=0 \nb=0
11823 \ifnum\bl>0 \ifnum\br>0 \multiply\tcn by 2\fi\fi
11824 \ifnum\bl>0\na=\tcn\ifnum\br>0\divide\na by 2\fi\fi
11825 \ifnum\br>0\nb=\tcn\ifnum\bl>0\divide\nb by 2\fi\fi
11826 \ifnum\na=0\ifnum\nb=0
11827      \setbox\waslice=\vbox to\vpic{\vss}
11828      \setbox\wbslice=\vbox to\vpic{\vss}
11829      \bl=1\br=1
11830      \vskip\ilg
11831 \fi\fi
11832 %
11833 % both sides
11834 %
11835 \ifnum\na>0 \ifnum\nb>0
11836 \loop\advance\nb -1
11837 \advance\na -1
11838 \if@RTL%
11839 \setbox\bslice=\vsplit\holder to\baselineskip
11840 \prune\bslice\rtside
11841 \setbox\wbslice=\vbox{\unvbox\wbslice\hbox
11842 to\rtside{\box\bslice\hfil}}
11843 \setbox\aslice=\vsplit\holder to\baselineskip
11844 \prune\aslice\lftside
11845 \setbox\waslice=\vbox{\unvbox\waslice\hbox
11846 to\lftside{\box\aslice\hfil}}
11847 \else%
11848 \setbox\aslice=\vsplit\holder to\baselineskip
11849 \prune\aslice\lftside
11850 \setbox\waslice=\vbox{\unvbox\waslice\hbox
11851 to\lftside{\box\aslice\hfil}}
11852 \setbox\bslice=\vsplit\holder to\baselineskip
11853 \prune\bslice\rtside
11854 \setbox\wbslice=\vbox{\unvbox\wbslice\hbox
11855 to\rtside{\box\bslice\hfil}}

```

```

11856 \fi%
11857 \ifnum\nb>0\repeat
11858 \fi\fi
11859 %
11860 % only text on the left side
11861 %
11862 \ifnum\na>0
11863   \loop\advance\na -1
11864   \setbox\aslice=\vsplit\holder to\baselineskip
11865   \prune\aslice\lftside
11866   \setbox\waslice=\vbox{\unvbox\waslice\hbox
11867   to\lftside{\box\aslice\hfil}}
11868   \ifdim\ht\holder>0pt\repeat
11869 \fi
11870 %
11871 % only text on the right side
11872 %
11873 \ifnum\nb>0
11874   \loop\advance\nb -1
11875   \setbox\bslice=\vsplit\holder to\baselineskip
11876   \prune\bslice\rtside
11877   \setbox\wbslice=\vbox{\unvbox\wbslice\hbox
11878   to\rtside{\box\bslice\hfil}}
11879   \ifdim\ht\holder>0pt\repeat
11880 \fi
11881 %
11882 % fixing the dimensions of the window part
11883 %
11884 \ifnum\bl=0\topheight=\ht\wbslice
11885 \else\ifnum\br=0\topheight=\ht\waslice
11886   \else\ifdim\ht\waslice>\ht\wbslice\topheight=\ht\waslice
11887   \else\topheight=\ht\wbslice\fi\fi\fi
11888 %
11889 % ship out the window material to the main vertical list
11890 %
11891 \ifnum\bl>0 \ifnum\br>0 \ifdim\ht\wbslice<\topheight
11892 \setbox\wbslice=\vbox to\topheight{\box\wbslice\vfill}
11893 \fi\fi\fi
11894 \setbox>windowbox=\vbox{\hbox to\linewidth{%
11895 \ifnum\bl>0\box\waslice\hfill\fi%
11896 \vbox to\topheight{\hrule width\picwd height0pt depth0pt\vskip0pt%
11897 \vfill\unvbox\picbox%
11898 \ifnum\picwd>0\vfill\fi%
11899 \vss}\ifnum\br>0\hfill\vbox{\box\wbslice}\fi}}%
11900 \unvbox>windowbox%
11901 \loop
11902 \setbox\bslice=\vsplit\rawtext to\baselineskip
11903 \prune\bslice\linewidth
11904 \setbox\wbslice=\vbox{\hbox to\linewidth{\box\bslice\hfil}}
11905 \unvbox\wbslice

```



```

11906 \ifdim\ht\rawtext>0pt
11907 \repeat
11908 }% FINITO

```

7.88 plain-xetex-bidi.def

```

11909 \def\TeXXeTOn{\TeXXeTstate=1 }
11910 \def\TeXXeTOff{\TeXXeTstate=0 }
11911 \TeXXeTOn
11912 \def\usebox#1{\leavevmode\copy #1\relax}
11913 \def\bidi@RTL@everypar{\if@RTL{\setbox\z@ \lastbox\beginR\ifvoid\z@\else\usebox\z@\fi}\fi}
11914 \let\bidi@o@everypar=\everypar
11915 \newtoks\bidi@n@everypar
11916 \bidi@n@everypar\expandafter{\the\bidi@o@everypar}
11917 \bidi@o@everypar{\bidi@RTL@everypar\the\bidi@n@everypar}
11918 \let\everypar=\bidi@n@everypar
11919 \def\moreLRE{\bracetext \aftergroup\endL \beginL\@RTLfalse}
11920 \def\moreRLE{\bracetext \aftergroup\endR \beginR\@RTLtrue}
11921 \protected\def\hboxR{\hbox\bgroup
11922 \everyhbox{%
11923 \aftergroup\egroup
11924 \everyhbox{}}%
11925 \beginR
11926 \bgroup
11927 \aftergroup\endR
11928 \aftergroup\egroup
11929 }\hbox}
11930 \protected\def\hboxL{\hbox\bgroup
11931 \everyhbox{%
11932 \aftergroup\egroup
11933 \everyhbox{}}%
11934 \beginL
11935 \bgroup
11936 \aftergroup\endL
11937 \aftergroup\egroup
11938 }\hbox}
11939 \protected\def\vboxR{\vbox\bgroup
11940 \everyvbox{%
11941 \aftergroup\egroup
11942 \everyvbox{}}%
11943 \@RTLtrue
11944 \bgroup
11945 \aftergroup\egroup
11946 }\vbox}
11947 \protected\def\vboxL{\vbox\bgroup
11948 \everyvbox{%
11949 \aftergroup\egroup
11950 \everyvbox{}}%
11951 \@RTLfalse
11952 \bgroup

```

```

11953 \aftergroup\egroup
11954 }\vbox}
11955 \def\LTR{\par\@RTLfalse\@RTL@footnotefalse\hsize\linewidth\parshape\z@}
11956 \def\endLTR{\par}
11957 \def\RTL{\par\@RTLtrue\@RTL@footnotetrue\hsize\linewidth\parshape\z@}
11958 \def\endRTL{\par}
11959 \def\setRTL{\@RTLtrue\@RTL@footnotetrue}
11960 \def\setLTR{\@RTLfalse\@RTL@footnotefalse}
11961 \let\unsetRTL=\setLTR
11962 \let\unsetLTR=\setRTL
11963 \let\LR=\LRE
11964 \let\RL=\RLE
11965 \def\@ensure@RTL#1{\if@RTL#1\else\RLE{#1}\fi}
11966 \def\@ensure@LTR#1{\if@RTL\LRE{#1}\else#1\fi}
11967 \let\@ensure@RL=\@ensure@RTL
11968 \let\@ensure@LR=\@ensure@LTR
11969 \def\@ensure@dir#1{\if@RTL\RLE{#1}\else{#1}\fi}
11970 \let\@ensure@maindir=\@ensure@dir
11971 \def\@RTL{RTL}
11972 \def\@LTR{LTR}
11973 \def\save@dir{\if@RTL\gdef\saved@dir{RTL}\else\gdef\saved@dir{LTR}\fi}
11974 \def\reset@dir{\ifx\saved@dir\@RTL\setRTL\else\ifx\saved@dir\@LTR\setLTR\else\relax\fi\fi}
11975 \let\@TeX\TeX
11976 \def\TeX{\@ensure@LTR{\@TeX}}
11977 \long\def\@bidi@reflect@box#1{%
11978 \leavevmode
11979 \setbox\z@\hbox{#1}%
11980 \setbox\tw@\hbox{\special{x:gsave}\special{x:scale -1 1}\rlap{\copy\z@}\special{x:grestore}}
11981 \hbox to \wd\z@{\kern\wd\z@\box\tw@\hss}%
11982 }
11983 \def\XeTeX{\LR{\leavevmode$\smash{\hbox{X}\lower.5ex
11984 \hbox{\kern-.125em\@bidi@reflect@box{E}}\kern-.1667em \TeX}}$}}
11985 \let\setRL=\setRTL
11986 \let\setLR=\setLTR
11987 \let\unsetRL=\setLTR
11988 \let\@bidi@saved@eqno=\eqno
11989 \let\@bidi@saved@leqno=\leqno
11990 \def\eqno{\ifnum\predisplaydirection<\z@ \@bidi@saved@leqno \else \@bidi@saved@eqno \fi}
11991 \def\leqno{\ifnum\predisplaydirection<\z@ \@bidi@saved@eqno \else \@bidi@saved@leqno \fi}
11992 \def\centerline#1{\line{\hss\if@RTL\beginR\fi#1\if@RTL\endR\fi\hss}}
11993 \def\leftline#1{\line{\if@RTL\beginR\fi#1\if@RTL\endR\fi\hss}}
11994 \def\rightline#1{\line{\hss\if@RTL\beginR\fi#1\if@RTL\endR\fi}}

```

7.89 pstricks-xetex-bidi.def

```

11995 \ProvidesFile{pstricks-xetex-bidi.def}[2010/07/25 v0.3 bidi adaptations for pstricks package]
11996 \let\origin@pspicture=\pspicture
11997 \let\origin@endpspicture=\endpspicture
11998 \def\pspicture{\ifmmode\else\LTR\beginL\fi\origin@pspicture}
11999 \def\endpspicture{\origin@endpspicture\ifmmode\else\endL\endLTR\fi}

```

7.90 quotchap-xetex-bidi.def

```
12000 \ProvidesFile{quotchap-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for quotchap package]
12001 \renewcommand{\qauthor}[1]{%
12002   \par\smallskip
12003   {\if@RTL\raggedright\else\raggedleft\fi\upshape #1\quad\hbox{}\par}\bigskip}
12004 \renewcommand{\@makechapterhead}[1]{\chapterheadstartvskip%
12005   {\size@chapter{\sectfont\if@RTL\raggedright\else\raggedleft\fi
12006     {\chapnumfont
12007       \ifnum \c@secnumdepth >\m@ne%
12008         \if@mainmatter\thechapter%
12009         \fi\fi
12010         \par\nobreak}%
12011     {\if@RTL\raggedright\else\raggedleft\fi\advance\if@RTL\rightmargin\else\leftmargin\fi10pt}
12012     \nobreak\chapterheadendvskip}}
12013 \renewcommand*{\@iprintcites}{%
12014   \vbox to\z@{\leavevmode\copy\@quotebox\vss}
12015   \global\let\@printcites\relax}
```

7.91 ragged2e-xetex-bidi.def

```
12016 \ProvidesFile{ragged2e-xetex-bidi.def}[2010/07/25 v0.2 bidi adaptations for ragged2e package]
12017 \renewcommand{\Centering}{%
12018   \ifx\\ \@raggedtwoe@savedcr
12019     \let\\ \@centercr
12020   \fi
12021   \let\@gnewline\@raggedtwoe@gnewline
12022   \if@RTL\rightskip\else\leftskip\fi\CenteringLeftskip
12023   \@rightskip\CenteringRightskip
12024   \if@RTL\leftskip\else\rightskip\fi\@rightskip
12025   \parfillskip\CenteringParfillskip
12026   \parindent\CenteringParindent
12027   \@raggedtwoe@spaceskiptrue
12028   \@raggedtwoe@everyselectfont
12029 }
12030 \renewcommand{\RaggedLeft}{%
12031   \ifx\\ \@raggedtwoe@savedcr
12032     \let\\ \@centercr
12033   \fi
12034   \let\@gnewline\@raggedtwoe@gnewline
12035   \if@RTL\rightskip\else\leftskip\fi\RaggedLeftLeftskip
12036   \@rightskip\RaggedLeftRightskip
12037   \if@RTL\leftskip\else\rightskip\fi\@rightskip
12038   \parfillskip\RaggedLeftParfillskip
12039   \parindent\RaggedLeftParindent
12040   \@raggedtwoe@spaceskiptrue
12041   \@raggedtwoe@everyselectfont
12042 }
12043 \renewcommand{\RaggedRight}{%
12044   \ifx\\ \@raggedtwoe@savedcr
12045     \let\\ \@centercr
```

```

12046 \fi
12047 \let\@gnewline\@raggedtwoe@gnewline
12048 \if@RTL\rightright\else\leftskip\fi\RaggedRightLeftskip
12049 \@rightskip\RaggedRightRightskip
12050 \if@RTL\leftskip\else\rightskip\fi\@rightskip
12051 \parfillskip\RaggedRightParfillskip
12052 \parindent\RaggedRightParindent
12053 \@raggedtwoe@spaceskiptrue
12054 \@raggedtwoe@everyselectfont
12055 }
12056 \renewcommand{\justifying}{%
12057 \let\\\@raggedtwoe@savdcr
12058 \let\@gnewline\@raggedtwoe@savd@gnewline
12059 \if@RTL\rightright\else\leftskip\fi\z@
12060 \@rightskip\z@
12061 \if@RTL\leftskip\else\rightskip\fi\@rightskip
12062 \parfillskip\JustifyingParfillskip
12063 \parindent\JustifyingParindent
12064 \@raggedtwoe@spaceskipfalse
12065 \@raggedtwoe@everyselectfont
12066 }
12067 \renewcommand*{\@raggedtwoe@raggedrightboxes@opt}{%
12068 \CheckCommand*{\arrayparboxrestore}{%
12069 \let\if@nobreak\iffalse
12070 \let\if@noskipsec\iffalse
12071 \let\par\@par
12072 \let\-\@dischyph
12073 \let'\@acci\let'\@accii\let\=\@acciii
12074 \parindent\z@ \parskip\z@skip
12075 \everypar{}%
12076 \linewidth\hsize
12077 \@totalleftmargin\z@
12078 \if@RTL\rightright\else\leftskip\fi\z@skip \if@RTL\leftskip\else\rightskip\fi\z@skip \@rightskip\z@
12079 \parfillskip\@flushglue \lineskip\normallineskip
12080 \baselineskip\normalbaselineskip
12081 \sloppy}%
12082 \renewcommand{\arrayparboxrestore}{%
12083 \let\if@nobreak\iffalse
12084 \let\if@noskipsec\iffalse
12085 \let\par\@par
12086 \let\-\@dischyph
12087 \let'\@acci\let'\@accii\let\=\@acciii
12088 \parskip\z@skip
12089 \everypar{}%
12090 \linewidth\hsize
12091 \@totalleftmargin\z@
12092 \RaggedRight
12093 \lineskip\normallineskip
12094 \baselineskip\normalbaselineskip
12095 \sloppy}%

```

```

12096 \let\@raggedtwoe@raggedrightboxes@opt\relax
12097 }
12098 \let\origin@RaggedLeft=\RaggedLeft
12099 \let\origin@RaggedRight=\RaggedRight
12100 \def\RaggedLeft{\if@RTL\origin@RaggedRight\else\origin@RaggedLeft\fi}
12101 \def\RaggedRight{\if@RTL\origin@RaggedLeft\else\origin@RaggedRight\fi}

```

7.92 rapport1-xetex-bidi.def

```

12102 \ProvidesFile{rapport1-xetex-bidi.def}[2011/08/26 v0.2 bidi adaptations for rapport1 class fo
12103 \renewenvironment{theindex}{%
12104   \if@twocolumn
12105     \@restonecolfalse
12106   \else
12107     \@restonecoltrue
12108   \fi
12109   \columnseprule \z@
12110   \columnsep 35\p@
12111   \twocolumn[\@makeschapterhead{\indexname}]{%
12112     \@mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}%
12113     \thispagestyle{plain}\parindent\z@
12114     \parskip\z@ \@plus .3\p@\relax
12115     \let\item\@idxitem
12116   }{%
12117     \if@restonecol\onecolumn\else\clearpage\fi}
12118 \renewcommand*{\head@style}{%
12119   \interlinepenalty \@M
12120   \hyphenpenalty=\@M \exhyphenpenalty=\@M
12121   \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}
12122 \if@titlepage
12123   \renewenvironment{abstract}{%
12124     \titlepage
12125     \null\vfil
12126     \section*{\SectFont\abstractname}%
12127     \noindent\ignorespaces}
12128   {\par\vfil\null\endtitlepage}
12129 \else
12130   \renewenvironment{abstract}{%
12131     \if@twocolumn
12132       \section*{\abstractname}%
12133     \else
12134       \bgroup\if@RTL\leftskip\else\rightskip\fi=\unitindent
12135       \section*{\small\SectFont\abstractname}%
12136       \noindent\ignorespaces
12137     \fi}
12138   {\if@twocolumn\else\par\egroup\fi}
12139 \fi
12140 \renewcommand*{\@regtocline[3]}{%
12141   \ifnum #1>\c@tocdepth
12142   \else

```

```

12143 \vskip\z@\@plus.2\p@
12144 {\hangindent\z@ \@afterindenttrue \interlinepenalty\@M
12145 \if@RTL\righskip\else\leftskip\fi\unitindent
12146 \if@RTL\leftskip\else\righskip\fi\unitindent\@plus 1fil
12147 \parfillskip\z@
12148 \@tempdima\unitindent
12149 \parindent\z@
12150 \leavevmode
12151 \hbox{}\hskip -\if@RTL\righskip\else\leftskip\fi\relax#2\nobreak
12152 \hskip 1em \nobreak{\slshape #3}\par
12153 }%
12154 \fi}
12155 \if@oldtoc
12156 \renewcommand*\l@part[2]{%
12157 \ifnum \c@tocdepth >-2\relax
12158 \addpenalty{-\@highpenalty}%
12159 \addvspace{2.25em \@plus\p@}%
12160 \begingroup
12161 \setlength\@tempdima{3em}%
12162 \parindent \z@ \if@RTL\leftskip\else\righskip\fi \@pnumwidth
12163 \parfillskip -\@pnumwidth
12164 {\leavevmode
12165 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
12166 \nobreak
12167 \global\@nobreaktrue
12168 \everypar{\global\@nobreakfalse\everypar{}}%
12169 \endgroup
12170 \fi}
12171 \else
12172 \renewcommand*\l@part{%
12173 \ifnum \c@tocdepth >-2\relax
12174 \addpenalty{-\@highpenalty}%
12175 \addvspace{2.25em \@plus\p@}%
12176 \@regtocline{0}%
12177 \fi}
12178 \fi
12179 \if@oldtoc
12180 \renewcommand*\l@chapter[2]{%
12181 \addpenalty{-\@highpenalty}%
12182 \vskip 1.0em \@plus\p@
12183 \setlength\@tempdima{1.5em}%
12184 \begingroup
12185 \parindent \z@ \if@RTL\leftskip\else\righskip\fi \@pnumwidth
12186 \parfillskip -\@pnumwidth
12187 \leavevmode \bfseries
12188 \advance\if@RTL\righskip\else\leftskip\fi\@tempdima
12189 \hskip -\if@RTL\righskip\else\leftskip\fi
12190 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
12191 \penalty\@highpenalty
12192 \endgroup}

```

```

12193 \else
12194   \renewcommand*\l@chapter{\@regtocline{0}}
12195 \fi
12196 \renewcommand*\left@footnoterule{%
12197   \kern-3\p@
12198   \kern.5\baselineskip
12199   \hrule\@width\unitindent
12200   \kern.4\baselineskip
12201 }
12202 \renewcommand*\right@footnoterule{%
12203   \hbox to \columnwidth
12204   {\beginR \vbox{%
12205     \kern-3\p@
12206     \kern.5\baselineskip
12207     \hrule\@width\unitindent
12208     \kern.4\baselineskip}\hfil\endR}
12209 }
12210 \renewenvironment{thebibliography}[1]
12211   {\chapter*{\bibname}%
12212     \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
12213     \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
12214     \list{\@biblabel{\@arabic{c@enumiv}}%
12215       {\settowidth\labelwidth{\@biblabel{#1}}%
12216         \leftmargin\labelwidth
12217         \advance\leftmargin\labelsep
12218         \@openbib@code
12219         \usecounter{enumiv}%
12220         \let\p@enumiv\@empty
12221         \renewcommand*\theenumiv{\@arabic{c@enumiv}}}%
12222     \sloppy\clubpenalty4000\widowpenalty4000%
12223     \sfcode'\. \@m}
12224   {\def\@noitemerr
12225     {\@latex@warning{Empty 'thebibliography' environment}}%
12226     \endlist}
12227 \renewcommand*\thesection{\thechapter\@SepMark\@arabic{c@section}}
12228 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic{csubsection}}
12229 \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic{csubsubsection}}
12230 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic{cparagraph}}
12231 \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic{csubparagraph}}
12232 \renewcommand*\theequation{%
12233   \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic{c@equation}}
12234 \renewcommand*\thefigure{%
12235   \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic{c@figure}}
12236 \renewcommand*\thetable{%
12237   \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic{c@table}}
12238 \if@titlepage
12239 \renewcommand*\TitleFont{\rmfamily}
12240 \renewcommand*\maketitle{%
12241   \begin{titlepage}%
12242     \let\footnotesize\small

```

```

12243 \let\right@footnoterule\relax
12244 \let\left@footnoterule\relax
12245 \let\textwidth@footnoterule\relax
12246 \let \footnote \thanks
12247 \long\def\@makefntext##1{\parindent\z@
12248     \def\labelitemi{\textendash}\@revlabeltrue
12249     \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
12250 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
12251 \if@compatibility\setcounter{page}{0}\fi
12252 \null\vfil
12253 \vskip 60\p@
12254 \begin{center}%
12255     \TitleFont
12256     {\LARGE \def\\{\penalty -\@M}
12257         \if@allcaps
12258             \expandafter\uc@nothanks\@title\thanks\relax
12259         \else
12260             \@title
12261         \fi\par}%
12262     \vskip 3em%
12263     {\large
12264         \lineskip .75em \parindent\z@
12265         \begin{tabular}[t]{c}%
12266             \if@allcaps
12267                 \expandafter\uc@authornothanks\@author\and\relax
12268             \else
12269                 \@author
12270             \fi
12271         \end{tabular}\par}%
12272     \vskip 1.5em%
12273     {\large
12274         \if@allcaps
12275             \uppercase\expandafter{\@date}%
12276         \else
12277             \@date
12278         \fi\par}%
12279     \end{center}\par
12280     \@thanks
12281     \vfil\null
12282 \end{titlepage}%
12283 \setcounter{footnote}{0}%
12284 \global\let\thanks\relax
12285 \global\let\maketitle\relax
12286 \global\let\@thanks\@empty
12287 \global\let\@author\@empty
12288 \global\let\@title\@empty
12289 \global\let\@date\@empty
12290 \global\let\title\relax
12291 \global\let\author\relax
12292 \global\let\date\relax

```



```

12293 \global\let\and\relax
12294 }
12295 \def\uc@nothanks#1\thanks{\uppercase{#1}\futurelet\@tempa\uc@tx}
12296 \def\uc@authornothanks#1\and{\uc@nothanks#1\thanks\relax
12297 \futurelet\@tempa\uc@ax}
12298 \def\uc@ax{%
12299 \ifx\@tempa\relax
12300 \else
12301 \\\andname \\\expandafter\uc@authornothanks
12302 \fi}
12303 \def\uc@tx{\ifx\@tempa\relax
12304 \else \expandafter\uc@ty \fi}
12305 \def\uc@ty#1{\thanks{#1}\uc@nothanks}
12306 \else
12307 \renewcommand*\maketitle{\par
12308 \beginingroup
12309 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
12310 \def\@makefnmark{\rlap{%
12311 \textsuperscript{\normalfont\@thefnmark}}}%
12312 \long\def\@makefntext{\@xmakefntext{%
12313 \textsuperscript{\normalfont\@thefnmark}}}%
12314 \if@twocolumn
12315 \ifnum \col@number=\@ne
12316 \@maketitle
12317 \else
12318 \twocolumn[\@maketitle]%
12319 \fi
12320 \else
12321 \newpage
12322 \global\@topnum\z@
12323 \@maketitle
12324 \fi
12325 \thispagestyle{plain}\@thanks
12326 \endgroup
12327 \setcounter{footnote}{0}%
12328 \global\let\thanks\relax
12329 \global\let\maketitle\relax
12330 \global\let\@maketitle\relax
12331 \global\let\@thanks\@empty
12332 \global\let\@author\@empty
12333 \global\let\@title\@empty
12334 \global\let\@date\@empty
12335 \global\let\title\relax
12336 \global\let\author\relax
12337 \global\let\date\relax
12338 \global\let\and\relax
12339 }
12340 \def\@maketitle{%
12341 \newpage
12342 \null

```

```

12343 \vskip 2em%
12344 \begin{center}%
12345   \let \footnote \thanks
12346   {\LARGE \TitleFont \@title \par}%
12347   \vskip 1.5em%
12348   {\large \TitleFont
12349     \lineskip .5em%
12350     \begin{tabular}[t]{c}%
12351       \@author
12352     \end{tabular}\par}%
12353   \vskip 1em%
12354   {\large \TitleFont \@date}%
12355 \end{center}%
12356 \par
12357 \vskip 1.5em}
12358 \fi

```

7.93 rapport3-xetex-bidi.def

```

12359 \ProvidesFile{rapport3-xetex-bidi.def}[2011/08/26 v0.4 bidi adaptations for rapport3 class fo
12360 \renewenvironment{theindex}{-%
12361   \if@twocolumn
12362     \@restonecolfalse
12363   \else
12364     \@restonecoltrue
12365   \fi
12366   \columnseprule \z@
12367   \columnsep 35\p@
12368   \twocolumn[\@makeschapterhead{\indexname}]{%
12369     \@mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}}%
12370   \thispagestyle{plain}\parindent\z@
12371   \parskip\z@ \@plus .3\p@\relax
12372   \let\item\@idxitem
12373   }{%
12374   \if@restonecol\onecolumn\else\clearpage\fi}
12375 \if@titlepage
12376 \renewcommand*\TitleFont{\rmfamily}
12377 \renewcommand*\maketitle{%
12378   \begin{titlepage}%
12379     \let\footnotesize\small
12380     \let\right@footnoterule\relax
12381     \let\left@footnoterule\relax
12382     \let\textwidth\footnoterule\relax
12383     \let \footnote \thanks
12384     \let \LTRfootnote \LTRthanks
12385     \let \RTLfootnote \RTLthanks
12386     \long\def\@makefntext##1{\parindent\z@
12387       \def\labelitemi{\textendash}\@revlabeltrue
12388       \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
12389     \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%

```

```

12390 \if@compatibility\setcounter{page}{0}\fi
12391 \null\vfil
12392 \vskip 60\p@
12393 \begin{center}%
12394 \TitleFont
12395 {\LARGE \def\\{\penalty -\@M}
12396 \if@allcaps
12397 \expandafter\uc@nothanks\@title\thanks\relax
12398 \else
12399 \@title
12400 \fi\par}%
12401 \vskip 3em%
12402 {\large
12403 \lineskip .75em \parindent\z@
12404 \begin{tabular}[t]{c}%
12405 \if@allcaps
12406 \expandafter\uc@authornothanks\@author\and\relax
12407 \else
12408 \@author
12409 \fi
12410 \end{tabular}\par}%
12411 \vskip 1.5em%
12412 {\large
12413 \if@allcaps
12414 \uppercase\expandafter{\@date}%
12415 \else
12416 \@date
12417 \fi\par}%
12418 \end{center}\par
12419 \@thanks
12420 \vfil\null
12421 \end{titlepage}%
12422 \setcounter{footnote}{0}%
12423 \global\let\thanks\relax
12424 \global\let\LTRthanks\relax
12425 \global\let\RTLthanks\relax
12426 \global\let\maketitle\relax
12427 \global\let\@thanks\@empty
12428 \global\let\@author\@empty
12429 \global\let\@title\@empty
12430 \global\let\@date\@empty
12431 \global\let\title\relax
12432 \global\let\author\relax
12433 \global\let\date\relax
12434 \global\let\and\relax
12435 }
12436 \def\uc@nothanks#1\thanks{\uppercase{#1}\futurelet\@tempa\uc@tx}
12437 \def\uc@authornothanks#1\and{\uc@nothanks#1\thanks\relax
12438 \futurelet\@tempa\uc@ax}
12439 \def\uc@ax{%

```

```

12440 \ifx\@tempa\relax
12441 \else
12442   \\\andname \\\expandafter\uc@authornothanks
12443 \fi}
12444 \def\uc@tx{\ifx\@tempa\relax
12445   \else \expandafter\uc@ty \fi}
12446 \def\uc@ty#1{\thanks{#1}\uc@nothanks}
12447 \else
12448 \renewcommand*\maketitle{\par
12449   \begingroup
12450     \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
12451     \def\@makefnmark{\rlap{%
12452       \@textsuperscript{\normalfont\@thefnmark}}}%
12453     \long\def\@makefntext{\@xmakefntext{%
12454       \@textsuperscript{\normalfont\@thefnmark}}}%
12455     \if@twocolumn
12456       \ifnum \col@number=\@ne
12457         \@maketitle
12458       \else
12459         \twocolumn[\@maketitle]%
12460       \fi
12461     \else
12462       \newpage
12463       \global\@topnum\z@
12464       \@maketitle
12465     \fi
12466     \thispagestyle{plain}\@thanks
12467   \endgroup
12468   \setcounter{footnote}{0}%
12469   \global\let\thanks\relax
12470   \global\let\LTRthanks\relax
12471   \global\let\RTLthanks\relax
12472   \global\let\maketitle\relax
12473   \global\let\@maketitle\relax
12474   \global\let\@thanks\@empty
12475   \global\let\@author\@empty
12476   \global\let\@title\@empty
12477   \global\let\@date\@empty
12478   \global\let\title\relax
12479   \global\let\author\relax
12480   \global\let\date\relax
12481   \global\let\and\relax
12482 }
12483 \def\@maketitle{%
12484   \newpage
12485   \null
12486   \vskip 2em%
12487   \if@titlecentered
12488     \begin{center}%
12489       \let \footnote \thanks

```

```

12490 \let \LTRfootnote \LTRthanks
12491 \let \RTLfootnote \RTLthanks
12492 {\LARGE \TitleFont \@title \par}%
12493 \vskip 1.5em%
12494 {\large \TitleFont
12495 \lineskip .5em%
12496 \begin{tabular}[t]{c}%
12497 \@author
12498 \end{tabular}\par}%
12499 \vskip 1em%
12500 {\large \TitleFont \@date}%
12501 \end{center}%
12502 \else
12503 {\LARGE \TitleFont \head@style \@title \par} \vskip 1.5em
12504 {\large \TitleFont \lineskip .5em \tabcolsep\z@
12505 \def\and{%% \begin{tabular} has already started
12506 \end{tabular}\hskip 1em plus .17fil
12507 \if@RTL\begin{tabular}[t]{r}\else\begin{tabular}[t]{l}\fi}% \end{tabular}%
12508 \if@RTL\begin{tabular}[t]{r}\else\begin{tabular}[t]{l}\fi\@author\end{tabular}%
12509 \vskip 1em {\large \TitleFont \@date}
12510 \fi
12511 \par
12512 \vskip 1.5em}
12513 \fi
12514 \renewcommand*\@regtocline[3]{%
12515 \ifnum #1>\c@tocdepth
12516 \else
12517 \vskip\z@\@plus.2\p@
12518 {\hangindent\z@ \@afterindenttrue \interlinepenalty\@M
12519 \if@RTL\righskip\else\leftskip\fi\unitindent
12520 \if@RTL\leftskip\else\righskip\fi\unitindent\@plus 1fil
12521 \parfillskip\z@
12522 \@tempdima\unitindent
12523 \parindent\z@
12524 \leavevmode
12525 \hbox{}\hskip -\if@RTL\righskip\else\leftskip\fi\relax#2\nobreak
12526 \hskip 1em \nobreak{\slshape #3}\par
12527 }%
12528 \fi}
12529 \if@oldtoc
12530 \renewcommand*\l@part[2]{%
12531 \ifnum \c@tocdepth >-2\relax
12532 \addpenalty{-\@highpenalty}%
12533 \addvspace{2.25em \@plus\p@}%
12534 \begingroup
12535 \setlength\@tempdima{3em}%
12536 \parindent \z@ \if@RTL\leftskip\else\righskip\fi \@pnumwidth
12537 \parfillskip -\@pnumwidth
12538 {\leavevmode
12539 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par

```

```

12540         \nobreak
12541         \global\@nobreaktrue
12542         \everypar{\global\@nobreakfalse\everypar{}}%
12543     \endgroup
12544 \fi}
12545 \else
12546     \renewcommand*\l@part{%
12547         \ifnum \c@tocdepth >-2\relax
12548             \addpenalty{-\@highpenalty}%
12549             \addvspace{2.25em \@plus \p@}%
12550             \@regtocline{0}%
12551         \fi}
12552 \fi
12553 \if@oldtoc
12554 \renewcommand*\l@chapter[2]{%
12555     \addpenalty{-\@highpenalty}%
12556     \vskip 1.0em \@plus\p@
12557     \setlength\@tempdima{1.5em}%
12558     \begingroup
12559     \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
12560     \parfillskip -\@pnumwidth
12561     \leavevmode \bfseries
12562     \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
12563     \hskip -\if@RTL\rightskip\else\leftskip\fi
12564     #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
12565     \penalty\@highpenalty
12566 \endgroup}
12567 \else
12568     \renewcommand*\l@chapter{\@regtocline{0}}
12569 \fi
12570 \renewcommand*\head@style{%
12571     \interlinepenalty \@M
12572     \hyphenpenalty=\@M \exhyphenpenalty=\@M
12573     \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}
12574 \if@titlepage
12575     \renewenvironment{abstract}{%
12576         \titlepage
12577         \null\vfil
12578         \section*{\SectFont\abstractname}%
12579         \noindent\ignorespaces}
12580     {\par\vfil\null\endtitlepage}
12581 \else
12582     \renewenvironment{abstract}{%
12583         \if@twocolumn
12584             \section*{\abstractname}%
12585         \else
12586             \bgroup\if@RTL\leftskip\else\rightskip\fi=\unitindent
12587             \section*{\small\SectFont\abstractname}%
12588             \noindent\ignorespaces
12589         \fi}

```

```

12590      {\if@twocolumn\else\par\egroup\fi}
12591 \fi
12592 \renewcommand*\thesection{\thechapter\@SepMark\@arabic\c@section}
12593 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@subsection}
12594 \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
12595 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
12596 \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic\c@subparagraph}
12597 \renewcommand*\thefigure{%
12598   \ifnum\c@chapter>\z@\thechapter\@SepMark\fi\@arabic\c@figure}
12599 \renewcommand*\thetable{%
12600   \ifnum\c@chapter>\z@\thechapter\@SepMark\fi\@arabic\c@table}
12601 \renewcommand*\theequation{%
12602   \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@equation}
12603 \renewenvironment{thebibliography}[1]
12604   {\chapter*\bibname}%
12605   \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
12606   \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
12607   \list{\@biblabel{\@arabic\c@enumiv}}%
12608     {\settowidth\labelwidth{\@biblabel{#1}}%
12609     \leftmargin\labelwidth
12610     \advance\leftmargin\labelsep
12611     \@openbib@code
12612     \usecounter{enumiv}%
12613     \let\p@enumiv\@empty
12614     \renewcommand*\theenumiv{\@arabic\c@enumiv}}%
12615   \sloppy\clubpenalty4000\widowpenalty4000%
12616   \sfcode'\.\@m}
12617 {\def\@noitemerr
12618   {\@latex@warning{Empty 'thebibliography' environment}}}%
12619   \endlist}
12620 \renewcommand*\left@footnoterule{%
12621   \kern-3\p@
12622   \kern.5\baselineskip
12623   \hrule\@width\unitindent
12624   \kern.4\baselineskip
12625 }
12626 \renewcommand*\right@footnoterule{%
12627   \hbox to \columnwidth
12628   {\beginR \vbox{%
12629     \kern-3\p@
12630     \kern.5\baselineskip
12631     \hrule\@width\unitindent
12632     \kern.4\baselineskip}\hfil\endR}
12633 }
12634 \renewcommand*\head@style{%
12635   \interlinepenalty \@M
12636   \hyphenpenalty=\@M \exhyphenpenalty=\@M
12637   \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}

```

7.94 refrep-xetex-bidi.def

```

12638 \ProvidesFile{refrep-xetex-bidi.def}[2010/07/25 v0.3 bidi adaptations for refrep class for Xe
12639 \if@titlepage
12640 \renewcommand\maketitle{\begin{titlepage}%
12641 \let\footnotesize\small
12642 \let\right@footnoterule\relax
12643 \let\left@footnoterule\relax
12644 \let\textwidth@footnoterule\relax
12645 \let\footnote\thanks
12646 \let\LTRfootnote\LTRthanks
12647 \let\RTLfootnote\RTLthanks
12648 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
12649 \def\@makefnmark%
12650 {\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
12651 \long\def\@makefntext##1{%
12652 \setpar{\@par
12653 \tempdima = \hspace
12654 \advance\tempdima -1em
12655 \parshape \@ne 1em \tempdima}%
12656 \par\parindent 1em \noindent
12657 \hb@xt@\z@{\hss\@textsuperscript{\normalfont\@thefnmark}\,}##1}
12658 \null\vfil
12659 \vskip 60\p@
12660 \begin{center}%
12661 {\LARGE \@title \par}%
12662 \vskip 3em%
12663 {\large
12664 \lineskip .75em%
12665 \begin{tabular}[t]{c}%
12666 \@author
12667 \end{tabular}\par}%
12668 \vskip 1.5em%
12669 {\large \@date \par}% % Set date in \large size.
12670 \end{center}\par
12671 \@thanks
12672 \vfil\null
12673 \end{titlepage}%
12674 \setcounter{footnote}{0}%
12675 \global\let\thanks\relax
12676 \global\let\LTRthanks\relax
12677 \global\let\RTLthanks\relax
12678 \global\let\maketitle\relax
12679 \global\let\@thanks\@empty
12680 \global\let\@author\@empty
12681 \global\let\@date\@empty
12682 \global\let\@title\@empty
12683 \global\let\title\relax
12684 \global\let\author\relax
12685 \global\let\date\relax

```



```

12686 \global\let\and\relax
12687 }
12688 \else
12689 \renewcommand\maketitle{\par
12690 \begingroup
12691 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
12692 \def\@makefnmark%
12693 {\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
12694 \long\def\@makefntext##1{%
12695 \setpar{\@par
12696 \tempdima = \hsize
12697 \advance\tempdima -1em
12698 \parshape \@ne 1em \tempdima}%
12699 \par\parindent 1em \noindent
12700 \hb@xt@\z@{\hss\@textsuperscript{\normalfont\@thefnmark}\,}##1}
12701 \if@twocolumn
12702 \ifnum \col@number=\@ne
12703 \maketitle
12704 \else
12705 \twocolumn[\maketitle]%
12706 \fi
12707 \else
12708 \newpage
12709 \global\@topnum\z@ % Prevents figures from going at top of page.
12710 \maketitle
12711 \fi
12712 \thispagestyle{empty}\@thanks
12713 \endgroup
12714 \setcounter{footnote}{0}%
12715 \global\let\thanks\relax
12716 \global\let\LTRthanks\relax
12717 \global\let\RTLthanks\relax
12718 \global\let\maketitle\relax
12719 \global\let\@maketitle\relax
12720 \global\let\@thanks\@empty
12721 \global\let\@author\@empty
12722 \global\let\@date\@empty
12723 \global\let\@title\@empty
12724 \global\let\title\relax
12725 \global\let\author\relax
12726 \global\let\date\relax
12727 \global\let\and\relax
12728 }
12729 \def\@maketitle{%
12730 \newpage
12731 \null
12732 \longthickrule\vskip1.5em%
12733 \let \footnote \thanks
12734 \let \LTRfootnote \LTRthanks
12735 \let \RTLfootnote \RTLthanks

```

```

12736 {\secshape \parskip\z@ \parindent\z@
12737 \Large\bfseries \@title \par}%
12738 \vskip1.5em\longthickrule\vskip1.5em%
12739 {\normalsize
12740 \lineskip .5em%
12741 \begin{flushright}%
12742 {\slshape\@author\par}
12743 \vskip 1em%
12744 {\@date}%
12745 \end{flushright}\par}%
12746 \vskip 1.5em}
12747 \fi
12748 \renewcommand*\l@part[2]{%
12749 \ifnum \c@tocdepth >-2\relax
12750 \addpenalty{-\@highpenalty}%
12751 \addvspace{2.25em \@plus\p@}%
12752 \begingroup
12753 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
12754 \parfillskip -\@pnumwidth
12755 {\leavevmode
12756 \large \bfseries #1\hfil \hbox to\@pnumwidth{\hss #2}}\par
12757 \nobreak
12758 \global\@nobreaktrue
12759 \everypar{\global\@nobreakfalse\everypar{}}%
12760 \endgroup
12761 \fi}
12762 \renewcommand*\l@chapter[2]{%
12763 \ifnum \c@tocdepth >\m@ne
12764 \addpenalty{-\@highpenalty}%
12765 \vskip 1.0em \@plus\p@
12766 \setlength\@tempdima{1.5em}%
12767 \begingroup
12768 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
12769 \parfillskip -\@pnumwidth
12770 \leavevmode \bfseries
12771 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
12772 \hskip -\if@RTL\rightskip\else\leftskip\fi
12773 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
12774 \penalty\@highpenalty
12775 \endgroup
12776 \fi}
12777 \renewcommand\secshape{\if@RTL\rightskip\else\leftskip\fi=-\leftmarginwidth%
12778 \if@RTL\leftskip\else\rightskip\fi=\@flushglue%
12779 \hyphenpenalty=2000}
12780 \renewcommand\left@footnoterule{%
12781 \kern-3\p@
12782 \hrule\@width.4\columnwidth
12783 \kern 2.6\p@}
12784 \renewcommand\right@footnoterule{%
12785 \hbox to \columnwidth

```

```

12786 {\beginR \vbox{%
12787 \kern-3\p@
12788 \hrule\@width.4\columnwidth
12789 \kern 2.6\p@\hfil\endR}}
12790 \renewcommand\theequation
12791 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
12792 \renewcommand\thefigure
12793 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
12794 \renewcommand\thetable%
12795 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
12796 \renewcommand\thesection {\thechapter\@SepMark\@arabic\c@section}
12797 \renewcommand\thesubsection {\thesection\@SepMark\@arabic\c@subsection}
12798 \renewcommand\thesubsubsection {\thesubsection \@SepMark\@arabic\c@subsubsection}
12799 \renewcommand\theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
12800 \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}
12801 \renewenvironment{thebibliography}[1]
12802 {\chapter*{\bibname
12803 \mkboth{\bibname}{\bibname}}%
12804 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
12805 \list{\@biblabel{\@arabic\c@enumiv}}%
12806 {\settowidth\labelwidth{\@biblabel{#1}}%
12807 \leftmargin\labelwidth
12808 \advance\leftmargin\labelsep
12809 \@openbib@code
12810 \usecounter{enumiv}%
12811 \let\p@enumiv\@empty
12812 \renewcommand\theenumiv{\@arabic\c@enumiv}}%
12813 \sloppy
12814 \clubpenalty4000
12815 \@clubpenalty \clubpenalty
12816 \widowpenalty4000%
12817 \sfcode'\.=\@m}
12818 {\def\@noitemerr
12819 {\@latex@warning{Empty 'thebibliography' environment}}%
12820 \endlist}

```

7.95 report-xetex-bidi.def

```

12821 \ProvidesFile{report-xetex-bidi.def}[2011/08/26 v0.6 bidi adaptations for standard report cla
12822 \renewenvironment{theindex}
12823 {\if@twocolumn
12824 \restonecolfalse
12825 \else
12826 \restonecoltrue
12827 \fi
12828 \columnseprule \z@
12829 \columnsep 35\p@
12830 \twocolumn[\@makeschapterhead{\indexname}]}%
12831 \mkboth{\MakeUppercase\indexname}%
12832 {\MakeUppercase\indexname}%

```

```

12833             \thispagestyle{plain}\parindent\z@
12834             \parskip\z@ \@plus .3\p@\relax
12835             \let\item\@idxitem}
12836         {\if@restonecol\onecolumn\else\clearpage\fi}
12837 \if@titlepage
12838 \renewcommand\maketitle{\begin{titlepage}%
12839 \let\footnotesize\small
12840 \let\right@footnoterule\relax
12841 \let\left@footnoterule\relax
12842 \let\textwidth\footnoterule\relax
12843 \let \footnote \thanks
12844 \let \LTRfootnote \LTRthanks
12845 \let \RTLfootnote \RTLthanks
12846 \null\vfil
12847 \vskip 60\p@
12848 \begin{center}%
12849     {\LARGE \@title \par}%
12850     \vskip 3em%
12851     {\large
12852       \lineskip .75em%
12853       \begin{tabular}[t]{c}%
12854         \@author
12855         \end{tabular}\par}%
12856       \vskip 1.5em%
12857       {\large \@date \par}%           % Set date in \large size.
12858 \end{center}\par
12859 \@thanks
12860 \vfil\null
12861 \end{titlepage}%
12862 \setcounter{footnote}{0}%
12863 \global\let\thanks\relax
12864 \global\let\LTRthanks\relax
12865 \global\let\RTLthanks\relax
12866 \global\let\maketitle\relax
12867 \global\let\@thanks\@empty
12868 \global\let\@author\@empty
12869 \global\let\@date\@empty
12870 \global\let\@title\@empty
12871 \global\let\title\relax
12872 \global\let\author\relax
12873 \global\let\date\relax
12874 \global\let\and\relax
12875 }
12876 \else
12877 \renewcommand\maketitle{\par
12878 \begingroup
12879   \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
12880   \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
12881   \long\def\@makefntext##1{\parindent 1em\noindent
12882     \hb@xt@1.8em{%

```

```

12883          \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
12884      \if@twocolumn
12885          \ifnum \col@number=\@ne
12886              \@maketitle
12887          \else
12888              \twocolumn[\@maketitle]%
12889          \fi
12890      \else
12891          \newpage
12892          \global\@topnum\z@    % Prevents figures from going at top of page.
12893          \@maketitle
12894      \fi
12895      \thispagestyle{plain}\@thanks
12896  \endgroup
12897  \setcounter{footnote}{0}%
12898  \global\let\thanks\relax
12899  \global\let\LTRthanks\relax
12900  \global\let\RTLthanks\relax
12901  \global\let\maketitle\relax
12902  \global\let\@maketitle\relax
12903  \global\let\@thanks\@empty
12904  \global\let\@author\@empty
12905  \global\let\@date\@empty
12906  \global\let\@title\@empty
12907  \global\let\title\relax
12908  \global\let\author\relax
12909  \global\let\date\relax
12910  \global\let\and\relax
12911 }
12912 \def\@maketitle{%
12913     \newpage
12914     \null
12915     \vskip 2em%
12916     \begin{center}%
12917         \let \footnote \thanks
12918         \let \LTRfootnote \LTRthanks
12919         \let \RTLfootnote \RTLthanks
12920         {\LARGE \@title \par}%
12921         \vskip 1.5em%
12922         {\large
12923             \lineskip .5em%
12924             \begin{tabular}[t]{c}%
12925                 \@author
12926             \end{tabular}\par}%
12927         \vskip 1em%
12928         {\large \@date}%
12929     \end{center}%
12930     \par
12931     \vskip 1.5em}
12932 \fi

```

```

12933 \renewcommand*\l@part[2]{%
12934   \ifnum \c@tocdepth >-2\relax
12935     \addpenalty{-\@highpenalty}%
12936     \addvspace{2.25em \@plus\p@}%
12937     \setlength\@tempdima{3em}%
12938     \begingroup
12939       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
12940       \parfillskip -\@pnumwidth
12941       {\leavevmode
12942         \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
12943       \nobreak
12944       \global\@nobreaktrue
12945       \everypar{\global\@nobreakfalse\everypar{}}%
12946     \endgroup
12947   \fi}
12948 \renewcommand*\l@chapter[2]{%
12949   \ifnum \c@tocdepth >\m@ne
12950     \addpenalty{-\@highpenalty}%
12951     \vskip 1.0em \@plus\p@
12952     \setlength\@tempdima{1.5em}%
12953     \begingroup
12954       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
12955       \parfillskip -\@pnumwidth
12956       \leavevmode \bfseries
12957       \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
12958       \hskip -\if@RTL\rightskip\else\leftskip\fi
12959       #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
12960       \penalty\@highpenalty
12961     \endgroup
12962   \fi}
12963 \renewcommand\left@footnoterule{%
12964   \kern-3\p@
12965   \hrule\@width.4\columnwidth
12966   \kern2.6\p@}
12967 \renewcommand\right@footnoterule{%
12968   \hbox to \columnwidth
12969   {\beginR \vbox{%
12970     \kern-3\p@
12971     \hrule\@width.4\columnwidth
12972     \kern2.6\p@}\hfil\endR}}
12973 \renewcommand\theequation
12974   {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
12975 \renewcommand \thefigure
12976   {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
12977 \renewcommand \thetable
12978   {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
12979 \renewcommand \thechapter {\@arabic\c@chapter}
12980 \renewcommand \thesection {\thechapter\@SepMark\@arabic\c@section}
12981 \renewcommand \thesubsection {\thesection\@SepMark\@arabic\c@subsection}
12982 \renewcommand \thesubsubsection{\thesubsection \@SepMark\@arabic\c@subsubsection}

```

```

12983 \renewcommand\theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
12984 \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}
12985 \def\@makechapterhead#1{%
12986   \vspace*{50\p@}%
12987   {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi \normalfont
12988     \ifnum \c@secnumdepth >\m@ne
12989       \huge\bfseries \@chapapp\space \thechapter
12990       \par\nobreak
12991       \vskip 20\p@
12992     \fi
12993     \interlinepenalty\@M
12994     \Huge \bfseries #1\par\nobreak
12995     \vskip 40\p@
12996   }}
12997 \def\@makeschapterhead#1{%
12998   \vspace*{50\p@}%
12999   {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
13000     \normalfont
13001     \interlinepenalty\@M
13002     \Huge \bfseries #1\par\nobreak
13003     \vskip 40\p@
13004   }}
13005 \renewenvironment{thebibliography}[1]
13006   {\chapter*{\bibname}%
13007    \mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
13008    \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
13009    \list{\@biblabel{\@arabic\c@enumiv}}%
13010      {\settowidth\labelwidth{\@biblabel{#1}}%
13011       \leftmargin\labelwidth
13012       \advance\leftmargin\labelsep
13013       \@openbib@code
13014       \usecounter{enumiv}%
13015       \let\p@enumiv\@empty
13016       \renewcommand\theenumiv{\@arabic\c@enumiv}}%
13017   \sloppy
13018   \clubpenalty4000
13019   \@clubpenalty \clubpenalty
13020   \widowpenalty4000%
13021   \sfcode'\.\@m}
13022 {\def\@noitemerr
13023   {\@latex@warning{Empty 'thebibliography' environment}}}%
13024   \endlist}

```

7.96 rotating-xetex-bidi.def

```

13025 \ProvidesFile{rotating-xetex-bidi.def}[2013/05/22 v0.2 bidi adaptations for rotating package]
13026 \def\end@rotfloat{%
13027   \end{minipage}\end{lrbox}%
13028   \stepcounter{r@tfl@t}%
13029   \rot@label{RF\ther@tfl@t}%

```

```

13030 \rot@pageref{RF\ther@tfl@t}{\R@@page}%
13031 \edef\@tempa{Adding sideways \@captype\space on page \R@@page\space}
13032 \rot@mess@toks\expandafter{\@tempa}
13033 \wd\rot@float@box\z@
13034 \ht\rot@float@box\z@
13035 \dp\rot@float@box\z@
13036 \vboxL to \textheight{%
13037 \setkeys{Grot}{units=360}%
13038 \if@rot@twoside
13039 \else
13040 \let\R@@page\rot@LR
13041 \fi
13042 \ifthenelse{\isodd{\R@@page}}{%
13043 \if@rot@twoside
13044 \rot@mess@toks\expandafter{\the\rot@mess@toks (right hand page)}}%
13045 \fi
13046 \vfill
13047 @@line{%
13048 \hskip\rotFPtop
13049 \rotatebox{90}{\box\rot@float@box}%
13050 \hskip\rotFPbot
13051 }%
13052 }{%
13053 \if@rot@twoside
13054 \rot@mess@toks\expandafter{\the\rot@mess@toks (left hand page)}}%
13055 \fi
13056 @@line{%
13057 \hskip\rotFPbot
13058 \rotatebox{-90}{\box\rot@float@box}%
13059 \hskip\rotFPtop
13060 }%
13061 \vfill
13062 }%
13063 \rot@message{\the\rot@mess@toks}
13064 }%
13065 \end@float
13066 }
13067 \let\endsidewaysfigure\end@rotfloat
13068 \let\endsidewaystable\end@rotfloat
13069 \def\end@rotdblfloat{%
13070 \end{minipage}\end{lrbox}%
13071 \stepcounter{r@tfl@t}%
13072 \rot@label{RF\ther@tfl@t}%
13073 \rot@pageref{RF\ther@tfl@t}{\R@@page}%
13074 \edef\@tempa{Adding sideways \@captype\space on page \R@@page\space}
13075 \rot@mess@toks\expandafter{\@tempa}
13076 \@tempdima\ht\rot@float@box
13077 \advance\@tempdima by \dp\rot@float@box
13078 \wd\rot@float@box\z@
13079 \ht\rot@float@box\z@

```



```

13080 \dp\rot@float@box\z@
13081 \vboxL to \textheight{%
13082 \setkeys{Grot}{units=360}%
13083 \if@rot@twoside
13084 \else
13085 \let\R@@page\rot@LR
13086 \fi
13087 \ifthenelse{\isodd{\R@@page}}{%
13088 \ifrot@messages
13089 \if@rot@twoside
13090 \rot@mess@toks\expandafter{\the\rot@mess@toks (right hand page)}%
13091 \fi
13092 \fi
13093 \vfill
13094 @@line{%
13095 \hskip\rotFPtop
13096 \rotatebox{90}{\box\rot@float@box}%
13097 \hskip\rotFPbot
13098 }%
13099 }{%
13100 \ifrot@messages
13101 \if@rot@twoside
13102 \rot@mess@toks\expandafter{\the\rot@mess@toks (left hand page)}%
13103 \fi
13104 \fi%
13105 @@line{%
13106 \hskip\rotFPbot
13107 \rotatebox{-90}{\box\rot@float@box}%
13108 \hskip\rotFPtop
13109 }%
13110 \vfill
13111 }%
13112 \rot@message{\the\rot@mess@toks}%
13113 }%
13114 \end@dblfloat
13115 }
13116 \def\turn#1{%
13117 \Grot@setangle{#1}%
13118 \setbox\z@\color@hbox\ifmmode\if@RTL\beginR\fi\else\if@RTL\beginR\fi\fi\ignorespaces}
13119 \def\endturn{%
13120 \ifmmode\if@RTL\endR\fi\else\if@RTL\endR\fi\fi
13121 \unskip\color@endbox
13122 \Grot@x\z@
13123 \Grot@y\z@
13124 \ifmmode\else\if@RTL\beginL\fi\fi\Grot@box\ifmmode\else\if@RTL\endL\fi\fi
13125 }
13126 \def\rotate#1{%
13127 \Grot@setangle{#1}%
13128 \setbox\z@\color@hbox\ifmmode\if@RTL\beginR\fi\else\if@RTL\beginR\fi\fi\ignorespaces}
13129 \def\endrotate{%

```

```

13130 \ifmmode\if@RTL\endR\fi\else\if@RTL\endR\fi\fi
13131 \unskip\color@endbox
13132 \Grot@x\z@
13133 \Grot@y\z@
13134 \wd0\z@\dp0\z@\ht0\z@
13135 \ifmmode\else\if@RTL\beginL\fi\fi\Grot@box\ifmmode\else\if@RTL\endL\fi\fi
13136 }
13137 \def\turnbox#1#2{%
13138 \Grot@setangle{#1}%
13139 \setbox\z@\hbox{\ifmmode\if@RTL\beginR\fi\else\if@RTL\beginR\fi\fi#2\ifmmode\if@RTL\endR\fi\fi}
13140 \Grot@x\z@\Grot@y\z@
13141 \wd0\z@\dp0\z@\ht0\z@
13142 \ifmmode\else\if@RTL\beginL\fi\fi\Grot@box\ifmmode\else\if@RTL\endL\fi\fi
13143 }
13144 \def\sideways{%
13145 \Grot@setangle{90}%
13146 \setbox\z@\color@hbox\ifmmode\if@RTL\beginR\fi\else\if@RTL\beginR\fi\fi\ignorespaces}
13147 \def\endsideways{%
13148 \ifmmode\if@RTL\endR\fi\else\if@RTL\endR\fi\fi
13149 \unskip\color@endbox
13150 \Grot@x\z@
13151 \Grot@y\z@
13152 \ifmmode\else\if@RTL\beginL\fi\fi\Grot@box\ifmmode\else\if@RTL\endL\fi\fi
13153 }

```

7.97 scrartcl-xetex-bidi.def

```

13154 \ProvidesFile{scrartcl-xetex-bidi.def}[2012/01/01 v0.6 bidi adaptations for scrartcl class fo
13155 \newcommand{\scr@saved@LTRfootnotetext}{}
13156 \newcommand{\scr@saved@RTLfootnotetext}{}
13157 \let\scr@saved@footnotetext\@footnotetext
13158 \let\scr@saved@LTRfootnotetext\@LTRfootnotetext
13159 \let\scr@saved@RTLfootnotetext\@RTLfootnotetext
13160 \renewcommand{\@footnotetext}[1]{%
13161 \scr@saved@footnotetext{#1}%
13162 \csname FN@mfb@prepare\endcsname
13163 }
13164 \renewcommand{\@LTRfootnotetext}[1]{%
13165 \scr@saved@LTRfootnotetext{#1}%
13166 \csname FN@mfb@prepare\endcsname
13167 }
13168 \renewcommand{\@RTLfootnotetext}[1]{%
13169 \scr@saved@RTLfootnotetext{#1}%
13170 \csname FN@mfb@prepare\endcsname
13171 }
13172 \renewcommand\deffootnote[4][{}]{%
13173 \long\def\@makefntext##1{%
13174 \setlength{\@tempdimc}{#3}%
13175 \def\@tempa{#1}\ifx\@tempa\@empty
13176 \setpar{\@par

```

```

13177      \@tempdima = \hsize
13178      \addtolength{\@tempdima}{-#2}%
13179      \if@RTL\parshape \@ne Opt \@tempdima\else\parshape \@ne #2 \@tempdima\fi}%
13180  \else
13181      \addtolength{\@tempdimc}{#2}%
13182      \addtolength{\@tempdimc}{-#1}%
13183      \@setpar{\@par
13184      \@tempdima = \hsize
13185      \addtolength{\@tempdima}{-#1}%
13186      \@tempdimb = \hsize
13187      \addtolength{\@tempdimb}{-#2}%
13188      \if@RTL\parshape \tw@ Opt \@tempdima Opt \@tempdimb\else\parshape \tw@ #1 \@tempdima
13189      }%
13190  \fi
13191  \par
13192  \parindent\@tempdimc\noindent
13193  \ftn@font\hbox to \z@{\hss\@makefnmark}##1%
13194  }%
13195  \def\@makefnmark{\hbox{\ftn@font{#4}}}%
13196  }
13197  \def\footnote[1em]{1.5em}{1em}{\textsuperscript{\thefootnotemark}}
13198  \renewcommand*\left@footnoterule{%
13199  \normalsize\ftn@rule@test@values
13200  \kern-\dimexpr 2.6\p@+\ftn@rule@height\relax
13201  \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
13202  {\usekomafont{footnoterule}{%
13203      \hrule \@height\ftn@rule@height \@width\ftn@rule@width}}}%
13204  \kern 2.6\p@}
13205  \renewcommand*\right@footnoterule{%
13206  \hbox to \columnwidth
13207  {\beginR \vbox{\kern -3\p@
13208  \normalsize\ftn@rule@test@values
13209  \kern-\dimexpr 2.6\p@+\ftn@rule@height\relax
13210  \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
13211  {\usekomafont{footnoterule}{%
13212      \hrule \@height\ftn@rule@height \@width\ftn@rule@width}}}%
13213  \kern 2.6\p@}\hfil\endR}}
13214  \renewcommand*\maketitle[1][1]{%
13215  \if@titlepage
13216  \begin{titlepage}
13217  \setcounter{page}{%
13218  #1%
13219  }%
13220  \let\footnotesize\small
13221  \let\right@footnoterule\relax
13222  \let\left@footnoterule\relax
13223  \let\textwidth\footnoterule\relax
13224  \let\footnote\thanks
13225  \let\LTRfootnote\LTRthanks
13226  \let\RTLfootnote\RTLthanks

```

```

13227 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
13228 \let\@oldmakefnmark\@makefnmark
13229 \renewcommand*{\@makefnmark}{\rlap\@oldmakefnmark}%
13230 \ifx\@extratitle\@empty \else
13231     \noindent\@extratitle\next@tpage\cleardoubleemptypage
13232     \thispagestyle{empty}%
13233 \fi
13234 \setparsizes{\z@}{\z@}{\z@\@plus 1fil}\par@updaterelative
13235 \ifx\@titlehead\@empty \else
13236     \begin{minipage}[t]{\textwidth}%
13237     \@titlehead
13238     \end{minipage}\par
13239 \fi
13240 \null\vfill
13241 \begin{center}
13242     \ifx\@subject\@empty \else
13243         {\subject@font \@subject \par}%
13244         \vskip 3em
13245     \fi
13246     {\titlefont\huge \@title\par}%
13247     \vskip 1em
13248     {\ifx\@subtitle\@empty\else\usekomafont{subtitle}\@subtitle\par\fi}%
13249     \vskip 2em
13250     {\Large \lineskip 0.75em
13251     \begin{tabular}[t]{c}
13252         \@author
13253     \end{tabular}\par
13254     }%
13255     \vskip 1.5em
13256     {\Large \@date \par}%
13257     \vskip \z@ \@plus3fill
13258     {\Large \@publishers \par}%
13259     \vskip 3em
13260 \end{center}\par
13261 \@thanks
13262 \vfill\null
13263 \if@twoside\next@tpage
13264     \begin{minipage}[t]{\textwidth}
13265         \@uppertitleback
13266     \end{minipage}\par
13267     \vfill
13268     \begin{minipage}[b]{\textwidth}
13269         \@lowertitleback
13270     \end{minipage}
13271 \fi
13272 \ifx\@dedication\@empty \else
13273     \next@tpage\null\vfill
13274     {\centering \Large \@dedication \par}%
13275     \vskip \z@ \@plus3fill
13276 \if@twoside \next@tpage\cleardoubleemptypage \fi

```

```

13277     \fi
13278     \end{titlepage}
13279 \else
13280     \par
13281     \@tempcnta=%
13282     #1%
13283     \relax\ifnum\@tempcnta=1\else
13284         \ClassWarning{\KOMAClassName}{%
13285             Optional argument of \string\maketitle\space ignored
13286             at\MessageBreak
13287             notitlepage-mode%
13288         }%
13289     \fi
13290     \begingroup
13291         \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
13292         \let\@oldmakefnmark\@makefnmark
13293         \renewcommand*{\@makefnmark}{\rlap\@oldmakefnmark}
13294         \if@twocolumn
13295             \ifnum \col@number=\@ne
13296                 \@maketitle
13297             \else
13298                 \twocolumn[\@maketitle]%
13299             \fi
13300         \else
13301             \newpage
13302             \global\@topnum\z@
13303             \@maketitle
13304         \fi
13305         \thispagestyle{\titlepagestyle}\@thanks
13306     \endgroup
13307 \fi
13308 \setcounter{footnote}{0}%
13309 \let\thanks\relax
13310 \let\LTRthanks\relax
13311 \let\RTLthanks\relax
13312 \let\maketitle\relax
13313 \let\@maketitle\relax
13314 \global\let\@thanks\@empty
13315 \global\let\@author\@empty
13316 \global\let\@date\@empty
13317 \global\let\@title\@empty
13318 \global\let\@subtitle\@empty
13319 \global\let\@extratitle\@empty
13320 \global\let\@titlehead\@empty
13321 \global\let\@subject\@empty
13322 \global\let\@publishers\@empty
13323 \global\let\@uppertitleback\@empty
13324 \global\let\@lowertitleback\@empty
13325 \global\let\@dedication\@empty
13326 \global\let\author\relax

```

```

13327 \global\let\title\relax
13328 \global\let\extratitle\relax
13329 \global\let\titlehead\relax
13330 \global\let\subject\relax
13331 \global\let\publishers\relax
13332 \global\let\uppertitleback\relax
13333 \global\let\lowertitleback\relax
13334 \global\let\dedication\relax
13335 \global\let\date\relax
13336 \global\let\and\relax
13337 }%
13338 \renewcommand*{\@maketitle}{%
13339 \clearpage
13340 \let\footnote\thanks
13341 \let\LTRfootnote\LTRthanks
13342 \let\RTLfootnote\RTLthanks
13343 \ifx\@extratitle\@empty \else
13344 \noindent\@extratitle \next@tpage \if@twoside \null\next@tpage \fi
13345 \fi
13346 \setparsizes{\z@}{\z@}{\z@\@plus 1fil}\par@updaterelative
13347 \ifx\@titlehead\@empty \else
13348 \begin{minipage}[t]{\textwidth}
13349 \@titlehead
13350 \end{minipage}\par
13351 \fi
13352 \null
13353 \vskip 2em%
13354 \begin{center}%
13355 \ifx\@subject\@empty \else
13356 {\subject@font \@subject \par}
13357 \vskip 1.5em
13358 \fi
13359 {\titlefont\huge \@title \par}%
13360 \vskip .5em
13361 {\ifx\@subtitle\@empty\else\usekomafont{subtitle}\@subtitle\par\fi}%
13362 \vskip 1em
13363 {\Large
13364 \lineskip .5em%
13365 \begin{tabular}[t]{c}
13366 \@author
13367 \end{tabular}\par
13368 }%
13369 \vskip 1em%
13370 {\Large \@date \par}%
13371 \vskip \z@ \@plus 1em
13372 {\Large \@publishers \par}
13373 \ifx\@dedication\@empty \else
13374 \vskip 2em
13375 {\Large \@dedication \par}
13376 \fi

```

```

13377 \end{center}%
13378 \par
13379 \vskip 2em
13380 }%
13381 \renewcommand*\l@part[2]{%
13382 \ifnum \c@tocdepth >\m@ne\relax
13383 \addpenalty{\@secpenalty}%
13384 \addvspace{2.25em \@plus\p@}%
13385 \setlength{\@tempdima}{2em}%
13386 \if@tocleft
13387 \ifx\toc@l@number\@empty\else
13388 \setlength{\@tempdima}{0\toc@l@number}%
13389 \fi
13390 \fi
13391 \begingroup
13392 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
13393 \parfillskip -\@pnumwidth
13394 \leavevmode
13395 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima
13396 \hskip -\if@RTL\rightskip\else\leftskip\fi
13397 {\usekomafont{partentry}{#1\nobreak
13398 \usekomafont{partentrypagenumber}{\hfil\nobreak
13399 \hbext@{\@pnumwidth{\hss#2}}}}\par
13400 \ifnum \scr@compatibility>\@nameuse{scr@v2.96}\relax
13401 \endgroup
13402 \penalty20010
13403 \else
13404 \if@compatibility
13405 \global\@nobreaktrue
13406 \everypar{\global\@nobreakfalse\everypar{}}%
13407 \else
13408 \penalty\@highpenalty
13409 \fi
13410 \endgroup
13411 \fi
13412 \fi
13413 }
13414 \renewcommand*\l@section[2]{%
13415 \ifnum \c@tocdepth >\z@
13416 \ifnum \lastpenalty<20009
13417 \addpenalty{\@secpenalty}%
13418 \fi
13419 \addvspace{1.0em \@plus\p@}%
13420 \setlength{\@tempdima}{1.5em}%
13421 \if@tocleft
13422 \ifx\toc@l@number\@empty\else
13423 \setlength{\@tempdima}{0\toc@l@number}%
13424 \fi
13425 \fi
13426 \begingroup

```

```

13427 \raggedsectionentry
13428 \parindent \z@ \advance\if@RTL\leftskip\else\rightskip\fi \@pnumwidth
13429 \parfillskip -\@pnumwidth
13430 \interlinepenalty\@M
13431 \leavevmode
13432 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\right
13433 {\usekomafont{sectionentry}{#1\nobreak
13434 \usekomafont{sectionentrypagenumber}{%
13435 \hfill\nobreak
13436 \hb@xt@\@pnumwidth{\hss#2}}}\par
13437 \endgroup
13438 \ifnum \scr@compatibility>\@nameuse{scr@v@2.96}\relax
13439 \penalty20008
13440 \fi
13441 \fi
13442 }
13443 \def\raggedsection{\if@RTL\raggedleft\else\raggedright\fi}
13444 \def\raggedpart{\if@RTL\raggedleft\else\raggedright\fi}
13445 \renewcommand*\autodot{\if@altsecnumformat\@SepMark\fi}
13446 \renewcommand*{\thesubsection}{\thesection\@SepMark\@arabic\c@section}
13447 \renewcommand*{\thesubsubsection}{%
13448 \thesubsection\@SepMark\@arabic\c@subsubsection
13449 }
13450 \renewcommand*{\theparagraph}{\thesubsubsection\@SepMark\@arabic\c@paragraph}
13451 \renewcommand*{\thesubparagraph}{%
13452 \theparagraph\@SepMark\@arabic\c@subparagraph
13453 }
13454 \renewenvironment{thebibliography}[1]{%
13455 \if@bib@break@
13456 \bib@beginhook
13457 \else
13458 \bib@heading
13459 \ifx\bibpreamble\relax\else\ifx\bibpreamble\@empty\else
13460 \noindent\bibpreamble\par\nobreak
13461 \fi\fi
13462 \bib@beginhook
13463 \bib@before@hook
13464 \fi
13465 \renewcommand{\BreakBibliography}[1]{%
13466 \@bib@break
13467 \end{thebibliography}%
13468 \begingroup ##1\endgroup
13469 \begin{thebibliography}{#1}
13470 }%
13471 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
13472 \list{%
13473 \@biblabel{\@arabic\c@enumiv}%
13474 }{%
13475 \settowidth\labelwidth{\@biblabel{#1}}%
13476 \leftmargin\labelwidth

```



```

13477 \advance\leftmargin\labelsep
13478 \@openbib@code
13479 \if@bib@break@
13480 \edef\@tempa{%
13481 \noexpand\usecounter{enumiv}%
13482 \noexpand\setcounter{enumiv}{\the\c@enumiv}%
13483 }\@tempa
13484 \no@bib@break
13485 \else
13486 \usecounter{enumiv}%
13487 \fi
13488 \let\p@enumiv\@empty
13489 \renewcommand*\theenumiv{\@arabic\c@enumiv}%
13490 }%
13491 \sloppy\clubpenalty4000 \widowpenalty4000
13492 \sfcode'\.=\@m
13493 }{%
13494 \if@bib@break@
13495 \def\@noitemerr{%
13496 \@latex@warning{%
13497 \string\BreakBibliography\space at begin of 'thebibliography'
13498 environment\MessageBreak
13499 or following \string\BreakBibliography}%
13500 }%
13501 \else
13502 \def\@noitemerr{%
13503 \@latex@warning{%
13504 Empty 'thebibliography' environment or
13505 \string\BreakBibliography\MessageBreak
13506 before end of 'thebibliography' environment}%
13507 }%
13508 \fi
13509 \endlist
13510 \if@bib@break@
13511 \else
13512 \bib@after@hook
13513 \let\bib@before@hook\@empty
13514 \let\bib@after@hook\@empty
13515 \fi
13516 \bib@endhook
13517 }
13518 \renewcommand*\left@footnoterule{%
13519 \kern-3\p@
13520 \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
13521 \hrule\@width.4\columnwidth
13522 \kern 2.6\p@}
13523 \renewcommand*\right@footnoterule{%
13524 \hbox to \columnwidth
13525 {\beginR \vbox{%
13526 \kern-3\p@

```

```

13527 \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
13528 \hrule\@width.4\columnwidth
13529 \kern 2.6\p@\hfil\endR}}
13530 \renewcommand*{\raggeddictum}{\if@RTL\raggedright\else\raggedleft\fi}
13531 \renewcommand*{\raggeddictumtext}{\if@RTL\raggedleft\else\raggedright\fi}
13532 \renewcommand*{\raggeddictumauthor}{\if@RTL\raggedright\else\raggedleft\fi}
13533 \renewcommand\marginline[1]{%
13534 \marginpar[\if@RTL\raggedright\else\raggedleft\fi{#1}]{\if@RTL\raggedleft\else\raggedright\fi}
13535 }
13536 \renewcommand{\@makecaption}[3]{%
13537 \cap@margin
13538 \ifonelinecaptions
13539 \@tempcnta=\value{mpfootnote}\@tempcntb=\value{footnote}%
13540 \let\scr@tmp@footnotetext=\@footnotetext
13541 \let\@footnotetext=\@gobble
13542 \let\scr@tmp@LTRfootnotetext=\@LTRfootnotetext
13543 \let\@LTRfootnotetext=\@gobble
13544 \let\scr@tmp@RTLfootnotetext=\@RTLfootnotetext
13545 \let\@RTLfootnotetext=\@gobble
13546 \sbox\@tempboxa{%
13547 {\capfont{\strut\ignorespaces
13548 #1{\caplabelfont{#2\captionformat}}}%
13549 #3\unskip\strut}}%
13550 }%
13551 \let\@footnotetext=\scr@tmp@footnotetext
13552 \let\scr@tmp@footnotetext=\undefined
13553 \let\@LTRfootnotetext=\scr@tmp@LTRfootnotetext
13554 \let\scr@tmp@LTRfootnotetext=\undefined
13555 \let\@RTLfootnotetext=\scr@tmp@RTLfootnotetext
13556 \let\scr@tmp@RTLfootnotetext=\undefined
13557 \setcounter{footnote}{\@tempcntb}%
13558 \setcounter{mpfootnote}{\@tempcnta}%
13559 \else
13560 \sbox\@tempboxa{\hspace*{2\cap@width}}%
13561 \fi
13562 \begingroup%
13563 \setlength{\@tempdima}{\cap@width}%
13564 \ifdim \wd\@tempboxa >\@tempdima
13565 \hb@xt@\hsize{%
13566 \setbox\@tempboxa\vbox{\hsize=\cap@width
13567 \ifdofullc@p
13568 {\capfont{\@hangfrom{\scr@smashdp{\strut\ignorespaces
13569 #1{\caplabelfont{#2\captionformat}}}}}%
13570 {#3\unskip\strut\par}}}%
13571 \else%
13572 \ifdim\cap@indent<\z@
13573 {\capfont{\strut\ignorespaces
13574 #1{\caplabelfont{#2\captionformat\par}}}%
13575 \noindent\hspace*{-\cap@indent}#3\unskip\strut\par}}%
13576 \else%

```

```

13577         \if@capbreak
13578             {\capfont{\strut\ignorespaces
13579                 #1{\caplabelfont{#2\captionformat\par}}}%
13580                 \noindent\@hangfrom{\hspace*{\cap@indent}}{#3\par}}}%
13581         \else
13582             {\capfont{\@hangfrom{\scr@smashdp\strut\hspace*{\cap@indent}}%
13583                 {\hspace{-\cap@indent}\scr@smashdp{\ignorespaces#1%
13584                     {\caplabelfont{#2\captionformat}}}}#3\unskip\strut\par}}}%
13585         \fi
13586     \fi
13587 \fi
13588 }%
13589 \setlength{\@tempdima}{\ht\@tempboxa}%
13590 \addtolength{\@tempdima}{\dp\@tempboxa}%
13591 \addtolength{\@tempdima}{-\ht\strutbox}%
13592 \ht\@tempboxa\ht\strutbox
13593 \dp\@tempboxa\@tempdima
13594 \strut\cap@left
13595 \box\@tempboxa
13596 \cap@right\strut
13597 }%
13598 \else
13599     \global \@minipagefalse
13600     \sbox\@tempboxa{%
13601         {\capfont{\scr@smashdp{\strut\ignorespaces
13602             #1{\caplabelfont{#2\captionformat}}}}}%
13603         #3}%
13604     }%
13605     {\capfont{\hb@xt@\hsize{\strut\cap@left\if@RTL\beginR\fi\box\@tempboxa\if@RTL\endR\fi\c
13606     \fi
13607 \endgroup
13608 }
13609 \renewcommand{\@makecaption}[2]{%
13610     \if@captionabove
13611         \vskip\belowcaptionskip
13612     \else
13613         \vskip\abovecaptionskip
13614     \fi
13615     \@makecaption\@firstofone{#1}{#2}%
13616     \if@captionabove
13617         \vskip\abovecaptionskip
13618     \else
13619         \vskip\belowcaptionskip
13620     \fi
13621 }

```

7.98 scrbook-xetex-bidi.def

```

13622 \ProvidesFile{scrbook-xetex-bidi.def}[2012/01/01 v0.6 bidi adaptations for scrbook class for
13623 \newcommand{\scr@saved@LTRfootnotetext}{}

```

```

13624 \newcommand{\scr@saved@RTLfootnotetext}{}
13625 \let\scr@saved@footnotetext\@footnotetext
13626 \let\scr@saved@LTRfootnotetext\@LTRfootnotetext
13627 \let\scr@saved@RTLfootnotetext\@RTLfootnotetext
13628 \renewcommand{\@footnotetext}[1]{%
13629   \scr@saved@footnotetext{#1}%
13630   \csname FN@mfb@prepare\endcsname
13631 }
13632 \renewcommand{\@LTRfootnotetext}[1]{%
13633   \scr@saved@LTRfootnotetext{#1}%
13634   \csname FN@mfb@prepare\endcsname
13635 }
13636 \renewcommand{\@RTLfootnotetext}[1]{%
13637   \scr@saved@RTLfootnotetext{#1}%
13638   \csname FN@mfb@prepare\endcsname
13639 }
13640 \renewcommand\deffootnote[4][1]{%
13641   \long\def\@makefnmark##1{%
13642     \setlength{\@tempdimc}{#3}%
13643     \def\@tempa{#1}\ifx\@tempa\@empty
13644       \setpar{\@par
13645         \@tempdima = \hsize
13646         \addtolength{\@tempdima}{-#2}%
13647         \if@RTL\parshape \@ne Opt \@tempdima\else\parshape \@ne #2 \@tempdima\fi}%
13648       \else
13649         \addtolength{\@tempdimc}{#2}%
13650         \addtolength{\@tempdimc}{-#1}%
13651         \setpar{\@par
13652           \@tempdima = \hsize
13653           \addtolength{\@tempdima}{-#1}%
13654           \@tempdimb = \hsize
13655           \addtolength{\@tempdimb}{-#2}%
13656           \if@RTL\parshape \tw@ Opt \@tempdima Opt \@tempdimb\else\parshape \tw@ #1 \@tempdima
13657         }%
13658       \fi
13659       \par
13660       \parindent\@tempdimc\noindent
13661       \ftn@font\hbox to \z@{\hss\@makefnmark}##1%
13662     }%
13663   \def\@makefnmark{\hbox{\ftn@font{#4}}}%
13664 }
13665 \deffootnote[1em]{1.5em}{1em}{\textsuperscript{\thefootnotemark}}
13666 \renewcommand*\left@footnoterule{%
13667   \normalsize\ftn@rule@test@values
13668   \kern-\dimexpr 2.6\p+ \ftn@rule@height\relax
13669   \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
13670   {\usekomafont{footnoterule}{%
13671     \hrule \@height\ftn@rule@height \@width\ftn@rule@width}}%
13672   \kern 2.6\p@}
13673 \renewcommand*\right@footnoterule{%

```

```

13674 \hbox to \columnwidth
13675 {\beginR \vbox{\kern -3\p@
13676 \normalsize\ftn@rule@test@values
13677 \kern-\dimexpr 2.6\p@+\ftn@rule@height\relax
13678 \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
13679 {\usekomafont{footnoterule}{%
13680 \hrule \@height\ftn@rule@height \@width\ftn@rule@width}}}%
13681 \kern 2.6\p@}\hfil\endR}}
13682 \renewcommand*\maketitle[1][1]{%
13683 \if@titlepage
13684 \begin{titlepage}
13685 \setcounter{page}{%
13686 #1%
13687 }%
13688 \let\footnotesize\small
13689 \let\right@footnoterule\relax
13690 \let\left@footnoterule\relax
13691 \let\textwidth@footnoterule\relax
13692 \let\footnote\thanks
13693 \let\LTRfootnote\LTRthanks
13694 \let\RTLfootnote\RTLthanks
13695 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
13696 \let\@oldmakefnmark\@makefnmark
13697 \renewcommand*{\@makefnmark}{\rlap\@oldmakefnmark}%
13698 \ifx\@extratitle\@empty \else
13699 \noindent\@extratitle\next@tpage\cleardoubleemptypage
13700 \thispagestyle{empty}%
13701 \fi
13702 \setparsizes{\z@}{\z@}{\z@\@plus 1fil}\par@updaterelative
13703 \ifx\@titlehead\@empty \else
13704 \begin{minipage}[t]{\textwidth}%
13705 \@titlehead
13706 \end{minipage}\par
13707 \fi
13708 \null\vfill
13709 \begin{center}
13710 \ifx\@subject\@empty \else
13711 {\subject@font \@subject \par}%
13712 \vskip 3em
13713 \fi
13714 {\titlefont\huge \@title\par}%
13715 \vskip 1em
13716 {\ifx\@subtitle\@empty\else\usekomafont{subtitle}\@subtitle\par\fi}%
13717 \vskip 2em
13718 {\Large \lineskip 0.75em
13719 \begin{tabular}[t]{c}
13720 \@author
13721 \end{tabular}\par
13722 }%
13723 \vskip 1.5em

```

```

13724      {\Large \@date \par}%
13725      \vskip \z@ \@plus3fill
13726      {\Large \@publishers \par}%
13727      \vskip 3em
13728      \end{center}\par
13729      \@thanks
13730      \vfill\null
13731      \if@twoside\next@tpage
13732        \begin{minipage}[t]{\textwidth}
13733          \uppertitleback
13734        \end{minipage}\par
13735        \vfill
13736        \begin{minipage}[b]{\textwidth}
13737          \lowertitleback
13738        \end{minipage}
13739      \fi
13740      \ifx\@dedication\@empty \else
13741        \next@tpage\null\vfill
13742        {\centering \Large \@dedication \par}%
13743        \vskip \z@ \@plus3fill
13744        \if@twoside \next@tpage\cleardoubleemptypage \fi
13745      \fi
13746      \end{titlepage}
13747    \else
13748      \par
13749      \@tempcnta=%
13750      #1%
13751      \relax\ifnum\@tempcnta=1\else
13752        \ClassWarning{\KOMAClassName}{%
13753          Optional argument of \string\maketitle\space ignored
13754          at\MessageBreak
13755          notitlepage-mode%
13756        }%
13757      \fi
13758      \begin{group}
13759        \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
13760        \let\oldmakefnmark\makefnmark
13761        \renewcommand*\@makefnmark{\rlap\oldmakefnmark}
13762        \if@twocolumn
13763          \ifnum \col@number=\@ne
13764            \@maketitle
13765          \else
13766            \twocolumn[\@maketitle]%
13767          \fi
13768        \else
13769          \newpage
13770          \global\@topnum\z@
13771          \@maketitle
13772        \fi
13773        \thispagestyle{\titlepagestyle}\@thanks

```

```

13774 \endgroup
13775 \fi
13776 \setcounter{footnote}{0}%
13777 \let\thanks\relax
13778 \let\LTRthanks\relax
13779 \let\RTLthanks\relax
13780 \let\maketitle\relax
13781 \let\@maketitle\relax
13782 \global\let\@thanks\@empty
13783 \global\let\@author\@empty
13784 \global\let\@date\@empty
13785 \global\let\@title\@empty
13786 \global\let\@subtitle\@empty
13787 \global\let\@extratitle\@empty
13788 \global\let\@titlehead\@empty
13789 \global\let\@subject\@empty
13790 \global\let\@publishers\@empty
13791 \global\let\@uppertitleback\@empty
13792 \global\let\@lowertitleback\@empty
13793 \global\let\@dedication\@empty
13794 \global\let\author\relax
13795 \global\let\title\relax
13796 \global\let\extratitle\relax
13797 \global\let\titlehead\relax
13798 \global\let\subject\relax
13799 \global\let\publishers\relax
13800 \global\let\uppertitleback\relax
13801 \global\let\lowertitleback\relax
13802 \global\let\dedication\relax
13803 \global\let\date\relax
13804 \global\let\and\relax
13805 }%
13806 \renewcommand*{\@maketitle}{%
13807 \clearpage
13808 \let\footnote\thanks
13809 \let\LTRfootnote\LTRthanks
13810 \let\RTLfootnote\RTLthanks
13811 \ifx\@extratitle\@empty \else
13812 \noindent\@extratitle \next@tpage \if@twoside \null\next@tpage \fi
13813 \fi
13814 \setparsizes{\z@}{\z@}{\z@\@plus 1fil}\par@updaterelative
13815 \ifx\@titlehead\@empty \else
13816 \begin{minipage}[t]{\textwidth}
13817 \@titlehead
13818 \end{minipage}\par
13819 \fi
13820 \null
13821 \vskip 2em%
13822 \begin{center}%
13823 \ifx\@subject\@empty \else

```

```

13824      {\subject@font \@subject \par}
13825      \vskip 1.5em
13826    \fi
13827    {\titlefont\huge \@title \par}%
13828    \vskip .5em
13829    {\ifx\@subtitle\@empty\else\usekomafont{subtitle}\@subtitle\par\fi}%
13830    \vskip 1em
13831    {\Large
13832      \lineskip .5em%
13833      \begin{tabular}[t]{c}
13834        \@author
13835      \end{tabular}\par
13836    }%
13837    \vskip 1em%
13838    {\Large \@date \par}%
13839    \vskip \z@ \@plus 1em
13840    {\Large \@publishers \par}
13841    \ifx\@dedication\@empty \else
13842      \vskip 2em
13843      {\Large \@dedication \par}
13844    \fi
13845    \end{center}%
13846    \par
13847    \vskip 2em
13848  }%
13849  \renewcommand*{\l@part[2]{%
13850    \ifnum \c@tocdepth >-2\relax
13851      \addpenalty{-\@highpenalty}%
13852      \addvspace{2.25em \@plus\p@}%
13853      \setlength{\@tempdima}{2em}%
13854      \if@tocleft
13855        \ifx\toc@l@number\@empty\else
13856          \setlength{\@tempdima}{0\toc@l@number}%
13857        \fi
13858      \fi
13859      \begingroup
13860        \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
13861        \parfillskip -\@pnumwidth
13862        \leavevmode
13863        \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
13864        \hskip -\if@RTL\rightskip\else\leftskip\fi
13865        {\usekomafont{partentry}{#1\nobreak
13866          \usekomafont{partentrypagenumber}{\hfil\nobreak
13867            \hb@xt@\@pnumwidth{\hss#2}}}\par
13868        \ifnum \scr@compatibility>\@nameuse{scr@v@2.96}\relax
13869        \endgroup
13870        \penalty20010
13871      \else
13872        \penalty\@highpenalty
13873      \endgroup

```



```

13874 \fi
13875 \fi
13876 }\renewcommand*\l@part[2]{%
13877 \ifnum \c@tocdepth >-2\relax
13878 \addpenalty{-\@highpenalty}%
13879 \addvspace{2.25em \@plus\p@}%
13880 \setlength{\@tempdima}{2em}%
13881 \if@tocleft
13882 \ifx\toc@l@number\@empty\else
13883 \setlength{\@tempdima}{0\toc@l@number}%
13884 \fi
13885 \fi
13886 \begingroup
13887 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
13888 \parfillskip -\@pnumwidth
13889 \leavevmode
13890 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima
13891 \hskip -\if@RTL\rightskip\else\leftskip\fi
13892 {\usekomafont{partentry}{#1\nobreak
13893 \usekomafont{partentrypagenumber}{\hfil\nobreak
13894 \hb@xt@\@pnumwidth{\hss#2}}}\par
13895 \ifnum \scr@compatibility>\@nameuse{scr@v@2.96}\relax
13896 \endgroup
13897 \penalty20010
13898 \else
13899 \penalty\@highpenalty
13900 \endgroup
13901 \fi
13902 \fi
13903 }
13904 \renewcommand*\l@chapter[2]{%
13905 \ifnum \c@tocdepth >\m@ne
13906 \ifnum \lastpenalty<20010
13907 \addpenalty{-\@highpenalty}%
13908 \fi
13909 \vskip 1.0em \@plus\p@
13910 \setlength{\@tempdima}{1.5em}%
13911 \if@tocleft
13912 \ifx\toc@l@number\@empty\else
13913 \setlength{\@tempdima}{0\toc@l@number}%
13914 \fi
13915 \fi
13916 \begingroup
13917 \raggedchapterentry
13918 \parindent \z@ \advance\if@RTL\leftskip\else\rightskip\fi \@pnumwidth
13919 \parfillskip -\@pnumwidth
13920 \interlinepenalty\@M
13921 \leavevmode
13922 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\right
13923 {\usekomafont{chapterentry}{#1\nobreak

```

```

13924         \usekomafont{chapterentrypagenumber}{%
13925             \hfill\nobreak
13926             \hb@xt@{\@pnumwidth{\hss#2}}}{\par
13927         \ifnum \scr@compatibility>\@nameuse{scr@v@2.96}\relax
13928         \endgroup
13929         \penalty20009
13930         \else
13931             \penalty\@highpenalty
13932         \endgroup
13933     \fi
13934 \fi
13935 }
13936 \def\raggedsection{\ifRTL\raggedleft\else\raggedright\fi}
13937 \renewcommand*\autodot{\if@altsecnumformat\@SepMark\fi}
13938 \renewcommand*\thesection{%
13939     \ifnum \scr@compatibility>\@nameuse{scr@v@2.97d}\relax
13940     \if@mainmatter\thechapter\@SepMark\fi
13941     \else
13942     \thechapter\@SepMark%
13943     \fi
13944     \@arabic\c@section
13945 }
13946 \renewcommand*\thesubsection{\the\thesection\@SepMark\@arabic\c@subsection}
13947 \renewcommand*\thesubsubsection{%
13948     \thesubsection\@SepMark\@arabic\c@subsubsection
13949 }
13950 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
13951 \renewcommand*\thesubparagraph{%
13952     \theparagraph\@SepMark\@arabic\c@subparagraph
13953 }
13954 \renewcommand*\thefigure{%
13955     \ifnum \scr@compatibility>\@nameuse{scr@v@2.97d}\relax
13956     \if@mainmatter\thechapter\@SepMark\fi
13957     \else
13958     \thechapter\@SepMark%
13959     \fi
13960     \@arabic\c@figure
13961 }
13962 \renewcommand*\thetable{%
13963     \ifnum \scr@compatibility>\@nameuse{scr@v@2.97d}\relax
13964     \if@mainmatter\thechapter\@SepMark\fi
13965     \else
13966     \thechapter\@SepMark%
13967     \fi
13968     \@arabic\c@table
13969 }
13970 \renewcommand*\theequation{%
13971     \ifnum \scr@compatibility>\@nameuse{scr@v@2.97d}\relax
13972     \if@mainmatter\thechapter\@SepMark\fi
13973     \else

```

```

13974 \thechapter\@SepMark%
13975 \fi
13976 \@arabic\c@equation
13977 }
13978 \renewenvironment{thebibliography}[1]{%
13979 \if@bib@break@
13980 \bib@beginhook
13981 \else
13982 \ifx\bibpreamble\relax\else\ifx\bibpreamble\@empty\else
13983 \setchapterpreamble{\bibpreamble}%
13984 \fi\fi
13985 \bib@heading
13986 \bib@beginhook
13987 \bib@before@hook
13988 \fi
13989 \renewcommand{\BreakBibliography}[1]{%
13990 \@bib@break
13991 \end{thebibliography}%
13992 \begingroup ##1\endgroup
13993 \begin{thebibliography}{#1}
13994 }%
13995 \ifRTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
13996 \list{%
13997 \@biblabel{\@arabic\c@enumiv}%
13998 }{%
13999 \settowidth\labelwidth{\@biblabel{#1}}%
14000 \leftmargin\labelwidth
14001 \advance\leftmargin\labelsep
14002 \@openbib@code
14003 \if@bib@break@
14004 \edef\@tempa{%
14005 \noexpand\usecounter{enumiv}%
14006 \noexpand\setcounter{enumiv}{\the\c@enumiv}%
14007 }\@tempa
14008 \no@bib@break
14009 \else
14010 \usecounter{enumiv}%
14011 \fi
14012 \let\p@enumiv\@empty
14013 \renewcommand*\theenumiv{\@arabic\c@enumiv}%
14014 }%
14015 \sloppy\clubpenalty4000 \widowpenalty4000
14016 \sfcode'\.=\@m
14017 }{%
14018 \if@bib@break@
14019 \def\@noitemerr{%
14020 \@latex@warning{%
14021 \string\BreakBibliography\space at begin of 'thebibliography'
14022 environment\MessageBreak
14023 or following \string\BreakBibliography}%

```

```

14024 }%
14025 \else
14026   \def\@noitemerr{%
14027     \@latex@warning{%
14028       Empty ‘thebibliography’ environment or
14029       \string\BreakBibliography\MessageBreak
14030       before end of ‘thebibliography’ environment}%
14031   }%
14032 \fi
14033 \endlist
14034 \if@bib@break@
14035 \else
14036   \bib@after@hook
14037   \let\bib@before@hook\@empty
14038   \let\bib@after@hook\@empty
14039 \fi
14040 \bib@endhook
14041 }
14042 \renewcommand*\left@footnoterule{%
14043   \kern-3\p@
14044   \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
14045   \hrule\@width.4\columnwidth
14046   \kern 2.6\p@}
14047 \renewcommand*\right@footnoterule{%
14048   \hbox to \columnwidth
14049   {\beginR \vbox{%
14050     \kern-3\p@
14051     \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
14052     \hrule\@width.4\columnwidth
14053     \kern 2.6\p@}\hfil\endR}}
14054 \renewcommand*{\raggeddictum}{\if@RTL\raggedright\else\raggedleft\fi}
14055 \renewcommand*{\raggeddictumtext}{\if@RTL\raggedleft\else\raggedright\fi}
14056 \renewcommand*{\raggeddictumauthor}{\if@RTL\raggedright\else\raggedleft\fi}
14057 \renewcommand\marginline[1]{%
14058   \marginpar[\if@RTL\raggedright\else\raggedleft\fi{#1}]{\if@RTL\raggedleft\else\raggedright\fi{#1}}}
14059 }
14060 \renewcommand{\@makecaption}[3]{%
14061   \cap@margin
14062   \ifonlinecaptions
14063     \@tempcnta=\value{mpfootnote}\@tempcntb=\value{footnote}%
14064     \let\scr@tmp@footnotetext=\@footnotetext
14065     \let\@footnotetext=\@gobble
14066     \let\scr@tmp@LTRfootnotetext=\@LTRfootnotetext
14067     \let\@LTRfootnotetext=\@gobble
14068     \let\scr@tmp@RTLfootnotetext=\@RTLfootnotetext
14069     \let\@RTLfootnotetext=\@gobble
14070     \sbox\@tempboxa{%
14071       {\capfont{\strut\ignorespaces
14072         #1{\caplabelfont{#2\captionformat}}}%
14073         #3\unskip\strut}}%

```

```

14074 }%
14075 \let\@footnotetext=\scr@tmp@footnotetext
14076 \let\scr@tmp@footnotetext=\undefined
14077 \let\@LTRfootnotetext=\scr@tmp@LTRfootnotetext
14078 \let\scr@tmp@LTRfootnotetext=\undefined
14079 \let\@RTLfootnotetext=\scr@tmp@RTLfootnotetext
14080 \let\scr@tmp@RTLfootnotetext=\undefined
14081 \setcounter{footnote}{\@tempcntb}%
14082 \setcounter{mpfootnote}{\@tempcnta}%
14083 \else
14084 \sbox\@tempboxa{\hspace*{2\cap@width}}%
14085 \fi
14086 \begingroup%
14087 \setlength{\@tempdima}{\cap@width}%
14088 \ifdim \wd\@tempboxa >\@tempdima
14089 \hb@xt@\hsize{%
14090 \setbox\@tempboxa\vbox{\hsize=\cap@width
14091 \ifdofullc@p
14092 {\capfont{\@hangfrom{\scr@smashdp{\strut\ignorespaces
14093 #1{\caplabelfont{#2\captionformat}}}}}%
14094 {#3\unskip\strut\par}}}%
14095 \else%
14096 \ifdim\cap@indent<\z@
14097 {\capfont{\strut\ignorespaces
14098 #1{\caplabelfont{#2\captionformat\par}}}%
14099 \noindent\hspace*{-\cap@indent}#3\unskip\strut\par}}%
14100 \else%
14101 \if@capbreak
14102 {\capfont{\strut\ignorespaces
14103 #1{\caplabelfont{#2\captionformat\par}}}%
14104 \noindent\@hangfrom{\hspace*{\cap@indent}}{#3\par}}}%
14105 \else
14106 {\capfont{\@hangfrom{\scr@smashdp\strut\hspace*{\cap@indent}}%
14107 {\hspace*{-\cap@indent}\scr@smashdp{\ignorespaces#1%
14108 {\caplabelfont{#2\captionformat}}}}#3\unskip\strut\par}}}%
14109 \fi
14110 \fi
14111 \fi
14112 }%
14113 \setlength{\@tempdima}{\ht\@tempboxa}%
14114 \addtolength{\@tempdima}{\dp\@tempboxa}%
14115 \addtolength{\@tempdima}{-\ht\strutbox}%
14116 \ht\@tempboxa\ht\strutbox
14117 \dp\@tempboxa\@tempdima
14118 \strut\cap@left
14119 \box\@tempboxa
14120 \cap@right\strut
14121 }%
14122 \else
14123 \global \@minipagefalse

```

```

14124      \sbox\@tempboxa{%
14125          {\capfont{\scr@smashdp{\strut\ignorespaces
14126              #1{\caplabelfont{#2\captionformat}}}}}%
14127              #3}}}%
14128      }%
14129      {\capfont{\hb@xt@\hsize{\strut\cap@left@if@RTL\beginR\fi\box\@tempboxa@if@RTL\endR\fi\c
14130      \fi
14131      \endgroup
14132      }
14133      \renewcommand{\@makecaption}[2]{%
14134          \if@captionabove
14135              \vskip\belowcaptionskip
14136          \else
14137              \vskip\abovecaptionskip
14138          \fi
14139          \@makecaption\@firstofone{#1}{#2}%
14140          \if@captionabove
14141              \vskip\abovecaptionskip
14142          \else
14143              \vskip\belowcaptionskip
14144          \fi
14145      }

```

7.99 scrlettr-xetex-bidi.def

```

14146 \ProvidesFile{scrlettr-xetex-bidi.def}[2011/09/24 v0.2 bidi adaptations for scrlettr class fo
14147 \renewcommand\deffootnote[4][{}]{%
14148     \long\def\@makefnmark##1{%
14149         \edef\@tempa{#1}\ifx\@tempa\@empty
14150             \@setpar{\@par
14151                 \@tempdima = \hsize
14152                 \addtolength{\@tempdima}{-#2}
14153                 \if@RTL\parshape \@ne 0pt \@tempdima\else\parshape \@ne #2 \@tempdima\fi}%
14154             \else
14155                 \@setpar{\@par
14156                     \@tempdima = \hsize
14157                     \addtolength{\@tempdima}{-#1}
14158                     \@tempdimb = \hsize
14159                     \addtolength{\@tempdimb}{-#2}
14160                     \if@RTL\parshape \tw@ 0pt \@tempdima 0pt \@tempdimb\else\parshape \tw@ #1 \@tempdima
14161                 \fi
14162                 \par
14163                 \parindent #3\noindent
14164                 \hbox to \z@{\hss\@makefnmark}##1}
14165         \def\@makefnmark{\hbox{#4}}
14166     }
14167 \deffootnote[1em]{1.5em}{1em}
14168 {\textsuperscript{\thefootnotemark}}
14169 \def\left@footnoterule{\kern-1\p@
14170 \hrule width 0.4\columnwidth

```

```

14171 \kern .6\p@}
14172 \def\right@footnoterule{%
14173 \hbox to \columnwidth
14174 {\beginR \vbox{\kern -3\p@
14175 \kern-1\p@
14176 \hrule width 0.4\columnwidth
14177 \kern .6\p@}\hfil\endR}}
14178 \def\@datefield{\@reffalse
14179 \ifx\varyourref\@empty \else \@reftrue \fi
14180 \ifx\varyourmail\@empty \else \@reftrue \fi
14181 \ifx\varmyref\@empty \else \@reftrue \fi
14182 \ifx\varcustomer\@empty \else \@reftrue \fi
14183 \ifx\varinvoice\@empty \else \@reftrue \fi
14184 \ifx\varrefitemi\@empty \else \@reftrue \fi
14185 \ifx\varrefitemii\@empty \else \@reftrue \fi
14186 \ifx\varrefitemiii\@empty \else \@reftrue \fi
14187 \vskip -\parskip
14188 \vskip \refvskip
14189 \if@ref
14190 \ifx\varyourref\@empty \else
14191 \settowidth{\sc@temp}{\varyourref}
14192 \setbox0\hbox{\scriptsize \sf \yourrefname}
14193 \ifdim \sc@temp > \wd0 \sc@@temp\sc@temp \else \sc@@temp\wd0 \fi
14194 \parbox[t]{\sc@@temp}{\noindent \box0\par \varyourref}\hfill
14195 \fi
14196 \ifx\varyourmail\@empty \else
14197 \settowidth{\sc@temp}{\varyourmail}
14198 \setbox0\hbox{\scriptsize \sf \yourmailname}
14199 \ifdim \sc@temp > \wd0 \sc@@temp\sc@temp \else \sc@@temp\wd0 \fi
14200 \parbox[t]{\sc@@temp}{\noindent \box0\par \varyourmail}\hfill
14201 \fi
14202 \ifx\varmyref\@empty \else
14203 \settowidth{\sc@temp}{\varmyref}
14204 \setbox0\hbox{\scriptsize \sf \myrefname}
14205 \ifdim \sc@temp > \wd0 \sc@@temp\sc@temp \else \sc@@temp\wd0 \fi
14206 \parbox[t]{\sc@@temp}{\noindent \box0\par \varmyref}\hfill
14207 \fi
14208 \ifx\varcustomer\@empty \else
14209 \settowidth{\sc@temp}{\varcustomer}
14210 \setbox0\hbox{\scriptsize \sf \customername}
14211 \ifdim \sc@temp > \wd0 \sc@@temp\sc@temp \else \sc@@temp\wd0 \fi
14212 \parbox[t]{\sc@@temp}{\noindent \box0\par \varcustomer}\hfill
14213 \fi
14214 \ifx\varinvoice\@empty \else
14215 \settowidth{\sc@temp}{\varinvoice}
14216 \setbox0\hbox{\scriptsize \sf \invoicename}
14217 \ifdim \sc@temp > \wd0 \sc@@temp\sc@temp \else \sc@@temp\wd0 \fi
14218 \parbox[t]{\sc@@temp}{\noindent \box0\par \varinvoice}\hfill
14219 \fi
14220 \ifx\varrefitemi\@empty \else

```

```

14221 \settowidth{\sc@temp}{\varrefitemi}
14222 \setbox0\hbox{\scriptsize \sf \varrefitemnamei}
14223 \ifdim \sc@temp > \wd0 \sc@temp\sc@temp \else \sc@temp\wd0 \fi
14224 \parbox[t]{\sc@temp}{\noindent \box0\par \varrefitemi}\hfill
14225 \fi
14226 \ifx\varrefitemii\@empty \else
14227 \settowidth{\sc@temp}{\varrefitemii}
14228 \setbox0\hbox{\scriptsize \sf \varrefitemnameii}
14229 \ifdim \sc@temp > \wd0 \sc@temp\sc@temp \else \sc@temp\wd0 \fi
14230 \parbox[t]{\sc@temp}{\noindent \box0\par \varrefitemii}\hfill
14231 \fi
14232 \ifx\varrefitemiii\@empty \else
14233 \settowidth{\sc@temp}{\varrefitemiii}
14234 \setbox0\hbox{\scriptsize \sf \varrefitemnameiii}
14235 \ifdim \sc@temp > \wd0 \sc@temp\sc@temp \else \sc@temp\wd0 \fi
14236 \parbox[t]{\sc@temp}{\noindent \box0\par \varrefitemiii}\hfill
14237 \fi
14238 \ifx\@date\@empty \else
14239 \settowidth{\sc@temp}{\@date}
14240 \setbox0\hbox{\scriptsize \sf \datename}
14241 \ifdim \sc@temp > \wd0 \sc@temp\sc@temp \else \sc@temp\wd0 \fi
14242 \parbox[t]{\sc@temp}{\noindent \box0\par \@date}
14243 \fi
14244 \par
14245 \vspace{2.5\baselineskip}
14246 \else
14247 {\ifx\@date\@empty \else \if@RTL\raggedright\else\raggedleft\fi\fromplace\ \@date\par \fi}
14248 \vspace{1.5\baselineskip}
14249 \fi}
14250 \long\def\closing#1{\par\nobreak\vspace{0.5\baselineskip}
14251 \stopbreaks \noindent \sc@temp\textwidth \advance\sc@temp by
14252 -\sigindent \hspace{\sigindent}}%
14253 \parbox{\sc@temp}{\if@RTL\raggedleft\else\raggedright\fi\ignorespaces #1\mbox{}}\[/presig@sk
14254 \fromsig\strut}\par
14255 \vspace{1.5\baselineskip}}

```

7.100 scrreprt-xetex-bidi.def

```

14256 \ProvidesFile{scrreprt-xetex-bidi.def}[2012/01/01 v0.6 bidi adaptations for scrreprt class fo
14257 \newcommand{\scr@saved@LTRfootnotetext}{}
14258 \newcommand{\scr@saved@RTLfootnotetext}{}
14259 \let\scr@saved@footnotetext\@footnotetext
14260 \let\scr@saved@LTRfootnotetext\@LTRfootnotetext
14261 \let\scr@saved@RTLfootnotetext\@RTLfootnotetext
14262 \renewcommand{\@footnotetext}[1]{%
14263 \scr@saved@footnotetext{#1}%
14264 \csname FN@mfb@prepare\endcsname
14265 }
14266 \renewcommand{\@LTRfootnotetext}[1]{%
14267 \scr@saved@LTRfootnotetext{#1}%

```



```

14268 \csname FN@mfb@prepare\endcsname
14269 }
14270 \renewcommand{\@RTLfootnotetext}[1]{%
14271 \scr@saved@RTLfootnotetext{#1}%
14272 \csname FN@mfb@prepare\endcsname
14273 }
14274 \renewcommand\deffootnote[4][{}]{%
14275 \long\def\@makefntext##1{%
14276 \setlength{\@tempdimc}{#3}%
14277 \def\@tempa{#1}\ifx\@tempa\@empty
14278 \setpar{\@par
14279 \@tempdima = \hsize
14280 \addtolength{\@tempdima}{-#2}%
14281 \if@RTL\parshape \@ne Opt \@tempdima\else\parshape \@ne #2 \@tempdima\fi}%
14282 \else
14283 \addtolength{\@tempdimc}{#2}%
14284 \addtolength{\@tempdimc}{-#1}%
14285 \setpar{\@par
14286 \@tempdima = \hsize
14287 \addtolength{\@tempdima}{-#1}%
14288 \@tempdimb = \hsize
14289 \addtolength{\@tempdimb}{-#2}%
14290 \if@RTL\parshape \tw@ Opt \@tempdima Opt \@tempdimb\else\parshape \tw@ #1 \@tempdima
14291 }%
14292 \fi
14293 \par
14294 \parindent\@tempdimc\noindent
14295 \ftn@font\hbox to \z@{\hss\@makefnmark}##1%
14296 }%
14297 \def\@makefnmark{\hbox{\ftn@font{#4}}}%
14298 }
14299 \deffootnote[1em]{1.5em}{1em}{\textsuperscript{\thefootnotemark}}
14300 \renewcommand*\left@footnoterule{%
14301 \normalsize\ftn@rule@test@values
14302 \kern-\dimexpr 2.6\p@+\ftn@rule@height\relax
14303 \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
14304 {\usekomafont{footnoterule}{%
14305 \hrule \@height\ftn@rule@height \@width\ftn@rule@width}}%
14306 \kern 2.6\p@}
14307 \renewcommand*\right@footnoterule{%
14308 \hbox to \columnwidth
14309 {\beginR \vbox{\kern -3\p@
14310 \normalsize\ftn@rule@test@values
14311 \kern-\dimexpr 2.6\p@+\ftn@rule@height\relax
14312 \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
14313 {\usekomafont{footnoterule}{%
14314 \hrule \@height\ftn@rule@height \@width\ftn@rule@width}}%
14315 \kern 2.6\p@}\hfil\endR}}
14316 \renewcommand*\maketitle[1][1]{%
14317 \if@titlepage

```

```

14318 \begin{titlepage}
14319 \setcounter{page}{%
14320 #1%
14321 }%
14322 \let\footnotesize\small
14323 \let\right@footnoterule\relax
14324 \let\left@footnoterule\relax
14325 \let\textwidth@footnoterule\relax
14326 \let\footnote\thanks
14327 \let\LTRfootnote\LTRthanks
14328 \let\RTLfootnote\RTLthanks
14329 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
14330 \let\@oldmakefnmark\@makefnmark
14331 \renewcommand*{\@makefnmark}{\rlap{\@oldmakefnmark}}%
14332 \ifx\@extratitle\@empty \else
14333 \noindent\@extratitle\next@tpage\cleardoubleemptypage
14334 \thispagestyle{empty}%
14335 \fi
14336 \setparsizes{\z@}{\z@}{\z@\@plus 1fil}\par@updaterelative
14337 \ifx\@titlehead\@empty \else
14338 \begin{minipage}[t]{\textwidth}%
14339 \@titlehead
14340 \end{minipage}\par
14341 \fi
14342 \null\vfill
14343 \begin{center}
14344 \ifx\@subject\@empty \else
14345 {\subject@font \@subject \par}%
14346 \vskip 3em
14347 \fi
14348 {\titlefont\huge \@title\par}%
14349 \vskip 1em
14350 {\ifx\@subtitle\@empty\else\usekomafont{subtitle}\@subtitle\par\fi}%
14351 \vskip 2em
14352 {\Large \lineskip 0.75em
14353 \begin{tabular}[t]{c}
14354 \@author
14355 \end{tabular}\par
14356 }%
14357 \vskip 1.5em
14358 {\Large \@date \par}%
14359 \vskip \z@ \@plus3fill
14360 {\Large \@publishers \par}%
14361 \vskip 3em
14362 \end{center}\par
14363 \@thanks
14364 \vfill\null
14365 \if@twoside\next@tpage
14366 \begin{minipage}[t]{\textwidth}
14367 \uppertitleback

```

```

14368         \end{minipage}\par
14369         \vfill
14370         \begin{minipage}[b]{\textwidth}
14371             \@lowertitleback
14372         \end{minipage}
14373     \fi
14374     \ifx\@dedication\@empty \else
14375         \next@tpage\null\vfill
14376         {\centering \Large \@dedication \par}%
14377         \vskip \z@ \@plus3fill
14378         \if@twoside \next@tpage\cleardoubleemptypage \fi
14379     \fi
14380     \end{titlepage}
14381 \else
14382     \par
14383     \@tempcnta=%
14384     #1%
14385     \relax\ifnum\@tempcnta=1\else
14386         \ClassWarning{\KOMAClassName}{%
14387             Optional argument of \string\maketitle\space ignored
14388             at\MessageBreak
14389             notitlepage-mode%
14390         }%
14391     \fi
14392     \begingroup
14393         \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
14394         \let\@oldmakefnmark\@makefnmark
14395         \renewcommand*{\@makefnmark}{\rlap\@oldmakefnmark}
14396         \if@twocolumn
14397             \ifnum \col@number=\@ne
14398                 \@maketitle
14399             \else
14400                 \twocolumn[\@maketitle]%
14401             \fi
14402         \else
14403             \newpage
14404             \global\let\@topnum\z@
14405             \@maketitle
14406         \fi
14407         \thispagestyle{\titlepagestyle}\@thanks
14408     \endgroup
14409 \fi
14410 \setcounter{footnote}{0}%
14411 \let\thanks\relax
14412 \let\LTRthanks\relax
14413 \let\RTLthanks\relax
14414 \let\maketitle\relax
14415 \let\@maketitle\relax
14416 \global\let\@thanks\@empty
14417 \global\let\@author\@empty

```

```

14418 \global\let\@date\@empty
14419 \global\let\@title\@empty
14420 \global\let\@subtitle\@empty
14421 \global\let\@extratitle\@empty
14422 \global\let\@titlehead\@empty
14423 \global\let\@subject\@empty
14424 \global\let\@publishers\@empty
14425 \global\let\@uppertitleback\@empty
14426 \global\let\@lowertitleback\@empty
14427 \global\let\@dedication\@empty
14428 \global\let\author\relax
14429 \global\let\title\relax
14430 \global\let\extratitle\relax
14431 \global\let\titlehead\relax
14432 \global\let\subject\relax
14433 \global\let\publishers\relax
14434 \global\let\uppertitleback\relax
14435 \global\let\lowertitleback\relax
14436 \global\let\dedication\relax
14437 \global\let\date\relax
14438 \global\let\and\relax
14439 }%
14440 \renewcommand*{\@maketitle}{%
14441 \clearpage
14442 \let\footnote\thanks
14443 \let\LTRfootnote\LTRthanks
14444 \let\RTLfootnote\RTLthanks
14445 \ifx\@extratitle\@empty \else
14446 \noindent\@extratitle \next@tpage \if@twoside \null\next@tpage \fi
14447 \fi
14448 \setparsizes{\z@}{\z@}{\z@\@plus 1fil}\par@updaterelative
14449 \ifx\@titlehead\@empty \else
14450 \begin{minipage}[t]{\textwidth}
14451 \@titlehead
14452 \end{minipage}\par
14453 \fi
14454 \null
14455 \vskip 2em%
14456 \begin{center}%
14457 \ifx\@subject\@empty \else
14458 {\subject@font \@subject \par}
14459 \vskip 1.5em
14460 \fi
14461 {\titlefont\huge \@title \par}%
14462 \vskip .5em
14463 {\ifx\@subtitle\@empty\else\usekomafont{subtitle}\@subtitle\par\fi}%
14464 \vskip 1em
14465 {\Large
14466 \lineskip .5em%
14467 \begin{tabular}[t]{c}

```

```

14468         \@author
14469     \end{tabular}\par
14470 }%
14471 \vskip 1em%
14472 {\Large \@date \par}%
14473 \vskip \z@ \@plus 1em
14474 {\Large \@publishers \par}
14475 \ifx\@dedication\@empty \else
14476     \vskip 2em
14477     {\Large \@dedication \par}
14478 \fi
14479 \end{center}%
14480 \par
14481 \vskip 2em
14482 }%
14483 \renewcommand*\l@part[2]{%
14484     \ifnum \c@tocdepth >-2\relax
14485         \addpenalty{-\@highpenalty}%
14486         \addvspace{2.25em \@plus\p@}%
14487         \setlength{\@tempdima}{2em}%
14488         \if@tocleft
14489             \ifx\toc@l@number\@empty\else
14490                 \setlength{\@tempdima}{0\toc@l@number}%
14491             \fi
14492         \fi
14493         \begingroup
14494             \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
14495             \parfillskip -\@pnumwidth
14496             \leavevmode
14497             \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
14498             \hskip -\if@RTL\rightskip\else\leftskip\fi
14499             {\usekomafont{partentry}{#1\nobreak
14500                 \usekomafont{partentrypagenumber}{\hfil\nobreak
14501                     \hb@xt@\@pnumwidth{\hss#2}}}\par
14502             \ifnum \scr@compatibility>\@nameuse{scr@v@2.96}\relax
14503             \endgroup
14504             \penalty20010
14505         \else
14506             \penalty\@highpenalty
14507         \endgroup
14508     \fi
14509 \fi
14510 }
14511 \renewcommand*\l@chapter[2]{%
14512     \ifnum \c@tocdepth >\m@ne
14513         \ifnum \lastpenalty<20010
14514             \addpenalty{-\@highpenalty}%
14515         \fi
14516         \vskip 1.0em \@plus\p@
14517         \setlength{\@tempdima}{1.5em}%

```

```

14518 \if@tocleft
14519 \ifx\toc@l@number\empty\else
14520 \setlength\@tempdima{0\toc@l@number}%
14521 \fi
14522 \fi
14523 \begingroup
14524 \raggedchapterentry
14525 \parindent \z@ \advance\if@RTL\leftskip\else\rightskip\fi \@pnumwidth
14526 \parfillskip -\@pnumwidth
14527 \interlinepenalty\@M
14528 \leavevmode
14529 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\right
14530 {\usekomafont{chapterentry}{#1\nobreak
14531 \usekomafont{chapterentrypagenumber}{%
14532 \hfill\nobreak
14533 \hb@xt@\@pnumwidth{\hss#2}}}\par
14534 \ifnum \scr@compatibility>\@nameuse{scr@v@2.96}\relax
14535 \endgroup
14536 \penalty20009
14537 \else
14538 \penalty\@highpenalty
14539 \endgroup
14540 \fi
14541 \fi
14542 }
14543 \def\raggedsection{\if@RTL\raggedleft\else\raggedright\fi}
14544 \renewcommand*\autodot{\if@altsecnumformat\@SepMark\fi}
14545 \renewcommand*\thesection{%
14546 \thechapter\@SepMark%
14547 \@arabic\c@section
14548 }
14549 \renewcommand*{\thesubsection}{\thesection\@SepMark\@arabic\c@subsection}
14550 \renewcommand*{\thesubsubsection}{%
14551 \thesubsection\@SepMark\@arabic\c@subsubsection
14552 }
14553 \renewcommand*{\theparagraph}{\thesubsubsection\@SepMark\@arabic\c@paragraph}
14554 \renewcommand*{\thesubparagraph}{%
14555 \theparagraph\@SepMark\@arabic\c@subparagraph
14556 }
14557 \renewcommand*\thefigure{%
14558 \thechapter\@SepMark%
14559 \@arabic\c@figure
14560 }
14561 \renewcommand*\thetable{%
14562 \thechapter\@SepMark%
14563 \@arabic\c@table
14564 }
14565 \renewcommand*\theequation{%
14566 \thechapter\@SepMark%
14567 \@arabic\c@equation

```

```

14568 }
14569 \renewenvironment{thebibliography}[1]{%
14570   \if@bib@break@
14571     \bib@beginhook
14572   \else
14573     \ifx\bibpreamble\relax\else\ifx\bibpreamble\@empty\else
14574       \setchapterpreamble{\bibpreamble}%
14575     \fi\fi
14576     \bib@heading
14577     \bib@beginhook
14578     \bib@before@hook
14579   \fi
14580 \renewcommand{\BreakBibliography}[1]{%
14581   \@bib@break
14582   \end{thebibliography}%
14583   \begingroup ##1\endgroup
14584   \begin{thebibliography}{#1}
14585 }%
14586 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
14587 \list{%
14588   \@biblabel{\@arabic\c@enumiv}%
14589 }{%
14590   \settowidth\labelwidth{\@biblabel{#1}}%
14591   \leftmargin\labelwidth
14592   \advance\leftmargin\labelsep
14593   \@openbib@code
14594   \if@bib@break@
14595     \edef\@tempa{%
14596       \noexpand\usecounter{enumiv}%
14597       \noexpand\setcounter{enumiv}{\the\c@enumiv}%
14598     }\@tempa
14599     \no@bib@break
14600   \else
14601     \usecounter{enumiv}%
14602   \fi
14603   \let\p@enumiv\@empty
14604   \renewcommand*\theenumiv{\@arabic\c@enumiv}%
14605 }%
14606 \sloppy\clubpenalty4000 \widowpenalty4000
14607 \sfcode'\.=\@m
14608 }{%
14609   \if@bib@break@
14610     \def\@noitemerr{%
14611       \@latex@warning{%
14612         \string\BreakBibliography\space at begin of 'thebibliography'
14613         environment\MessageBreak
14614         or following \string\BreakBibliography}%
14615     }%
14616   \else
14617     \def\@noitemerr{%

```

```

14618     \@latex@warning{%
14619         Empty ‘thebibliography’ environment or
14620         \string\BreakBibliography\MessageBreak
14621         before end of ‘thebibliography’ environment}%
14622     }%
14623 \fi
14624 \endlist
14625 \if@bib@break@
14626 \else
14627     \bib@after@hook
14628     \let\bib@before@hook\@empty
14629     \let\bib@after@hook\@empty
14630 \fi
14631 \bib@endhook
14632 }
14633 \renewcommand*\left@footnoterule{%
14634     \kern-3\p@
14635     \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
14636     \hrule\@width.4\columnwidth
14637     \kern 2.6\p@}
14638 \renewcommand*\right@footnoterule{%
14639     \hbox to \columnwidth
14640     {\beginR \vbox{%
14641         \kern-3\p@
14642         \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
14643         \hrule\@width.4\columnwidth
14644         \kern 2.6\p@}\hfil\endR}}
14645 \renewcommand*\raggeddictum{\if@RTL\raggedright\else\raggedleft\fi}
14646 \renewcommand*\raggeddictumtext{\if@RTL\raggedleft\else\raggedright\fi}
14647 \renewcommand*\raggeddictumauthor{\if@RTL\raggedright\else\raggedleft\fi}
14648 \renewcommand\marginline[1]{%
14649     \marginpar[\if@RTL\raggedright\else\raggedleft\fi{#1}]{\if@RTL\raggedleft\else\raggedright\fi}
14650 }
14651 \renewcommand{\@makecaption}[3]{%
14652     \cap@margin
14653     \ifonlinecaptions
14654         \@tempcnta=\value{mpfootnote}\@tempcntb=\value{footnote}%
14655         \let\scr@tmp@footnotetext=\@footnotetext
14656         \let\@footnotetext=\@gobble
14657         \let\scr@tmp@LTRfootnotetext=\@LTRfootnotetext
14658         \let\@LTRfootnotetext=\@gobble
14659         \let\scr@tmp@RTLfootnotetext=\@RTLfootnotetext
14660         \let\@RTLfootnotetext=\@gobble
14661         \sbox\@tempboxa{%
14662             {\capfont{\strut\ignorespaces
14663                 #1{\caplabelfont{#2\captionformat}}}%
14664                 #3\unskip\strut}}%
14665         }%
14666         \let\@footnotetext=\scr@tmp@footnotetext
14667         \let\scr@tmp@footnotetext=\undefined

```



```

14668 \let\@LTRfootnotetext=\scr@tmp@LTRfootnotetext
14669 \let\scr@tmp@LTRfootnotetext=\undefined
14670 \let\@RTLfootnotetext=\scr@tmp@RTLfootnotetext
14671 \let\scr@tmp@RTLfootnotetext=\undefined
14672 \setcounter{footnote}{\@tempcntb}%
14673 \setcounter{mpfootnote}{\@tempcnta}%
14674 \else
14675 \sbox\@tempboxa{\hspace*{2\cap@width}}%
14676 \fi
14677 \beginingroup%
14678 \setlength{\@tempdima}{\cap@width}%
14679 \ifdim \wd\@tempboxa >\@tempdima
14680 \hb@xt@\hsize{%
14681 \setbox\@tempboxa\vbox{\hsize=\cap@width
14682 \ifdofullc@p
14683 {\capfont{\@hangfrom{\scr@smashdp{\strut\ignorespaces
14684 #1{\caplabelfont{#2\captionformat}}}}}%
14685 {#3\unskip\strut\par}}}%
14686 \else%
14687 \ifdim\cap@indent<\z@
14688 {\capfont{\strut\ignorespaces
14689 #1{\caplabelfont{#2\captionformat\par}}}%
14690 \noindent\hspace*{-\cap@indent}#3\unskip\strut\par}}%
14691 \else%
14692 \ifcapbreak
14693 {\capfont{\strut\ignorespaces
14694 #1{\caplabelfont{#2\captionformat\par}}}%
14695 \noindent\@hangfrom{\hspace*\cap@indent}{#3\par}}}%
14696 \else
14697 {\capfont{\@hangfrom{\scr@smashdp\strut\hspace*\cap@indent}}%
14698 {\hspace*{-\cap@indent}\scr@smashdp{\ignorespaces#1%
14699 {\caplabelfont{#2\captionformat}}}{#3\unskip\strut\par}}}%
14700 \fi
14701 \fi
14702 \fi
14703 }%
14704 \setlength{\@tempdima}{\ht\@tempboxa}%
14705 \addtolength{\@tempdima}{\dp\@tempboxa}%
14706 \addtolength{\@tempdima}{-\ht\strutbox}%
14707 \ht\@tempboxa\ht\strutbox
14708 \dp\@tempboxa\@tempdima
14709 \strut\cap@left
14710 \box\@tempboxa
14711 \cap@right\strut
14712 }%
14713 \else
14714 \global \@minipagefalse
14715 \sbox\@tempboxa{%
14716 {\capfont{\scr@smashdp{\strut\ignorespaces
14717 #1{\caplabelfont{#2\captionformat}}}}}%

```

```

14718         #3}}%
14719     }%
14720     {\capfont{\hb@xt@\hsize{\strut\cap@left\if@RTL\beginR\fi\box\@tempboxa\if@RTL\endR\fi\c
14721 \fi
14722 \endgroup
14723 }
14724 \renewcommand{\@makecaption}[2]{%
14725 \if@captionabove
14726 \vskip\belowcaptionskip
14727 \else
14728 \vskip\abovecaptionskip
14729 \fi
14730 @@makecaption\@firstofone{#1}{#2}%
14731 \if@captionabove
14732 \vskip\abovecaptionskip
14733 \else
14734 \vskip\belowcaptionskip
14735 \fi
14736 }

```

7.101 sidecap-xetex-bidi.def

```

14737 \ProvidesFile{sidecap-xetex-bidi.def}[2010/08/01 v0.1 bidi adaptations for sidecap package fo
14738 \renewcommand*{\SC@FLOAT}[2]{\if@RTL%
14739 \isSC@ODD{#1}\hspace{\sidecaptionsep}{#2}} {{#2}\hspace{\sidecaptionsep}{#1}}\else%
14740 \isSC@ODD{#2}\hspace{\sidecaptionsep}{#1}} {{#1}\hspace{\sidecaptionsep}{#2}}\fi}
14741 \renewcommand*{\SC@justify@caption}{\if@RTL%
14742 \isSC@ODD{\RaggedLeft}{\RaggedRight}}\else%
14743 \isSC@ODD{\RaggedRight}{\RaggedLeft}}\fi}

```

7.102 stabular-xetex-bidi.def

```

14744 \ProvidesFile{stabular-xetex-bidi.def}[2010/08/01 v0.2 bidi adaptations for stabular package
14745 \def\@stabular{\if@RTL\@RTLtabtrue\fi
14746 \leavevmode \bgroup \if@RTLtab\beginR \fi
14747 \let\@acol\@tabacol
14748 \let\@classz\@tabclassz
14749 \let\@classiv\@tabclassiv \let\\\@tabularcr\@stabarray}
14750 \def\endstabular{\crr\egroup\if@RTLtab\egroup\endR\egroup\fi
14751 \egroup \if@RTLtab\endR\fi\egroup
14752 \@RTLtabfalse}
14753 \expandafter \let \csname endstabular*\endcsname = \endstabular
14754 \def\@sarray[#1]#2{%
14755 \bgroup
14756 \setbox\@arstrutbox\hbox{%
14757 \vrule \@height\arraystretch\ht\strutbox
14758 \@depth\arraystretch \dp\strutbox
14759 \@width\z@}%
14760 \@mkpream{#2}%
14761 \edef\@preamble{%
14762 \ialign \noexpand\@halignto

```

```

14763      \bgroup \@arstrut \@preamble \tabskip\z@skip \cr}%
14764 \let\@startpbox\@startpbox \let\@endpbox\@endpbox
14765 \let\tabularnewline\%
14766 \let\@sharp##%
14767 \set@typeset@protect
14768 \lineskip\z@skip\baselineskip\z@skip
14769 \ifRTLT\hbox\bgroup\beginR\vbox\bgroup\fi
14770 \@preamble}

```

7.103 subfigure-xetex-bidi.def

```

14771 \ProvidesFile{subfigure-xetex-bidi.def}[2010/03/01 v0.1 bidi adaptations for subfigure package]
14772 \AtBeginDocument{%
14773 \let\p@subfigure=\thefigure
14774 \let\p@subtable=\thetable%
14775 }

```

7.104 tabs-xetex-bidi.def

```

14776 \ProvidesFile{tabs-xetex-bidi.def}[2010/08/01 v0.2 bidi adaptations for tabs package for XeTeX]
14777 \def\endtabular{\endarray $\ifRTLT\endR\fi\egroup
14778      \@RTLT\false}
14779
14780 \expandafter\let\csname endtabular*\endcsname=\endtabular
14781
14782 \def\endarray{\ifvmode\csname crcr\endcsname % just do \crr if \ given
14783   \else \[\z@ \global\advance\@arstdepth-\@otarlinesep]%
14784   \fi\egroup\ifRTLT\egroup\endR\egroup\fi\@unrecurse\egroup}
14785
14786 \def\@array[#1]#2{% remember global variables to allow recursion:
14787   \edef\@unrecurse{\global\@skip@bove\the\@skip@bove
14788     \global\@arstheight\the\@arstheight\global\@arstdepth\the\@arstdepth}%
14789   \let\@otarlinesep\@tarlinesep \global\@skip@bove-\@otarlinesep
14790   \ifx\@classz\@arrayclassz \let\@tarlinesep\arraylinesep
14791   \else \let\@tarlinesep\tablinesep \fi
14792   \divide\@tarlinesep\tw@ % half sep is applied to height & depth
14793   \let\@seesize\relax \let\@rememsize\relax \mkpream{#2}%
14794   \@tempdima\arraystretch\ht\strutbox \@tempdimb\arraystretch\dp\strutbox
14795   \ifdim\@tarlinesep>\z@ % (need \protect for \multicolumn)
14796     \def\@rememsize{\protect\@r@m@msize}\let\@seesize\@s@size
14797     \advance\@tempdima-\@tarlinesep \advance\@tempdimb-\@tarlinesep
14798   \fi \setbox\@arstrutbox\hbox{% set up smaller strut
14799     \vrule \@height\@tempdima \@depth\@tempdimb \@width\z@}%
14800   \let\protect\noexpand
14801   \edef\@preamble{\ialign \noexpand\@halignto \bgroup
14802     \unhcopy\@arstrutbox \@preamble \tabskip\z@skip &\@sharp \cr}%
14803   \let\@startpbox\@startpbox \let\@endpbox\@endpbox
14804   \if#1t\vtop \else \if#1b\vbox \else \vcenter \fi\fi
14805   \bgroup \let\par\empty
14806   \global\@arstheight\ht\@arstrutbox \global\@arstdepth\dp\@arstrutbox
14807   \advance\extrarulesep.5\arrayrulewidth

```

```

14808 \let\@sharp##\let\protect\relax \lineskip\z@skip \baselineskip\z@skip
14809 \if@RTLtab\hbox\bgroup\beginR\vbox\bgroup\fi
14810 \@preamble}

```

7.105 tabulary-xetex-bidi.def

```

14811 \ProvidesFile{tabulary-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for tabulary package]
14812 \def\@testpach{\@chclass
14813 \ifnum \@lastchclass=6 \@ne \@chnum \@ne \else
14814 \ifnum \@lastchclass=7 5 \else
14815 \ifnum \@lastchclass=8 \tw@ \else
14816 \ifnum \@lastchclass=9 \thr@@
14817 \else \z@
14818 \ifnum \@lastchclass = 10 \else
14819 \edef\@nextchar{\expandafter\string\@nextchar}%
14820 \@chnum
14821 \if \@nextchar c\z@ \else
14822 \if \@nextchar \if@RTLtab r\else l\fi\@ne \else
14823 \if \@nextchar \if@RTLtab l\else r\fi\tw@ \else
14824 \if \@nextchar C7 \else
14825 \if \@nextchar L8 \else
14826 \if \@nextchar R9 \else
14827 \if \@nextchar J10 \else
14828 \z@ \@chclass
14829 \if \@nextchar |\@ne \else
14830 \if \@nextchar !6 \else
14831 \if \@nextchar @7 \else
14832 \if \@nextchar <8 \else
14833 \if \@nextchar >9 \else
14834 10
14835 \@chnum
14836 \if \@nextchar m\thr@@\else
14837 \if \@nextchar p4 \else
14838 \if \@nextchar b5 \else
14839 \z@ \@chclass \z@ \@preamerr \z@ \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi
14840 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi}

```

7.106 titlesec-xetex-bidi.def

```

14841 \ProvidesFile{titlesec-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for titlesec package]
14842 \renewcommand\filright{%
14843 \gdef\ttl@filleft##1{\hskip##1}%
14844 \gdef\ttl@filright##1{\hfill}%
14845 \let\\\@centercr
14846 \advance\rightskip\z@ \@plus 1fil
14847 \parfillskip\z@}
14848 \def\ttlh@hang#1#2#3#4#5#6#7#8{%
14849 \gdef\ttl@makeline##1{\ttl@calc\hspace{#6}##1\ttl@calc\hspace{#7}}%
14850 \setlength\leftskip{#6}%
14851 \setlength\rightskip{#7}%
14852 \interlinepenalty\@M

```

```

14853 \ttl@changecentercr
14854 \ttl@beginlongest
14855 #1{\ifhmode\ttl@hmode@error\fi
14856 \ttl@glcmds
14857 \parindent\z@
14858 \leavevmode
14859 \beginngroup
14860 \ifttl@label
14861 \sbox\z@{#2\strut\ttl@calc\hspace{#3}}%
14862 \if@RTL\advance\rightskip\wd\z@\else\advance\leftskip\wd\z@\fi
14863 \llap{\box\z@}%
14864 \fi
14865 #4{#8}%
14866 \kern\z@\strut\@@par
14867 \endgroup
14868 \nobreak\ttl@midlongest#5\@@par}%
14869 \ttl@endlongest}

```

7.107 titletoc-xetex-bidi.def

```

14870 \ProvidesFile{titletoc-xetex-bidi.def}[2013/04/10 v0.2 bidi adaptations for titletoc package]
14871 \renewcommand\filright{%
14872 \gdef\ttl@filleft##1{\hskip##1}%
14873 \gdef\ttl@filright##1{\hfill}%
14874 \let\\\@centercr
14875 \advance\rightskip\z@ \@plus 1fil
14876 \parfillskip\z@}
14877 \renewcommand\contentspush[1]{%
14878 \sbox\z@{#1}%
14879 \xdef\ttl@b{\advance\if@RTL\rightskip\else\leftskip\fi\the\wd\z@}%
14880 \aftergroup\ttl@b
14881 \leavevmode\llap{\box\z@}}
14882 \def\ttl@outnoblock#1#2#3{%
14883 \beginngroup
14884 \ifnum\ttl@b>\ttl@a
14885 \nobreak
14886 \else\ifnum\ttl@b<\ttl@a
14887 \addpenalty{\@secpenalty}%
14888 \else
14889 \addpenalty{\z@}%
14890 \fi\fi
14891 \ttl@contentsstretch
14892 \nobreak
14893 \ifcase#1\relax\else\interlinepenalty\@M\fi
14894 \parindent\z@
14895 \ifx\@nil#2%
14896 \PackageError{titletoc}{Unimplemented}%
14897 {The optional argument is currently mandatory}%
14898 \else
14899 \if@RTL\setlength\rightskip{#2}\else

```

```

14900 \setlength\leftskip{#2}\fi%
14901 \fi
14902 \if@RTL\setlength\leftskip{\@pnumwidth}\else\setlength\rightskip{\@pnumwidth}\fi%
14903 \let\contentsmargin\ttl@margin
14904 \def\ttl@makeline##1{##1}%
14905 #3%
14906 \addtolength{\parfillskip}{-\ttl@corr}%
14907 \if@RTL\addtolength{\leftskip}{\ttl@corr}\else\addtolength{\rightskip}{\ttl@corr}\fi%
14908 \let\ttl@leaders\leaders}
14909 \renewcommand\ttl@margin[2][\z@]{%
14910 \def\ttl@corr{#1}%
14911 \advance\if@RTL\leftskip\else\rightskip\fi-\@pnumwidth\relax
14912 \advance\if@RTL\leftskip\else\rightskip\fi#2\relax
14913 \def\@pnumwidth{#2}}
14914 \let\ttl@savel@part\l@part
14915 \def\l@part{\ttl@lselect{part}}
14916
14917 \let\ttl@savel@chapter\l@chapter
14918 \def\l@chapter{\ttl@lselect{chapter}}

```

7.108 tocibind-xetex-bidi.def

```

14919 \ProvidesFile{tocibind-xetex-bidi.def}[2012/12/12 v0.3 bidi adaptations for tocibind package]
14920 \if@dotocbib
14921 \ifpackageloaded{natbib}{}% natbib not loaded
14922 \renewcommand{\bibsection}{\tcb@bchapsec}
14923 \renewenvironment{thebibliography}[1]{%
14924 \bibsection
14925 \begin{thebibitemlist}{#1}}{\end{thebibitemlist}}
14926 \renewenvironment{thebibitemlist}[1]{
14927 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
14928 \list{\@biblabel{\@arabic{c@enumiv}}}%
14929 {\settowidth\labelwidth{\@biblabel{#1}}%
14930 \leftmargin\labelwidth
14931 \advance\leftmargin\labelsep
14932 \openbib@code
14933 \usecounter{enumiv}%
14934 \let\p@enumiv\@empty
14935 \renewcommand\theenumiv{\@arabic{c@enumiv}}}%
14936 \sloppy
14937 \clubpenalty4000
14938 \@clubpenalty \clubpenalty
14939 \widowpenalty4000%
14940 \sfcode'\.\@m}
14941 {\def\@noitemerr
14942 {\@latex@warning{Empty 'thebibliography' environment}}}%
14943 \endlist}
14944
14945 \ifpackagewith{chapterbib}{sectionbib}%
14946 {\renewcommand{\sectionbib}[2]{}%

```

```

14947     {}
14948
14949 \fi
14950 \if@inltxdoc\else
14951   \renewenvironment{theindex}%
14952   {\if@twocolumn
14953     \@restonecolfalse
14954   \else
14955     \@restonecoltrue
14956   \fi
14957   \if@bibchapter
14958     \if@donumindex
14959       \refstepcounter{chapter}
14960       \twocolumn[\vspace*{2\topskip}%
14961         \@makechapterhead{\indexname}]]%
14962       \addcontentsline{toc}{chapter}{\protect\numberline{\thechapter}\indexname}
14963       \chaptermark{\indexname}
14964     \else
14965       \if@dotocind
14966         \twocolumn[\vspace*{2\topskip}%
14967           \@makeschapterhead{\indexname}]]%
14968         \prw@mkboth{\indexname}
14969         \addcontentsline{toc}{chapter}{\indexname}
14970       \else
14971         \twocolumn[\vspace*{2\topskip}%
14972           \@makeschapterhead{\indexname}]]%
14973         \prw@mkboth{\indexname}
14974       \fi
14975     \fi
14976   \else
14977     \if@donumindex
14978       \twocolumn[\vspace*{-1.5\topskip}%
14979         \@nameuse{\@tocextra}{\indexname}]]%
14980       \csname \@tocextra mark\endcsname{\indexname}
14981     \else
14982       \if@dotocind
14983         \twocolumn[\vspace*{-1.5\topskip}%
14984           \toc@headstar{\@tocextra}{\indexname}]]%
14985         \prw@mkboth{\indexname}
14986         \addcontentsline{toc}{\@tocextra}{\indexname}
14987       \else
14988         \twocolumn[\vspace*{-1.5\topskip}%
14989           \toc@headstar{\@tocextra}{\indexname}]]%
14990         \prw@mkboth{\indexname}
14991       \fi
14992     \fi
14993   \fi
14994   \thispagestyle{plain}\parindent\z@
14995   \parskip\z@ \@plus .3p@\relax
14996   \let\item\@idxitem}

```

```

14997   {\if@restonecol\onecolumn\else\clearpage\fi}
14998 \fi

```

7.109 tocloft-xetex-bidi.def

```

14999 \ProvidesFile{tocloft-xetex-bidi.def}[2010/07/25 v0.2 bidi adaptations for tocloft package fo
15000 \let\cftdot\@SepMark
15001 \if@cfthaspart
15002 \renewcommand*{\l@part}[2]{
15003   \@cftdopartfalse
15004   \ifnum \c@tocdepth >-2\relax
15005     \if@cfthaschapter
15006       \@cftdoparttrue
15007     \fi
15008     \ifnum \c@tocdepth >\m@ne
15009       \if@cfthaschapter\else
15010         \@cftdoparttrue
15011       \fi
15012     \fi
15013   \fi
15014   \if@cftdopart
15015     \if@cfthaschapter
15016       \addpenalty{-\@highpenalty}
15017     \else
15018       \addpenalty\@secpenalty
15019     \fi
15020     \addvspace{\cftbeforepartskip}
15021     \begingroup
15022     {\if@RTL\righskip\else\leftskip\fi \cftpartindent\relax
15023     \if@RTL\leftskip\else\righskip\fi \@tocrmarg
15024     \parfillskip -\if@RTL\leftskip\else\righskip\fi
15025     \parindent \cftpartindent\relax\@afterindenttrue
15026     \interlinepenalty\@M
15027     \leavevmode
15028     \@tempdima \cftpartnumwidth\relax
15029     \let\@cftbsnum \cftpartpresnum
15030     \let\@cftasnum \cftpartaftersnum
15031     \let\@cftasnumb \cftpartaftersnumb
15032     \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\ri
15033     {\cftpartfont \cftpartpresnum #1}
15034     \cftpartfillnum{#2}}
15035   \nobreak
15036   \if@cfthaschapter
15037     \global\@nobreaktrue
15038     \everypar{\global\@nobreakfalse\everypar{}}
15039   \else
15040     \if@compatibility
15041       \global\@nobreaktrue
15042       \everypar{\global\@nobreakfalse\everypar{}}
15043     \fi

```



```

15044     \fi
15045   \endgroup
15046 \fi}
15047 \fi
15048 \if@cfthaschapter
15049 \renewcommand*{\l@chapter}[2]{
15050   \ifnum \c@tocdepth >\m@ne
15051     \addpenalty{-\@highpenalty}
15052     \vskip \cftbeforechapskip
15053     {\if@RTL\righskip\else\leftskip\fi \cftchapindent\relax
15054     \if@RTL\leftskip\else\righskip\fi \@tocrmarg
15055     \parfillskip -\if@RTL\leftskip\else\righskip\fi
15056     \parindent \cftchapindent\relax\@afterindenttrue
15057     \interlinepenalty\@M
15058     \leavevmode
15059     \@tempdima \cftchapnumwidth\relax
15060     \let\@cftbsnum \cftchappresnum
15061     \let\@cftasnum \cftchapaftersnum
15062     \let\@cftasnumb \cftchapaftersnumb
15063     \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\righ
15064     {\cftchapfont #1}\nobreak
15065     \cftchapfillnum{#2}}
15066 \fi}
15067 \fi
15068 \renewcommand*{\l@section}[2]{%
15069   \ifnum \c@tocdepth >\z@
15070     \if@cfthaschapter
15071       \vskip \cftbeforesecskip
15072     \else
15073       \addpenalty\@secpenalty
15074       \addvspace{\cftbeforesecskip}
15075     \fi
15076     {\if@RTL\righskip\else\leftskip\fi \cftsecindent\relax
15077     \if@RTL\leftskip\else\righskip\fi \@tocrmarg
15078     \parfillskip -\if@RTL\leftskip\else\righskip\fi
15079     \parindent \cftsecindent\relax\@afterindenttrue
15080     \interlinepenalty\@M
15081     \leavevmode
15082     \@tempdima \cftsecnumwidth\relax
15083     \let\@cftbsnum \cftsecpresnum
15084     \let\@cftasnum \cftsecaftersnum
15085     \let\@cftasnumb \cftsecaftersnumb
15086     \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\righ
15087     {\cftsecfont #1}\nobreak
15088     \cftsecfillnum{#2}}
15089 \fi}
15090 \renewcommand*{\l@subsection}[2]{%
15091   \ifnum \c@tocdepth >\@ne
15092     \vskip \cftbeforesubsecskip
15093     {\if@RTL\righskip\else\leftskip\fi \cftsubsecindent\relax

```

```

15094 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15095 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
15096 \parindent \cftsubsecindent\relax\@afterindenttrue
15097 \interlinepenalty\@M
15098 \leavevmode
15099 \@tempdima \cftsubsecnumwidth\relax
15100 \let\@cftbsnum \cftsubsecpresnum
15101 \let\@cftasnum \cftsubsecaftersnum
15102 \let\@cftasnumb \cftsubsecaftersnumb
15103 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\right
15104 {\cftsubsecfont #1}\nobreak
15105 \cftsubsecfillnum{#2}}
15106 \fi}
15107 \renewcommand*{\l@subsubsection}[2]{%
15108 \ifnum \c@tocdepth >\tw@
15109 \vskip \cftbeforesubsubsecskip
15110 {\if@RTL\rightskip\else\leftskip\fi \cftsubsubsecindent\relax
15111 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15112 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
15113 \parindent \cftsubsubsecindent\relax\@afterindenttrue
15114 \interlinepenalty\@M
15115 \leavevmode
15116 \@tempdima \cftsubsubsecnumwidth\relax
15117 \let\@cftbsnum \cftsubsubsecpresnum
15118 \let\@cftasnum \cftsubsubsecaftersnum
15119 \let\@cftasnumb \cftsubsubsecaftersnumb
15120 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\right
15121 {\cftsubsubsecfont #1}\nobreak
15122 \cftsubsubsecfillnum{#2}}
15123 \fi}
15124 \renewcommand*{\l@paragraph}[2]{%
15125 \ifnum \c@tocdepth >3\relax
15126 \vskip \cftbeforeparaskip
15127 {\if@RTL\rightskip\else\leftskip\fi \cftparaindent\relax
15128 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15129 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
15130 \parindent \cftparaindent\relax\@afterindenttrue
15131 \interlinepenalty\@M
15132 \leavevmode
15133 \@tempdima \cftparanumwidth\relax
15134 \let\@cftbsnum \cftparapresnum
15135 \let\@cftasnum \cftparaaftersnum
15136 \let\@cftasnumb \cftparaaftersnumb
15137 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\right
15138 {\cftparafont #1}\nobreak
15139 \cftparafillnum{#2}}
15140 \fi}
15141 \renewcommand*{\l@subparagraph}[2]{%
15142 \ifnum \c@tocdepth >4\relax
15143 \vskip \cftbeforesubparaskip

```

```

15144 {\if@RTL\rightskip\else\leftskip\fi \cftsubparaindent\relax
15145 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15146 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
15147 \parindent \cftsubparaindent\relax\@afterindenttrue
15148 \interlinepenalty\@M
15149 \leavevmode
15150 \@tempdima \cftsubparanumwidth\relax
15151 \let\@cftbsnum \cftsubparapresnum
15152 \let\@cftasnum \cftsubparaaftersnum
15153 \let\@cftasnumb \cftsubparaaftersnumb
15154 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\right
15155 {\cftsubparafont #1}\nobreak
15156 \cftsubparafillnum{#2}}
15157 \fi}
15158 \renewcommand*{\l@figure}[2]{%
15159 \ifnum \c@lofdepth >\z@
15160 \vskip \cftbeforefigskip
15161 {\if@RTL\rightskip\else\leftskip\fi \cftfigindent\relax
15162 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15163 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
15164 \parindent \cftfigindent\relax\@afterindenttrue
15165 \interlinepenalty\@M
15166 \leavevmode
15167 \@tempdima \cftfignumwidth\relax
15168 \let\@cftbsnum \cftfigpresnum
15169 \let\@cftasnum \cftfigaftersnum
15170 \let\@cftasnumb \cftfigaftersnumb
15171 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\right
15172 {\cftfigfont #1}\nobreak
15173 \cftfigfillnum{#2}}
15174 \fi
15175 }
15176 \renewcommand*{\l@table}[2]{%
15177 \ifnum \c@lotdepth >\z@
15178 \vskip \cftbeforetabskip
15179 {\if@RTL\rightskip\else\leftskip\fi \cfttabindent\relax
15180 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15181 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
15182 \parindent \cfttabindent\relax\@afterindenttrue
15183 \interlinepenalty\@M
15184 \leavevmode
15185 \@tempdima \cfttabnumwidth\relax
15186 \let\@cftbsnum \cfttabpresnum
15187 \let\@cftasnum \cfttabaftersnum
15188 \let\@cftasnumb \cfttabaftersnumb
15189 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\right
15190 {\cfttabfont #1}\nobreak
15191 \cfttabfillnum{#2}}
15192 \fi
15193 }

```

```

15194 \renewcommand{\cftl@subfig}{
15195 \renewcommand*{\l@subfigure}[2]{%
15196 \ifnum \c@lofdepth > \toclevel@subfigure
15197 \vskip \cftbeforesubfigskip
15198 {\if@RTL\righskip\else\leftskip\fi \cftsubfigindent\relax
15199 \if@RTL\leftskip\else\righskip\fi \@tocrmarg
15200 \parfillskip -\if@RTL\leftskip\else\righskip\fi
15201 \parindent \cftsubfigindent\relax\@afterindenttrue
15202 \interlinepenalty\@M
15203 \leavevmode
15204 \@tempdima \cftsubfignumwidth\relax
15205 \let\@cftbsnum \cftsubfigpresnum
15206 \let\@cftasnum \cftsubfigaftersnum
15207 \let\@cftasnumb \cftsubfigaftersnumb
15208 \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\righ
15209 {\cftsubfigfont ##1}\nobreak
15210 \cftsubfigfillnum{##2}}
15211 \fi
15212 }
15213 }
15214 \renewcommand{\cftl@subtab}{
15215 \renewcommand*{\l@subtable}[2]{%
15216 \ifnum \c@lotdepth > \toclevel@subtable
15217 \vskip \cftbeforesubtabskip
15218 {\if@RTL\righskip\else\leftskip\fi \cftsubtabindent\relax
15219 \if@RTL\leftskip\else\righskip\fi \@tocrmarg
15220 \parfillskip -\if@RTL\leftskip\else\righskip\fi
15221 \parindent \cftsubtabindent\relax\@afterindenttrue
15222 \interlinepenalty\@M
15223 \leavevmode
15224 \@tempdima \cftsubtabnumwidth\relax
15225 \let\@cftbsnum \cftsubtabpresnum
15226 \let\@cftasnum \cftsubtabaftersnum
15227 \let\@cftasnumb \cftsubtabaftersnumb
15228 \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\righ
15229 {\cftsubtabfont ##1}\nobreak
15230 \cftsubtabfillnum{##2}}
15231 \fi
15232 }
15233 }
15234 \renewcommand{\newlistentry}[4][\@empty]{%
15235 \@ifundefined{c@#2}{% check & set the counter
15236 \ifx \@empty#1\relax
15237 \newcounter{#2}
15238 \else
15239 \@ifundefined{c@#1}{\PackageWarning{tocloft}%
15240 {#1 has no counter for use as a 'within'}
15241 \newcounter{#2}}%
15242 {\newcounter{#2}[#1]%
15243 \expandafter\edef\csname the#2\endcsname{%

```

```

15244         \expandafter\noexpand\csname the#1\endcsname\@SepMark\noexpand\arabic{#2}}
15245     \fi
15246     \setcounter{#2}{0}
15247 }
15248 {\PackageError{tocloft}{#2 has been previously defined}{\@eha}}
15249
15250 \@namedef{l@#2}##1##2{%
15251     \ifnum \@nameuse{c@#3depth} > #4\relax
15252     \vskip \@nameuse{cftbefore#2skip}
15253     {\if@RTL\righskip\else\leftskip\fi \@nameuse{cft#2indent}\relax
15254     \if@RTL\leftskip\else\righskip\fi \@tocrmarg
15255     \parfillskip -\if@RTL\leftskip\else\righskip\fi
15256     \parindent \@nameuse{cft#2indent}\relax\@afterindenttrue
15257     \interlinepenalty\@M
15258     \leavevmode
15259     \@tempdima \@nameuse{cft#2numwidth}\relax
15260     \expandafter\let\expandafter\@cftbsnum\csname cft#2presnum\endcsname
15261     \expandafter\let\expandafter\@cftasnum\csname cft#2aftersnum\endcsname
15262     \expandafter\let\expandafter\@cftasnumb\csname cft#2aftersnumb\endcsname
15263     \advance\if@RTL\righskip\else\leftskip\fi\@tempdima \null\nobreak\hskip -\if@RTL\righ
15264     {\@nameuse{cft#2font}##1}\nobreak
15265     \@nameuse{cft#2fillnum}{##2}}
15266 \fi
15267 } % end of l@#2
15268
15269 \expandafter\newlength\csname cftbefore#2skip\endcsname
15270 \setlength{\@nameuse{cftbefore#2skip}}{\z@ \@plus .2\p@}
15271 \expandafter\newlength\csname cft#2indent\endcsname
15272 \expandafter\newlength\csname cft#2numwidth\endcsname
15273 \ifcase #4\relax % 0
15274     \setlength{\@nameuse{cft#2indent}}{0em}
15275     \setlength{\@nameuse{cft#2numwidth}}{1.5em}
15276 \or % 1
15277     \setlength{\@nameuse{cft#2indent}}{1.5em}
15278     \setlength{\@nameuse{cft#2numwidth}}{2.3em}
15279 \or % 2
15280     \setlength{\@nameuse{cft#2indent}}{3.8em}
15281     \setlength{\@nameuse{cft#2numwidth}}{3.2em}
15282 \or % 3
15283     \setlength{\@nameuse{cft#2indent}}{7.0em}
15284     \setlength{\@nameuse{cft#2numwidth}}{4.1em}
15285 \else % anything else
15286     \setlength{\@nameuse{cft#2indent}}{10.0em}
15287     \setlength{\@nameuse{cft#2numwidth}}{5.0em}
15288 \fi
15289 \@namedef{cft#2font}{\normalfont}
15290 \@namedef{cft#2presnum}{}
15291 \@namedef{cft#2aftersnum}{}
15292 \@namedef{cft#2aftersnumb}{}
15293 \@namedef{cft#2dotsep}{\cftdotsep}

```

```

15294 \@namedef{cft#2leader}{\normalfont\cftdotfill{\@nameuse{cft#2dotsep}}}
15295 \@namedef{cft#2pagefont}{\normalfont}
15296 \@namedef{cft#2afterpnum}{\}
15297 \@namedef{toclevel@#2}{#4}
15298 \@namedef{cft#2fillnum}##1{%
15299   {\@nameuse{cft#2leader}}\nobreak
15300   \hb@xt@{\pnumwidth}{\hfil\@nameuse{cft#2pagefont}##1}\@nameuse{cft#2afterpnum}\par}
15301 } % end \newlistentry
15302 \renewcommand{\cftchapterprecistoc}[1]{\addtocontents{toc}{%
15303   {\if@RTL\rightskip\else\leftskip\fi \cftchapindent\relax
15304     \advance\if@RTL\rightskip\else\leftskip\fi \cftchapnumwidth\relax
15305     \if@RTL\leftskip\else\rightskip\fi \tocrmarg\relax
15306     \textit{#1}\protect\par}}}

```

7.110 tocstyle-xetex-bidi.def

```

15307 \ProvidesFile{tocstyle-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for tocstyle package]
15308 \renewcommand*{\tocstyle@dottedtocline}[5]{%
15309   \let\numberline\tocstyle@numberline
15310   \ifnum #1>\c@tocdepth \else
15311     \if@tocstyle@penalties
15312       \begingroup
15313         \@tempcnta 20010
15314         \advance \@tempcnta by -#1
15315         \ifnum \@tempcnta>\lastpenalty
15316           \aftergroup\penalty\aftergroup\@lowpenalty
15317         \fi
15318       \endgroup
15319     \fi
15320     \edef\tocstyledepth{#1}%
15321     \tocstyle@activate@features
15322     \ifx\tocstyle@feature@entryvskip\relax
15323       \vskip \z@ \@plus.2\p@
15324     \else
15325       \addvspace{\tocstyle@feature@entryvskip}%
15326     \fi
15327     {%
15328       \parskip \z@ \parindent \z@ \if@RTL\rightskip\else\leftskip\fi \z@ \if@RTL\leftskip\else\rightskip\fi
15329       \tocstyle@feature@raggedhook
15330       \@tempdima #3\relax
15331       \@tempdimb #2\relax
15332       \typeout{m (\tocstyleTOC, \tocstyledepth): \the\@tempdima}%
15333       \ifnum #1>\z@ \relax
15334         \@tempcnta #1\relax \advance\@tempcnta \m@ne
15335         \ifcsname tocstyle@skipwidth@\tocstyleTOC @\the\@tempcnta\endcsname
15336           \ifcsname tocstyle@numwidth@\tocstyleTOC @\the\@tempcnta\endcsname
15337             \@tempdimb
15338             \csname tocstyle@skipwidth@\tocstyleTOC @\the\@tempcnta\endcsname
15339             \advance\@tempdimb
15340             \csname tocstyle@numwidth@\tocstyleTOC @\the\@tempcnta\endcsname

```

```

15341         \fi
15342     \fi
15343 \fi
15344 \typeout{C (\tocstyleTOC, \tocstyledepth): \the\@tempdimb}%
15345 \ifcsname tocstyle@skipwidth@\tocstyleTOC @#1\endcsname
15346     \ifdim \@tempdimb>
15347         \csname tocstyle@skipwidth@\tocstyleTOC @#1\endcsname\relax
15348         \expandafter\xdef\csname tocstyle@skipwidth@\tocstyleTOC
15349             @#1\endcsname{\the\@tempdimb}%
15350     \fi
15351 \else
15352     \expandafter\xdef\csname tocstyle@skipwidth@\tocstyleTOC
15353         @#1\endcsname{\the\@tempdimb}%
15354 \fi
15355 \iftocstyle@autolength
15356     \ifcsname tocstyle@maxskipwidth@\tocstyleTOC @#1\endcsname
15357         \@tempdimb \csname tocstyle@maxskipwidth@\tocstyleTOC @#1\endcsname
15358     \relax
15359 \fi
15360 \ifcsname tocstyle@maxnumwidth@\tocstyleTOC @#1\endcsname
15361     \@tempdima \csname tocstyle@maxnumwidth@\tocstyleTOC @#1\endcsname
15362     \relax
15363 \fi
15364 \typeout{a (\tocstyleTOC, \tocstyledepth): \the\@tempdima}%
15365 \typeout{A (\tocstyleTOC, \tocstyledepth): \the\@tempdimb}%
15366 \else
15367     \@tempdimb #2\relax
15368     \typeout{M (\tocstyleTOC, \tocstyledepth): \the\@tempdimb}%
15369 \fi
15370 \ifcsname tocstyle@unumwidth@\tocstyleTOC @\endcsname
15371     \ifdim \@tempdima>
15372         \csname tocstyle@unumwidth@\tocstyleTOC @\endcsname\relax
15373         \expandafter\xdef\csname tocstyle@unumwidth@\tocstyleTOC
15374             @\endcsname{\the\@tempdima}%
15375     \fi
15376 \else
15377     \expandafter\xdef\csname tocstyle@unumwidth@\tocstyleTOC
15378         @\endcsname{\the\@tempdima}%
15379 \fi
15380 \ifcase\tocstyle@indentstyle\relax\else
15381     \@tempdimb \z@
15382     \ifcsname tocstyle@maxunumwidth@\tocstyleTOC @\endcsname
15383         \@tempdima \csname tocstyle@maxunumwidth@\tocstyleTOC @\endcsname
15384     \relax
15385 \fi
15386 \typeout{s (\tocstyleTOC, \tocstyledepth): \the\@tempdima}%
15387 \typeout{S (\tocstyleTOC, \tocstyledepth): \the\@tempdimb}%
15388 \fi
15389 \advance\parindent \@tempdimb\@afterindenttrue
15390 \advance\if@RTL\rightskip\else\leftskip\fi \parindent

```

```

15391 \advance\if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15392 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
15393 \ifx\tocstyle@feature@parfillskip\relax\else
15394 \advance\parfillskip \tocstyle@feature@parfillskip\relax
15395 \fi
15396 \interlinepenalty\@M
15397 \leavevmode
15398 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima
15399 \null\nobreak
15400 \iftocstyle@indentnotnumbered\else
15401 \hskip -\if@RTL\rightskip\else\leftskip\fi
15402 \fi
15403 \tocstyle@feature@entryhook
15404 {#4}\nobreak
15405 \ifx\tocstyle@feature@leaders\relax
15406 \leaders\hbox{$\m@th
15407 \mkern \dotsep mu\hbox{\tocstyle@feature@dothook .}%
15408 \mkern \dotsep mu$}\hfill
15409 \else
15410 \tocstyle@feature@leaders
15411 \fi
15412 \nobreak
15413 \ifx\tocstyle@feature@pagenumberbox\relax
15414 \hb@xt@\@pnumwidth{\hfil\tocstyle@feature@pagenumberhook #5}%
15415 \else
15416 \tocstyle@feature@pagenumberbox{\tocstyle@feature@pagenumberhook #5}%
15417 \fi
15418 \par
15419 }%
15420 \iftocstyle@penalties
15421 \bgroup
15422 \@tempcnta 20009
15423 \advance\@tempcnta by -#1
15424 \edef\reserved@a{\egroup\penalty\the\@tempcnta\relax}%
15425 \reserved@a
15426 \fi
15427 \fi}
15428 \renewcommand*{\tocstyle@numberline}[1]{%
15429 \beginngroup
15430 \ifx\tocstyle@feature@spaceafternumber\relax
15431 \settowidth\@tempdima{\tocstyle@numberline{#1}\enskip}%
15432 \else
15433 \settowidth\@tempdima{\tocstyle@numberline{#1}}%
15434 \advance \@tempdima \tocstyle@feature@spaceafternumber\relax
15435 \fi
15436 \ifcsname tocstyle@numwidth@\tocstyleTOC \@tocstyledepth\endcsname
15437 \ifdim \@tempdima >
15438 \csname tocstyle@numwidth@\tocstyleTOC \@tocstyledepth\endcsname\relax
15439 \expandafter\edef\csname tocstyle@numwidth@\tocstyleTOC
15440 \@tocstyledepth\endcsname{\the\@tempdima}%

```



```

15441     \fi
15442   \else
15443     \expandafter\edef\csname tocstyle@numwidth@\tocstyleTOC
15444       @\tocstyledepth\endcsname{\the\@tempdima}%
15445   \fi
15446 \endgroup
15447 \iftocstyle@indentnotnumbered
15448   \hskip -\ifRTL\rightskip\else\leftskip\fi
15449 \fi
15450 \ifcase \tocstyle@indentstyle
15451   \hb@xt@\@tempdima{\tocstyle@@numberline{#1}\hfil}%
15452 \or
15453   \hb@xt@\@tempdima{\tocstyle@@numberline{#1}\hfil}%
15454 \else
15455   \ifx\tocstyle@feature@spaceafternumber\relax
15456     \hbox{\tocstyle@@numberline{#1}\enskip}%
15457   \else
15458     \hbox{\tocstyle@@numberline{#1}\hskip
15459       \tocstyle@feature@spaceafternumber\relax}%
15460   \fi
15461 \fi
15462 }
15463 \AtBeginDocument{%
15464   \ifcsname l@part\endcsname
15465     \ifcsname l@chapter\endcsname
15466       \setbox\@tempboxa\vbox{\hsize\maxdimen
15467         \l@part{\tocstyle@l@define{part}{-1}}{}}%
15468     \else
15469       \setbox\@tempboxa\vbox{\hsize\maxdimen
15470         \l@part{\tocstyle@l@define{part}{0}}{}}%
15471   \fi
15472 \fi
15473 \ifcsname l@chapter\endcsname
15474   \setbox\@tempboxa\vbox{\hsize\maxdimen
15475     \l@chapter{\tocstyle@l@define{chapter}{0}}{}}%
15476 \fi
15477 \ifcsname l@section\endcsname
15478   \setbox\@tempboxa\vbox{\hsize\maxdimen
15479     \l@section{\tocstyle@l@define{section}{1}}{}}%
15480 \fi
15481 \ifcsname l@subsection\endcsname
15482   \setbox\@tempboxa\vbox{\hsize\maxdimen
15483     \l@subsection{\tocstyle@l@define{subsection}{2}}{}}%
15484 \fi
15485 \ifcsname l@subsubsection\endcsname
15486   \setbox\@tempboxa\vbox{\hsize\maxdimen
15487     \l@subsubsection{\tocstyle@l@define{subsubsection}{3}}{}}%
15488 \fi
15489 \ifcsname l@paragraph\endcsname
15490   \setbox\@tempboxa\vbox{\hsize\maxdimen

```

```

15491 \l@paragraph{\tocstyle@l@define{paragraph}{4}}{}}}%
15492 \fi
15493 \ifcsname l@subparagraph\endcsname
15494 \setbox\@tempboxa\vbox{\hsize\maxdimen
15495 \l@subparagraph{\tocstyle@l@define{subparagraph}{5}}{}}}%
15496 \fi
15497 \ifcsname l@table\endcsname
15498 \setbox\@tempboxa\vbox{\hsize\maxdimen
15499 \l@table{\tocstyle@l@define{table}{1}}{}}}%
15500 \fi
15501 \ifcsname l@figure\endcsname
15502 \setbox\@tempboxa\vbox{\hsize\maxdimen
15503 \l@figure{\tocstyle@l@define{figure}{1}}{}}}%
15504 \fi
15505 \def\@tempa#1#2#3#4#5{%
15506 \ifnum #1>\c@tocdepth \else
15507 \vskip \z@ \@plus.2\p@
15508 {\if@RTL\rightskip\else\leftskip\fi #2\relax \if@RTL\leftskip\else\rightskip\fi \@tocrm
15509 \parindent #2\relax\@afterindenttrue
15510 \interlinepenalty\@M
15511 \leavevmode
15512 \@tempdima #3\relax
15513 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\right
15514 {#4}\nobreak
15515 \leaders\hbox{$\m@th
15516 \mkern \dotsep mu\hbox{.}\mkern \dotsep
15517 mu$}\hfill
15518 \nobreak
15519 \hb@xt@\@pnumwidth{\hfil \normalfont \normalcolor #5}}%
15520 \par}%
15521 \fi}%
15522 \ifx\@dottedtocline\@tempa\else
15523 \tocstyle@macrochangewarning\@dottedtocline
15524 \fi
15525 \let\tocstyle@saved@dottedtocline\@dottedtocline
15526 \def\@tempa#1{\hb@xt@\@tempdima{#1\autodot\hfil}}}%
15527 \ifx\numberline\@tempa\else
15528 \def\@tempa#1{\hb@xt@\@tempdima{#1\hfil}}}%
15529 \ifx\numberline\@tempa\else
15530 \tocstyle@macrochangewarning\numberline
15531 \fi
15532 \fi
15533 \let\tocstyle@saved@numberline\numberline
15534 }
15535 \renewcommand*{\tocstyle@l@define}[2]{%
15536 \advance\if@RTL\rightskip\else\leftskip\fi-\@tempdima
15537 \edef\@tempa{%
15538 \noexpand\global\noexpand\let
15539 \expandafter\noexpand\csname tocstyle@saved@l@#1\endcsname
15540 \expandafter\noexpand\csname l@#1\endcsname

```

```

15541 \noexpand\gdef
15542 \expandafter\noexpand\csname tocstyle@l@#1\endcsname{%
15543 \noexpand\@dottedtocline{#2}{\the\if@RTL\rightskip\else\leftskip\fi}{\the\@tempdima}}%
15544 \noexpand\g@addto@macro\noexpand\tocstyle@activate@all@l{%
15545 \noexpand\let\expandafter\noexpand\csname l@#1\endcsname
15546 \expandafter\noexpand\csname tocstyle@l@#1\endcsname
15547 }%
15548 }%
15549 \PackageInfo{tocstyle}{prepare \expandafter\string
15550 \csname l@#1\endcsname\space for redefinition}%
15551 \@tempa
15552 }

```

7.111 wrapfig-xetex-bidi.def

```

15553 \ProvidesFile{wrapfig-xetex-bidi.def}[2010/07/25 v0.2 bidi adaptations for wrapfig package for
15554 \let\WF@everypar\bidi@n@everypar
15555 \def\WF@putfigmaybe{%
15556 \ifinner
15557 \vskip-\parskip \global\WF@floatfalse
15558 \let\pagetotal\maxdimen % kludge flag for "not top of page"
15559 \else % outer page
15560 \@tempdima\pagedepth % save page depth
15561 {\advance\parskip\if@RTL\baselineskip\else\@tempdima\fi\vskip-\parskip}% back up to baseline
15562 \penalty\interlinepenalty % update pg. parameters
15563 \@tempdimb\pagegoal \advance\@tempdimb-\pagetotal % room left on page
15564 \ifdim\@tempdimb<\z@ % \WF@info{Page overfull already;}%
15565 \global\WF@floatfalse
15566 \ifdim-\@tempdimb>\pageshrink \else \pagebreak \fi
15567 \else
15568 \ifdim\WF@size>\@tempdimb
15569 \ifWF@float \dimen@.5\baselineskip \else \dimen@ 2\baselineskip\fi
15570 \ifdim\pagestretch>\dimen@ \dimen@\pagestretch \fi
15571 \ifdim\pagefilstretch>\z@ \dimen@\@tempdimb \fi
15572 \ifdim\pagefillstretch>\z@ \dimen@\@tempdimb \fi
15573 \advance\dimen@.5\baselineskip
15574 \ifdim\dimen@>\@tempdimb % \WF@info{Page nearly full; can stretch}%
15575 \global\WF@floatfalse \pagebreak
15576 \fi
15577 \else % \WF@info{Fits in \the\@tempdimb;}%
15578 \global\WF@floatfalse
15579 \fi\fi
15580 \vskip\@tempdima\relax % (return erased page depth)
15581 \fi
15582 \noindent
15583 \ifWF@float
15584 \WF@fltnes
15585 \else % putting here;
15586 \WF@info{Put \WF@wfname here;}%
15587 {\ifodd\if@twoside\c@page\else\@ne\fi % assign l/r to i/o placement

```

```

15588 \lccode'i'\lccode'o'r\else \lccode'i'r\lccode'o'l\fi
15589 \xdef\WF@place{\the\lccode\lccode\WF@place}}% twice to get only l or r
15590 \hbox to\z@{% llap or rlap depending on {l} or {r}; calc effective width
15591 \@tempdima\wd\WF@box \@tempdimb\WF@ovh
15592 \advance\@tempdima-\@tempdimb \advance\@tempdima\columnsep
15593 \@tempdimb\hsize \advance\@tempdimb-\@tempdima
15594 \xdef\WF@adjlw{\the\@tempdima}%
15595 \ifnum 'l=\WF@place % fig on left
15596 \if@RTL%
15597 \kern\@tempdimb \kern\columnsep
15598 \def\@tempa{\hss}% position to left of the gap
15599 \else%
15600 \hss % figure overlaps space to the left
15601 \def\@tempa{\kern\columnsep}% position to left of the gap
15602 \fi%
15603 \else % fig on right
15604 \if@RTL%
15605 \hss
15606 \@tempdima\z@
15607 \def\@tempa{\kern\columnsep}
15608 \else%
15609 \@tempdima\z@ % no left indentation
15610 \kern\@tempdimb \kern\columnsep
15611 \def\@tempa{\hss}% figure overlaps space to the right
15612 \fi%
15613 \fi
15614 \ifdim\@tempdimb<\hsize
15615 \xdef\WF@wrapil{\the\@tempdima \the\@tempdimb}% indentation and length
15616 \xdef\WF@adjtlm{\the\@tempdima}%
15617 \else
15618 \xdef\WF@wrapil{\z@ \the\hsize}%
15619 \xdef\WF@adjlw{\z@}\xdef\WF@adjtlm{\z@}%
15620 \fi
15621 \ifdim\pagetotal=\z@ % \WF@info{Put \WF@wfname at top of p.\thepage}%
15622 \global\advance\WF@size-\intextsep
15623 \else % \WF@info{Putting \WF@wfname in middle of page}%
15624 \setbox\WF@box\hbox{\lower\intextsep\box\WF@box}%
15625 \fi \dp\WF@box\z@ \box\WF@box \@tempa
15626 }% end \hbox to 0pt
15627 \aftergroup\WF@startwrapping % after the \endgroup which immediately follows
15628 \fi}

```

7.112 xcolor-xetex-bidi.def

```

15629 \ProvidesFile{xcolor-xetex-bidi.def}[2013/04/08 v0.2 bidi adaptations for xcolor package for
15630 \long\def\color@b@x#1#2#3%
15631 {\leavevmode\ifmmode\else\if@RTL\beginL\fi\fi
15632 \setbox\z@\hbox{\kern\fbboxsep\set@color\if@RTL\beginR\fi#3\if@RTL\endR\fi}\kern\fbboxsep}%
15633 \dimen@ht\z@\advance\dimen@\fbboxsep\ht\z@\dimen@
15634 \dimen@\dp\z@\advance\dimen@\fbboxsep\dp\z@\dimen@

```

```

15635 {#1{#2\color@block{\wd\z@}{\ht\z@}{\dp\z@}\box\z@}}\ifmode\else\if@RTL\endL\fi\fi}
15636 \def\normalcolor{\let\current@color\default@color\ifmode\if@RTL\beginL\aftergroup\endR\fi\fi}
15637 \DeclareRobustCommand\color
15638 {\ifmode\if@RTL\beginL\aftergroup\endR\fi\fi\@ifnextchar[\@undeclaredcolor\@declaredcolor]}
15639 \def\@undeclaredcolor[#1]#2%
15640 {\begingroup
15641 \let\@ccls\@empty
15642 \XC@getmodclr12{#1}{#2}{}%
15643 {\ifblendcolors
15644 \ifx\colorblend\@empty\else
15645 \edef\@mix{\expandafter\@gobble\colorblend}\@tempwafalse
15646 \XC@coremodel\@mod\@clr\xcolor@{}{}\@mod\@clr
15647 \fi
15648 \fi
15649 \ifconvertcolorsU
15650 \edef\@tmp{\XC@tgt@mod{\@mod}}%
15651 \convertcolorspec\@mod\@clr\@tmp\@clr \let\@mod\@tmp
15652 \fi
15653 \ifmaskcolors
15654 \convertcolorspec\@mod\@clr\XC@mmod\@clr
15655 \let\@mod\XC@mmod
15656 \XC@inflate\@mod\XC@mclr\@clr\@tmp
15657 \expandafter\XC@mul\@tmp,\@clr
15658 \fi
15659 \edef\@tmp{\noexpand\XC@undeclaredcolor{\@mod}{\@clr}}%
15660 \expandafter\endgroup\@tmp}}
15661 \def\@declaredcolor#1%
15662 {\XC@edef\XC@tmp{#1}\XC@@tstfalse
15663 \ifcase\XC@type\XC@tmp\relax \XC@@tsttrue\or \relax\else
15664 \ifblendcolors\XC@@tsttrue\fi \ifmaskcolors\XC@@tsttrue\fi
15665 \ifconvertcolorsU\XC@@tsttrue\fi
15666 \fi
15667 \ifXC@@tst
15668 \expandafter\XC@declaredcolor\else
15669 \expandafter\XC@declaredc@lor\fi}
15670 \def\XC@undeclaredcolor#1#2%
15671 {\@ifundefinedmodel{#1}%
15672 {\c@lor@error{model ' #1 '}}%
15673 {\@nameuse{color@#1}\current@color{#2}%
15674 \edef\XC@current@color{\noexpand\xcolor@{}{\current@color}{#1}{#2}}%
15675 \XC@display}\ifmode\if@RTL\beginR\aftergroup\endL\fi\fi\ignorespaces}
15676 \def\XC@declaredc@lor
15677 {\XC@let\Nc\XC@current@color{\string\color@\XC@tmp}%
15678 \edef\current@color{\XC@current@color}%
15679 \XC@display\ifmode\if@RTL\beginR\aftergroup\endL\fi\fi\ignorespaces}
15680 \DeclareRobustCommand\bidicolor
15681 {\@ifnextchar[\@bidiundeclaredcolor\@bidideclaredcolor]}
15682 \def\@bidiundeclaredcolor[#1]#2%
15683 {\begingroup
15684 \let\@ccls\@empty

```

```

15685 \XC@getmodclr12{#1}{#2}{}%
15686 {\ifblendcolors
15687   \ifx\colorblend\empty\else
15688     \edef\@mix{\expandafter\@gobble\colorblend}\@tempswafalse
15689     \XC@coremodel\@mod\@clr\@xcolor@{}{}\@mod\@clr
15690   \fi
15691 \fi
15692 \ifconvertcolorsU
15693   \edef\@tmp{\XC@tgt@mod{\@mod}}%
15694   \convertcolorspec\@mod\@clr\@tmp\@clr \let\@mod\@tmp
15695 \fi
15696 \ifmaskcolors
15697   \convertcolorspec\@mod\@clr\XC@mmod\@clr
15698   \let\@mod\XC@mmod
15699   \XC@inflate\@mod\XC@mclr\@clr\@tmp
15700   \expandafter\XC@mul\@tmp,\@clr
15701 \fi
15702 \edef\@tmp{\noexpand\XC@bidiundeclaredcolor{\@mod}{\@clr}}%
15703 \expandafter\endgroup\@tmp}}
15704 \def\XC@bidiundeclaredcolor#1#2%
15705 {\ifundefinedmodel{#1}%
15706   {\c@lor@error{model ' #1' }}%
15707   {\@nameuse{color@#1}\current@color{#2}%
15708     \edef\XC@current@color{\noexpand\xcolor@{}{\current@color}{#1}{#2}}%
15709     \XC@display}}
15710 \def\@bidideclaredcolor#1%
15711 {\XC@edef\XC@tmp{#1}\XC@tstfalse
15712 \ifcase\XC@type\XC@tmp\relax \XC@tsttrue\or \relax\else
15713   \ifblendcolors\XC@tsttrue\fi \ifmaskcolors\XC@tsttrue\fi
15714   \ifconvertcolorsU\XC@tsttrue\fi
15715 \fi
15716 \ifXC@tst
15717   \expandafter\XC@bidideclaredcolor\else
15718   \expandafter\XC@bidideclaredc@lor\fi}
15719 \def\XC@bidideclaredcolor
15720 {\XC@split\XC@tmp
15721 \edef\@tmp{\noexpand\@bidiundeclaredcolor[\@mod]{\@clr}}%
15722 \expandafter\endgroup\@tmp}
15723 \def\XC@bidideclaredc@lor
15724 {\XC@let\Nc\XC@current@color{\string\color@\XC@tmp}%
15725 \edef\current@color{\XC@current@color}%
15726 \XC@display}
15727 \def\color@box#1#2{\color@b@x\relax{\bidicolor#1{#2}}}
15728 \def\color@fbbox#1#2#3{\protect\color@fb@x{#1}{#2}{#3}}
15729 \def\color@fb@x#1#2#3#4%
15730 {\color@b@x{\fbboxsep\z@\bidicolor#1{#2}\XC@fbbox}%
15731 {\ifxempty{#3}{\bidicolor#1}{\bidicolor#3}{#4}}}
15732 \def\color@setgroup{\begingroup\ifhmode\ifRTL\beginL\aftergroup\endR\fi\fi\set@color\ifhmode

```

7.113 latex-xetex-bidi.def

```
15733 \ProvidesFile{latex-xetex-bidi.def}[2013/10/10 v1.1.5 bidi adaptations for 'latex.ltx' for X
15734 \newcommand{\TeXXeTOn}{\TeXXeTstate=1 }
15735 \newcommand{\TeXXeTOff}{\TeXXeTstate=0 }
15736 \TeXXeTOn
15737 \def\bidi@RTL@everypar{\if@RTL{\setbox\z@\lastbox\beginR\ifvoid\z@\else\usebox\z@\fi}\fi}
15738 \let\bidi@o@everypar=\everypar
15739 \newtoks\bidi@n@everypar
15740 \bidi@n@everypar\expandafter{\the\bidi@o@everypar}
15741 \bidi@o@everypar{\bidi@RTL@everypar\the\bidi@n@everypar}
15742 \let\everypar=\bidi@n@everypar
15743 \def\moreLRE{\bracetext \aftergroup\endL \beginL\@RTLfalse}
15744 \def\moreRLE{\bracetext \aftergroup\endR \beginR\@RTLtrue}
15745 \protected\def\hboxR{\hbox\bgroup
15746 \everyhbox{%
15747 \aftergroup\egroup
15748 \everyhbox{}}%
15749 \beginR
15750 \bgroup
15751 \aftergroup\endR
15752 \aftergroup\egroup
15753 }\hbox}
15754 \protected\def\hboxL{\hbox\bgroup
15755 \everyhbox{%
15756 \aftergroup\egroup
15757 \everyhbox{}}%
15758 \beginL
15759 \bgroup
15760 \aftergroup\endL
15761 \aftergroup\egroup
15762 }\hbox}
15763 \protected\def\vboxR{\vbox\bgroup
15764 \everyvbox{%
15765 \aftergroup\egroup
15766 \everyvbox{}}%
15767 \@RTLtrue
15768 \bgroup
15769 \aftergroup\egroup
15770 }\vbox}
15771 \protected\def\vboxL{\vbox\bgroup
15772 \everyvbox{%
15773 \aftergroup\egroup
15774 \everyvbox{}}%
15775 \@RTLfalse
15776 \bgroup
15777 \aftergroup\egroup
15778 }\vbox}
15779 \def\LTR{\par\@RTLfalse\@RTL@footnotefalse\if@bidi@list@minipage@parbox\beginL\else\if@RTLtab
15780 \def\endLTR{\par}
```

```

15781 \def\RTL{\par\@RTLtrue\@RTL@footnotetrue\hsize\linewidth\parshape\z@}
15782 \def\endRTL{\par}
15783 \def\setRTL{\@RTLtrue\@RTL@footnotetrue}
15784 \def\setLTR{\@RTLfalse\@RTL@footnotefalse\if@bidi@list@minipage@parbox\beginL\else\if@RTLtab}
15785 \let\unsetRTL=\setLTR
15786 \let\unsetLTR=\setRTL
15787 \let\LR=\LRE
15788 \let\RL=\RLE
15789 \def\@ensure@RTL#1{\if@RTL#1\else\RLE{#1}\fi}
15790 \def\@ensure@LTR#1{\if@RTL\LRE{#1}\else#1\fi}
15791 \let\@ensure@RL=\@ensure@RTL
15792 \let\@ensure@LR=\@ensure@LTR
15793 \def\@ensure@dir#1{\if@RTL\RLE{#1}\else{#1}\fi}
15794 \let\@ensure@maindir=\@ensure@dir
15795 \def\@RTL{RTL}
15796 \def\@LTR{LTR}
15797 \def\save@dir{\if@RTL\gdef\saved@@dir{RTL}\else\gdef\saved@@dir{LTR}\fi}
15798 \def\reset@dir{\ifx\saved@@dir\@RTL\setRTL\else\ifx\saved@@dir\@LTR\setLTR\else\relax\fi}
15799 \let\@TeX\TeX
15800 \def\TeX{\@ensure@LTR{\@TeX}}
15801 \let\@LaTeX\LaTeX
15802 \def\LaTeX{\@ensure@LTR{\@LaTeX}}
15803 \let\@LaTeXe\LaTeXe
15804 \def\LaTeXe{\@ensure@LTR{\@LaTeXe}}
15805 \long\def\@bidi@reflect@box#1{%
15806   \leavevmode
15807   \setbox\z@\hbox{#1}%
15808   \setbox\tw@\hbox{\special{x:gsave}\special{x:scale -1 1}\rlap{\copy\z@}\special{x:grestore}}
15809   \hb@xt@\wd\z@{\kern\wd\z@\box\tw@\hss}%
15810 }
15811 \def\XeTeX{\LR{\leavevmode$\smash{\hbox{X}\lower.5ex
15812   \hbox{\kern-.125em\@bidi@reflect@box{E}}\kern-.1667em \TeX}}$}}
15813 \def\XeLaTeX{\LR{\leavevmode$\smash{\hbox{X}\lower.5ex
15814   \hbox{\kern-.125em\@bidi@reflect@box{E}}\kern-.1667em \LaTeX}}$}}
15815 \let\setRL=\setRTL
15816 \let\setLR=\setLTR
15817 \let\unsetRL=\setLTR
15818 \def\RTLcases#1{\left.\vcenter{\normalbaselines\m@th
15819   \ialign{##\hfil$\quad{##}\hfil\crrcr#1\crrcr}}\right)}
15820 \def\SepMark#1{\gdef\@SepMark{\if@RTL\fi#1\if@RTL\fi}}
15821 \SepMark{.}
15822 \def\@thmcountersep{\@SepMark}
15823 \def\setRTLbibitems{\@RTLbibitemstrue\@LTRbibitemsfalse}
15824 \def\setLTRbibitems{\@LTRbibitemstrue\@RTLbibitemsfalse}
15825 \def\setdefaultbibitems{\@RTLbibitemsfalse\@LTRbibitemsfalse}
15826 \def\list#1#2{%
15827   \ifnum \@listdepth >5\relax
15828     \@toodeep
15829   \else
15830     \global\advance\@listdepth\@ne

```



```

15831 \fi
15832 \rightmargin\z@
15833 \listparindent\z@
15834 \itemindent\z@
15835 \csname @list\romannumeral\the\@listdepth\endcsname
15836 \def\@itemlabel{#1}%
15837 \let\makelabel\@mklab
15838 \@nmbrrlistfalse
15839 #2\relax
15840 \@trivlist
15841 \parskip\parsep
15842 \parindent\listparindent
15843 \advance\linewidth -\rightmargin
15844 \advance\linewidth -\leftmargin
15845 \if@bidi@list@minipage@parbox
15846 \if@RTL
15847 \advance\@totalleftmargin \leftmargin
15848 \else
15849 \advance\@totalleftmargin \rightmargin
15850 \fi
15851 \else
15852 \if@RTLtab
15853 \if@bidi@list@minipage@parbox@not@nob
15854 \if@RTL
15855 \advance\@totalleftmargin \rightmargin
15856 \else
15857 \advance\@totalleftmargin \leftmargin
15858 \fi
15859 \else
15860 \if@RTL
15861 \advance\@totalleftmargin \leftmargin
15862 \else
15863 \advance\@totalleftmargin \rightmargin
15864 \fi\fi
15865 \else
15866 \if@RTL
15867 \advance\@totalleftmargin \rightmargin
15868 \else
15869 \advance\@totalleftmargin \leftmargin
15870 \fi\fi\fi
15871 \parshape \@ne \@totalleftmargin \linewidth
15872 \ignorespaces}
15873 \def\@item[#1]{%
15874 \if@noparitem
15875 \@donoparitem
15876 \else
15877 \if@inlabel
15878 \indent \par
15879 \fi
15880 \ifhmode

```

```

15881      \unskip\unskip \par
15882    \fi
15883    \if@newlist
15884      \if@nobreak
15885        \@nbitem
15886      \else
15887        \addpenalty\@beginparpenalty
15888        \addvspace\@topsep
15889        \addvspace{-\parskip}%
15890      \fi
15891    \else
15892      \addpenalty\@itempenalty
15893      \addvspace\itemsep
15894    \fi
15895    \global\@inlabeltrue
15896  \fi
15897  \everypar{\if@bidi@list@minipage@parbox\if@RTL\else\beginL\fi\else\if@RTLtab\if@RTL\else\beginR\fi\fi}%
15898    \@minipagefalse
15899    \global\@newlistfalse
15900    \if@inlabel
15901      \global\@inlabelfalse
15902      {\setbox\z@\lastbox
15903       \ifvoid\z@
15904         \kern-\itemindent
15905       \fi}%
15906      \box\@labels
15907      \penalty\z@
15908    \fi
15909    \if@nobreak
15910      \@nobreakfalse
15911      \clubpenalty \@M
15912    \else
15913      \clubpenalty \@clubpenalty
15914      \everypar{}}%
15915    \fi}%
15916  \if@noitemarg
15917    \@noitemargfalse
15918    \if@nmbrlist
15919      \refstepcounter\@listctr
15920    \fi
15921  \fi
15922  \sbox\@tempboxa{\makelabel{#1}}%
15923  \global\setbox\@labels\hbox{%
15924    \unhbox\@labels
15925    \hskip \itemindent
15926    \hskip -\labelwidth
15927    \hskip -\labelsep
15928    \ifdim \wd\@tempboxa >\labelwidth
15929      \box\@tempboxa
15930    \else

```

```

15931     \hbox to\labelwidth {\unhbox\@tempboxa}%
15932     \fi
15933     \hskip \labelsep}%
15934     \ignorespaces}
15935 \long\def\@iiiparbox#1#2[#3]#4#5{%
15936     \leavevmode
15937     \@pboxswfalse
15938     \if@RTLtab\@bidi@list@minipage@parbox@not@nobtrue\fi
15939     \if@RTL\if#1t\@bidi@list@minipage@parboxtrue\else\if#1b\@bidi@list@minipage@parboxtrue\fi\fi
15940     \setlength\@tempdima{#4}%
15941     \@begin@tempboxa\vbox{\hsize\@tempdima\@parboxrestore#5\@@par}%
15942     \ifx\relax#2\else
15943         \setlength\@tempdimb{#2}%
15944         \edef\@parboxto{to\the\@tempdimb}%
15945     \fi
15946     \if#1b\vbox
15947     \else\if #1t\vtop
15948     \else\ifmmode\vcenter
15949     \else\@pboxswtrue $\vcenter
15950     \fi\fi\fi
15951     \@parboxto{\let\hss\vss\let\unhbox\unvbox
15952         \csname bm@#3\endcsname}%
15953     \if@pboxsw \m@th$\fi
15954     \@end@tempboxa}
15955 \newenvironment{LTRitems}
15956     {\par\@RTLfalse
15957     \if@bidi@list@minipage@parbox
15958         \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth
15959     \else \if@RTLtab\if@bidi@list@minipage@parbox@not@nob
15960         \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\else
15961         \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\fi
15962     \else \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\fi
15963     \ignorespaces}{\vskip\z@}
15964 \newenvironment{RTLitems}
15965     {\par\@RTLtrue
15966     \if@bidi@list@minipage@parbox
15967         \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth
15968     \else \if@RTLtab\if@bidi@list@minipage@parbox@not@nob
15969         \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\else
15970         \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\fi
15971     \else \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\fi
15972     \ignorespaces}{\vskip\z@}
15973 \newenvironment{LTRbibitems}
15974     {\par\@RTLfalse
15975     \if@bidi@list@minipage@parbox
15976         \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth
15977     \else \if@RTLtab\if@bidi@list@minipage@parbox@not@nob
15978         \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\else
15979         \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\fi
15980     \else \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\fi

```

```

15981             \ignorespaces}{\vskip\z@}
15982 \newenvironment{RTLbibitems}
15983     {\par\@RTLtrue
15984      \if@bidi@list@minipage@parbox
15985       \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth
15986       \else \ifRTLtab\if@bidi@list@minipage@parbox@not@nob
15987        \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\else
15988        \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\fi
15989       \else \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\fi}
15990     \ignorespaces}{\vskip\z@}
15991 \def\raggedright{%
15992   \let\\\@centercr
15993   \rightskip\z@skip\rightskip\@flushglue
15994   \parindent\z@\parfillskip\z@skip}
15995 \let\bidiorig@raggedleft\raggedleft
15996 \let\bidiorig@raggedright\raggedright
15997 \renewcommand\raggedleft{\if@bidi@list@minipage@parbox\bidiorig@raggedright\else\ifRTLtab\
15998 \renewcommand\raggedright{\if@bidi@list@minipage@parbox\bidiorig@raggedleft\else\ifRTLtab\
15999 \newcommand{\bidioraggedright}{\ifRTL\raggedleft\else\raggedright\fi}
16000 \newcommand{\bidioraggedleft}{\ifRTL\raggedright\else\raggedleft\fi}
16001 \def\centerline#1{%
16002   \ifRTL\@@line{\hss\beginR#1\endR\hss}
16003   \else\@@line{\hss#1\hss}\fi}
16004 \def\leftline#1{%
16005   \ifRTL\@@line{\beginR#1\endR\hss}
16006   \else\@@line{#1\hss}\fi}
16007 \def\rightline#1{%
16008   \ifRTL\@@line{\hss\beginR#1\endR}
16009   \else\@@line{\hss#1}\fi}
16010 \let\bidiorig@leftline\leftline
16011 \let\bidiorig@rightline\rightline
16012 \def\leftline#1{\ifhmode\ifRTL\bidiorig@rightline{#1}\else\bidiorig@leftline{#1}\fi\else\
16013 \def\rightline#1{\ifhmode\ifRTL\bidiorig@leftline{#1}\else\bidiorig@rightline{#1}\fi\else\
16014 \def\bidirlap#1{\hb@xt@\z@{\ifRTL\hss\fi#1\ifRTL\else\hss\fi}}
16015 \def\bidillap#1{\hb@xt@\z@{\ifRTL\else\hss\fi#1\ifRTL\hss\fi}}
16016 \def\hangfrom#1{\setbox\@tempboxa\hbox{#1}}%
16017   \hangindent \ifRTL-\else\fi\wd\@tempboxa\noindent\box\@tempboxa}
16018 \def\narrower{%
16019   \advance\ifRTL\rightskip\else\leftskip\fi\parindent
16020   \advance\ifRTL\leftskip\else\rightskip\fi\parindent}
16021 \def\underline#1{%
16022   \relax
16023   \ifmmode\@@underline{#1}%
16024   \else
16025     \ifRTL $\@@underline{\hbox{\beginR#1\endR}}\m@th$\relax
16026   \else
16027     $\@@underline{\hbox{#1}}\m@th$\relax\fi\fi}
16028 \ifcompatibility
16029   \let\undertext=\underline
16030 \fi

```

```

16031 \global\@RTLtabfalse
16032 \def\@tabular{\if@RTL\@RTLtabtrue\fi
16033   \leavevmode \hbox \bgroup \if@RTLtab\beginR \fi
16034   $\let\@acol\@tabacol
16035   \let\@classz\@tabclassz
16036   \let\@classiv\@tabclassiv \let\\\@tabularcr\@tabarray}
16037 \def\endtabular{\crrc\egroup\if@RTLtab\egroup\endR\egroup\fi
16038   \egroup $\if@RTLtab\endR\fi\egroup
16039   \@RTLtabfalse}
16040 \expandafter \let \csname endtabular*\endcsname = \endtabular
16041 \def\@array[#1]#2{%
16042   \if #1t\vtop \else \if#1b\vbox \else \vcenter \fi\fi
16043   \bgroup
16044   \setbox\@arstrutbox\hbox{%
16045     \vrule \@height\arraystretch\ht\strutbox
16046     \@depth\arraystretch \dp\strutbox
16047     \@width\z@}%
16048   \mkpream{#2}%
16049   \edef\@preamble{%
16050     \ialign \noexpand\@halignto
16051       \bgroup \@arstrut \@preamble \tabskip\z@skip \cr}%
16052   \let\@startpbox\@startpbox \let\@endpbox\@endpbox
16053   \let\@tabularnewline\\
16054   \let\par\@empty
16055   \let\sharp##%
16056   \set@typeset@protect
16057   \lineskip\z@skip\baselineskip\z@skip
16058   \ifhmode \@preamerr\z@ \@@par\fi
16059   \if@RTLtab\hbox\bgroup\beginR\vbox\bgroup\fi
16060   \@preamble}
16061 \def\array{\let\@acol\@arrayacol \let\@classz\@arrayclassz
16062   \let\@classiv\@arrayclassiv
16063   \let\\\@arraycr\let\@halignto\@empty\@RTLtabfalse\@tabarray}
16064 \def\@testpach#1{\@chclass \ifnum \@lastchclass=\tw@ 4 \else
16065   \ifnum \@lastchclass=3 5 \else
16066   \z@ \if #1c\@chnum \z@ \else
16067     \if \if@RTLtab#1r\else#1l\fi\@chnum \@ne \else
16068     \if \if@RTLtab#1l\else#1r\fi\@chnum \tw@ \else
16069     \@chclass \if #1l\@ne \else
16070     \if #1@\tw@ \else
16071     \if #1p3 \else \z@ \@preamerr 0\fi
16072   \fi \fi \fi \fi \fi \fi
16073 \fi}
16074 \def\bm@l{\if@RTL\hss\unhbox\@tempboxa\else\unhbox\@tempboxa\hss\fi}
16075 \def\bm@r{\if@RTL\unhbox\@tempboxa\hss\else\hss\unhbox\@tempboxa\fi}
16076 \def\bm@t{\unhbox\@tempboxa\hss}
16077 \def\bm@b{\hss\unhbox\@tempboxa}
16078 \def\@dottedtocline#1#2#3#4#5{%
16079   \ifnum #1>\c@tocdepth \else
16080     \vskip \z@ \@plus.2\p@

```

```

16081     {\if@RTL\rightskip\else\leftskip\fi #2\relax \if@RTL\leftskip\else\rightskip\fi \@tocrmar
16082     \parindent #2\relax\@afterindenttrue
16083     \interlinepenalty\@M
16084     \leavevmode
16085     \@tempdima #3\relax
16086     \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\right
16087     {#4}\nobreak
16088     \leaders\hbox{$\m@th
16089         \mkern \dotsep mu\hbox{.}\mkern \dotsep
16090         mu$}\hfill
16091     \nobreak
16092     \hb@xt@\@pnumwidth{\hfil\normalfont \normalcolor #5}}%
16093     \par}%
16094 \fi}
16095 \def\RTL@outputdblcol{%
16096 \if@firstcolumn \global\@firstcolumnfalse
16097 \global\setbox\@leftcolumn \box\@outputbox
16098 \else \global\@firstcolumntrue
16099 \setbox\@outputbox \vbox {\hbox to\textwidth {%
16100 \hskip \columnwidth
16101 \hfil \vrule width\columnseprule \hfil
16102 \hbox to\columnwidth {\box\@leftcolumn \hss}}%
16103 \hskip -\textwidth
16104 \hbox to\columnwidth{\box\@outputbox \hss}}%
16105 \hskip \columnsep
16106 \hskip \columnwidth }}%
16107 \@combinedblfloats \@outputpage
16108 \begingroup \@dblfloatplacement \@startdblcolumn
16109 \@whiles\if@fcolmade \fi
16110 {\@outputpage \@startdblcolumn }\endgroup
16111 \fi}
16112 \def\LTR@outputdblcol{%
16113 \if@firstcolumn
16114 \global \@firstcolumnfalse
16115 \global \setbox\@leftcolumn \box\@outputbox
16116 \else
16117 \global \@firstcolumntrue
16118 \setbox\@outputbox \vbox {%
16119     \hb@xt@\textwidth {%
16120         \hb@xt@\columnwidth {%
16121             \box\@leftcolumn \hss}%
16122         \hfil
16123         {\normalcolor\vrule \@width\columnseprule}%
16124         \hfil
16125         \hb@xt@\columnwidth {%
16126             \box\@outputbox \hss}%
16127         }%
16128     }%
16129 \@combinedblfloats
16130 \@outputpage

```

```

16131 \begingroup
16132 \@dblfloatplacement
16133 \@startdblcolumn
16134 \@whilesw@if@fcolmade \fi
16135 {\@outputpage
16136 \@startdblcolumn}%
16137 \endgroup
16138 \fi
16139 }
16140 \renewcommand{\@outputdblcol}{\if@RTLmain\RTL@outputdblcol\else\LTR@outputdblcol\fi}
16141 \newcommand{\RTLdblcol}{\renewcommand{\@outputdblcol}{\RTL@outputdblcol}}
16142 \newcommand{\LTRdblcol}{\renewcommand{\@outputdblcol}{\LTR@outputdblcol}}
16143 \def\LTRmarginpar{%
16144 \ifhmode
16145 \@bsphack
16146 \@floatpenalty -\@Mii
16147 \else
16148 \@floatpenalty -\@Miii
16149 \fi
16150 \ifinner
16151 \@parmoderr
16152 \@floatpenalty\z@
16153 \else
16154 \@next\@currbox\@freelist{}{}%
16155 \@next\@marbox\@freelist{global\count\@marbox\m@ne}%
16156 {\@floatpenalty\z@
16157 \@fltovf\def\@currbox{\@tempboxa}\def\@marbox{\@tempboxa}}%
16158 \fi
16159 \ifnextchar [\@LTRxmpar\@LTRYmpar}
16160 \long\def\@LTRxmpar[#1]#2{%
16161 \@LTRsavemarbox\@marbox{#1}%
16162 \@LTRsavemarbox\@currbox{#2}%
16163 \@xympar}
16164 \long\def\@LTRYmpar#1{%
16165 \@LTRsavemarbox\@marbox{#1}%
16166 \global\setbox\@currbox\copy\@marbox
16167 \@xympar}
16168 \long\def\@LTRsavemarbox #1#2{%
16169 \global\setbox #1%
16170 \color@vbox
16171 \vtop{%
16172 \hsize\marginparwidth
16173 \@parboxrestore
16174 \@LTRmarginparreset
16175 #2%
16176 \minipagefalse
16177 \outer@nobreak
16178 }%
16179 \color@endbox
16180 }

```

```

16181 \def \LTRmarginparreset {%
16182     \reset@font
16183     \normalsize
16184     \@minipagetrue
16185     \everypar{\@minipagefalse\everypar{}\beginL}%
16186 }
16187 \def\RTLmarginpar{%
16188     \ifhmode
16189         \bsphack
16190         \@floatpenalty -\@Mii
16191     \else
16192         \@floatpenalty-\@Miii
16193     \fi
16194     \ifinner
16195         \@parmoderr
16196         \@floatpenalty\z@
16197     \else
16198         \@next\@currbox\@freelist{}\{}%
16199         \@next\@marbox\@freelist{\global\count\@marbox\m@ne}%
16200         {\@floatpenalty\z@
16201         \@fltovf\def\@currbox{\@tempboxa}\def\@marbox{\@tempboxa}}%
16202     \fi
16203     \@ifnextchar [\@RTLxmpar\@RTLympar}
16204 \long\def\@RTLxmpar[#1]#2{%
16205     \@RTLSavemarbox\@marbox{#1}%
16206     \@RTLSavemarbox\@currbox{#2}%
16207     \xympar}
16208 \long\def\@RTLympar#1{%
16209     \@RTLSavemarbox\@marbox{#1}%
16210     \global\setbox\@currbox\copy\@marbox
16211     \xympar}
16212 \long\def \@RTLSavemarbox #1#2{%
16213     \global\setbox #1%
16214         \color@vbox
16215         \vtop{%
16216             \hsize\marginparwidth
16217             \@parboxrestore
16218             \LTRmarginparreset
16219             #2%
16220             \@minipagefalse
16221             \outer@nobreak
16222             }%
16223     \color@endbox
16224 }
16225 \def \@RTLmarginparreset {%
16226     \reset@font
16227     \normalsize
16228     \@minipagetrue
16229     \everypar{\@minipagefalse\everypar{}\beginR}%
16230 }

```



```

16231 \def\@addmarginpar{\@next\@marbox\@currlist{\@cons\@freelist\@marbox
16232   \@cons\@freelist\@currbox}\@latexbug\@tempcnta\@ne
16233   \if@twocolumn
16234     \if@firstcolumn \@tempcnta\m@ne \fi
16235   \else
16236     \if@mparswitch
16237       \ifodd\c@page \else\@tempcnta\m@ne \fi
16238     \fi
16239     \if@reversemargin \@tempcnta -\@tempcnta \fi
16240   \fi
16241   \ifnum\@tempcnta <\z@ \global\setbox\@marbox\box\@currbox \fi
16242   \@tempdima\@mparbottom
16243   \advance\@tempdima -\@pageht
16244   \advance\@tempdima\ht\@marbox
16245   \ifdim\@tempdima >\z@
16246     \@latex@warning@no@line {Marginpar on page \thepage\space moved}%
16247   \else
16248     \@tempdima\z@
16249   \fi
16250   \global\@mparbottom\@pageht
16251   \global\advance\@mparbottom\@tempdima
16252   \global\advance\@mparbottom\dp\@marbox
16253   \global\advance\@mparbottom\marginparpush
16254   \advance\@tempdima -\ht\@marbox
16255   \global\setbox \@marbox
16256     \vbox {\vskip \@tempdima
16257       \box \@marbox}%
16258   \global \ht\@marbox \z@
16259   \global \dp\@marbox \z@
16260   \kern -\@pagedp
16261   \nointerlineskip
16262   \hb@xt@\columnwidth
16263     {\if@RTL\if@LTRmarginpar\beginL\else\beginR\fi\else\if@RTLmarginpar\beginR\else\beginL\fi
16264     \hskip\columnwidth \hskip\marginparsep
16265     \else
16266       \hskip -\marginparsep \hskip -\marginparwidth
16267     \fi
16268     \box\@marbox \hss\if@RTL\if@LTRmarginpar\endL\else\endR\fi\else\if@RTLmarginpar\endR\fi\else\beginL\fi
16269   \nointerlineskip
16270   \hbox{\vrule \@height\z@ \@width\z@ \@depth\@pagedp}}
16271 \long\def\@ympar#1{%
16272   \@savemarbox\@marbox{\if@RTL\if@LTRmarginpar\@RTLfalse\else\@RTLtrue\fi\else\if@RTLmarginpar\@RTLtrue\fi\else\@RTLfalse\fi}
16273   \global\setbox\@currbox\copy\@marbox
16274   \@xympar}
16275 \def\setRTLmarginpar{\@RTLmarginpartrue\@LTRmarginparfalse}
16276 \def\setLTRmarginpar{\@LTRmarginpartrue\@RTLmarginparfalse}
16277 \def\setdefaultmarginpar{\@RTLmarginparfalse\@LTRmarginparfalse}
16278 \def\@stopline{\unskip\@stopfield\if@rjfield \global\@rjfieldfalse
16279   \@tempdima\@totalleftmargin \advance\@tempdima\linewidth
16280 \hbox to\@tempdima{\if@RTL\beginR\fi\@itemfudge\hskip\dimen\@curtabmar

```

```

16281 \box\@curline\hfil\box\@curfield\if@RTL\endR\fi}\else\@addfield
16282 \hbox to\linewidth{\if@RTL\beginR\fi\@itemfudge
16283 \hskip\dimen\@curtabmar\box\@curline\hfil\if@RTL\endR\fi}%
16284 \fi}
16285 \def\@outputpage{%
16286 \begingroup % the \endgroup is put in by \aftergroup
16287 \let \protect \noexpand
16288 \@resetactivechars
16289 \global\let\@if@newlist\if@newlist
16290 \global\@newlistfalse
16291 \@parboxrestore
16292 \shipout \vbox{%
16293 \set@typeset@protect
16294 \aftergroup \endgroup
16295 \aftergroup \set@typeset@protect
16296 % correct? or just restore by ending
16297 % the group?
16298 \if@specialpage
16299 \global\@specialpagefalse\@nameuse{ps@\@specialstyle}%
16300 \fi
16301 \if@twoside
16302 \ifodd\count\z@ \let\@thehead\@oddhead \let\@thefoot\@oddfoot
16303 \let\@themargin\oddsidemargin
16304 \else \let\@thehead\@evenhead
16305 \let\@thefoot\@evenfoot \let\@themargin\evensidemargin
16306 \fi
16307 \ifx\@thehead\@empty \let\@thehead\hfil \fi
16308 \ifx\@thefoot\@empty \let\@thefoot\hfil \fi
16309 \else %% not @twoside
16310 \ifx\@oddhead\@empty \let\@thehead\hfil \fi
16311 \ifx\@oddfoot\@empty \let\@thefoot\hfil \fi
16312 \fi
16313 \reset@font
16314 \normalsize
16315 \normalsfcodes
16316 \let\label\@gobble
16317 \let\index\@gobble
16318 \let\glossary\@gobble
16319 \baselineskip\z@skip \lineskip\z@skip \lineskiplimit\z@
16320 \@begindvi
16321 \vskip \topmargin
16322 \moveright\@themargin \vbox {%
16323 \setbox\@tempboxa \vbox to\headheight{%
16324 \vfil
16325 \color\hbox
16326 \normalcolor
16327 \hbxt@\textwidth{\if@RTLmain\@RTLtrue\beginR\else\@RTLfalse\beginL\fi\@thehead\if@
16328 \color@endbox
16329 }% %% 22 Feb 87
16330 \dp\@tempboxa \z@

```

```

16331      \box\@tempboxa
16332      \vskip \headsep
16333      \box\@outputbox
16334      \baselineskip \footskip
16335      \color@hbox
16336      \normalcolor
16337      \hb@xt@\textwidth{\if@RTLmain\@RTLtrue\beginR\else\@RTLfalse\beginL\fi\@thefoot\if@RTL
16338      \color@endbox
16339      }%
16340  }%
16341  \global\let\if@newlist\@if@newlist
16342  \global \colht \textheight
16343  \stepcounter{page}%
16344  \let\firstmark\botmark
16345 }
16346 \long\def\@makecaption#1#2{%
16347   \vskip\abovecaptionskip
16348   \sbox\@tempboxa{#1: #2}%
16349   \ifdim \wd\@tempboxa >\hsize
16350     \if@RTL\beginR\fi#1: #2\if@RTL\endR\fi\par
16351   \else
16352     \global \@minipagefalse
16353     \hb@xt@\hsize{\if@RTL\beginR\fi\hfil\box\@tempboxa\hfil\if@RTL\endR\fi}%
16354   \fi
16355   \vskip\belowcaptionskip}
16356 \let\@bidi@saved@eqno=\eqno
16357 \let\@bidi@saved@leqno=\leqno
16358 \def\eqno{\ifnum\predisplaydirection<\z@ \@bidi@saved@leqno \else \@bidi@saved@eqno \fi}
16359 \def\leqno{\ifnum\predisplaydirection<\z@ \@bidi@saved@eqno \else \@bidi@saved@leqno \fi}
16360 \@ifpackageloaded{amsmath}{}{}
16361 \def\@eqnnum{\normalfont \normalcolor \if@RTL\beginR\fi(\theequation)\if@RTL\endR\fi}
16362 }
16363 \input{footnote-xetex-bidi.def}
16364 \if@twocolumn
16365   \let\autofooterule\relax
16366   \let\leftfootnoterule\relax
16367   \let\rightfootnoterule\relax
16368   \textwidthfootnoterule
16369 \fi
16370 \if@bidi@csundef{\idxitem}{}{}%
16371 \renewcommand\@idxitem{\par\hangindent \if@RTL-\fi40p@}%
16372 }
16373 \@ifclassloaded{article}{\@ifclassloaded{svmult}}{\input{article-xetex-bidi.def}}{}
16374 \@ifclassloaded{extarticle}{\input{extarticle-xetex-bidi.def}}{}
16375 \@ifclassloaded{artikel1}{\input{artikel1-xetex-bidi.def}}{}
16376 \@ifclassloaded{artikel2}{\input{artikel2-xetex-bidi.def}}{}
16377 \@ifclassloaded{artikel3}{\input{artikel3-xetex-bidi.def}}{}
16378 \@ifclassloaded{amsart}{\input{amsart-xetex-bidi.def}}{}
16379 \@ifclassloaded{letter}{\input{letter-xetex-bidi.def}}{}
16380 \@ifclassloaded{scrlettr}{\input{scrlettr-xetex-bidi.def}}{}

```

```

16381 \@ifclassloaded{extletter}{\input{extletter-xetex-bidi.def}}{}
16382 \@ifclassloaded{memoir}{\input{memoir-xetex-bidi.def}}{}
16383 \@ifclassloaded{refrep}{\input{refrep-xetex-bidi.def}}{}
16384 \@ifclassloaded{extreport}{\input{extreport-xetex-bidi.def}}{}
16385 \@ifclassloaded{report}{\@ifpackageloaded{flowfram}{}{\input{report-xetex-bidi.def}}{}
16386 \@ifclassloaded{rapport1}{\input{rapport1-xetex-bidi.def}}{}
16387 \@ifclassloaded{rapport3}{\input{rapport3-xetex-bidi.def}}{}
16388 \@ifclassloaded{scrartcl}{\input{scrartcl-xetex-bidi.def}}{}
16389 \@ifclassloaded{scrbook}{\input{scrbook-xetex-bidi.def}}{}
16390 \@ifclassloaded{scrreprt}{\input{scrreprt-xetex-bidi.def}}{}
16391 \@ifclassloaded{amsbook}{\input{amsbook-xetex-bidi.def}}{}
16392 \@ifclassloaded{extbook}{\input{extbook-xetex-bidi.def}}{}
16393 \@ifclassloaded{boek}{\input{boek-xetex-bidi.def}}{}
16394 \@ifclassloaded{boek3}{\input{boek3-xetex-bidi.def}}{}
16395 \@ifclassloaded{book}{\@ifpackageloaded{flowfram}{}{\input{book-xetex-bidi.def}}{}
16396 \@ifclassloaded{bookest}{\input{bookest-xetex-bidi.def}}{}
16397 \@ifclassloaded{combine}{\input{combine-xetex-bidi.def}}{}
16398 \@ifpackageloaded{amsmath}{}{%
16399 \@iftagsloaded{leqno}{\input{leqno-xetex-bidi.def}}{}
16400 \@iftagsloaded{fleqn}{\input{fleqn-xetex-bidi.def}}{}
16401 }
16402 \@ifpackageloaded{mathtools}{\RequirePackage{graphicx}}{}
16403 \@ifpackageloaded{crop}{\RequirePackage{graphicx}}{}
16404 \@ifpackageloaded{sidecap}{\RequirePackage{ragged2e}}{}
16405 \@ifpackageloaded{floatrow}{\RequirePackage{color}}{}
16406 \@ifpackageloaded{amsmath}{\input{amsmath-xetex-bidi.def}}{}
16407 \@ifpackageloaded{amstext}{\input{amstext-xetex-bidi.def}}{}
16408 \@ifpackageloaded{amsthm}{\input{amsthm-xetex-bidi.def}}{}
16409 \@ifpackageloaded{breqn}{\input{breqn-xetex-bidi.def}}{}
16410 \@ifpackageloaded{cals}{\input{cals-xetex-bidi.def}}{}
16411 \@ifpackageloaded{caption}{\input{caption-xetex-bidi.def}}{}
16412 \@ifpackageloaded{caption3}{\input{caption3-xetex-bidi.def}}{}
16413 \@ifpackageloaded{floatrow}{\input{floatrow-xetex-bidi.def}}{}
16414 \@ifpackageloaded{crop}{\@ifclassloaded{memoir}{}{\input{crop-xetex-bidi.def}}{}
16415 \@ifpackageloaded{color}{\input{color-xetex-bidi.def}}{}
16416 \@ifpackageloaded{cutwin}{\input{cutwin-xetex-bidi.def}}{}
16417 \@ifpackageloaded{cuted}{\input{cuted-xetex-bidi.def}}{}
16418 \@ifpackageloaded{xcolor}{\input{xcolor-xetex-bidi.def}}{}
16419 \@ifpackageloaded{colortbl}{\input{colortbl-xetex-bidi.def}}{}
16420 \@ifpackageloaded{float}{\@ifpackageloaded{floatrow}{}{\input{float-xetex-bidi.def}}{}
16421 \@ifpackageloaded{flowfram}{\input{flowfram-xetex-bidi.def}}{}
16422 \@ifpackageloaded{xltextra}{\input{xltextra-xetex-bidi.def}}{}
16423 \@ifpackageloaded{wrapfig}{\input{wrapfig-xetex-bidi.def}}{}
16424 \@ifpackageloaded{graphicx}{\input{graphicx-xetex-bidi.def}}{}
16425 \@ifpackageloaded{geometry}{\input{geometry-xetex-bidi.def}}{}
16426 \@ifpackageloaded{hvfloa}{\input{hvfloa-xetex-bidi.def}}{}

16427 \@ifpackagewith{ntheorem}{amsmath}{}%
16428 \if@thmmarks
16429 \gdef\SetTagPlusEndMark{%

```

```

16430 \iftagsleft@
16431 \gdef\maketag@@@##1{%
16432 \settowidth{\tagwidth}{##1$}% % WM 17.10.2007
16433 \hbox to \tagwidth{%
16434 \hbox to \displaywidth{\m@th\normalfont\if@Latin\else\beginR\fi##1\if@Latin\el
16435 \hss\PotEndMark{\hss}}\hss}}%
16436 \else
16437 \gdef\maketag@@@##1{\hbox{\m@th\normalfont\if@Latin\else\beginR\fi##1\if@Latin\else
16438 \llap{\hss\PotEndMark{\raisebox{-1.3em}}}}}%
16439 \fi}
16440 \fi}{%
16441 \@ifpackageloaded{ntheorem}{\input{ntheorem-xetex-bidi.def}}{}
16442 \@ifpackageloaded{hyperref}{\input{hyperref-xetex-bidi.def}}{}
16443 \@ifpackageloaded{ntheorem-hyper}{\input{ntheorem-hyper-xetex-bidi.def}}{}
16444 \@ifpackageloaded{fancybox}{\input{fancybox-xetex-bidi.def}}{}
16445 \@ifpackageloaded{fancyhdr}{\input{fancyhdr-xetex-bidi.def}}{}
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16461 \@ifpackageloaded{array}{\input{array-xetex-bidi.def}}{}
16462 \@ifpackageloaded{sidecap}{\input{sidecap-xetex-bidi.def}}{}
16463 \@ifpackagewith{sidecap}{innercaption}{%
16464 \if@RTL \renewcommand*{\SC@FLOAT}[2]{%
16465 \isSC@ODD{#2}\hspace{\sidecaptionsep}{#1}} {{#1}\hspace{\sidecaptionsep}{#2}}}
16466 \renewcommand*{\SC@justify@caption{%
16467 \isSC@ODD{\RaggedRight}{\RaggedLeft}}\else
16468 \renewcommand*{\SC@FLOAT}[2]{%
16469 \isSC@ODD{#1}\hspace{\sidecaptionsep}{#2}} {{#2}\hspace{\sidecaptionsep}{#1}}}
16470 \renewcommand*{\SC@justify@caption{%
16471 \isSC@ODD{\RaggedLeft}{\RaggedRight}}\fi
16472 }{}
16473 \@ifpackagewith{sidecap}{rightcaption}{%
16474 \if@RTL\renewcommand*{\SC@FLOAT}[2]{{#1}\hspace{\sidecaptionsep}{#2}}
16475 \def\SC@justify@caption{\RaggedLeft}\else%
16476 \renewcommand*{\SC@FLOAT}[2]{{#2}\hspace{\sidecaptionsep}{#1}}
16477 \def\SC@justify@caption{\RaggedRight}\fi%
16478 }{}
16479 \@ifpackagewith{sidecap}{leftcaption}{%

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16480 \if@RTL \renewcommand*{\SC@FLOAT}[2]{\#2\hspace{\sidecaptionsep}{\#1}}
16481 \def\SC@justify@caption{\RaggedRight}\else%
16482 \renewcommand*{\SC@FLOAT}[2]{\#1\hspace{\sidecaptionsep}{\#2}}
16483 \def\SC@justify@caption{\RaggedLeft}\fi%
16484 }{}
16485 \@ifpackageloaded{stabular}{\input{stabular-xetex-bidi.def}}{}
16486 \@ifpackageloaded{subfigure}{\input{subfigure-xetex-bidi.def}}{}
16487 \@ifpackageloaded{longtable}{\input{longtable-xetex-bidi.def}}{}
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16503 \@ifpackageloaded{tocloft}{\@ifclassloaded{memoir}}{\input{tocloft-xetex-bidi.def}}{}

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7.114 xltextra-xetex-bidi.def

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16504 \ProvidesFile{xltextra-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for xltextra package for XeTeX]
16505 \let\@XeTeX\XeTeX
16506 \def\XeTeX{\@ensure@LTR{\@XeTeX}}
16507 \let\@XeLaTeX\XeLaTeX
16508 \def\XeLaTeX{\@ensure@LTR{\@XeLaTeX}}

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