



# The bidi Package

Source documentation for version 39.7

to my Master, *Ferdowsi The Great*

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 use the issue tracker:

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

In doing so, please always explain your issue well enough, and always include a minimal working example showing the issue.

You may also have conversations, ask questions and post answers without opening issues using the Discussions space:

<https://github.com/kvafa/bidi/discussions>

The announcements for the new releases of the package will also appear in the Discussions space under the Announcements category.

Copyright (c) 2007–2023 Vafa Khalighi  
Copyright (c) 2018–2020 bidi-tex GitHub Organization

Permission is granted to distribute and/or modify *both the documentation and the code* under the conditions of the L<sup>A</sup>T<sub>E</sub>X Project Public License, either version 1.3c of this license or (at your option) any later version.

# The *bidi* Package

## Bidirectional typesetting in plain $\text{T}_{\text{E}}\text{X}$ and $\text{\LaTeX}$ , using $\text{XeT}_{\text{E}}\text{X}$ engine

Source documentation for [version 39.7](#)

Vafa Khalighi\*

January 17, 2023

### Contents

1	File <code>amsart-xetex-bidi.def</code>	5	18	File <code>beamerbasecompatibility-xetex-bidi.def</code>	41
2	File <code>adjmulticol-xetex-bidi.def</code>	7	19	File <code>beamerbaseframecomponents-xetex-bidi.def</code>	41
3	File <code>algorithm2e-xetex-bidi.def</code>	8	20	File <code>beamerbaseframesize-xetex-bidi.def</code>	49
4	File <code>amsbook-xetex-bidi.def</code>	8	21	File <code>beamerbaselocalstructure-xetex-bidi.def</code>	51
5	File <code>amsmath-xetex-bidi.def</code>	11	22	File <code>beamerbasemisc-xetex-bidi.def</code>	53
6	File <code>amstext-xetex-bidi.def</code>	11	23	File <code>beamerbasenavigation-xetex-bidi.def</code>	53
7	File <code>amsthm-xetex-bidi.def</code>	11	24	File <code>beamerbaseoverlay-xetex-bidi.def</code>	55
8	File <code>array-xetex-bidi.def</code>	11	25	File <code>beamerinnerthemedefault-xetex-bidi.def</code>	55
9	File <code>article-xetex-bidi.def</code>	13	26	File <code>beamerinnerthemecircles-xetex-bidi.def</code>	59
10	File <code>artikel1-xetex-bidi.def</code>	16	27	File <code>beamerinnerthemefocus-xetex-bidi.def</code>	59
11	File <code>artikel2-xetex-bidi.def</code>	21	28	File <code>beamerinnerthemeinmargin-xetex-bidi.def</code>	60
12	File <code>artikel3-xetex-bidi.def</code>	26	29	File <code>beamerinnerthememetropolis-xetex-bidi.def</code>	62
13	File <code>arydshln-xetex-bidi.def</code>	30	30	File <code>beamerinnerthemerectangles-xetex-bidi.def</code>	65
14	File <code>beamer-xetex-bidi.def</code>	33	31	File <code>beamerinnerthemrounded-xetex-bidi.def</code>	65
15	File <code>beamerbaseauxtemplates-xetex-bidi.def</code>	33	32	File <code>beamerouterthemedefault-xetex-bidi.def</code>	65
16	File <code>beamerbaseboxes-xetex-bidi.def</code>	38	33	File <code>beamerouterthemefocus-xetex-bidi.def</code>	67
17	File <code>beamerbasecolor-xetex-bidi.def</code>	40	34	File <code>beamerouterthemeinfolines-xetex-bidi.def</code>	68

---

\*Thanks to the `bidi-tex` GitHub organization consisted of David Carlisle and other members of the  $\text{\LaTeX}$  team to maintain the package in the period 2018–2020.

35	File beamerouterthememetropolis-xetex-bidi.def	184
36	File beamerouterthememiniframes-xetex-bidi.def	188
37	File beamerouterthemesidebar-xetex-bidi.def	189
38	File beamerouterthemesplit-xetex-bidi.def	190
39	File beamerouterthemesshadow-xetex-bidi.def	190
40	File beamerouterthesmoothbars-xetex-bidi.def	190
41	File beamerouterthesmoothtree-xetex-bidi.def	191
42	File beamerouterthemetree-xetex-bidi.def	192
43	File beamerthemeHannover-xetex-bidi.def	192
44	File beamerthemeSingapore-xetex-bidi.def	194
45	File bidi.sty	79
46	File bidi.tex	85
47	File bidi2in1.sty	88
48	File bidicode.sty	89
49	File bidiftnxtra.sty	92
50	File bidimoderncv.cls	96
51	File bidi-perpage.sty	101
52	File biditools.sty	102
53	File bidituftefloat.sty	139
54	File bidituftesidenote.sty	150
55	File bidituftetoc.sty	160
56	File bidituftegeneralstructure.sty	163
57	File bidituftehyperref.sty	165
58	File biditufтетitle.sty	165
59	File biditufte-handout.cls	168
60	File biditufte-book.cls	169
61	File bidipoem.sty	170
62	File boek3-xetex-bidi.def	177
63	File boek-xetex-bidi.def	180
64	File bookest-xetex-bidi.def	183
65	File book-xetex-bidi.def	184
66	File book3-xetex-bidi.def	188
67	File book-xetex-bidi.def	189
68	File book3-xetex-bidi.def	190
69	File book3-xetex-bidi.def	190
70	File book3-xetex-bidi.def	190
71	File book3-xetex-bidi.def	191
72	File book3-xetex-bidi.def	192
73	File book3-xetex-bidi.def	192
74	File book3-xetex-bidi.def	194
75	File cuted-xetex-bidi.def	195
76	File cvthemebidicasual.sty	203
77	File cvthemebidiclassic.sty	205
78	File dblfnote-xetex-bidi.def	207
79	File diagbox-xetex-bidi.def	210
80	File draftwatermark-xetex-bidi.def	212
81	File eso-pic-xetex-bidi.def	212
82	File empheq-xetex-bidi.def	213
83	File extarticle-xetex-bidi.def	216
84	File extbook-xetex-bidi.def	220
85	File extletter-xetex-bidi.def	223
86	File extrafootnotefeatures-xetex-bidi.def	224
87	File extreport-xetex-bidi.def	294
88	File fancybox-xetex-bidi.def	297
89	File fancyhdr-xetex-bidi.def	298
90	File fix2col-xetex-bidi.def	298
91	File fleqn-xetex-bidi.def	300
92	File float-xetex-bidi.def	300
93	File floatrow-xetex-bidi.def	300
94	File flowfram-xetex-bidi.def	301



95 File footnote-xetex-bidi.def	303	125File overpic-xetex-bidi.def	383
96 File footnotebackref-xetex-bidi.def	310	126File pdfbase-xetex-bidi.def	384
97 File framed-xetex-bidi.def	311	127File pdfscape-xetex-bidi.def	384
98 File ftnright-xetex-bidi.def	314	128File pdfpages-xetex-bidi.def	385
99 File graphicx-xetex-bidi.def	319	129File pgfcorescopes.code-xetex-bidi.def	386
100File geometry-xetex-bidi.def	321	130File pgfsys.code-xetex-bidi.def	387
101File hvfloat-xetex-bidi.def	322	131File picinpar-xetex-bidi.def	387
102File hyperref-xetex-bidi.def	328	132File plain-xetex-bidi.def	389
103File imspdoc-xetex-bidi.def	340	133File pstricks-xetex-bidi.def	391
104File leqno-xetex-bidi.def	341	134File quotchap-xetex-bidi.def	392
105File letter-xetex-bidi.def	342	135File ragged2e-xetex-bidi.def	393
106File lettrine-xetex-bidi.def	342	136File rapport1-xetex-bidi.def	395
107File lineno-xetex-bidi.def	345	137File rapport3-xetex-bidi.def	399
108File listings-xetex-bidi.def	345	138File refrep-xetex-bidi.def	405
109File loadingorder-xetex-bidi.def	347	139File report-xetex-bidi.def	408
110File longtable-xetex-bidi.def	353	140File rotating-xetex-bidi.def	412
111File lscape-xetex-bidi.def	355	141File scrartcl-xetex-bidi.def	414
112File mathtools-xetex-bidi.def	356	142File scrbook-xetex-bidi.def	428
113File mdframed-xetex-bidi.def	356	143File screprpt-xetex-bidi.def	442
114File bidi-media9.sty	358	144File sidecap-xetex-bidi.def	457
115File memoir-xetex-bidi.def	368	145File soul-xetex-bidi.def	457
116File midfloat-xetex-bidi.def	371	146File stabular-xetex-bidi.def	458
117File minitoc-xetex-bidi.def	376	147File subfigure-xetex-bidi.def	459
118File multicols-xetex-bidi.def	377	148File tabs-xetex-bidi.def	459
119File multienum-xetex-bidi.def	380	149File tabularx-xetex-bidi.def	459
120File natbib-xetex-bidi.def	381	150File tabulary-xetex-bidi.def	461
121File newfloat-xetex-bidi.def	381	151File tc-xetex-bidi.def	461
122File nicematrix-xetex-bidi.def	382	152File tcolorbox-xetex-bidi.def	462
123File ntheorem-xetex-bidi.def	382	153File titlesec-xetex-bidi.def	462
124File ntheorem-hyper-xetex-bidi.def	383	154File titletoc-xetex-bidi.def	463



155	File tocbibind-xetex-bidi.def	464	160	File wrapfig-xetex-bidi.def	493
156	File tocloft-xetex-bidi.def	465	161	File xcolor-xetex-bidi.def	494
157	File tocbasic-xetex-bidi.def	471	162	File latex-xetex-bidi.def	496
158	File tocstyle-xetex-bidi.def	486	163	File xltextra-xetex-bidi.def	514
159	File todonotes-xetex-bidi.def	490	164	Index	515



## 1 File amsart-xetex-bidi.def

```

1 \ProvidesFile{amsart-xetex-bidi.def}[2017/08/09 v1.1 bidi adaptations for amsart class for X
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@ \if@RTL\righskip\else\leftskip\fi#3\relax \advance\if@RTL\righskip\else\
13    \if@RTL\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\if@RTL\raggedleft\else\raggedright\fi}}
26 \def\right@footnoterule{%
27   \kern-.4\p@
28   \hbox to \columnwidth{\hskip \dimexpr\columnwidth-5pc\relax \hrulefill }
29   \kern11\p@\kern-\footnotesep}
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     \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
37     \reset@font%
38     \bidi@footnotetext@font% \normalfont\footnotesize
39     \interlinepenalty\interfootnotelinepenalty
40     \splittopskip\footnotesep \splitmaxdepth \dp\strutbox
41     \floatingpenalty\@MM \hsize\columnwidth
42     \@parboxrestore \parindent\normalparindent \sloppy
43     \protected@edef\@currentlabel{%
44       \csname p@footnote\endcsname\@thefnmark}%
45     \@makefntext{%
46       \rule\z@\footnotesep\ignorespaces#1\unskip\strut\par}}%
47
48 \long\def\@RTLfootnotetext#1{%
49   \insert\footins{%
50     \@RTLtrue%
51     \reset@font%
52     \bidi@RTLfootnotetext@font% \normalfont\footnotesize

```



```

53 \interlinepenalty\interfootnotelinepenalty
54 \splittopskip\footnotesep \splitmaxdepth \dp\strutbox
55 \floatingpenalty\@MM \hsize\columnwidth
56 \@parboxrestore \parindent\normalparindent \sloppy
57 \protected@edef\@currentlabel{%
58 \csname p@footnote\endcsname\@thefnmark}%
59 \@makefnmark%
60 \rule{z@\footnotesep\ignorespaces#1\unskip\strut\par}}
61
62
63
64 \long\def\@LTRfootnotetext#1{%
65 \insert\footins{%
66 \RTLfalse%
67 \reset@font%
68 \bidi@LTRfootnotetext@font% \normalfont\footnotesize
69 \interlinepenalty\interfootnotelinepenalty
70 \splittopskip\footnotesep \splitmaxdepth \dp\strutbox
71 \floatingpenalty\@MM \hsize\columnwidth
72 \@parboxrestore \parindent\normalparindent \sloppy
73 \protected@edef\@currentlabel{%
74 \csname p@footnote\endcsname\@thefnmark}%
75 \@makefnmark%
76 \rule{z@\footnotesep\ignorespaces#1\unskip\strut\par}}}
77
78
79 \footdir@temp\footdir@ORG@bidi@amsart@footnotetext\@footnotetext{\bidi@footdir@footnote}%
80 \footdir@temp\footdir@ORG@bidi@amsart@RTLfootnotetext\@RTLfootnotetext{R}%
81 \footdir@temp\footdir@ORG@bidi@amsart@LTRfootnotetext\@LTRfootnotetext{L}%
82
83 \renewenvironment{thebibliography}[1]{%
84 \@bibtitlestyle
85 \normalfont\bibliofont\labelsep .5em\relax
86 \renewcommand\theenumiv{\arabic{enumiv}}\let\p@enumiv\@empty
87 \ifRTL\ifLTR\bibitems\@RTLfalse\else\fi\else\ifRTL\bibitems\@RTLtrue\else\fi\fi
88 \bidi@thebibliography@font@hook%
89 \list{\@biblabel{\theenumiv}}{\settowidth\labelwidth{\@biblabel{#1}}%
90 \leftmargin\labelwidth \advance\leftmargin\labelsep
91 \usecounter{enumiv}}%
92 \sloppy \clubpenalty\@M \widowpenalty\clubpenalty
93 \sfcode`\.=\@m
94 }{%
95 \def\@noitemerr{\@latex@warning{Empty `thebibliography' environment}}%
96 \endlist
97 }
98 \def\theindex{\@restonecoltrue\if@twocolumn\@restonecolfalse\fi
99 \columnseprule{z@ \columnsep 35\p@
100 \@indextitlestyle
101 \thispagestyle{plain}%
102 \let\item\@idxitem
103 \parindent{z@ \parskip{z@\@plus.3\p@}\relax
104 \ifRTL\raggedleft\else\raggedright\fi
105 \hyphenpenalty\@M
106 \footnotesize}

```



```

107 \def\@idxitem{\par\hangindent \if@RTL-\fi2em}
108 \def\subitem{\par\hangindent \if@RTL-\fi2em\hspace*{1em}}
109 \def\subsubitem{\par\hangindent \if@RTL-\fi3em\hspace*{2em}}
110 \def\maketitle{\par
111   \@topnum\z@ % this prevents figures from falling at the top of page 1
112   \@setcopyright
113   \thispagestyle{firstpage}% this sets first page specifications
114   \uppercasenonmath\shorttitle
115   \ifx\@empty\shortauthors \let\shortauthors\shorttitle
116   \else \andify\shortauthors
117   \fi
118   \@maketitle@hook
119   \begingroup
120   \@maketitle
121   \toks@{\exp{\shortauthors}\@temptokena\exp{\shorttitle}}%
122   \toks4{\def\{\ \ignorespaces}}% defend against questionable usage
123   \edef\@tempa{%
124     \@nx\markboth{\the\toks4
125       \@nx\MakeUppercase{\the\toks@}}{\the\@temptokena}}%
126   \@tempa
127   \endgroup
128   \c@footnote\z@
129   \cleartopmattertags
130 }

```

## 2 File adjmulticol-xetex-bidi.def

```

131 \ProvidesFile{adjmulticol-xetex-bidi.def}[2015/04/25 v0.1 bidi adaptations for adjmulticol p
132 \def\adjmulticols#1#2#3{\col@number#1\relax
133   \def\@tempa{#2}%
134   \ifx\@tempa\@empty\adjmc@inner\z@\else\adjmc@inner#2\fi
135   \def\@tempa{#3}%
136   \ifx\@tempa\@empty\adjmc@outer\z@\else\adjmc@outer#3\fi
137   \ifnum\col@number<\@ne
138     \PackageWarning{adjmulticol}%
139       {Using '\number\col@number'
140        columns doesn't seem a good idea.^^J
141        I therefore use one columns instead}%
142     \col@number\@ne\fi
143   \ifnum\col@number>10
144     \PackageError{adjmulticol}%
145       {Too many columns}%
146       {Current implementation doesn't
147        support more than 10 columns.%
148       \MessageBreak
149        I therefore use 10 columns instead}%
150     \col@number10 \fi
151   \ifx\@footnotetext\mult@footnotetext\else
152     \let\orig@footnotetext\@footnotetext
153     \let\@footnotetext\mult@footnotetext
154   \fi
155   \ifx\@LTRfootnotetext\mult@LTRfootnotetext\else
156     \let\orig@LTRfootnotetext\@LTRfootnotetext
157     \let\@LTRfootnotetext\mult@LTRfootnotetext

```



```

158 \fi
159 \ifx\@RTLfootnotetext\mult@RTLfootnotetext\else
160 \let\orig@RTLfootnotetext\@RTLfootnotetext
161 \let\@RTLfootnotetext\mult@RTLfootnotetext
162 \fi
163 \@ifnextchar[\adjmult@cols{\adjmult@cols[]}]{}
164 \let\adjmc@page@sofar@orig=\page@sofar

```

### 3 File algorithm2e-xetex-bidi.def

```

165 \ProvidesFile{algorithm2e-xetex-bidi.def}[2018/09/23 v0.2 bidi adaptations for algorithm2e p
166 \expandafter\ifx\c@algocf\@within\endcsname\relax% if \algocf@within doesn't exist
167 \else%
168 \renewcommand\thealgocf{\c@algocf\@within\endcsname\@SepMark\@arabic\c@algocf}%
169 \fi
170 \@ifpackageloaded{color}{%
171 \bidi@patchcmd{\@algocf@start}{\bgroup}{%
172 \bgroup
173 \if@RTL
174 \beginR
175 \else
176 \beginL
177 \fi
178 }{}{}
179 \bidi@patchcmd{\@algocf@finish}{\egroup\end{lrbox}}{%
180 \if@RTL
181 \endR
182 \else
183 \endL
184 \fi
185 \egroup
186 \end{lrbox}}%
187 }{}{}
188 \bidi@patchcmd{\algocf@makecaption}{\hbox}{%
189 \if@RTL
190 \hboxR
191 \else
192 \hboxL
193 \fi
194 }{}{}
195 }

```

### 4 File amsbook-xetex-bidi.def

```

196 \ProvidesFile{amsbook-xetex-bidi.def}[2017/08/09 v1.2 bidi adaptations for amsbook class for
197 \def\@tocline#1#2#3#4#5#6#7{\relax
198 \ifnum #1>\c@tocdepth % then omit
199 \else
200 \par \addpenalty\@secpenalty\addvspace{#2}%
201 \begingroup \hyphenpenalty\@M
202 \@ifempty{#4}{%
203 \@tempdima\c@tocindent\number#1\endcsname\relax
204 }{}%
205 \@tempdima#4\relax

```



```

206    }%
207    \parindent\z@ \if@RTL\righskip\else\leftskip\fi#3\relax \advance\if@RTL\righskip\else\
208    \if@RTL\leftskip\else\righskip\fi\@pnumwidth plus4em \parfillskip-\@pnumwidth
209    #5\leavevmode\hskip-\@tempdima #6\nobreak\relax
210    \hfil\hbox to\@pnumwidth{\@tocpagenum{#7}}\par
211    \nobreak
212    \endgroup
213    \fi}
214 \renewcommand\thesubsection    {\thesection\@SepMark\arabic{subsection}}
215 \renewcommand\thesubsubsection {\thesubsection \@SepMark\arabic{subsubsection}}
216 \renewcommand\theparagraph    {\thesubsubsection\@SepMark\arabic{paragraph}}
217 \renewcommand\thesubparagraph {\theparagraph\@SepMark\arabic{subparagraph}}
218 \def\theindex{\@restonecoltrue\if@twocolumn\@restonecolfalse\fi
219   \columnseprule\z@ \columnsep 35\p@
220   \@indextitlestyle
221   \thispagestyle{plain}%
222   \let\item\@idxitem
223   \parindent\z@ \parskip\z@\@plus.3\p@\relax
224   \if@RTL\raggedleft\else\raggedright\fi
225   \hyphenpenalty\@M
226   \footnotesize}
227 \def\@idxitem{\par\hangindent \if@RTL-\fi2em}
228 \def\subitem{\par\hangindent \if@RTL-\fi2em\hspace*{1em}}
229 \def\subsubitem{\par\hangindent \if@RTL-\fi3em\hspace*{2em}}
230 \def\right@footnoterule{%
231   \kern-.4\p@
232   \hbox to \columnwidth{\hskip \dimexpr\columnwidth-5pc\relax \hrulefill }
233   \kern11\p@\kern-\footnotesep}
234 \def\left@footnoterule{\kern-.4\p@
235   \hrule\@width 5pc\kern11\p@\kern-\footnotesep}
236
237 \long\def\@footnotetext#1{%
238   \insert\footins{%
239     \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
240     \reset@font%
241     \bidi@@footnotetext@font% \normalfont\footnotesize
242     \interlinepenalty\interfootnotelinepenalty
243     \splittopskip\footnotesep \splitmaxdepth \dp\strutbox
244     \floatingpenalty\@MM \hsize\columnwidth
245     \@parboxrestore \parindent\normalparindent \sloppy
246     \protected@edef\@currentlabel{%
247       \csname p@footnote\endcsname\@thefnmark}%
248     \@makefntext{%
249       \rule\z@\footnotesep\ignorespaces#1\unskip\strut\par}}
250
251 \long\def\@RTLfootnotetext#1{%
252   \insert\footins{%
253     \@RTLtrue%
254     \reset@font%
255     \bidi@@RTLfootnotetext@font% \normalfont\footnotesize
256     \interlinepenalty\interfootnotelinepenalty
257     \splittopskip\footnotesep \splitmaxdepth \dp\strutbox
258     \floatingpenalty\@MM \hsize\columnwidth
259     \@parboxrestore \parindent\normalparindent \sloppy

```



```

260 \protected@edef\@currentlabel{%
261 \csname p@footnote\endcsname\@thefnmark}%
262 \@makefnfntext{%
263 \rule\z@\footnotesep\ignorespaces#1\unskip\strut\par}}
264
265
266 \long\def\@LTRfootnotetext#1{%
267 \insert\footins{%
268 \RTLfalse%
269 \reset@font%
270 \bidi@L@LTRfootnotetext@font% \normalfont\footnotesize
271 \interlinepenalty\interfootnotelinepenalty
272 \splittopskip\footnotesep \splitmaxdepth \dp\strutbox
273 \floatingpenalty\@MM \hsize\columnwidth
274 \@parboxrestore \parindent\normalparindent \sloppy
275 \protected@edef\@currentlabel{%
276 \csname p@footnote\endcsname\@thefnmark}%
277 \@makefnfntext{%
278 \rule\z@\footnotesep\ignorespaces#1\unskip\strut\par}}
279
280
281
282 \footdir@temp\footdir@ORG@bidi@amsbook@footnotetext\@footnotetext{\bidi@footdir@footnote}%
283 \footdir@temp\footdir@ORG@bidi@amsbook@RTLfootnotetext\@RTLfootnotetext{R}%
284 \footdir@temp\footdir@ORG@bidi@amsbook@LTRfootnotetext\@LTRfootnotetext{L}%
285
286 \renewenvironment{thebibliography}[1]{%
287 \@bibtitlestyle
288 \normalfont\bibliofont\labelsep .5em\relax
289 \renewcommand\theenumiv{\arabic{enumiv}}\let\p@enumiv\@empty
290 \ifRTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
291 \bidi@thebibliography@font@hook%
292 \list{\@biblabel{\theenumiv}}{\settowidth\labelwidth{\@biblabel{#1}}%
293 \leftmargin\labelwidth \advance\leftmargin\labelsep
294 \usecounter{enumiv}}%
295 \sloppy \clubpenalty\@M \widowpenalty\clubpenalty
296 \sfcode`\.=\@m
297 }{%
298 \def\@noitemerr{\@latex@warning{Empty `thebibliography' environment}}%
299 \endlist
300 }
301 \def\@makechapterhead#1{\global\topskip 7.5pc\relax
302 \begingroup
303 \fontsize{\@xivpt}{18}\bfseries\centering
304 \ifnum\c@secnumdepth>\m@ne
305 \leavevmode \hskip-\ifRTL\rightskip\else\leftskip\fi
306 \rlap{\vbox to\z@{\vss
307 \centerline{\normalsize\mdseries
308 \uppercase\@xp{\chaptername}\enspace\thechapter}
309 \vskip 3pc}}\hskip\ifRTL\rightskip\else\leftskip\fi\fi
310 #1\par \endgroup
311 \skip@34\p@ \advance\skip@-\normalbaselineskip
312 \vskip\skip@ }
313 \def\maketitle{\par

```



```

314 \@topnum\z@ % this prevents figures from falling at the top of page 1
315 \begingroup
316 \@maketitle
317 \endgroup
318 \c@footnote\z@
319 \def\do##1{\let##1\relax}%
320 \do\maketitle \do\@maketitle \do\title \do\@xtitle \do\@title
321 \do\author \do\@xauthor \do\address \do\@xaddress
322 \do\email \do\@xemail \do\curraddr \do\@xcurraddr
323 \do\dedicatory \do\@dedicatory \do\thanks \do\thankses
324 \do\keywords \do\@keywords \do\subjclass \do\@subjclass
325 }

```

## 5 File amsmath-xetex-bidi.def

```

326 \ProvidesFile{amsmath-xetex-bidi.def}[2020/05/16 v1.2 bidi adaptations for amsmath package f
327 \let\veqno=\eqno
328 \iftagsleft@ \let\veqno=\leqno \fi
329 \renewcommand{\numberwithin}[3][\arabic]{%
330   \ifundefined{c@#2}{\@nocounterr{#2}}{%
331     \ifundefined{c@#3}{\@nocnterr{#3}}{%
332       \@addtoreset{#2}{#3}%
333       \@xp\xdef\csname the#2\endcsname{%
334         \@xp\@nx\csname the#3\endcsname \@nx\@SepMark\@nx#1{#2}}}%
335   }
336 \def\tagform@#1{\maketag@@@{\if@nonlatin\beginR\fi(\kern\z@\ignorespaces#1\unskip\@italicco
337
338 \bidi@patchcmd\math@cr@@@align\place@tag{%
339   \place@tag
340   \else
341     \place@tag
342 }{}{}
343

```

## 6 File amstext-xetex-bidi.def

```

344 \ProvidesFile{amstext-xetex-bidi.def}[2016/09/12 v0.2 bidi adaptations for amstext package f
345 \def\textdef@#1#2#3{\hbox{%
346   \everymath{#1}%
347   \let\fontsize#2\selectfont
348   \if@nonlatin\beginR\fi#3\if@nonlatin\endR\fi}}}

```

## 7 File amsthm-xetex-bidi.def

```

349 \ProvidesFile{amsthm-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for amsthm package for
350 \def\@thmcountersep{\@SepMark}

```

## 8 File array-xetex-bidi.def

```

351 \ProvidesFile{array-xetex-bidi.def}[2015/11/07 v0.3 bidi adaptations for array package for X
352 \def\@testpach{\@chclass
353   \ifnum \@lastchclass=6 \@ne \@chnum \@ne \else
354   \ifnum \@lastchclass=7 5 \else
355   \ifnum \@lastchclass=8 \tw@ \else

```



```

356 \ifnum \@lastchclass=9 \thr@@
357 \else \z@
358 \ifnum \@lastchclass = 10 \else
359 \edef\@nextchar{\expandafter\string\@nextchar}%
360 \@chnum
361 \if \@nextchar c\z@ \else
362 \if \@nextchar \if@RTLtab r\else l\fi\@ne \else
363 \if \@nextchar \if@RTLtab l\else r\fi\tw@ \else
364 \z@ \@chclass
365 \if\@nextchar |\@ne \else
366 \if \@nextchar !6 \else
367 \if \@nextchar @7 \else
368 \if \@nextchar <8 \else
369 \if \@nextchar >9 \else
370 10
371 \@chnum
372 \if \@nextchar m\thr@@\else
373 \if \@nextchar p4 \else
374 \if \@nextchar b5 \else
375 \z@ \@chclass \z@ \@preamerr \z@ \fi \fi \fi \fi
376 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi
377 \def\@tabular{%
378 \leavevmode
379 \hbox \bgroup\if@RTLtab\beginR \fi $\col@sep\tabcolsep \let\d@llarbegin\beginR
380 \let\d@llarend\endR\endgroup
381 \@tabarray}
382 \def\endtabular{\endarray $\if@RTLtab\endR\fi\egroup}
383 \expandafter\let\csname endtabular*\endcsname=\endtabular
384 \def\@array[#1]#2{%
385 \@tempdima \ht \strutbox
386 \advance \@tempdima by\extrarowheight
387 \setbox \@arstrutbox \hbox{\vrule
388 \@height \arraystretch \@tempdima
389 \@depth \arraystretch \dp \strutbox
390 \@width \z@}%
391 \beginR
392 \mkpream{#2}%
393 \xdef\@preamble{\noexpand \ialign \@halignto
394 \bgroup \@arstrut \@preamble
395 \tabskip \z@ \cr}%
396 \endgroup
397 \@arrayleft
398 \if #1t\vtop \else \if#1b\vbox \else \vcenter \fi \fi
399 \bgroup
400 \let \@sharp ##\let \protect \relax
401 \lineskip \z@
402 \baselineskip \z@
403 \m@th
404 \let\\\@arraycr \let\tabularnewline\\\let\par\@empty \if@RTLtab\hbox\bgroup\beginR\@hboxRo
405 \def\@tabarray{\@ifnextchar{\@array}{\@array[c]}}
406 \def\endarray{\cr\egroup\if@RTLtab\egroup\endR\egroup\fi \egroup \@arrayright \gdef\@prea
407 \def\array{\col@sep\arraycolsep
408 \def\d@llarbegin{$}\let\d@llarend\d@llarbegin\gdef\@halignto{}}%
409 \@RTLtabfalse\@tabarray}

```



## 9 File article-xetex-bidi.def

```

410 \ProvidesFile{article-xetex-bidi.def}[2017/06/09 v0.6 bidi adaptations for standard article]
411 \if@titlepage
412   \renewcommand\maketitle{\begin{titlepage}%
413     \let\footnotesize\small
414     \let\right@footnoterule\relax
415     \let\left@footnoterule\relax
416     \let\textwidth@footnoterule\relax
417     \let \footnote \thanks
418     \let \LTRfootnote \LTRthanks
419     \let \RTLfootnote \RTLthanks
420     \null\vfil
421     \vskip 60\p@
422     \begin{center}%
423       {\LARGE \@title \par}%
424       \vskip 3em%
425       {\large
426         \lineskip .75em%
427         \begin{tabular}[t]{c}%
428           \@author
429         \end{tabular}\par}%
430       \vskip 1.5em%
431       {\large \@date \par}%           % Set date in \large size.
432     \end{center}\par
433     \@thanks
434     \vfil\null
435   \end{titlepage}%
436   \setcounter{footnote}{0}%
437   \global\let\thanks\relax
438   \global\let\LTRthanks\relax
439   \global\let\RTLthanks\relax
440   \global\let\maketitle\relax
441   \global\let\@thanks\@empty
442   \global\let\@author\@empty
443   \global\let\@date\@empty
444   \global\let\@title\@empty
445   \global\let\title\relax
446   \global\let\author\relax
447   \global\let\date\relax
448   \global\let\and\relax
449 }
450 \else
451 \renewcommand\maketitle{\par
452   \begingroup
453     \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
454     \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
455     \long\def\@makefntext##1{\parindent 1em\noindent
456       \hb@xt@1.8em{%
457         \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
458     \if@twocolumn
459       \ifnum \col@number=\@ne
460         \@maketitle
461       \else

```



```

462     \twocolumn[\@maketitle]%
463     \fi
464     \else
465     \newpage
466     \global\@topnum\z@    % Prevents figures from going at top of page.
467     \@maketitle
468     \fi
469     \thispagestyle{plain}\@thanks
470 \endgroup
471 \setcounter{footnote}{0}%
472 \global\let\thanks\relax
473 \global\let\LTRthanks\relax
474 \global\let\RTLthanks\relax
475 \global\let\maketitle\relax
476 \global\let\@maketitle\relax
477 \global\let\@thanks\@empty
478 \global\let\@author\@empty
479 \global\let\@date\@empty
480 \global\let\@title\@empty
481 \global\let\title\relax
482 \global\let\author\relax
483 \global\let\date\relax
484 \global\let\and\relax
485 }
486 \def\@maketitle{%
487   \newpage
488   \null
489   \vskip 2em%
490   \begin{center}%
491     \let \footnote \thanks
492     \let \LTRfootnote \LTRthanks
493     \let \RTLfootnote \RTLthanks
494     {\LARGE \@title \par}%
495     \vskip 1.5em%
496     {\large
497       \lineskip .5em%
498       \begin{tabular}[t]{c}%
499         \@author
500       \end{tabular}\par}%
501     \vskip 1em%
502     {\large \@date}%
503   \end{center}%
504   \par
505   \vskip 1.5em}
506 \fi
507 \renewcommand*\l@part[2]{%
508   \ifnum \c@tocdepth >-2\relax
509     \addpenalty\@secpenalty
510     \addvspace{2.25em \@plus\p@}%
511     \setlength\@tempdima{3em}%
512     \begingroup
513       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
514       \parfillskip -\@pnumwidth
515       {\leavevmode

```



```

516     \large \bfseries #1\hfil \hb@xt@{\pnumwidth{\hss #2}}\par
517     \nobreak
518     \if@compatibility
519         \global\@nobreaktrue
520         \everypar{\global\@nobreakfalse\everypar{}}%
521     \fi
522 \endgroup
523 \fi}
524 \renewcommand*\l@section[2]{%
525 \ifnum \c@tocdepth >\z@
526     \addpenalty\@secpenalty
527     \addvspace{1.0em \@plus\p@}%
528     \setlength\@tempdima{1.5em}%
529     \begingroup
530         \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
531         \parfillskip -\@pnumwidth
532         \leavevmode \bfseries
533         \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
534         \hskip -\if@RTL\rightskip\else\leftskip\fi
535         #1\nobreak\hfil \nobreak\hb@xt@{\pnumwidth{\hss #2}}\par
536     \endgroup
537 \fi}
538 \renewcommand\left@footnoterule{%
539 \kern-3\p@
540 \hrule\@width.4\columnwidth
541 \kern2.6\p@}
542 \renewcommand\right@footnoterule{%
543 \kern-3\p@
544 \hbox to \columnwidth{\hskip .6\columnwidth \hrulefill }
545 \kern2.6\p@}
546 \renewcommand\thesubsection {\thesection\@SepMark\@arabic\c@subsection}
547 \renewcommand\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
548 \renewcommand\theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
549 \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}
550 \def\@part[#1]#2{%
551     \ifnum \c@secnumdepth >\m@ne
552         \refstepcounter{part}%
553         \addcontentsline{toc}{part}{\thepart\hspace{1em}#1}%
554     \else
555         \addcontentsline{toc}{part}{#1}%
556     \fi
557     {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
558     \interlinepenalty \@M
559     \normalfont
560     \ifnum \c@secnumdepth >\m@ne
561         \Large\bfseries \partname\nobreakspace\thepart
562         \par\nobreak
563     \fi
564     \huge \bfseries #2%
565     \markboth{}{}\par}%
566 \nobreak
567 \vskip 3ex
568 \@afterheading}
569 \renewenvironment{thebibliography}[1]

```



```

570 {\section*{\refname}%
571 \mkboth{\MakeUppercase\refname}{\MakeUppercase\refname}%
572 \ifRTL\ifLTRbibitems\RTLfalse\else\fi\else\ifRTLbibitems\RTLtrue\else\fi\fi
573 \bidi@thebibliography@font@hook%
574 \list{\@biblabel{\@arabic\c@enumiv}}%
575 {\settowidth\labelwidth{\@biblabel{#1}}%
576 \leftmargin\labelwidth
577 \advance\leftmargin\labelsep
578 \openbib@code
579 \usecounter{enumiv}%
580 \let\p@enumiv\@empty
581 \renewcommand\theenumiv{\@arabic\c@enumiv}}%
582 \sloppy
583 \clubpenalty4000
584 \@clubpenalty \clubpenalty
585 \widowpenalty4000%
586 \sfcode\.\@m}
587 {\def\@noitemerr
588 {\@latex@warning{Empty `thebibliography' environment}}}%
589 \endlist}
590 \renewenvironment{theindex}
591 {\if@twocolumn
592 \restonecolfalse
593 \else
594 \restonecoltrue
595 \fi
596 \columnseprule \z@
597 \columnsep 35\p@
598 \twocolumn[\section*{\indexname}]%
599 \mkboth{\MakeUppercase\indexname}%
600 {\MakeUppercase\indexname}%
601 \thispagestyle{plain}\parindent\z@
602 \parskip\z@ \@plus .3\p@\relax
603 \let\item\@idxitem}
604 {\if@restonecol\onecolumn\else\clearpage\fi}

```

## 10 File artikel1-xetex-bidi.def

```

605 \ProvidesFile{artikel1-xetex-bidi.def}[2017/06/09 v0.4 bidi adaptations for artikel1 class f
606 \renewenvironment{theindex}{%
607 \if@twocolumn
608 \restonecolfalse
609 \else
610 \restonecoltrue
611 \fi
612 \columnseprule \z@
613 \columnsep 35\p@
614 \twocolumn[\section*{\indexname}]%
615 \mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}%
616 \thispagestyle{plain}\parindent\z@
617 \parskip\z@ \@plus .3\p@\relax
618 \let\item\@idxitem
619 }{%
620 \if@restonecol\onecolumn\else\clearpage\fi}

```



```

621 \renewcommand*\head@style{%
622     \interlinepenalty \@M
623     \hyphenpenalty=\@M \exhyphenpenalty=\@M
624     \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}
625 \if@titlepage
626     \renewenvironment{abstract}{%
627         \titlepage
628         \null\vfil
629         \section*{\SectFont\abstractname}
630         \noindent\ignorespaces}
631     {\par\vfil\null\endtitlepage}
632 \else
633     \renewenvironment{abstract}{%
634         \if@twocolumn
635             \section*{\abstractname}%
636         \else
637             \bgroup\if@RTL\leftskip\else\rightskip\fi=\unitindent
638             \section*{\small\SectFont\abstractname}%
639             \noindent\ignorespaces
640             \fi}
641     {\if@twocolumn\else\par\egroup\fi}
642 \fi
643 \renewcommand*\@regtocline[3]{%
644     \ifnum #1>\c@tocdepth
645     \else
646         \vskip\z@\@plus.2\p@
647         {\hangindent\z@ \@afterindenttrue \interlinepenalty\@M
648         \if@RTL\rightskip\else\leftskip\fi\unitindent
649         \if@RTL\leftskip\else\rightskip\fi\unitindent\@plus 1fil
650         \parfillskip\z@
651         \@tempdima\unitindent
652         \parindent\z@
653         \leavevmode
654         \hbox{} \hskip -\if@RTL\rightskip\else\leftskip\fi\relax#2\nobreak
655         \hskip 1em \nobreak{\slshape #3}\par
656         }%
657     \fi}
658 \if@oldtoc
659 \renewcommand*\l@part[2]{%
660     \ifnum \c@tocdepth >-2\relax
661         \addpenalty\@secpenalty
662         \addvspace{2.25em \@plus\p@}%
663         \begingroup
664             \setlength\@tempdima{3em}%
665             \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
666             \parfillskip -\@pnumwidth
667             {\leavevmode
668                 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
669                 \nobreak
670                 \if@compatibility
671                     \global\@nobreaktrue
672                 \everypar{\global\@nobreakfalse\everypar{}}%
673             \fi
674         \endgroup

```



```

675 \fi}
676 \else
677 \renewcommand*\l@part{%
678 \ifnum \c@tocdepth >-2\relax
679 \addpenalty\@secpenalty
680 \addvspace{2.25em \@plus \p@}%
681 \@regtocline{0}%
682 \fi}
683 \fi
684 \if@oldtoc
685 \renewcommand*\l@section[2]{%
686 \addpenalty\@secpenalty
687 \addvspace{1.0em \@plus \p@}%
688 \setlength\@tempdima{1.5em}%
689 \begingroup
690 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
691 \parfillskip -\@pnumwidth
692 \leavevmode \bfseries
693 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
694 \hskip -\if@RTL\rightskip\else\leftskip\fi
695 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
696 \endgroup}
697 \else
698 \renewcommand*\l@section{\@regtocline{1}}
699 \fi
700 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@subsection}
701 \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
702 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
703 \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic\c@subparagraph}
704 \renewenvironment{thebibliography}[1]
705 {\section*\refname}%
706 \@mkboth{\MakeUppercase\refname}{\MakeUppercase\refname}%
707 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
708 \bidi\@thebibliography@font@hook%
709 \list{\@biblabel{\@arabic\c@enumiv}}%
710 {\settowidth\labelwidth{\@biblabel{#1}}%
711 \leftmargin\labelwidth
712 \advance\leftmargin\labelsep
713 \@openbib@code
714 \usecounter{enumiv}%
715 \let\p@enumiv\@empty
716 \renewcommand*\theenumiv{\@arabic\c@enumiv}}%
717 \sloppy\clubpenalty4000\widowpenalty4000%
718 \sfcode`. \@m}
719 {\def\@noitemerr
720 {\@latex@warning{Empty `thebibliography' environment}}}%
721 \endlist}
722 \renewcommand*\left@footnoterule{%
723 \kern-3\p@
724 \kern.5\baselineskip
725 \hrule\@width\unitindent
726 \kern.4\baselineskip
727 }
728 \renewcommand*\right@footnoterule{%

```



```

729 \kern-3\p@
730 \kern.5\baselineskip
731 \hbox to \columnwidth{\hskip \dimexpr\columnwidth-\unitindent\relax \hrulefill }
732 \kern.4\baselineskip}
733 \if@titlepage
734 \renewcommand*{\TitleFont{\rmfamily}
735 \renewcommand*{\maketitle{%
736 \begin{titlepage}%
737 \let\footnotesize\small
738 \let\right@footnoterule\relax
739 \let\left@footnoterule\relax
740 \let\textwidth@footnoterule\relax
741 \let \footnote \thanks
742 \long\def\@makefntext##1{\parindent\z@
743 \def\labelitemi{\textendash}\@revlabeltrue
744 \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
745 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
746 \if@compatibility\setcounter{page}{0}\fi
747 \null\vfil
748 \vskip 60\p@
749 \begin{center}%
750 \TitleFont
751 {\LARGE \def\{\penalty -\@M}
752 \if@allcaps
753 \expandafter\uc@nothanks\@title\thanks\relax
754 \else
755 \@title
756 \fi\par}%
757 \vskip 3em%
758 {\large
759 \lineskip .75em \parindent\z@
760 \begin{tabular}[t]{c}%
761 \if@allcaps
762 \expandafter\uc@authornothanks\@author\and\relax
763 \else
764 \@author
765 \fi
766 \end{tabular}\par}%
767 \vskip 1.5em%
768 {\large
769 \if@allcaps
770 \uppercase\expandafter{\@date}%
771 \else
772 \@date
773 \fi\par}%
774 \end{center}\par
775 \@thanks
776 \vfil\null
777 \end{titlepage}%
778 \setcounter{footnote}{0}%
779 \global\let\thanks\relax
780 \global\let\maketitle\relax
781 \global\let\@thanks\@empty
782 \global\let\@author\@empty

```



```

783 \global\let\@title\@empty
784 \global\let\@date\@empty
785 \global\let\title\relax
786 \global\let\author\relax
787 \global\let\date\relax
788 \global\let\and\relax
789 }
790 \def\uc@nothanks#1\thanks{\uppercase{#1}\futurelet\@tempa\uc@tx}
791 \def\uc@authornothanks#1\and{\uc@nothanks#1\thanks\relax
792 \futurelet\@tempa\uc@ax}
793 \def\uc@ax{%
794 \ifx\@tempa\relax
795 \else
796 \\\andname \\\expandafter\uc@authornothanks
797 \fi}
798 \def\uc@tx{\ifx\@tempa\relax
799 \else \expandafter\uc@ty \fi}
800 \def\uc@ty#1{\thanks{#1}\uc@nothanks}
801 \else
802 \renewcommand*\maketitle{\par
803 \begingroup
804 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
805 \def\@makefnmark{\rlap{%
806 \@textsuperscript{\normalfont\@thefnmark}}}%
807 \long\def\@makefntext{\@xmakefntext{%
808 \@textsuperscript{\normalfont\@thefnmark}}}%
809 \iftwocolumn
810 \ifnum \col@number=\@ne
811 \@maketitle
812 \else
813 \twocolumn[\@maketitle]%
814 \fi
815 \else
816 \newpage
817 \global\@topnum\z@
818 \@maketitle
819 \fi
820 \thispagestyle{plain}\@thanks
821 \endgroup
822 \setcounter{footnote}{0}%
823 \global\let\thanks\relax
824 \global\let\maketitle\relax
825 \global\let\@maketitle\relax
826 \global\let\@thanks\@empty
827 \global\let\@author\@empty
828 \global\let\@title\@empty
829 \global\let\@date\@empty
830 \global\let\title\relax
831 \global\let\author\relax
832 \global\let\date\relax
833 \global\let\and\relax
834 }
835 \def\@maketitle{%
836 \newpage

```



```

837 \null
838 \vskip 2em%
839 \begin{center}%
840   \let \footnote \thanks
841   {\LARGE \TitleFont \@title \par}%
842   \vskip 1.5em%
843   {\large \TitleFont
844     \lineskip .5em%
845     \begin{tabular}[t]{c}%
846       \@author
847     \end{tabular}\par}%
848   \vskip 1em%
849   {\large \TitleFont \@date}%
850 \end{center}%
851 \par
852 \vskip 1.5em}
853 \fi

```

## 11 File artikel2-xetex-bidi.def

```

854 \ProvidesFile{artikel2-xetex-bidi.def}[2017/06/09 v0.4 bidi adaptations for artikel2 class f
855 \renewenvironment{theindex}{%
856   \if@twocolumn
857     \@restonecolfalse
858   \else
859     \@restonecoltrue
860   \fi
861   \columnseprule \z@
862   \columnsep 35\p@
863   \twocolumn[\section*{\indexname}]%
864   \@mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}%
865   \thispagestyle{plain}\parindent\z@
866   \parskip\z@ \@plus .3\p@\relax
867   \let\item\@idxitem
868 }{%
869   \if@restonecol\onecolumn\else\clearpage\fi}
870 \renewcommand*{\@regtocline}[3]{%
871   \ifnum #1>\c@tocdepth
872   \else
873     \vskip\z@ \@plus.2\p@
874     {\hangindent\z@ \@afterindenttrue \interlinepenalty\@M
875       \if@RTL\righskip\else\leftskip\fi\unitindent
876       \if@RTL\leftskip\else\righskip\fi\unitindent\@plus 1fil
877       \parfillskip\z@
878       \@tempdima\unitindent
879       \advance\@tempdima by \othermargin
880       \parindent\z@
881       \leavevmode
882       \hbox{\hskip -\if@RTL\righskip\else\leftskip\fi\relax#2\nobreak
883         \hskip 1em \nobreak{\slshape #3}\par
884       }%
885   \fi}
886 \if@oldtoc
887 \renewcommand*\l@section[2]{%

```



```

888 \addpenalty\@secpenalty
889 \addvspace{1.0em \@plus\p@}%
890 \setlength\@tempdima{1.5em}%
891 \begingroup
892 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
893 \parfillskip -\@pnumwidth
894 \leavevmode \bfseries
895 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
896 \hskip -\if@RTL\rightskip\else\leftskip\fi
897 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
898 \endgroup}
899 \else
900 \renewcommand*\l@section{\@regtocline{1}}
901 \fi
902 \if@oldtoc
903 \renewcommand*\l@part[2]{%
904 \ifnum \c@tocdepth >-2\relax
905 \addpenalty\@secpenalty
906 \addvspace{2.25em \@plus\p@}%
907 \begingroup
908 \setlength\@tempdima{3em}%
909 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
910 \parfillskip -\@pnumwidth
911 {\leavevmode
912 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
913 \nobreak
914 \if@compatibility
915 \global\@nobreaktrue
916 \everypar{\global\@nobreakfalse\everypar{}}%
917 \fi
918 \endgroup
919 \fi}
920 \else
921 \renewcommand*\l@part{%
922 \ifnum \c@tocdepth >-2\relax
923 \addpenalty\@secpenalty
924 \addvspace{2.25em \@plus\p@}%
925 \@regtocline{0}%
926 \fi}
927 \fi
928 \renewcommand*\head@style{%
929 \interlinepenalty \@M
930 \hyphenpenalty=\@M \exhyphenpenalty=\@M
931 \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}
932 \if@titlepage
933 \renewenvironment{abstract}{%
934 \titlepage
935 \null\vfil
936 \section*{\SectFont\abstractname}%
937 \noindent\ignorespaces}
938 {\par\vfil\null\endtitlepage}
939 \else
940 \renewenvironment{abstract}{%
941 \if@twocolumn

```



```

942     \section*{\abstractname}%
943   \else
944     \section*{\hskip\unitindent\small\SectFont\abstractname}%
945     \list*{\setlength\listparindent{\unitindent}%
946           \setlength\parindent    {\z@}%
947           \setlength\leftmargin   {\unitindent}%
948           \setlength\rightmargin  {\unitindent}%
949           \setlength\parsep      {\z@}}%
950     \item[]%
951   \fi}
952   {\if@twocolumn\else\par\endlist\fi}
953 \fi
954 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@subsection}
955 \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
956 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
957 \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic\c@subparagraph}
958 \renewcommand*\left@footnoterule{%
959   \kern-3\p@
960   \hrule\@width 3\unitindent
961   \kern 2.6\p@
962 }
963 \renewcommand*\right@footnoterule{%
964   \kern-3\p@
965   \hbox to \columnwidth{\hskip \dimexpr\columnwidth-3\unitindent\relax \hrulefill }
966   \kern 2.6\p@}
967 \renewenvironment{thebibliography}[1]
968   {\section*{\refname}%
969     \@mkboth{\MakeUppercase\refname}{\MakeUppercase\refname}%
970     \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
971     \bidi@thebibliography@font@hook%
972     \list{\@biblabel{\@arabic\c@enumiv}}%
973           {\settowidth\labelwidth{\@biblabel{#1}}%
974           \leftmargin\labelwidth
975           \advance\leftmargin\labelsep
976           \@openbib@code
977           \usecounter{enumiv}%
978           \let\p@enumiv\@empty
979           \renewcommand*\theenumiv{\@arabic\c@enumiv}}%
980     \sloppy\clubpenalty4000\widowpenalty4000%
981     \sfcode\`.\@m}
982   {\def\@noitemerr
983     {\@latex@warning{Empty `thebibliography' environment}}%
984     \endlist}
985 \if@titlepage
986 \renewcommand*\TitleFont{\rmfamily}
987 \renewcommand*\maketitle{%
988   \begin{titlepage}%
989     \let\footnotesize\small
990     \let\right@footnoterule\relax
991     \let\left@footnoterule\relax
992     \let\textwidth\footnoterule\relax
993     \let \footnote \thanks
994     \long\def\@makefntext##1{\parindent\z@
995       \def\labelitemi{\textendash}\@revlabeltrue

```



```

996      \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
997      \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
998      \if@compatibility\setcounter{page}{0}\fi
999      \null\vfil
1000     \vskip 60\p@
1001     \begin{center}%
1002       \TitleFont
1003       {\LARGE \def\\{\penalty -\@M}
1004         \if@allcaps
1005           \expandafter\uc@nothanks\@title\thanks\relax
1006         \else
1007           \@title
1008           \fi\par}%
1009     \vskip 3em%
1010     {\large
1011       \lineskip .75em \parindent\z@
1012       \begin{tabular}[t]{c}%
1013         \if@allcaps
1014           \expandafter\uc@authornothanks\@author\and\relax
1015         \else
1016           \@author
1017         \fi
1018       \end{tabular}\par}%
1019     \vskip 1.5em%
1020     {\large
1021       \if@allcaps
1022         \uppercase\expandafter{\@date}%
1023       \else
1024         \@date
1025       \fi\par}%
1026     \end{center}\par
1027     \@thanks
1028     \vfil\null
1029   \end{titlepage}%
1030   \setcounter{footnote}{0}%
1031   \global\let\thanks\relax
1032   \global\let\maketitle\relax
1033   \global\let\@thanks\@empty
1034   \global\let\@author\@empty
1035   \global\let\@title\@empty
1036   \global\let\@date\@empty
1037   \global\let\title\relax
1038   \global\let\author\relax
1039   \global\let\date\relax
1040   \global\let\and\relax
1041 }
1042 \def\uc@nothanks#1\thanks{\uppercase{#1}\futurelet\@tempa\uc@tx}
1043 \def\uc@authornothanks#1\and{\uc@nothanks#1\thanks\relax
1044   \futurelet\@tempa\uc@ax}
1045 \def\uc@ax{%
1046   \ifx\@tempa\relax
1047   \else
1048     \ \andname \ \ \expandafter\uc@authornothanks
1049   \fi}

```



```

1050 \def\uc@tx{\ifx\@tempa\relax
1051     \else \expandafter\uc@ty \fi}
1052 \def\uc@ty#1{\thanks{#1}\uc@nothanks}
1053 \else
1054 \renewcommand*\maketitle{\par
1055     \begingroup
1056     \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
1057     \long\def\@makefntext##1{\parindent\z@
1058         \def\labelitemi{\textendash}%
1059         \leavevmode\hb@xt@.5\unitindent{%
1060             \@textsuperscript{\normalfont\@thefnmark}\hfil}##1}
1061     \if@twocolumn
1062         \ifnum \col@number=\@one
1063             \@maketitle
1064         \else
1065             \twocolumn[\@maketitle]%
1066         \fi
1067     \else
1068         \newpage
1069         \global\@topnum\z@
1070         \@maketitle
1071     \fi
1072     \thispagestyle{plain}\@thanks
1073 \endgroup
1074 \setcounter{footnote}{0}%
1075 \global\let\thanks\relax
1076 \global\let\maketitle\relax
1077 \global\let\@maketitle\relax
1078 \global\let\@thanks\@empty
1079 \global\let\@author\@empty
1080 \global\let\@title\@empty
1081 \global\let\@date\@empty
1082 \global\let\title\relax
1083 \global\let\author\relax
1084 \global\let\date\relax
1085 \global\let\and\relax
1086 }
1087 \def\@maketitle{%
1088     \newpage
1089     \null
1090     \vskip 2em%
1091     \begin{center}%
1092         \let \footnote \thanks
1093         {\LARGE \TitleFont \@title \par}%
1094         \vskip 1.5em%
1095         {\large \TitleFont
1096             \lineskip .5em%
1097             \begin{tabular}[t]{c}%
1098                 \@author
1099             \end{tabular}\par}%
1100         \vskip 1em%
1101         {\large \TitleFont \@date}%
1102     \end{center}%
1103     \par

```



```

1104 \vskip 1.5em}
1105 \fi

```

## 12 File artikel3-xetex-bidi.def

```

1106 \ProvidesFile{artikel3-xetex-bidi.def}[2017/06/09 v0.5 bidi adaptations for artikel3 class f
1107 \renewenvironment{theindex}{\%
1108 \if@twocolumn
1109 \@restonecolfalse
1110 \else
1111 \@restonecoltrue
1112 \fi
1113 \columnseprule \z@
1114 \columnsep 35\p@
1115 \twocolumn[\section*{\indexname}]\%
1116 \mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}\%
1117 \thispagestyle{plain}\parindent\z@
1118 \parskip\z@ \@plus .3\p@\relax
1119 \let\item\@idxitem
1120 }\%
1121 \if@restonecol\onecolumn\else\clearpage\fi}
1122 \renewcommand*{\head@style}{\%
1123 \interlinepenalty \@M
1124 \hyphenpenalty=\@M \exhyphenpenalty=\@M
1125 \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}
1126 \renewcommand*{\regtocline}[3]{\%
1127 \ifnum #1>\c@tocdepth
1128 \else
1129 \vskip\z@ \@plus .2\p@
1130 {\hangindent\z@ \@afterindenttrue \interlinepenalty \@M
1131 \if@RTL\rightskip\else\leftskip\fi\unitindent
1132 \if@RTL\leftskip\else\rightskip\fi\unitindent \@plus 1fil
1133 \parfillskip\z@
1134 \@tempdima\unitindent
1135 \parindent\z@
1136 \leavevmode
1137 \hbox{} \hskip -\if@RTL\rightskip\else\leftskip\fi\relax#2\nobreak
1138 \hskip 1em \nobreak{\slshape #3}\par
1139 }\%
1140 \fi}
1141 \if@oldtoc
1142 \renewcommand*{\l@part}[2]{\%
1143 \ifnum \c@tocdepth >-2\relax
1144 \addpenalty\@secpenalty
1145 \addvspace{2.25em \@plus\p@}\%
1146 \begingroup
1147 \setlength{\tempdima}{3em}\%
1148 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
1149 \parfillskip -\@pnumwidth
1150 {\leavevmode
1151 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
1152 \nobreak
1153 \if@compatibility
1154 \global\@nobreaktrue

```



```

1155     \everypar{\global\@nobreakfalse\everypar{}}%
1156     \fi
1157   \endgroup
1158 \fi}
1159 \else
1160   \renewcommand*\l@part{%
1161     \ifnum \c@tocdepth >-2\relax
1162       \addpenalty\@secpenalty
1163       \addvspace{2.25em \@plus \p@}%
1164       \@regtocline{0}%
1165     \fi}
1166 \fi
1167
1168 \if@oldtoc
1169 \renewcommand*\l@section[2]{%
1170   \addpenalty\@secpenalty
1171   \addvspace{1.0em \@plus \p@}%
1172   \setlength\@tempdima{1.5em}%
1173   \begingroup
1174   \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
1175   \parfillskip -\@pnumwidth
1176   \leavevmode \bfseries
1177   \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima
1178   \hskip -\if@RTL\rightskip\else\leftskip\fi
1179   #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
1180   \endgroup}
1181 \else
1182   \renewcommand*\l@section{\@regtocline{1}}
1183 \fi
1184 \if@titlepage
1185   \renewenvironment{abstract}{%
1186     \titlepage
1187     \null\vfil
1188     \section*{\SectFont\abstractname}%
1189     \noindent\ignorespaces}
1190     {\par\vfil\null\endtitlepage}
1191 \else
1192   \renewenvironment{abstract}{%
1193     \if@twocolumn
1194       \section*{\abstractname}%
1195     \else
1196       \bgroup\if@RTL\leftskip\else\rightskip\fi=\unitindent
1197       \section*{\small\SectFont\abstractname}%
1198       \noindent\ignorespaces
1199     \fi}
1200     {\if@twocolumn\else\par\egroup\fi}
1201 \fi
1202 \renewcommand*\left@footnoterule{%
1203   \kern-3\p@
1204   \kern.5\baselineskip
1205   \hrule\@width\unitindent
1206   \kern.4\baselineskip
1207 }
1208 \renewcommand*\right@footnoterule{%

```



```

1209 \kern-3\p@
1210 \kern.5\baselineskip
1211 \hbox to \columnwidth{\hskip \dimexpr\columnwidth-\unitindent\relax \hrulefill }
1212 \kern.4\baselineskip}
1213 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@section}
1214 \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
1215 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
1216 \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic\c@subparagraph}
1217 \renewenvironment{thebibliography}[1]
1218     {\section*\refname}%
1219     \@mkboth{\MakeUppercase\refname}{\MakeUppercase\refname}%
1220     \ifRTL\ifLTRbibitems\@RTLfalse\else\fi\else\ifRTLbibitems\@RTLtrue\else\fi\fi
1221     \bidi@thebibliography@font@hook%
1222     \list{\@biblabel{\@arabic\c@enumiv}}%
1223         {\settowidth\labelwidth{\@biblabel{#1}}%
1224         \leftmargin\labelwidth
1225         \advance\leftmargin\labelsep
1226         \@openbib@code
1227         \usecounter{enumiv}%
1228         \let\p@enumiv\@empty
1229         \renewcommand*\theenumiv{\@arabic\c@enumiv}}%
1230     \sloppy\clubpenalty4000\widowpenalty4000%
1231     \sfcode`. \@m}
1232     {\def\@noitemerr
1233     {\@latex@warning{Empty `thebibliography' environment}}}%
1234     \endlist}
1235 \if@titlepage
1236 \renewcommand*\TitleFont{\rmfamily}
1237 \renewcommand*\maketitle{%
1238 \begin{titlepage}%
1239 \let\footnotesize\small
1240 \let\right@footnoterule\relax
1241 \let\left@footnoterule\relax
1242 \let\textwidth\footnoterule\relax
1243 \let \footnote \thanks
1244 \long\def\@makefntext##1{\parindent\z@
1245 \def\labelitemi{\textendash}\@revlabeltrue
1246 \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
1247 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
1248 \if@compatibility\setcounter{page}{0}\fi
1249 \null\vfil
1250 \vskip 60\p@
1251 \begin{center}%
1252 \TitleFont
1253 {\LARGE \def\\{\penalty -\@M}
1254 \if@allcaps
1255 \expandafter\uc@nothanks\@title\thanks\relax
1256 \else
1257 \@title
1258 \fi\par}%
1259 \vskip 3em%
1260 {\large
1261 \lineskip .75em \parindent\z@
1262 \begin{tabular}[t]{c}%

```



```

1263         \if@allcaps
1264         \expandafter\uc@authornothanks \@author\and\relax
1265         \else
1266         \@author
1267         \fi
1268     \end{tabular}\par}%
1269 \vskip 1.5em%
1270 {\large
1271     \if@allcaps
1272     \uppercase\expandafter{\@date}%
1273     \else
1274     \@date
1275     \fi\par}%
1276 \end{center}\par
1277 \@thanks
1278 \vfil\null
1279 \end{titlepage}%
1280 \setcounter{footnote}{0}%
1281 \global\let\thanks\relax
1282 \global\let\maketitle\relax
1283 \global\let\@thanks\@empty
1284 \global\let\@author\@empty
1285 \global\let\@title\@empty
1286 \global\let\@date\@empty
1287 \global\let\title\relax
1288 \global\let\author\relax
1289 \global\let\date\relax
1290 \global\let\and\relax
1291 }
1292 \def\uc@nothanks#1\thanks{\uppercase{#1}\futurelet\@tempa\uc@tx}
1293 \def\uc@authornothanks#1\and{\uc@nothanks#1\thanks\relax
1294     \futurelet\@tempa\uc@ax}%
1295 \def\uc@ax{%
1296     \ifx\@tempa\relax
1297     \else
1298     \ \andname \ \ \expandafter\uc@authornothanks
1299     \fi}
1300 \def\uc@tx{\ifx\@tempa\relax
1301     \else \expandafter\uc@ty \fi}
1302 \def\uc@ty#1{\thanks{#1}\uc@nothanks}
1303 \else
1304 \renewcommand*\maketitle{\par
1305     \begin{group}
1306     \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
1307     \def\@makefnmark{\rlap{%
1308         \@textsuperscript{\normalfont\@thefnmark}}}%
1309     \long\def\@makefntext{\@xmakefntext{%
1310         \@textsuperscript{\normalfont\@thefnmark}}}%
1311     \if@twocolumn
1312     \ifnum \col@number=\@ne
1313     \@maketitle
1314     \else
1315     \twocolumn[\@maketitle]%
1316     \fi

```



```

1317 \else
1318 \newpage
1319 \global\@topnum\z@
1320 \@maketitle
1321 \fi
1322 \thispagestyle{plain}\@thanks
1323 \endgroup
1324 \setcounter{footnote}{0}%
1325 \global\let\thanks\relax
1326 \global\let\maketitle\relax
1327 \global\let\@maketitle\relax
1328 \global\let\@thanks\@empty
1329 \global\let\@author\@empty
1330 \global\let\@title\@empty
1331 \global\let\@date\@empty
1332 \global\let\title\relax
1333 \global\let\author\relax
1334 \global\let\date\relax
1335 \global\let\and\relax
1336 }
1337 \def\@maketitle{%
1338 \newpage
1339 \null
1340 \vskip 2em%
1341 \if@titlecentered
1342 \begin{center}%
1343 \let \footnote \thanks
1344 {\LARGE \TitleFont \@title \par}%
1345 \vskip 1.5em%
1346 {\large \TitleFont
1347 \lineskip .5em%
1348 \begin{tabular}[t]{c}%
1349 \@author
1350 \end{tabular}\par}%
1351 \vskip 1em%
1352 {\large \TitleFont \@date}%
1353 \end{center}%
1354 \else
1355 {\LARGE \TitleFont \head@style \@title \par} \vskip 1.5em
1356 {\large \TitleFont \lineskip .5em \tabcolsep\z@
1357 \def\and{%% \begin{tabular} has already started
1358 \end{tabular}\hskip 1em plus .17fil
1359 \if@RTL\begin{tabular}[t]{r}\else\begin{tabular}[t]{l}\fi}% \end{tabular}%
1360 \if@RTL\begin{tabular}[t]{r}\else\begin{tabular}[t]{l}\fi\@author\end{tabular}%
1361 \vskip 1em {\large \TitleFont \@date}
1362 \fi
1363 \par
1364 \vskip 1.5em}
1365 \fi

```

### 13 File arydshln-xetex-bidi.def

```

1366 \ProvidesFile{arydshln-xetex-bidi.def}[2010/08/01 v0.2 bidi adaptations for arydshln package]
1367 \def\endarray{\adl@endarray \egroup \adl@arrayrestore \if@RTL\begin{array}\endR\egroup\fi\egroup

```



```

1368 \def\endtabular{\endarray $\if@RTLtab\endR\fi\egroup}
1369 \expandafter\let\csname endtabular*\endcsname\endtabular
1370 \let\adl@array\@array
1371 \def\@array{\adl@everyvbox\everyvbox
1372     \everyvbox{\adl@arrayinit \the\adl@everyvbox \everyvbox\adl@everyvbox}%
1373     \ifadl@inactive \adl@inactivate \else \adl@activate \fi
1374     \let\adl@noalign\noalign
1375     \adl@array}
1376 \ifadl@usingarypkg
1377 \def\@testpach{\@chclass
1378 \ifnum \@lastchclass=6 \@ne \@chnum \@ne \else
1379 \ifnum \@lastchclass=7 5 \else
1380 \ifnum \@lastchclass=8 \tw@ \else
1381 \ifnum \@lastchclass=9 \thr@@
1382 \else \z@
1383 \ifnum \@lastchclass = 10 \else
1384 \edef\@nextchar{\expandafter\string\@nextchar}%
1385 \@chnum
1386 \if \@nextchar c\z@ \else
1387 \if \@nextchar \if@RTLtab r\else l\fi\@ne \else
1388 \if \@nextchar \if@RTLtab l\else r\fi\tw@ \else
1389 \z@ \@chclass
1390 \if \@nextchar |\@ne \let\@arrayrule\adl@arrayrule \else
1391 \if \@nextchar : \@ne \let\@arrayrule\adl@arraydashrule \else
1392 \if \@nextchar ; \@ne \let\@arrayrule\adl@argarraydashrule \else
1393 \if \@nextchar !6 \else
1394 \if \@nextchar @7 \else
1395 \if \@nextchar <8 \else
1396 \if \@nextchar >9 \else
1397 10
1398 \@chnum
1399 \if \@nextchar m\thr@@\else
1400 \if \@nextchar p4 \else
1401 \if \@nextchar b5 \else
1402 \z@ \@chclass \z@ \@preamerr \z@ \fi \fi \fi \fi \fi \fi
1403 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi}
1404
1405 \def\@classz{\@classx
1406     \@tempcnta \count@
1407     \prepnext@tok
1408     \@addtopreamble{\ifcase \@chnum
1409         \hfil
1410         \adl@putlrc{\d@llarbegin \insert@column \d@llarend}\hfil \or
1411         \hskip1sp\adl@putlrc{\d@llarbegin \insert@column \d@llarend}\hfil \or
1412         \hfil\hskip1sp\adl@putlrc{\d@llarbegin \insert@column \d@llarend}\or
1413         \setbox\adl@box\hbox \adl@startmbox{\@nextchar}\insert@column
1414         \adl@endmbox\or
1415         \setbox\adl@box\vtop \@startpbox{\@nextchar}\insert@column \@endpbox \or
1416         \setbox\adl@box\vbox \@startpbox{\@nextchar}\insert@column \@endpbox
1417         \fi}\prepnext@tok}
1418 \def\adl@class@start{4}
1419 \def\adl@class@iiiorvii{7}
1420
1421 \else

```



```

1422 \def\@testpach#1{\@chclass \ifnum \@lastchclass=\tw@ 4\relax \else
1423     \ifnum \@lastchclass=\thr@@ 5\relax \else
1424         \z@ \if #1c\@chnum \z@ \else
1425             \if \if@RTLtab#1r\else#1l\fi\@chnum \@one \else
1426             \if \if@RTLtab#1l\else#1r\fi\@chnum \tw@ \else
1427         \@chclass
1428             \if #1|\@one \let\@arrayrule\adl@arrayrule \else
1429             \if #1:\@one \let\@arrayrule\adl@arraydashrule \else
1430             \if #1;\@one \let\@arrayrule\adl@argarraydashrule \else
1431             \if #1@\tw@ \else
1432             \if #1p\thr@@ \else \z@ \@preamerr 0\fi
1433     \fi \fi \fi \fi \fi \fi \fi \fi \fi}
1434
1435 \def\@arrayclassz{\ifcase \@lastchclass \@acolampacol \or \@ampacol \or
1436     \or \or \@addamp \or
1437     \@acolampacol \or \@firststampfalse \@acol \fi
1438     \edef\@preamble{\@preamble
1439         \ifcase \@chnum
1440             \hfil\adl@putlrc{\$ \relax \@sharp$}\hfil
1441             \or \adl@putlrc{\$ \relax \@sharp$}\hfil
1442             \or \hfil\adl@putlrc{\$ \relax \@sharp$}\fi}}
1443 \def\@tabclassz{\ifcase \@lastchclass \@acolampacol \or \@ampacol \or
1444     \or \or \@addamp \or
1445     \@acolampacol \or \@firststampfalse \@acol \fi
1446     \edef\@preamble{\@preamble
1447         \ifcase \@chnum
1448             \hfil\adl@putlrc{\@sharp\unskip}\hfil
1449             \or \adl@putlrc{\@sharp\unskip}\hfil
1450             \or \hfil\hskip\z@ \adl@putlrc{\@sharp\unskip}\fi}}
1451 \def\adl@class@start{6}
1452 \def\adl@class@iiiorvii{3}
1453 \fi
1454 \ifpackageloaded{colortbl}{%
1455 \def\adl@inactivate{\adl@org@inactivate \let\CT@setup\adl@CT@setup}
1456 \def\adl@activate{\adl@org@activate \let\CT@setup\adl@act@CT@setup
1457     \let\@endpbox\adl@org@endpbox}
1458 \let\adl@CT@setup\CT@setup
1459 \def\CT@setup{\adl@CT@setup
1460     \@tempdima\ht\z@ \advance\@tempdima\minrowclearance
1461     \ifdim\adl@height<\@tempdima \global\adl@height\@tempdima \fi
1462     \ifdim\adl@depth<\dp\z@ \global\adl@depth\dp\z@\fi}
1463 \let\adl@act@CT@setup\CT@setup
1464 \def\@classz{\@classx
1465     \@tempcnta\count@ \prepnext@tok
1466     \expandafter\CT@extract\the\toks\@tempcnta\columncolor!\@nil
1467     \expandafter\adl@extract@arc\the\toks\@tempcnta\arrayrulecolor!\@nil
1468     \expandafter\adl@extract@drsc
1469         \the\toks\@tempcnta\doublerulesepcolor!\@nil
1470     \expandafter\adl@extract@dgc\the\toks\@tempcnta\dashgapcolor!\@nil
1471     \@addtopreamble{\if@RTL\beginL\fi%
1472         \setbox\z@\hbox\bgroup\bgroup\if@RTL\beginR\fi
1473         \ifcase \@chnum
1474             \hskip\stretch{.5}\kern\z@
1475             \dollarbegin

```



```

1476             \insert@column
1477             \d@llarend\hskip\stretch{.5}%
1478         \or \d@llarbegin \insert@column \d@llarend \hfill
1479         \or \hfill \kern\z@ \d@llarbegin \insert@column \d@llarend
1480         \or $\vcenter
1481             \@startpbox{\@nextchar}\insert@column \@endpbox $\%
1482         \or \vtop \@startpbox{\@nextchar}\insert@column \@endpbox
1483         \or \vbox \@startpbox{\@nextchar}\insert@column \@endpbox
1484         \fi
1485     \if@RTL\endR\fi\egroup\egroup
1486     \beginngroup
1487         \CT@setup
1488         \CT@column@color
1489         \CT@row@color
1490         \CT@cell@color
1491         \CT@do@color
1492     \endgroup
1493     \@tempdima\ht\z@
1494     \advance\@tempdima\minrowclearance
1495     \vrule\@height\@tempdima\@width\z@
1496     \unhbox\z@\if@RTL\endL\fi}%
1497     \prepnext@tok}
1498 \let\adl@act@classz\@classz
1499 \let\adl@org@classz\@classz
1500 }{}

```

## 14 File beamer-xetex-bidi.def

```

1501 \ProvidesFile{beamer-xetex-bidi.def}[2022/06/07 v0.3 bidi adaptations for beamer class for Xe
1502 \AtBeginDocument{%
1503     \if@RTLmain
1504         \raggedleft
1505     \else
1506         \raggedright
1507     \fi
1508 }
1509
1510 \renewcommand*{\bidi@beamer@ragged}{%
1511     \if@RTL
1512         \raggedleft
1513     \else
1514         \raggedright
1515     \fi
1516 }
1517
1518

```

## 15 File beamerbaseauxtemplates-xetex-bidi.def

```

1519 \ProvidesFile{beamerbaseauxtemplates-xetex-bidi.def}[2022/06/06 v0.2 bidi adaptations for be
1520 \bidi@csundef{beamer@tmpop@section in toc@circle}
1521
1522 \bidi@csundef{beamer@tmpop@subsection in toc@circle}
1523

```



```

1524 \bidi@csundef{beamer@@tmpop@subsubsection in toc@circle}
1525
1526 \defbeamertemplate{section in toc}{circle}
1527 {\leavevmode\bidi@beamer@leftskip=2ex%
1528   \llap{%
1529     \usebeamerfont*{section number projected}%
1530     \usebeamercolor{section number projected}%
1531     \begin{pgfpicture}{-1ex}{0ex}{1ex}{2ex}
1532       \color{bg}
1533       \pgfpathcircle{\pgfpoint{0pt}{.75ex}}{1.2ex}
1534       \pgfusepath{fill}
1535       \pgftext[base]{\color{fg}\inserttocsectionnumber}
1536     \end{pgfpicture}\kern1.25ex%
1537   }%
1538   \inserttocsection\par}
1539
1540 \defbeamertemplate{subsection in toc}{circle}
1541 {\leavevmode\bidi@beamer@leftskip=2em\inserttocsubsection\par}
1542
1543 \defbeamertemplate{subsubsection in toc}{circle}
1544 {\leavevmode\normalsize\usebeamerfont{subsection in
1545   toc}\bidi@beamer@leftskip=3em\usebeamerfont{subsubsection in toc}%
1546   \inserttocsubsubsection\par}
1547
1548 \bidi@csundef{beamer@@tmpop@section in toc@square}
1549
1550 \bidi@csundef{beamer@@tmpop@subsection in toc@square}
1551
1552 \bidi@csundef{beamer@@tmpop@subsubsection in toc@square}
1553
1554 \bidi@csundef{beamer@@tmpop@enumerate item@square}
1555
1556 \bidi@csundef{beamer@@tmpop@enumerate subitem@square}
1557
1558 \bidi@csundef{beamer@@tmpop@enumerate subsubitem@square}
1559
1560 \bidi@csundef{beamer@@tmpop@enumerate mini template@square}
1561
1562 \defbeamertemplate{section in toc}{square}
1563 {\leavevmode\bidi@beamer@leftskip=1.75ex%
1564   \llap{{%
1565     \usebeamerfont*{section number projected}%
1566     \usebeamercolor[bg]{section number projected}%
1567     \if@RTL
1568     \else
1569       \vrule width2.25ex height1.85ex depth.4ex%
1570       \hskip-2.25ex%
1571     \fi
1572     \hbox to2.25ex{{\hfil\color{fg}\inserttocsectionnumber\hfil}}}%
1573     \if@RTL
1574       \hskip-2.25ex%
1575       \vrule width2.25ex height1.85ex depth.4ex%
1576     \fi
1577   }}%

```



```

1578 \kern1.25ex\inserttocsection\par}
1579
1580 \defbeamertemplate{subsection in toc}{square}
1581 {\leavevmode\bidibeamer@leftskip=5ex\llap{%
1582     \usebeamercolor[bg]{subsection number projected}%
1583     \vrule width1ex height1ex\kern1ex}}\inserttocsubsection\par}
1584
1585 \defbeamertemplate{subsubsection in toc}{square}
1586 {\leavevmode\normalsize\usebeamerfont{subsection in
1587     toc}\bidibeamer@leftskip=7ex\usebeamerfont{subsubsection in toc}%
1588     \llap{%
1589         \usebeamercolor[bg]{subsubsection number projected}%
1590         \vrule width0.75ex height0.75ex\kern1ex}}\inserttocsubsubsection\par}
1591
1592 \defbeamertemplate{enumerate item}{square}
1593 {
1594     \hbox{%
1595         \usebeamerfont*{item projected}%
1596         \usebeamercolor[bg]{item projected}%
1597         \if@RTL
1598         \else
1599             \vrule width2.25ex height1.85ex depth.4ex%
1600             \hskip-2.25ex%
1601         \fi
1602         \hbox to2.25ex{%
1603             \hfil%
1604             \color{fg}\insertenumlabel%
1605             \hfil}}%
1606         \if@RTL
1607             \hskip-2.25ex%
1608             \vrule width2.25ex height1.85ex depth.4ex%
1609         \fi
1610     }%
1611 }
1612 [action]
1613 {\setbeamerfont{item projected}{size=\scriptsize}}
1614
1615 \defbeamertemplate{enumerate subitem}{square}
1616 {
1617     \hbox{%
1618         \usebeamerfont*{subitem projected}%
1619         \usebeamercolor[bg]{subitem projected}%
1620         \if@RTL
1621         \else
1622             \vrule width2.25ex height1.85ex depth.4ex%
1623             \hskip-2.25ex%
1624         \fi
1625         \hbox to2.25ex{%
1626             \hfil%
1627             \color{fg}\insertsubenumlabel%
1628             \hfil}}%
1629         \if@RTL
1630             \hskip-2.25ex%
1631             \vrule width2.25ex height1.85ex depth.4ex%

```



```

1632     \fi
1633   }}%
1634 }
1635
1636 \defbeamertemplate{enumerate subsubitem}{square}
1637 {
1638   \hbox{%
1639     \usebeamerfont*{subitem projected}%
1640     \usebeamercolor[bg]{subsubitem projected}%
1641     \if@RTL
1642     \else
1643       \vrule width2.25ex height1.85ex depth.4ex%
1644       \hskip-2.25ex%
1645     \fi
1646     \hbox to2.25ex{%
1647       \hfil%
1648       \color{fg}\insertsubsubenumlabel%
1649       \hfil}}%
1650     \if@RTL
1651       \hskip-2.25ex%
1652       \vrule width2.25ex height1.85ex depth.4ex%
1653     \fi
1654   }}%
1655 }
1656
1657 \defbeamertemplate{enumerate mini template}{square}
1658 {
1659   \hbox{%
1660     \usebeamerfont*{\beameritemnestingprefix item projected}%
1661     \usebeamercolor[bg]{\beameritemnestingprefix item projected}%
1662     \if@RTL
1663     \else
1664       \vrule width2.25ex height1.85ex depth.4ex%
1665       \hskip-2.25ex%
1666     \fi
1667     \hbox to2.25ex{%
1668       \hfil%
1669       \color{fg}\insertenumlabel%
1670       \hfil}}%
1671     \if@RTL
1672       \hskip-2.25ex%
1673       \vrule width2.25ex height1.85ex depth.4ex%
1674     \fi
1675   }}%
1676 }
1677
1678 \bidi@csundef{beamer@@tmpop@section in toc@ball}
1679
1680 \bidi@csundef{beamer@@tmpop@subsection in toc@ball}
1681
1682 \bidi@csundef{beamer@@tmpop@subsubsection in toc@ball}
1683
1684 \defbeamertemplate{section in toc}{ball}
1685 {\leavevmode\bidi@beamer@leftskip=2.75ex%

```



```

1686 \llap{%
1687   \normalsize%
1688   \begin{pgfpicture}{-1ex}{-0.7ex}{1ex}{1ex}
1689     \pgftext{\beamer@usesphere{section number projected}{tocsphere}}
1690     \pgftext{%
1691       \usebeamerfont*{section number projected}%
1692       \usebeamerfont*{section number projected}%
1693       \color{fg!90!bg}%
1694       \inserttocsectionnumber}
1695   \end{pgfpicture}%
1696   \kern1.25ex}%
1697 \inserttocsection\par
1698 }
1699 [action]
1700 {\setbeamerfont{section number projected}{size=\scriptsize}}
1701
1702 \defbeamertemplate{subsection in toc}{ball}
1703 {\leavevmode\bidibeamer@leftskip=5ex%
1704   \llap{\raise0.1ex\beamer@usesphere{subsection number projected}{bigsphere}\kern1ex}%
1705   \inserttocsubsection\par%
1706 }
1707
1708 \defbeamertemplate{subsubsection in toc}{ball}
1709 {\leavevmode\normalsize\usebeamerfont{subsection in
1710   toc}\bidibeamer@leftskip=7ex\usebeamerfont{subsubsection in toc}%
1711   \llap{\beamer@usesphere{subsubsection number projected}{bigsphere}\kern0.75ex}%
1712   \inserttocsubsubsection\par%
1713 }
1714
1715 \bidicsundef{beamer@@tmpop@block begin@rounded}
1716
1717 \bidicsundef{beamer@@tmpop@block alerted begin@rounded}
1718
1719 \bidicsundef{beamer@@tmpop@block example begin@rounded}
1720
1721 \defbeamertemplate{block begin}{rounded}[1][shadow=false]
1722 {%
1723   \par\vskip\medskipamount%
1724   \begin{beamerboxesrounded}[upper=block title,lower=block body,#1]%
1725     {\raggedright\usebeamerfont*{block title}\insertblocktitle}%
1726     \bidibeamer@ragged%
1727     \usebeamerfont{block body}%
1728   }
1729
1730 \defbeamertemplate{block alerted begin}{rounded}[1][shadow=false]
1731 {%
1732   \par\vskip\medskipamount%
1733   \begin{beamerboxesrounded}[upper=block title alerted,lower=block body alerted,#1]%
1734     {\raggedright\usebeamerfont*{block title alerted}\insertblocktitle}%
1735     \bidibeamer@ragged%
1736     \usebeamerfont{block body alerted}%
1737   }%
1738
1739 \defbeamertemplate{block example begin}{rounded}[1][shadow=false]

```



```

1740 {%
1741   \par\vskip\medskipamount%
1742   \begin{beamerboxesrounded}[upper=block title example,lower=block body example,#1]
1743     {\raggedright\usebeamerfont*{block title example}\insertblocktitle}%
1744     \bidi@beamer@ragged%
1745     \usebeamerfont{block body example}%
1746 }%
1747

```

## 16 File beamerbaseboxes-xetex-bidi.def

```

1748 \ProvidesFile{beamerbaseboxes-xetex-bidi.def}[2022/06/01 v0.1 bidi adaptations for beamerbas
1749 \renewcommand\beamerboxesrounded[2] [] {%
1750   \global\let\beamer@firstlineitemizeunskip=\relax%
1751   \vbox\bgroup%
1752   \setkeys{beamerboxes}{upper=block title,lower=block body,width=\textwidth,shadow=false}%
1753   \setkeys{beamerboxes}{#1}%
1754   {%
1755     \usebeamercolor{\bmb@lower}%
1756     \globalcolorstrue%
1757     \colorlet{lower.bg}{bg}%
1758   }%
1759   {%
1760     \usebeamercolor{\bmb@upper}%
1761     \globalcolorstrue%
1762     \colorlet{upper.bg}{bg}%
1763   }%
1764   %
1765   % Typeset head
1766   %
1767   \vskip4bp
1768   \setbox\bmb@box=\hbox{%
1769     \begin{minipage}[b]{\bmb@width}%
1770       \usebeamercolor{fg}{\bmb@upper}%
1771       #2%
1772     \end{minipage}}%
1773   \ifdim\wd\bmb@box=0pt%
1774     \setbox\bmb@box=\hbox{%
1775       \ht\bmb@box=1.5pt%
1776       \bmb@prevheight=-4.5pt%
1777     \else%
1778       \wd\bmb@box=\bmb@width%
1779       \bmb@temp=\dp\bmb@box%
1780       \ifdim\bmb@temp<1.5pt%
1781         \bmb@temp=1.5pt%
1782       \fi%
1783       \setbox\bmb@box=\hbox{\raise\bmb@temp\hbox{\box\bmb@box}}%
1784       \dp\bmb@box=0pt%
1785       \bmb@prevheight=\ht\bmb@box%
1786     \fi%
1787     \bmb@temp=\bmb@width%
1788     \bmb@dima=\bmb@temp\advance\bmb@dima by2.2bp%
1789     \bmb@dimb=\bmb@temp\advance\bmb@dimb by4bp%
1790     \hbox{%

```



```

1791 \begin{pgfpicture}{0bp}{+-\ht\bmb@box}{0bp}{+-\ht\bmb@box}
1792 \ifdim\wd\bmb@box=0pt%
1793 \color{lower.bg}%
1794 \else%
1795 \color{upper.bg}%
1796 \fi%
1797 \pgfpathqmoveto{-4bp}{-1bp}
1798 \pgfpathqcurveto{-4bp}{1.2bp}{-2.2bp}{3bp}{0bp}{3bp}
1799 \pgfpathlineto{\pgfpoint{\bmb@temp}{3bp}}
1800 \pgfpathcurveto%
1801 {\pgfpoint{\bmb@dima}{3bp}}%
1802 {\pgfpoint{\bmb@dimb}{1.2bp}}%
1803 {\pgfpoint{\bmb@dimb}{-1bp}}%
1804 \bmb@dima=-\ht\bmb@box%
1805 \advance\bmb@dima by-2pt%
1806 \pgfpathlineto{\pgfpoint{\bmb@dimb}{\bmb@dima}}
1807 \pgfpathlineto{\pgfpoint{-4bp}{\bmb@dima}}
1808 \pgfusepath{fill}
1809 \end{pgfpicture}%
1810 \copy\bmb@box%
1811 }%
1812 \nointerlineskip%
1813 \vskip-1pt%
1814 \ifdim\wd\bmb@box=0pt%
1815 \else%
1816 \hbox{%
1817 \begin{pgfpicture}{0pt}{0pt}{\bmb@width}{6pt}
1818 \bmb@dima=\bmb@width%
1819 \advance\bmb@dima by8bp%
1820 \pgfpathrectangle{\pgfpoint{-4bp}{-1bp}}{\pgfpoint{\bmb@dima}{8bp}}
1821 \pgfusepath{clip}
1822 {\pgftransformshift{\pgfpoint{-4bp}{0bp}}\pgftext[left,base]{\pgfuses shading{\bmb@transi
1823 \end{pgfpicture}%
1824 }%
1825 \nointerlineskip%
1826 \vskip-0.5pt%
1827 \fi%
1828 \setbox\bmb@colorbox=\hbox{\pgfpicturetrue\pgfsetcolor{lower.bg}}}%
1829 \setbox\bmb@box=\hbox\bgroup\begin{minipage}[b]{\bmb@width}%
1830 \vskip2pt%
1831 \usebeamercolor[fg]{\bmb@lower}%
1832 \colorlet{beamerstructure}{upper.bg}%
1833 \colorlet{structure}{upper.bg}%
1834 %\color{.}%
1835 \@bidi@list@minipage@parboxfalse
1836 }
1837
1838 \bidi@patchcmd{\endbeamerboxesrounded}{\begingroup}{%
1839 \begingroup
1840 \@RTLfalse
1841 }{}{}
1842
1843

```



## 17 File beamerbasecolor-xetex-bidi.def

```

1844 \ProvidesFile{beamerbasecolor-xetex-bidi.def}[2022/06/07 v0.2 bidi adaptations for beamerbas
1845 \renewenvironment{beamercolorbox}[2] [] {%
1846   \def\beamer@vmode{\leavevmode}%
1847   \setkeys{beamercolbox}{wd=\textwidth,ht={},dp={},%
1848     leftskip=0pt,rightskip=0pt plus1fil,%
1849     sep=0pt,colsep=0pt,colsep*=0pt,%
1850     shadow=false,rounded=false,ignorebg=false}%
1851   \if@RTL
1852     \setkeys{beamercolbox}{rightskip=0pt,leftskip=0pt plus1fil}%
1853   \else
1854     \setkeys{beamercolbox}{leftskip=0pt,rightskip=0pt plus1fil}%
1855   \fi
1856   \setkeys{beamercolbox}{#1}%
1857   \ifbeamercoloreempty[bg]{#2}{\@tempswafalse}{\@tempswatruetrue}%
1858   \ifbeamer@colbox@ignorebg\@tempswafalse\fi%
1859   \def\beamer@colbox@color{#2}%
1860   \setbox\beamer@tempbox=\hbox\bgroup\color@begingroup
1861     \ifbeamer@colbox@ignorebg%
1862       \colorlet{beamer@temp@color}{bg}%
1863       \usebeamercolor[fg]{#2}%
1864       \colorlet{bg}{beamer@temp@color}%
1865     \else%
1866       \usebeamercolor[fg]{#2}%
1867     \fi%
1868     \beginL
1869     \vbox\bgroup%
1870     \hsize=\beamer@colbox@wd%
1871     \@arrayparboxrestore%
1872     \leftskip=\beamer@colbox@ls%
1873     \ifdim\beamer@colbox@sep>\z@\advance\leftskip\beamer@colbox@sep\fi%
1874     \rightskip=\beamer@colbox@rs%
1875     \ifdim\beamer@colbox@sep>\z@\advance\rightskip\beamer@colbox@sep\fi%
1876     \if@tempswa\ifdim\beamer@colbox@colsep>\z@%
1877       \advance\leftskip by\beamer@colbox@colsep%
1878       \advance\rightskip by\beamer@colbox@colsep%
1879       \vskip\beamer@colbox@colsep%
1880     \fi%
1881     \ifdim\beamer@colbox@colseps>\z@\vskip\beamer@colbox@colseps\fi%
1882     \fi%
1883     \ifdim\beamer@colbox@sep>\z@\vskip\beamer@colbox@sep\fi%
1884     \beamer@vmode\ignorespaces}%
1885     \ifdim\beamer@colbox@sep>\z@\vskip\beamer@colbox@sep\fi%
1886     \if@tempswa
1887       \ifdim\beamer@colbox@colsep>\z@\vskip\beamer@colbox@colsep\fi%
1888       \ifdim\beamer@colbox@colseps>\z@\vskip\beamer@colbox@colseps\fi%
1889     \fi%
1890   \egroup\endL\color@endgroup\egroup%
1891   \wd\beamer@tempbox=\beamer@colbox@wd%
1892   \ifx\beamer@colbox@ht\empty\else\ht\beamer@tempbox=\beamer@colbox@ht\fi%
1893   \ifx\beamer@colbox@dp\empty\else\dp\beamer@tempbox=\beamer@colbox@dp\fi%
1894   \ifbeamer@colbox@rounded%
1895     \if@tempswa%

```



```

1896 \begin{beamerboxesrounded}[%
1897   shadow=\beamer@colbox@shadow,%
1898   lower=\beamer@colbox@color,%
1899   upper=normal text,%
1900   width=\beamer@colbox@wd]{}%
1901   \box\beamer@tempbox%
1902 \end{beamerboxesrounded}%
1903 \else%
1904   \ifdim\wd\beamer@tempbox>\textwidth%
1905     \setbox\beamer@tempbox=\hbox to\textwidth{\hss\box\beamer@tempbox\hss}%
1906   \fi%
1907   \box\beamer@tempbox%
1908   \fi%
1909 \else%
1910   \if@tempswa\setbox\beamer@tempbox=\hbox{%
1911     \usebeamercolor{\beamer@colbox@color}%
1912     \hskip-\beamer@colbox@colseps%
1913     \fboxsep=\z@\colorbox{bg}{}%
1914     \hskip\beamer@colbox@colseps%
1915     \box\beamer@tempbox%
1916     \hskip\beamer@colbox@colseps%
1917   }%
1918   \hskip-\beamer@colbox@colseps%
1919   }\fi%
1920   \ifdim\wd\beamer@tempbox>\textwidth%
1921     \setbox\beamer@tempbox=\hbox to\textwidth{\hskip0pt minus\beamer@leftmargin\relax\box\beamer@tempbox}%
1922   \fi%
1923   \box\beamer@tempbox%
1924   \fi%
1925 }
1926
1927

```

## 18 File beamerbasecompatibility-xetex-bidi.def

```

1928 \ProvidesFile{beamerbasecompatibility-xetex-bidi.def}[2022/06/27 v0.1 bidi adaptations for b
1929 \def\insertvrule#1#2{\hbox{{\color{#2}\hskip-\Gm@lmargin\vrule width \paperwidth height #1\h
1930
1931

```

## 19 File beamerbaseframecomponents-xetex-bidi.def

```

1932 \ProvidesFile{beamerbaseframecomponents-xetex-bidi.def}[2023/01/18 v0.5 bidi adaptations for
1933 \renewcommand{\setbeamersize}[1]{%
1934   \beamer@dogeometryfalse%
1935   \setkeys{beamer@margin}{#1}%
1936   \ifbeamer@dogeometry%
1937     % Reset left margin now
1938     \beamer@tempdim=\beamer@leftmargin%
1939     \advance\beamer@tempdim by\beamer@leftsidebar%
1940     \if@RTLmain
1941       \geometry{right=\the\beamer@tempdim}%
1942     \else
1943       \geometry{left=\the\beamer@tempdim}%

```



```

1944 \fi
1945 % Reset right margin now
1946 \beamer@tempdim=\beamer@rightmargin%
1947 \advance\beamer@tempdim by\beamer@rightsidebar%
1948 \if@RTLmain
1949 \geometry{left=\the\beamer@tempdim}%
1950 \else
1951 \geometry{right=\the\beamer@tempdim}%
1952 \fi
1953 \fi%
1954 }
1955
1956 \newcommand*{\bidi@beamer@Gm@lmargin}{%
1957 \if@RTLmain
1958 \Gm@rmargin
1959 \else
1960 \Gm@lmargin
1961 \fi
1962 }
1963
1964 \newcommand*{\bidi@beamer@Gm@rmargin}{%
1965 \if@RTLmain
1966 \Gm@lmargin
1967 \else
1968 \Gm@rmargin
1969 \fi
1970 }
1971
1972 \def\ps@navigation{
1973 \def\@oddhead{%
1974 \begingroup%
1975 \setbox\beamer@tempbox=\hbox{\usebeamertemplate***{background canvas}\hyper@pagetransition}%
1976 \beamer@tempdim=\ht\beamer@tempbox%
1977 \setbox\beamer@tempbox=\hbox{\lower\beamer@tempdim\hbox{\box\beamer@tempbox}}%
1978 \wd\beamer@tempbox=0pt\ht\beamer@tempbox=0pt\dp\beamer@tempbox=0pt%
1979 \setbox\@tempboxa=\hbox{\usebeamertemplate***{background}}%
1980 \beamer@tempdim=\ht\@tempboxa%
1981 \setbox\@tempboxa=\hbox{\lower\beamer@tempdim\hbox{\box\@tempboxa}}%
1982 \wd\@tempboxa=0pt\ht\@tempboxa=0pt\dp\@tempboxa=0pt%
1983 \vbox{\hbox{\hskip-\bidi@beamer@Gm@lmargin\box\beamer@tempbox\box\@tempboxa}%
1984 \hbox{%
1985 {%
1986 \setbox\beamer@tempbox=\hbox{\hskip-\bidi@beamer@Gm@lmargin%
1987 \if@RTLmain
1988 {%
1989 \vbox to \sidebarheight{%
1990 \usebeamertemplate***{sidebar left}%
1991 \vfil%
1992 }%
1993 \ifpackageloaded{beamerinnerthemeinmargin}{}%
1994 \hskip-\textwidth
1995 }%
1996 \fi
1997 {\setbox\beamer@tempbox=\hbox{\vbox to \sidebarheight{%

```



```

1998         \usebeamercolor*{sidebar left}%
1999         \usebeamertemplate{sidebar canvas left}%
2000         \vss%
2001     }}%
2002     \wd\beamer@tempbox=0pt\ht\beamer@tempbox=0pt\dp\beamer@tempbox=0pt%
2003     \box\beamer@tempbox}%
2004     \if@RTLmain
2005     \else
2006     {%
2007         \vbox to \sidebarheight{%
2008             \usebeamertemplate***{sidebar left}%
2009             \vfil%
2010         }}\fi}%
2011     \beamer@tempdim=\ht\beamer@tempbox%
2012     \setbox\beamer@tempbox=\hbox{{\lower\beamer@tempdim\hbox{\box\beamer@tempbox}}}%
2013     \wd\beamer@tempbox=0pt\ht\beamer@tempbox=0pt\dp\beamer@tempbox=0pt%
2014     \box\beamer@tempbox%
2015 }%
2016 {% print right sidebar first, since it should be overwritten by headline
2017     \setbox\beamer@tempbox=\hbox{\hskip\textwidth\hskip\beamer@rightmargin%
2018     \if@RTLmain
2019         {%
2020             \vbox to \sidebarheight{%
2021                 \usebeamertemplate***{sidebar right}%
2022                 \vfil%
2023             }}%
2024             \hskip-\textwidth
2025             \fi
2026             {\setbox\beamer@tempbox=\hbox{\vbox to \sidebarheight{%
2027                 \usebeamercolor*{sidebar right}%
2028                 \usebeamertemplate{sidebar canvas right}%
2029                 \vss%
2030             }}%
2031             \wd\beamer@tempbox=0pt\ht\beamer@tempbox=0pt\dp\beamer@tempbox=0pt%
2032             \box\beamer@tempbox}%
2033             \if@RTLmain
2034             \else
2035             {%
2036                 \vbox to \sidebarheight{%
2037                     \usebeamertemplate***{sidebar right}%
2038                     \vfil%
2039                 }}\fi}%
2040             \beamer@tempdim=\ht\beamer@tempbox%
2041             \setbox\beamer@tempbox=\hbox{{\lower\beamer@tempdim\hbox{\box\beamer@tempbox}}}%
2042             \wd\beamer@tempbox=0pt\ht\beamer@tempbox=0pt\dp\beamer@tempbox=0pt%
2043             \box\beamer@tempbox%
2044         }}%
2045         \beamer@typesetheadorfoot{headline}%
2046     }%
2047     \hfil}%
2048 \endgroup}
2049 \def\@oddfoot{%
2050     \vbox{\offinterlineskip\hbox{\beamer@typesetheadorfoot{footline}%
2051     \hfil}\hbox{}}\hfil

```



```

2052 }%
2053 \let\@evenhead\@oddhead
2054 \let\@evenfoot\@oddfoot}
2055
2056 \AtBeginDocument{%
2057   \pagestyle{navigation}%
2058 }
2059
2060 \def\beamer@typesetheadorfoot#1{% typeset the head or footline
2061   {\parskip0pt\offinterlineskip%
2062     \hbox{%
2063       \hskip-\bidi@beamer@Gm@lmargin%
2064       \hbox{%
2065         \vbox{%
2066           \@tempdima=\textwidth%
2067           \textwidth=\paperwidth%
2068           \hsize=\textwidth%
2069           \def\{,%
2070             \usebeamertemplate***{#1}%
2071           }%
2072           \hskip-\bidi@beamer@Gm@rmargin%
2073         }\hfil%
2074       }
2075     }
2076 \def\ps@empty{%
2077   \let\@mkboth\@gobbletwo%
2078   \def\@oddhead{\begingroup%
2079     \setbox\beamer@tempbox=\hbox{\usebeamertemplate***{background canvas}\hyper@pagetransiti
2080     \beamer@tempdim=\ht\beamer@tempbox%
2081     \setbox\beamer@tempbox=\hbox{\lower\beamer@tempdim\hbox{\box\beamer@tempbox}}%
2082     \wd\beamer@tempbox=0pt\ht\beamer@tempbox=0pt\dp\beamer@tempbox=0pt%
2083     \setbox\@tempboxa=\hbox{\usebeamertemplate***{background}}%
2084     \beamer@tempdim=\ht\@tempboxa%
2085     \setbox\@tempboxa=\hbox{\lower\beamer@tempdim\hbox{\box\@tempboxa}}%
2086     \wd\@tempboxa=0pt\ht\@tempboxa=0pt\dp\@tempboxa=0pt%
2087     \vbox{\hbox{\hskip-\Gm@lmargin\raise\headheight\box\beamer@tempbox\raise\headheight\box
2088     \endgroup%
2089   }
2090   \def\@oddfoot{\normalcolor\hfil%
2091     \setbox\beamer@tempbox=\hbox{\usebeamertemplate***{navigation symbols}\hskip-\Gm@rmargin
2092     \ht\beamer@tempbox=0pt%
2093     \dp\beamer@tempbox=0pt%
2094     \box\beamer@tempbox}}
2095   \let\@evenhead\@oddhead\let\@evenfoot\@oddfoot}
2096
2097 \renewcommand<>\beamer@columncom[2][\beamer@colmode]{%
2098   \beamer@colclose%
2099   \def\beamer@colclose{\end{minipage}\hfill\end{actionenv}\ignorespaces}%
2100 \begin{actionenv}#3%
2101   \setkeys{beamer@col}{#1}%
2102   \begin{minipage}[\beamer@colalign]{#2}%
2103     \leavevmode\bidi@beamer@ragged\beamer@colheadskip\ignorespaces}
2104
2105 \renewenvironment<>{columns}[1][]{%

```



```

2106 \begin{actionenv}#2%
2107 \ifbeamer@onlytextwidth
2108   \def\beamer@colentrycode{\hbox to\textwidth\bgroup\ignorespaces}%
2109   \def\beamer@colexitcode{\unskip\egroup}
2110 \else%
2111   \def\beamer@colentrycode{%
2112     \hbox to\textwidth\bgroup%
2113     \leavevmode%
2114     \hskip-\beamer@leftmargin%
2115     \nobreak%
2116     \beamer@tempdim=\textwidth%
2117     \advance\beamer@tempdim by\beamer@leftmargin%
2118     \advance\beamer@tempdim by\beamer@rightmargin%
2119     \hbox to\beamer@tempdim\bgroup%
2120     \hbox{}\hfill\ignorespaces}%
2121   \def\beamer@colexitcode{\egroup%
2122     \nobreak%
2123     \hskip-\beamer@rightmargin\egroup}%
2124 \fi%
2125 \ifbeamer@centered\setkeys{beamer@col}{c}\else\setkeys{beamer@col}{t}\fi%
2126 \setkeys{beamer@col}{#1}%
2127 \par%
2128 \leavevmode
2129 \beamer@colentrycode%
2130 \def\beamer@colclose{}\ignorespaces}%
2131 {\beamer@colclose\def\beamer@colclose{}\beamer@colexitcode\end{actionenv}}%
2132
2133
2134 \def\@makeRTLftntext#1{%
2135   \def\insertfootnotetext{#1}%
2136   \def\insertfootnotemark{\@makefnmark}%
2137   \usebeamertemplate***{RTLfootnote}}
2138
2139 \def\@makeLTRftntext#1{%
2140   \def\insertfootnotetext{#1}%
2141   \def\insertfootnotemark{\@makefnmark}%
2142   \usebeamertemplate***{LTRfootnote}}
2143
2144 \renewcommand<>\beamer@framefootnotetext[1]{%
2145   \global\setbox\beamer@footins\vbox{%
2146     \ifRTL@footnote\@RTLtrue\else\@RTLfalse\fi%
2147     \hsize\framewidth
2148     \textwidth\hsize
2149     \columnwidth\hsize
2150     \unvbox\beamer@footins
2151     \reset@font
2152     \bidi@@footnotetext@font
2153     \@parboxrestore
2154     \protected@edef\@currentlabel
2155       {\csname p@footnote\endcsname\@thefnmark}%
2156     \color@begingroup
2157     \uncover#2{\@makefntext{%
2158       \rule{z@footnotesep\ignorespaces#1\@finalstrut\strutbox}}}%
2159     \color@endgroup}}

```



```

2160
2161 \renewcommand<>\beamer@frameRTLfootnotetext[1]{%
2162   \global\setbox\beamer@footins\vbox{%
2163     \RTLtrue
2164     \hsize\framewidth
2165     \textwidth\hsize
2166     \columnwidth\hsize
2167     \unvbox\beamer@footins
2168     \reset@font
2169     \bidi@RTLfootnotetext@font
2170     \@parboxrestore
2171     \protected@edef\@currentlabel
2172       {\csname p@footnote\endcsname\@thefnmark}%
2173     \color@begingroup
2174       \uncover#2{\@makeRTLfnstext{%
2175         \rule\z@\footnotesep\ignorespaces#1\@finalstrut\strutbox}}%
2176     \color@endgroup}}
2177
2178 \renewcommand<>\beamer@frameLTRfootnotetext[1]{%
2179   \global\setbox\beamer@footins\vbox{%
2180     \RTLfalse
2181     \hsize\framewidth
2182     \textwidth\hsize
2183     \columnwidth\hsize
2184     \unvbox\beamer@footins
2185     \reset@font
2186     \bidi@LTRfootnotetext@font
2187     \@parboxrestore
2188     \protected@edef\@currentlabel
2189       {\csname p@footnote\endcsname\@thefnmark}%
2190     \color@begingroup
2191       \uncover#2{\@makeLTRfnstext{%
2192         \rule\z@\footnotesep\ignorespaces#1\@finalstrut\strutbox}}%
2193     \color@endgroup}}
2194
2195 \renewcommand<>\@mpfootnotetext[1]{%
2196   \ifbidi@autofootnoterule\ifnum\c@mpfootnote=\@ne\if@RTL@footnote\global\let\bidi@mpfootnoterule
2197     \global\setbox\@mpfootins\vbox{%
2198       \unvbox\@mpfootins
2199       \if@RTL@footnote\RTLtrue\else\RTLfalse\fi
2200       \reset@font
2201       \bidi@@footnotetext@font
2202       \hsize\columnwidth
2203       \@parboxrestore
2204       \protected@edef\@currentlabel
2205         {\csname p@mpfootnote\endcsname\@thefnmark}%
2206       \color@begingroup
2207         \uncover#2{\@makefnstext{%
2208           \rule\z@\footnotesep\ignorespaces#1\@finalstrut\strutbox}}%
2209       \color@endgroup}}
2210
2211 \renewcommand<>\@mpRTLfootnotetext[1]{%
2212   \ifbidi@autofootnoterule\ifnum\c@mpfootnote=\@ne\global\let\bidi@mpfootnoterule\right@footnoterule
2213   \global\setbox\@mpfootins\vbox{%

```



```

2214 \unvbox\@mpfootins
2215 \RTLtrue
2216 \reset@font
2217 \bidi@RTLfootnotetext@font
2218 \hsize\columnwidth
2219 \@parboxrestore
2220 \protected@edef\@currentlabel
2221 {\csname p@mpfootnote\endcsname\@thefnmark}%
2222 \color@begingroup
2223 \uncover#2{\@makeRTLfnstext{%
2224 \rule\z@\footnotesep\ignorespaces#1\@finalstrut\strutbox}}%
2225 \color@endgroup}}
2226
2227 \renewcommand<>\@mpLTRfootnotetext[1]{%
2228 \ifbidi@autofootnoterule\ifnum\c@mpfootnote=\@ne\global\let\bidi@mpfootnoterule\left@footnot
2229 \global\setbox\@mpfootins\vbox{%
2230 \unvbox\@mpfootins
2231 \RTLfalse
2232 \reset@font
2233 \bidi@LTRfootnotetext@font
2234 \hsize\columnwidth
2235 \@parboxrestore
2236 \protected@edef\@currentlabel
2237 {\csname p@mpfootnote\endcsname\@thefnmark}%
2238 \color@begingroup
2239 \uncover#2{\@makeLTRfnstext{%
2240 \rule\z@\footnotesep\ignorespaces#1\@finalstrut\strutbox}}%
2241 \color@endgroup}}
2242
2243 \let\@footnotetext=\beamer@framefootnotetext
2244 \let\@RTLfootnotetext=\beamer@frameRTLfootnotetext
2245 \let\@LTRfootnotetext=\beamer@frameLTRfootnotetext
2246
2247 \footdir@temp\footdir@ORG@bidi@beamer@footnotetext\@footnotetext{\bidi@footdir@footnote}%
2248 \footdir@temp\footdir@ORG@bidi@beamer@RTLfootnotetext\@RTLfootnotetext{R}%
2249 \footdir@temp\footdir@ORG@bidi@beamer@LTRfootnotetext\@LTRfootnotetext{L}%
2250
2251 \renewcommand<>{\footnote}[1][ ]{%
2252 \let\beamer@footnotetext=\@footnotetext%
2253 \let\beamer@mpfn=\@mpfn%
2254 \let\beamer@thempfn=\thempfn%
2255 \let\beamer@kvorig=\KV@errx%
2256 \let\beamer@xkvorig=\XKV@err
2257 \def\beamer@footarg{}%
2258 \def\KV@errx##1{\edef\beamer@footarg{\@tempa}}%
2259 \def\XKV@err##1{\edef\beamer@footarg{\XKV@tkey}}%
2260 \setkeys{beamerfootnote}{#1}%
2261 \let\KV@errx=\beamer@kvorig%
2262 \let\XKV@errx=\beamer@xkvorig%
2263 \ifx\beamer@footarg\@empty%
2264 \def\beamer@next{\stepcounter\beamer@mpfn
2265 \protected@xdef\@thefnmark{\beamer@thempfn}%
2266 \@footnotemark\beamer@footnotetext#2}%
2267 \else%

```



```

2268 \def\beamer@next{%
2269 \begingroup
2270 \csname c@\beamer@mpfn\endcsname\beamer@footarg\relax
2271 \unrestored@protected@xdef\@thefnmark{\beamer@thempfn}%
2272 \endgroup
2273 \@footnotemark\beamer@footnotetext#2}%
2274 \fi%
2275 \beamer@next}
2276
2277 \renewcommand<>{\RTLfootnote}[1] [] {%
2278 \let\beamer@RTLfootnotetext=\@RTLfootnotetext%
2279 \let\beamer@mpfn=\@mpfn%
2280 \let\beamer@thempfn=\thempfn%
2281 \let\beamer@kvorig=\KV@errx%
2282 \let\beamer@xkvorig=\XKV@err
2283 \def\beamer@footarg{%
2284 \def\KV@errx##1{\edef\beamer@footarg{\@tempa}}%
2285 \def\XKV@err##1{\edef\beamer@footarg{\XKV@tkey}}}%
2286 \setkeys{beamerfootnote}{#1}%
2287 \let\KV@errx=\beamer@kvorig%
2288 \let\XKV@errx=\beamer@xkvorig
2289 \ifx\beamer@footarg\@empty%
2290 \def\beamer@next{\stepcounter\beamer@mpfn
2291 \protected@xdef\@thefnmark{\beamer@thempfn}%
2292 \@footnotemark\beamer@RTLfootnotetext#2}%
2293 \else%
2294 \def\beamer@next{%
2295 \begingroup
2296 \csname c@\beamer@mpfn\endcsname\beamer@footarg\relax
2297 \unrestored@protected@xdef\@thefnmark{\beamer@thempfn}%
2298 \endgroup
2299 \@footnotemark\beamer@RTLfootnotetext#2}%
2300 \fi%
2301 \beamer@next}
2302
2303 \renewcommand<>{\LTRfootnote}[1] [] {%
2304 \let\beamer@LTRfootnotetext=\@LTRfootnotetext%
2305 \let\beamer@mpfn=\@mpfn%
2306 \let\beamer@thempfn=\thempfn%
2307 \let\beamer@kvorig=\KV@errx%
2308 \let\beamer@xkvorig=\XKV@err
2309 \def\beamer@footarg{%
2310 \def\KV@errx##1{\edef\beamer@footarg{\@tempa}}%
2311 \def\XKV@err##1{\edef\beamer@footarg{\XKV@tkey}}}%
2312 \setkeys{beamerfootnote}{#1}%
2313 \let\KV@errx=\beamer@kvorig%
2314 \let\XKV@errx=\beamer@xkvorig
2315 \ifx\beamer@footarg\@empty%
2316 \def\beamer@next{\stepcounter\beamer@mpfn
2317 \protected@xdef\@thefnmark{\beamer@thempfn}%
2318 \@footnotemark\beamer@LTRfootnotetext#2}%
2319 \else%
2320 \def\beamer@next{%
2321 \begingroup

```



```

2322         \csname c@\beamer@mpfn\endcsname\beamer@footarg\relax
2323         \unrestored@protected@xdef\@thefnmark{\beamer@thempfn}%
2324     \endgroup
2325     \@footnotemark\beamer@LTRfootnotetext#2}%
2326 \fi%
2327 \beamer@next}
2328
2329

```

## 20 File beamerbaseframesize-xetex-bidi.def

```

2330 \ProvidesFile{beamerbaseframesize-xetex-bidi.def}[2022/06/27 v0.1 bidi adaptations for beamer]
2331 \def\beamer@framezoom<#1><#2>[#3](#4,#5)(#6,#7){%
2332     \par\nointerlineskip%
2333     \global\beamer@slidehaszoomtrue%
2334     \advance\beamer@zoomcount by1\relax%
2335     \def\beamer@zoomborderwidth{0}%
2336     \edef\beamer@labelzoomed{\beamer@labelzoomed@the\beamer@zoomframecount @the\beamer@zoomcount}%
2337     \setkeys{beamerzoom}{#3}%
2338     \only<#1>{%
2339         {\hypersetup{pdfhighlight={/P},pdfborder={0 0 \beamer@zoomborderwidth}}}%
2340         \global\setbox\@tempboxa=\vbox{\hyperlink{\beamer@labelzoomed}{%
2341             \expandafter\ifx\csname XeTeXrevision\endcsname\relax
2342                 \vbox to #7{%
2343                     \hbox to#6{\hfil}%
2344                     \vfil%
2345                 }%
2346             \else%
2347                 \begingroup%
2348                 \normalsize%
2349                 \begin{pgfpicture}{0pt}{0pt}{#6}{#7}%
2350                     \pgfsetfillopacity{0}
2351                     \pgftext[x=0cm,y=3pt]{.}
2352                     \pgftext[x=#6,y=\dimexpr#7-\baselineskip+3pt]{.}
2353                 \end{pgfpicture}%
2354                 \endgroup%
2355             \fi%
2356         }}%
2357         \ht\@tempboxa=0pt%
2358         \wd\@tempboxa=0pt%
2359         \dp\@tempboxa=0pt%
2360         \setbox\@tempboxa=\vbox{\if@RTL\moveleft\fi#4\hbox{\lower#5\vbox{\box\@tempboxa}%
2361             \ht\@tempboxa=0pt%
2362             \wd\@tempboxa=0pt%
2363             \dp\@tempboxa=0pt%
2364             \global\setbox\beamer@zoombox=\vbox to0pt{\unvbox\beamer@zoombox\box\@tempboxa}%
2365         }%
2366         \only<#2>{%
2367             \@ifundefined{\beamer@labelzoomed}%
2368             {%
2369                 \hypertarget{\beamer@labelzoomed}{}%
2370                 \expandafter\gdef\csname\beamer@labelzoomed\endcsname{}%
2371             }{}%
2372             \gdef\beamer@zoomer{%

```



```

2373 % compute zoom factor
2374 \@tempdima=\beamer@frametextheight%
2375 \@tempdimb=#7\relax%
2376 \@tempcnta=\@tempdimb%
2377 \divide\@tempcnta by4096\relax%
2378 \multiply\@tempdima by16\relax%
2379 \divide\@tempdima by\@tempcnta%
2380 \@tempdimb=\paperwidth%
2381 \ifbeamer@plainframe%
2382 \else%
2383   \advance\@tempdimb by-\beamer@leftsidebar%
2384   \advance\@tempdimb by-\beamer@rightsidebar\relax%
2385 \fi%
2386 \@tempdimc=#6\relax%
2387 \@tempcntb=\@tempdimc%
2388 \divide\@tempcntb by4096\relax%
2389 \multiply\@tempdimb by16\relax%
2390 \divide\@tempdimb by\@tempcntb%
2391 \ifdim\@tempdimb<\@tempdima%
2392   \@tempdima=\@tempdimb%
2393 \fi%
2394 \edef\beamer@temp{\strip@pt\@tempdima}%
2395 \@tempdimc=\beamer@frametextheight%
2396 \advance\@tempdimc by4pt%
2397 \@tempdimb=\paperwidth%
2398 \ifbeamer@plainframe%
2399 \else%
2400   \advance\@tempdimb by-\beamer@leftsidebar%
2401   \advance\@tempdimb by-\beamer@rightsidebar\relax%
2402 \fi%
2403 \setbox\@tempboxa=\vbox{\hsize=\@tempdimb\Acrobatmenu{GoBack}{\vbox to
2404   \beamer@frametextheight{\hbox to\@tempdimb{\hfil}\vfil}}}%
2405 \ht\@tempboxa=0pt%
2406 \wd\@tempboxa=0pt%
2407 \dp\@tempboxa=0pt%
2408 \setbox\beamer@framebox=\vbox to\beamer@frametextheight{%
2409   \ifbeamer@plainframe\beamer@leftmargin=Gm@lmargin\fi%
2410   \if@RTL
2411     \begin{pgfpicture}{\paperwidth-\beamer@leftmargin}{-\beamer@frametextheight}{\paperwidth-\beamer@leftmargin}{\beamer@frametextheight}
2412       \pgftext[right,top]{\box\@tempboxa}
2413       \pgfpathrectangle{\pgfpoint{0pt}{-\@tempdimc}}{\pgfpoint{\@tempdimb}{\@tempdimc}}
2414       \pgfusepath{clip}
2415       \begin{group}
2416         \pgftransformscale{\beamer@temp}
2417         \@tempdima=#4\relax%
2418         \@tempdimb=#5\relax%
2419         {\pgftransformshift{\pgfpoint{\@tempdima+#6}{\@tempdimb}}%
2420         \pgftext[right,top]{\vbox{\vbox{} \nointerlineskip\unvbox\beamer@framebox}}
2421       \end{group}
2422     \end{pgfpicture}%
2423   \else
2424     \begin{pgfpicture}{\beamer@leftmargin}{-\beamer@frametextheight}{\beamer@leftmargin+\beamer@rightmargin}{\beamer@frametextheight}
2425       \pgftext[left,top]{\box\@tempboxa}
2426       \pgfpathrectangle{\pgfpoint{0pt}{-\@tempdimc}}{\pgfpoint{\@tempdimb}{\@tempdimc}}

```



```

2427         \pgfusepath{clip}
2428         \beginpgfgroup
2429             \pgftransformscale{\beamer@temp}
2430             \@tempdima=#4\relax%
2431             \@tempdimb=#5\relax%
2432             {\pgftransformshift{\pgfpoint{-\@tempdima}{\@tempdimb}}}%
2433             \pgftext[left,top]{\vbox{\vbox{} \nointerlineskip\unvbox\beamer@framebox}}
2434         \endpgfgroup
2435     \end{pgfpicture}%
2436     \fi
2437 }%
2438 \setbox\beamer@framebox=\vbox{%
2439     \nobreak\vbox{} \nobreak\par \nobreak\beamer@entrycode \nobreak%
2440     \nointerlineskip\unvbox\beamer@frametitlebox%
2441     \nobreak%
2442     \box\beamer@framebox%
2443     \nobreak%
2444     \vss%
2445     \beamer@exitcode%
2446 }%
2447 \global\setbox\beamer@footins=\box\voidb@x% no footnotes in zoomed slides
2448 }%
2449 }%
2450 }
2451
2452

```

## 21 File beamerbaselocalstructure-xetex-bidi.def

```

2453 \ProvidesFile{beamerbaselocalstructure-xetex-bidi.def}[2022/05/24 v0.1 bidi adaptations for
2454 \def\beamer@enum@{%
2455     \beamer@compute@pref\@itemdepth% sets \beameritemnestingprefix
2456     \usebeamerfont{itemize/enumerate \beameritemnestingprefix body}%
2457     \bgroup
2458     \usebeamerfont{fg}{itemize/enumerate \beameritemnestingprefix body}%
2459     \usebeamerfont{itemize/enumerate \beameritemnestingprefix body begin}%
2460     \egroup
2461     \expandafter
2462     \list
2463     {\usebeamerfont{\beamer@enumtempl}}
2464     {\usecounter\@enumctr%
2465         \def\makelabel##1{{\hss\llap{{%
2466             \usebeamerfont*{enumerate \beameritemnestingprefix item}%
2467             \usebeamerfont{fg}{enumerate \beameritemnestingprefix item}##1}}}}}%
2468     \beamer@cramped%
2469     \bidi@beamer@ragged%
2470     \beamer@firstlineitemizeunskip%
2471 }
2472
2473 \renewcommand{\itemize}[1] [] {%
2474     \ifblank{#1}{{\def\beamer@defaulttospec{#1}}}%
2475     \ifnum \@itemdepth >2\relax\@toodeep\else
2476         \advance\@itemdepth\@ne
2477         \beamer@compute@pref\@itemdepth% sets \beameritemnestingprefix

```



```

2478 \usebeamerfont{itemize/enumerate \beameritemnestingprefix body}%
2479 \bgroup
2480 \usebeamerfont{fg}{itemize/enumerate \beameritemnestingprefix body}%
2481 \usebeamerfont{itemize/enumerate \beameritemnestingprefix body begin}%
2482 \egroup
2483 \list
2484 {\usebeamerfont{itemize \beameritemnestingprefix item}}
2485 {\def\makelabel##1{%
2486   {%
2487     \hss\llap{%
2488       \usebeamerfont*{itemize \beameritemnestingprefix item}%
2489       \usebeamerfont{fg}{itemize \beameritemnestingprefix item}##1}}%
2490   }%
2491 }%
2492 }
2493 \fi%
2494 \beamer@cramped%
2495 \bidi@beamer@ragged%
2496 \beamer@firstlineitemizeunskip%
2497 }
2498
2499 \def\@@description{%
2500 \advance\beamer@descdefault by \labelsep%
2501 \usebeamerfont{description body}%
2502 \bgroup
2503 \usebeamerfont{fg}{description body}%
2504 \usebeamerfont{description body begin}%
2505 \egroup
2506 \list
2507 {}
2508 {\labelwidth\beamer@descdefault\leftmargin\beamer@descdefault\let\makelabel\beamer@descrip
2509 \beamer@cramped%
2510 \bidi@beamer@ragged
2511 \beamer@firstlineitemizeunskip%
2512 }
2513
2514 \renewenvironment{thebibliography}[1]
2515 {%\leavevmode\unskip%
2516 \ifRTL\ifLTRbibitems\RTLfalse\else\fi\else\ifRTLbibitems\RTLtrue\else\fi\fi
2517 \bidi@thebibliography@font@hook%
2518 \list{\@biblabel{\@arabic\c@enumiv}}%
2519 {\settowidth\labelwidth{\beamer@biblabeltemplate{\@biblabel{#1}}}%
2520 \leftmargin\labelwidth
2521 \advance\leftmargin\labelsep
2522 \itemsep=0pt%
2523 \partopsep=0pt%
2524 \topsep=0pt%
2525 \usecounter{enumiv}%
2526 \let\p@enumiv\@empty
2527 \renewcommand\theenumiv{\@arabic\c@enumiv}
2528 \let\makelabel\beamer@biblabeltemplate}%
2529 \sloppy\bidi@beamer@ragged
2530 \clubpenalty10000
2531 \@clubpenalty \clubpenalty

```



```

2532     \widowpenalty10000%
2533     \sfcode`\.\@m}
2534     {\def\@noitemerr
2535      {\@latex@warning{Empty `thebibliography' environment}}}%
2536     \ifhmode\unskip\fi\endlist}
2537
2538

```

## 22 File beamerbasemisc-xetex-bidi.def

```

2539 \ProvidesFile{beamerbasemisc-xetex-bidi.def}[2022/06/27 v0.1 bidi adaptations for beamerbase
2540 \define@key{beamerst}{width}{%
2541   \def\beamer@ststart{%
2542     \begin{minipage}[t]{#1}%
2543       \bidi@beamer@ragged
2544       \beamer@stalign
2545       \beamer@stlinebreakrule
2546     }%
2547   \def\beamer@stend{\end{minipage}}}}
2548
2549

```

## 23 File beamerbasenavigation-xetex-bidi.def

```

2550 \ProvidesFile{beamerbasenavigation-xetex-bidi.def}[2022/06/27 v0.2 bidi adaptations for beam
2551 \def\slideentry#1#2#3#4#5#6{%
2552   %section number, subsection number, slide number, first/last frame, page number, part numb
2553   \ifnum#6=\c@part\ifnum#1>0\ifnum#3>0%
2554     \ifbeamer@compress%
2555       \advance\beamer@xpos by1\relax%
2556     \else%
2557       \ifnum#2=0%
2558         \beamer@ypos@offset=1\relax%
2559       \fi
2560       \beamer@xpos=#3\relax%
2561       \beamer@ypos=#2\relax%
2562       \advance\beamer@ypos by \beamer@ypos@offset\relax
2563     \fi%
2564   \hbox to 0pt{%
2565     \beamer@tempdim=-\beamer@vboxoffset%
2566     \advance\beamer@tempdim by-\beamer@boxsize%
2567     \multiply\beamer@tempdim by\beamer@ypos%
2568     \advance\beamer@tempdim by -.05cm%
2569     \raise\beamer@tempdim\hbox{%
2570       \beamer@tempdim=\beamer@boxsize%
2571       \multiply\beamer@tempdim by\beamer@xpos%
2572       \advance\beamer@tempdim by -\beamer@boxsize%
2573       \advance\beamer@tempdim by 1pt%
2574       \kern\beamer@tempdim
2575       \global\beamer@section@min@dim\beamer@tempdim
2576       \hbox{\beamer@link(#4){}%
2577         \usebeamerfont{mini frame}}%
2578       \ifnum\c@section=#1%
2579         \ifnum\c@subsection=#2%

```



```

2580         \usebeamercolor[fg]{mini frame}%
2581         \ifnum\c@sectionslide=#3%
2582             \usebeamertemplate{mini frame}%\beamer@minislidehighlight%
2583         \else%
2584             \usebeamertemplate{mini frame in current subsection}%\beamer@minisliderowhighlight%
2585         \fi%
2586     \else%
2587         \usebeamercolor{mini frame}%
2588         %\color{fg!50!bg}%
2589         \usebeamertemplate{mini frame in other subsection}%\beamer@minislide%
2590     \fi%
2591 \else%
2592     \usebeamercolor{mini frame}%
2593     %\color{fg!50!bg}%
2594     \usebeamertemplate{mini frame in other subsection}%\beamer@minislide%
2595 \fi%
2596 }}}\hskip-10cm plus 1fil%
2597 }\fi\fi%
2598 \else%
2599 \fakeslideentry{#1}{#2}{#3}{#4}{#5}{#6}%
2600 \fi\ignorespaces
2601 }
2602
2603 \pgfdefobject{bidi@beamer@RTL@gotosymbol}{\pgfpoint{0pt}{-1pt}}{\pgfpoint{5pt}{5pt}}
2604 {
2605     \pgfpathmoveto{3.5bp}{0.5bp}
2606     \pgfpathqlineto{1.5bp}{2bp}
2607     \pgfpathqlineto{3.5bp}{3.5bp}
2608     \pgfusepathqfill
2609 }
2610
2611 \def\insertgotosymbol{%
2612 \if@RTL
2613     \begin{pgfpicture}{-1pt}{0pt}{4pt}{5pt}
2614         \pgfuseobject{bidi@beamer@RTL@gotosymbol}%
2615     \end{pgfpicture}%
2616 \else
2617     \begin{pgfpicture}{1pt}{0pt}{6pt}{5pt}
2618         \pgfuseobject{beamer@gotosymbol}%
2619     \end{pgfpicture}%
2620 \fi
2621 }
2622
2623 \pgfdefobject{bidi@beamer@RTL@skipsymbol}{\pgfpoint{0pt}{-1pt}}{\pgfpoint{7pt}{5pt}}
2624 {
2625     \pgfpathmoveto{5.5bp}{0.5bp}
2626     \pgfpathqlineto{3.5bp}{2bp}
2627     \pgfpathqlineto{5.5bp}{3.5bp}
2628     \pgfpathmoveto{3.5bp}{0.5bp}
2629     \pgfpathqlineto{1.5bp}{2bp}
2630     \pgfpathqlineto{3.5bp}{3.5bp}
2631     \pgfusepathqfill
2632 }
2633

```



```

2634 \def\insertskipsymbol{%
2635 \if@RTL
2636   \begin{pgfpicture}{-1pt}{0pt}{6pt}{5pt}
2637     \pgfuseobject{bidi@beamer@RTL@skipsymbol}%
2638   \end{pgfpicture}%
2639 \else
2640   \begin{pgfpicture}{1pt}{0pt}{8pt}{5pt}
2641     \pgfuseobject{beamer@skipsymbol}%
2642   \end{pgfpicture}%
2643 \fi
2644 }
2645
2646 \pgfdefobject{bidi@beamer@RTL@returnsymbol}{\pgfpoint{0pt}{-1pt}}{\pgfpoint{5pt}{5pt}}
2647 {
2648   \pgfpathmoveto{1.5bp}{0.5bp}
2649   \pgfpathqlineto{3.5bp}{2bp}
2650   \pgfpathqlineto{1.5bp}{3.5bp}
2651   \pgfusepathqfill
2652 }
2653
2654 \def\insertreturnsymbol{%
2655 \if@RTL
2656   \begin{pgfpicture}{-1pt}{0pt}{4pt}{5pt}
2657     \pgfuseobject{bidi@beamer@RTL@returnsymbol}%
2658   \end{pgfpicture}%
2659 \else
2660   \begin{pgfpicture}{1pt}{0pt}{6pt}{5pt}
2661     \pgfuseobject{beamer@returnsymbol}%
2662   \end{pgfpicture}%
2663 \fi
2664 }
2665
2666

```

## 24 File beamerbaseoverlay-xetex-bidi.def

```

2667 \ProvidesFile{beamerbaseoverlay-xetex-bidi.def}[2022/06/10 v0.1 bidi adaptations for beamer]
2668 \renewcommand<>{\color}{\alt#1{\beameroriginal{\color}}{\beamer@gobbleoptionalinsp}}
2669
2670

```

## 25 File beamerinnerthemedefault-xetex-bidi.def

```

2671 \ProvidesFile{beamerinnerthemedefault-xetex-bidi.def}[2022/06/27 v0.6 bidi adaptations for beamer]
2672 \newcommand*{\bidi@beamer@leftskip}{%
2673   \if@RTL
2674     \rightskip
2675   \else
2676     \leftskip
2677   \fi
2678 }
2679
2680 \newcommand*{\bidi@beamer@rightskip}{%
2681   \if@RTL

```



```

2682     \leftskip
2683   \else
2684     \rightskip
2685   \fi
2686 }
2687
2688 \bidi@csundef{beamer@@tmpop@subsection in toc@default}
2689
2690 \bidi@csundef{beamer@@tmpop@subsubsection in toc@default}
2691
2692 \defbeamertemplate*{subsection in toc}{default}
2693 {\leavevmode\bidi@beamer@leftskip=1.5em\inserttocsubsection\par}
2694
2695 \defbeamertemplate*{subsubsection in toc}{default}
2696 {\leavevmode\normalsize\usebeamerfont{subsection in toc}\bidi@beamer@leftskip=3em%
2697   \usebeamerfont{subsubsection in toc}\inserttocsubsubsection\par}
2698
2699 \newcommand*{\bidi@beamer@blacktriangle}{%
2700   \if@RTL
2701     $\blacktriangleleft$%
2702   \else
2703     $\blacktriangleright$%
2704   \fi
2705 }
2706
2707 \bidi@csundef{beamer@@tmpop@itemize item@default}
2708
2709 \bidi@csundef{beamer@@tmpop@itemize subitem@default}
2710
2711 \bidi@csundef{beamer@@tmpop@itemize subsubitem@default}
2712
2713 \defbeamertemplate*{itemize item}{default}{\usebeamerfont*{itemize item}\raise1.25pt\hbox{\d
2714 \defbeamertemplate*{itemize subitem}{default}{\usebeamerfont*{itemize subitem}\raise1.5pt\hb
2715 \defbeamertemplate*{itemize subsubitem}{default}{\usebeamerfont*{itemize subsubitem}\raise1.
2716
2717 \bidi@undef\beamer@@tmpop@footnote@default
2718
2719 \defbeamertemplate*{footnote}{default}
2720 {
2721   \parindent 1em\noindent%
2722   \bidi@beamer@ragged
2723   \hbox to 1.8em{\hfil\insertfootnotemark}\insertfootnotetext\par%
2724 }
2725
2726 \defbeamertemplate*{RTLfootnote}{default}
2727 {
2728   \parindent 1em\noindent%
2729   \raggedleft
2730   \hbox to 1.8em{\hfil\insertfootnotemark}\insertfootnotetext\par%
2731 }
2732
2733 \defbeamertemplate*{LTRfootnote}{default}
2734 {
2735   \parindent 1em\noindent%

```



```

2736 \raggedright
2737 \hbox to 1.8em{\hfil\insertfootnotemark}\insertfootnotetext\par%
2738 }
2739
2740 \bidi@undef\beamer@@tmpop@caption@default
2741
2742 \defbeamertemplate*{caption}{default}
2743 {%
2744 \bidi@beamer@ragged
2745 {%
2746 \leavevmode
2747 \usebeamercolor[fg]{caption name}%
2748 \usebeamerfont*{caption name}%
2749 \insertcaptionname
2750 \usebeamertemplate{caption label separator}%
2751 }%
2752 \insertcaption\par
2753 }
2754
2755 \bidi@csundef{beamer@@tmpop@block begin@default}
2756
2757 \bidi@csundef{beamer@@tmpop@block alerted begin@default}
2758
2759 \bidi@csundef{beamer@@tmpop@block example begin@default}
2760
2761 \defbeamertemplate*{block begin}{default}
2762 {
2763 \par\vskip\medskipamount%
2764 \begin{beamercolorbox}[colsep*=.75ex]{block title}
2765 \usebeamerfont*{block title}\insertblocktitle%
2766 \end{beamercolorbox}%
2767 {\parskip0pt\par}%
2768 \ifbeamercoloreempty[bg]{block title}
2769 {}
2770 {\ifbeamercoloreempty[bg]{block body}{\nointerlineskip\vskip-0.5pt}}%
2771 \usebeamerfont{block body}%
2772 \begin{beamercolorbox}[colsep*=.75ex,vmode]{block body}%
2773 \ifbeamercoloreempty[bg]{block body}{\vskip-.25ex}{\leavevmode\vskip-\dimexpr.75ex+\baselineskip}%
2774 }
2775
2776 \defbeamertemplate*{block alerted begin}{default}
2777 {
2778 \par\vskip\medskipamount%
2779 \begin{beamercolorbox}[colsep*=.75ex]{block title alerted}
2780 \usebeamerfont*{block title alerted}\insertblocktitle%
2781 \end{beamercolorbox}%
2782 {\parskip0pt\par}%
2783 \ifbeamercoloreempty[bg]{block title alerted}
2784 {}
2785 {\ifbeamercoloreempty[bg]{block body alerted}{\nointerlineskip\vskip-0.5pt}}%
2786 \usebeamerfont{block body alerted}%
2787 \begin{beamercolorbox}[colsep*=.75ex,vmode]{block body alerted}%
2788 \ifbeamercoloreempty[bg]{block body alerted}{\vskip-.25ex}{\leavevmode\vskip-\dimexpr.75ex+\baselineskip}%
2789 }

```



```

2790
2791 \defbeamertemplate*{block example begin}{default}
2792 {
2793   \par\vskip\medskipamount%
2794   \begin{beamercolorbox}[colsep*=.75ex]{block title example}
2795     \usebeamerfont*{block title example}\insertblocktitle%
2796   \end{beamercolorbox}%
2797   {\parskip0pt\par}%
2798   \ifbeamercoloreempty[bg]{block title example}
2799   {}
2800   {\ifbeamercoloreempty[bg]{block body example}{\nointerlineskip\vskip-0.5pt}}%
2801   \usebeamerfont{block body example}%
2802   \begin{beamercolorbox}[colsep*=.75ex,vmode]{block body example}%
2803     \ifbeamercoloreempty[bg]{block body example}{\vskip-.25ex}{\leavevmode\vskip-\dimexpr.75ex}
2804   }
2805
2806 \bidi\csundef{beamer@@tmpop@abstract begin@default}
2807
2808 \defbeamertemplate*{abstract begin}{default}
2809 {\beamercolorbox[vmode]{abstract}\bidi@beamer@leftskip2em\bidi@beamer@rightskip2em plus 1fil}
2810
2811 \bidi\undef{beamer@@tmpop@button@default}
2812
2813 \defbeamertemplate*{button}{default}
2814 {%
2815   \setbox\beamer@tempbox=\hbox{\insertbuttontext}%
2816   \ht\beamer@tempbox=6pt%
2817   \dp\beamer@tempbox=0pt%
2818   \setbox\beamer@tempbox=\vbox{\box\beamer@tempbox\vskip2pt}%
2819   \beamer@tempdim=\wd\beamer@tempbox%
2820   \beamer@dima=\beamer@tempdim\advance\beamer@dima by2.2pt
2821   \beamer@dimb=\beamer@tempdim\advance\beamer@dimb by4pt
2822   \if@RTL
2823     \kern4pt%
2824     \box\beamer@tempbox%
2825     \hskip-\beamer@tempdim%
2826   \fi
2827   \begin{pgfpicture}{-4pt}{0pt}{\the\beamer@tempdim}{8pt}
2828     \color{bg}
2829     \pgfsetlinewidth{0.8pt}
2830     \pgfpathqmoveto{0pt}{0pt}
2831     \pgfpathqcurveto{-2.2pt}{0pt}{-4pt}{1.8pt}{-4pt}{4pt}
2832     \pgfpathqcurveto{-4pt}{6.2pt}{-2.2pt}{8pt}{0pt}{8pt}
2833     \pgfpathlineto{\pgfpoint{\the\beamer@tempdim}{8pt}}
2834     \pgfpathcurveto%
2835       {\pgfpoint{\the\beamer@dima}{8pt}}%
2836       {\pgfpoint{\the\beamer@dimb}{6.2pt}}%
2837       {\pgfpoint{\the\beamer@dimb}{4pt}}
2838     \pgfpathcurveto%
2839       {\pgfpoint{\the\beamer@dimb}{1.8pt}}%
2840       {\pgfpoint{\the\beamer@dima}{0pt}}%
2841       {\pgfpoint{\the\beamer@tempdim}{0pt}}
2842     \pgfpathclose
2843     \pgfusepathqfill

```



```

2844 \colorlet{bg}{parent.bg}
2845 \usebeamercolor[fg]{button border}
2846 \pgfpathmoveto{0pt}{0pt}
2847 \pgfpathqcurveto{-2.2pt}{0pt}{-4pt}{1.8pt}{-4pt}{4pt}
2848 \pgfpathqcurveto{-4pt}{6.2pt}{-2.2pt}{8pt}{0pt}{8pt}
2849 \pgfpathlineto{\pgfpoint{\the\beamer@tempdim}{8pt}}
2850 \pgfpathcurveto%
2851 {\pgfpoint{\the\beamer@dima}{8pt}}%
2852 {\pgfpoint{\the\beamer@dimb}{6.2pt}}%
2853 {\pgfpoint{\the\beamer@dimb}{4pt}}
2854 \pgfpathcurveto%
2855 {\pgfpoint{\the\beamer@dimb}{1.8pt}}%
2856 {\pgfpoint{\the\beamer@dima}{0pt}}%
2857 {\pgfpoint{\the\beamer@tempdim}{0pt}}
2858 \pgfpathclose
2859 \pgfusepathqstroke
2860 \end{pgfpicture}%
2861 \ifRTL
2862 \else
2863 \hskip-\beamer@tempdim%
2864 \box\beamer@tempbox%
2865 \kern4pt%
2866 \fi
2867 }
2868
2869

```

## 26 File beamerinnerthemecircles-xetex-bidi.def

```

2870 \ProvidesFile{beamerinnerthemecircles-xetex-bidi.def}[2022/06/06 v0.1 bidi adaptations for b
2871 \setbeamertemplate{sections/subsections in toc}[circle]
2872

```

## 27 File beamerinnerthemefocus-xetex-bidi.def

```

2873 \ProvidesFile{beamerinnerthemefocus-xetex-bidi.def}[2022/06/13 v0.1 bidi adaptations for bea
2874 \setbeamertemplate{section in toc}[square]
2875 \setbeamertemplate{subsection in toc}[square]
2876
2877 \setbeamertemplate{itemize items}[square]
2878 \setbeamertemplate{itemize subitem}[triangle]
2879
2880 \bidi@csundef{beamer@@tmpop@title page@focus}
2881
2882 \defbeamertemplate*{title page}{focus}{%
2883   {%
2884     \usebeamercolor{frametitle}\colorlet{focus@@temp}{bg}%
2885     \begin{tikzpicture}[overlay, remember picture]
2886       \fill[color=focus@@temp] (current page.north west) rectangle ([shift = {(0, -0.4
2887     \end{tikzpicture}
2888   }
2889
2890 \vspace{-1.65\baselineskip}
2891 \begin{minipage}[b] [0.35\paperheight]{\textwidth}

```



```

2892         \vspace{\baselineskip}
2893         \usebeamerfont{title}
2894         \usebeamercolor[fg]{frametitle}
2895         \inserttitle
2896     \end{minipage}
2897
2898     \begin{minipage}[t][0.1\paperheight]{\textwidth}
2899         \usebeamerfont{subtitle}
2900         \usebeamercolor[fg]{frametitle}
2901         \insertsubtitle
2902     \end{minipage}
2903
2904     % Set the title graphic in a zero-height box, so that
2905     % the position of other elements is not affected.
2906     {\vfuzz=9999pt\vbox to 0pt {
2907         \if@RTL
2908             \raggedright
2909         \else
2910             \raggedleft
2911         \fi
2912         \inserttitlegraphic
2913     }}
2914
2915     \begin{minipage}[t]{\textwidth}
2916         \usebeamerfont{author}
2917         \insertauthor
2918     \end{minipage}
2919
2920     \vspace*{\baselineskip}
2921     \begin{minipage}[t]{\textwidth}
2922         \usebeamerfont{institute}
2923         \insertinstitute
2924     \end{minipage}
2925
2926     \vspace*{\baselineskip}
2927     \begin{minipage}[t]{\textwidth}
2928         \usebeamerfont{date}
2929         \insertdate
2930     \end{minipage}
2931
2932     \vspace*{0pt plus 100fill}
2933
2934     \addtocounter{framenumbers}{-1}
2935     \addtocounter{realframenumbers}{-1}
2936 }
2937
2938
2939

```

## 28 File beamerinnerthemeinmargin-xetex-bidi.def

```

2940 \ProvidesFile{beamerinnerthemeinmargin-xetex-bidi.def}[2022/06/09 v0.1 bidi adaptations for
2941 \AtBeginDocument{%
2942     \setbeamersize{sidebar width left=.25\paperwidth}%

```



```

2943 }
2944
2945 \bidi@csundef{beamer@@tmpop@section in toc@inmargin}
2946
2947 \bidi@csundef{beamer@@tmpop@title page@inmargin}
2948
2949 \bidi@csundef{beamer@@tmpop@block begin@inmargin}
2950
2951 \bidi@csundef{beamer@@tmpop@block end@inmargin}
2952
2953 \bidi@csundef{beamer@@tmpop@block alerted begin@inmargin}
2954
2955 \bidi@csundef{beamer@@tmpop@block alerted end@inmargin}
2956
2957 \bidi@csundef{beamer@@tmpop@block example begin@inmargin}
2958
2959 \bidi@csundef{beamer@@tmpop@block example end@inmargin}
2960
2961 \defbeamertemplate*{section in toc}{inmargin}
2962 {\leavevmode
2963   \beamer@putleft{\usebeamercolor[fg]{section in toc}\inserttocsection}\strut}{2.5ex}}
2964
2965 \defbeamertemplate*{title page}{inmargin}
2966 {
2967   \begin{block}{\inserttitleindicator}
2968     \bgroup\usebeamercolor[fg]{title}\usebeamerfont{title}\inserttitle\egroup\par
2969     \usebeamercolor[fg]{subtitle}\usebeamerfont{subtitle}\insertsubtitle
2970   \end{block}
2971   \vfill
2972   \ifx\insertauthor\@empty
2973   \else
2974     \begin{block}{\insertauthorindicator}
2975       \bgroup\usebeamercolor[fg]{author}\usebeamerfont{author}\insertauthor\egroup\par
2976     \end{block}
2977   \fi
2978   \ifx\insertinstitute\@empty
2979   \else
2980     \begin{block}{\insertinstituteindicator}
2981       \bgroup\usebeamercolor[fg]{institute}\usebeamerfont{institute}\insertinstitute\egroup\par
2982     \end{block}
2983   \fi
2984   \ifx\insertdate\@empty
2985   \else
2986     \begin{block}{\insertdateindicator}
2987       \bgroup\usebeamercolor[fg]{date}\usebeamerfont{date}\insertdate\egroup\par
2988     \end{block}
2989   \fi
2990 }
2991
2992 \defbeamertemplate*{block begin}{inmargin}
2993 {
2994   \par\vskip\medskipamount%
2995   \leavevmode%
2996   \beamer@putleft{\normalfont{\usebeamercolor[fg]{block title}\usebeamerfont*{block title}\i

```



```

2997 \beginL\beamer@putright
2998 %\usebeamercolor[fg]{block body}% to be done!
2999 }
3000
3001 \defbeamertemplate*{block end}{inmargin}
3002 {\endbeamer@putright\endL\vskip\smallskipamount}
3003
3004 \defbeamertemplate*{block alerted begin}{inmargin}
3005 {
3006 \par\vskip\medskipamount%
3007 \leavevmode%
3008 \beamer@putleft{\normalfont{\usebeamercolor[fg]{block title alerted}}\usebeamerfont*{block
3009 \beginL\beamer@putright
3010 %\usebeamercolor[fg]{block body alerted}% to be done!
3011 }
3012
3013 \defbeamertemplate*{block alerted end}{inmargin}
3014 {\endbeamer@putright\endL\vskip\smallskipamount}
3015
3016 \defbeamertemplate*{block example begin}{inmargin}
3017 {
3018 \par\vskip\medskipamount%
3019 \leavevmode%
3020 \beamer@putleft{\normalfont{\usebeamercolor[fg]{block title example}}\usebeamerfont*{block
3021 \beginL\beamer@putright
3022 %\usebeamercolor[fg]{block body example}% to be done
3023 }
3024
3025 \defbeamertemplate*{block example end}{inmargin}
3026 {\endbeamer@putright\endL\vskip\smallskipamount}
3027
3028 \bidi@AfterFile{beamerinnerthememetropolis-xetex-bidi.def}{%
3029 \setbeamertemplate{section in toc}[inmargin]%
3030 \setbeamertemplate{subsection in toc}[inmargin]%
3031 \setbeamertemplate{subsubsection in toc}[inmargin]%
3032 }
3033
3034

```

## 29 File beamerinnerthememetropolis-xetex-bidi.def

```

3035 \ProvidesFile{beamerinnerthememetropolis-xetex-bidi.def}[2022/06/13 v0.1 bidi adaptations fo
3036 \setbeamertemplate{title}{
3037 \bidi@beamer@ragged%
3038 \linespread{1.0}%
3039 \inserttitle%
3040 \par%
3041 \vspace*{0.5em}
3042 }
3043
3044 \setbeamertemplate{subtitle}{
3045 \bidi@beamer@ragged%
3046 \insertsubtitle%
3047 \par%

```



```

3048 \vspace*{0.5em}
3049 }
3050
3051 \bidi@csundef{beamer@@tmpop@section page@progressbar}
3052
3053 \defbeamertemplate{section page}{progressbar}{
3054 \centering
3055 \begin{minipage}{22em}
3056 \bidi@beamer@ragged
3057 \usebeamercolor{fg}{section title}
3058 \usebeamerfont{section title}
3059 \insertsectionhead\[-1ex]
3060 \usebeamertemplate*{progress bar in section page}
3061 \par
3062 \ifx\insertsubsectionhead\@empty\else%
3063 \usebeamercolor{fg}{subsection title}%
3064 \usebeamerfont{subsection title}%
3065 \insertsubsectionhead
3066 \fi
3067 \end{minipage}
3068 \par
3069 \vspace{\baselineskip}
3070 }
3071
3072 \setbeamertemplate{progress bar in section page}{
3073 \setlength{\metropolis@progressonsectionpage}{%
3074 \textwidth * \ratio{\insertframenumber pt}{\inserttotalframenumber pt}}%
3075 }%
3076 \begin{tikzpicture}
3077 \fill[bg] (0,0) rectangle (\textwidth, \metropolis@progressonsectionpage@linewidth);
3078 \if@RTLmain
3079 \fill[fg] (\textwidth-\metropolis@progressonsectionpage,0) rectangle (\textwidth, \metropolis@progressonsectionpage@linewidth);
3080 \else
3081 \fill[fg] (0,0) rectangle (\metropolis@progressonsectionpage, \metropolis@progressonsectionpage@linewidth);
3082 \fi
3083 \end{tikzpicture}%
3084 }
3085
3086 \renewcommand{\metropolis@block}[1]{
3087 \par\vskip\medskipamount%
3088 \setlength{\parskip}{0pt}
3089 \ifbeamercoloreempty[bg]{block title#1}{%
3090 \if@RTL
3091 \begin{beamercolorbox}[leftskip=0pt plus 4em]{block title#1}%
3092 \else
3093 \begin{beamercolorbox}[rightskip=0pt plus 4em]{block title#1}%
3094 \fi
3095 }{%
3096 \ifbeamercoloreempty[bg]{block title}{%
3097 \if@RTL
3098 \begin{beamercolorbox}[leftskip=0pt plus 4em]{block title#1}%
3099 \else
3100 \begin{beamercolorbox}[rightskip=0pt plus 4em]{block title#1}%
3101 \fi

```



```

3102 }%
3103 {%
3104 \if@RTL
3105   \begin{beamercolorbox}[
3106     sep=\dimexpr\metropolis@blocksep-\metropolis@blockadjust\relax,
3107     rightskip=\metropolis@blockadjust,
3108     leftskip=\dimexpr\metropolis@blockadjust plus 4em\relax
3109   ]{block title#1}%
3110   \else
3111   \begin{beamercolorbox}[
3112     sep=\dimexpr\metropolis@blocksep-\metropolis@blockadjust\relax,
3113     leftskip=\metropolis@blockadjust,
3114     rightskip=\dimexpr\metropolis@blockadjust plus 4em\relax
3115   ]{block title#1}%
3116   \fi
3117 }}%
3118   \usebeamerfont*{block title#1}%
3119   \metropolis@strut%
3120   \insertblocktitle%
3121   \metropolis@strut%
3122 \end{beamercolorbox}%
3123 \nointerlineskip%
3124 \ifbeamercoloreempty[bg]{block body#1}{%
3125   \begin{beamercolorbox}[vmode]{block body#1}}{
3126 \ifbeamercoloreempty[bg]{block body}{%
3127   \begin{beamercolorbox}[vmode]{block body#1}%
3128 }{%
3129   \begin{beamercolorbox}[sep=\metropolis@blocksep, vmode]{block body#1}%
3130   \vspace{-\metropolis@parskip}
3131 }}%
3132   \usebeamerfont{block body#1}%
3133   \setlength{\parskip}{\metropolis@parskip}%
3134 }
3135
3136
3137 \setbeamertemplate{footnote}{%
3138   \parindent 0em\noindent%
3139   \bidi@beamer@ragged
3140   \usebeamercolor{footnote}\hbox to 0.8em{\hfil\insertfootnotemark}\insertfootnotetext\par%
3141 }
3142
3143 \setbeamertemplate{RTLfootnote}{%
3144   \parindent 0em\noindent%
3145   \raggedleft
3146   \usebeamercolor{footnote}\hbox to 0.8em{\hfil\insertfootnotemark}\insertfootnotetext\par%
3147 }
3148
3149 \setbeamertemplate{LTRfootnote}{%
3150   \parindent 0em\noindent%
3151   \raggedright
3152   \usebeamercolor{footnote}\hbox to 0.8em{\hfil\insertfootnotemark}\insertfootnotetext\par%
3153 }
3154
3155 \setbeamertemplate{itemize items}{\textbullet}

```



```

3156
3157 \setbeamertemplate{section page}[progressbar]
3158
3159

```

### 30 File beamerinnerthemerectangles-xetex-bidi.def

```

3160 \ProvidesFile{beamerinnerthemerectangles-xetex-bidi.def}[2022/06/06 v0.1 bidi adaptations for b
3161 \setbeamertemplate{sections/subsections in toc}[square]
3162 \setbeamertemplate{items}[square]
3163

```

### 31 File beamerinnerthemerounded-xetex-bidi.def

```

3164 \ProvidesFile{beamerinnerthemerounded-xetex-bidi.def}[2022/06/01 v0.1 bidi adaptations for b
3165 \setbeamertemplate{blocks}[rounded] [shadow=\beamer@themerounded@shadow]
3166 \setbeamertemplate{items}[ball]
3167 \setbeamertemplate{sections/subsections in toc}[ball]
3168

```

### 32 File beamerouterthemedefault-xetex-bidi.def

```

3169 \ProvidesFile{beamerouterthemedefault-xetex-bidi.def}[2022/06/27 v0.2 bidi adaptations for b
3170 \def\beamer@fteleft{\if@RTLmain\vskip0.35cm\advance\leftskip by 1.7cm\advance\rightskip by1.
3171
3172 \def\beamer@fteright{\if@RTLmain\else\vskip0.35cm\advance\leftskip by 1.7cm\advance\rightski
3173
3174 \AtBeginDocument{%
3175   \if@RTLmain
3176     \setbeamertemplate{frametitle}[default] [right]
3177   \fi
3178 }
3179
3180 \bidi@csundef{beamer@@tmpop@note page@default}
3181
3182 \newcommand*{\bidi@beamer@today}{%
3183 \the\year-\ifnum\month<10\relax0\fi\the\month-\ifnum\day<10\relax0\fi\the\day}
3184
3185 \defbeamertemplate*{note page}{default}
3186 {%
3187   {%
3188     \scriptsize
3189     \usebeamerfont{note title}\usebeamercolor[fg]{note title}%
3190     \ifbeamercoloreempty[bg]{note title}{\}%
3191     \insertvrule{.25\paperheight}{note title.bg}%
3192     \vskip-.25\paperheight%
3193     \nointerlineskip%
3194   }%
3195   \vbox{
3196     \hfill\insertslideintonotes{0.25}\hskip-\Gm@rmargin\hskip0pt%
3197     \vskip-0.25\paperheight%
3198     \nointerlineskip
3199     \if@RTL
3200     \begin{pgfpicture}{-\textwidth}{0cm}{-\textwidth}{0cm}

```



```

3201         \begin{pgflowlevelslope}{\pgftransformrotate{-90}}
3202         {\pgftransformshift{\pgfpoint{2cm}{0.2cm}}}%
3203         \pgftext[base,right]{\usebeamerfont{note date}\usebeamercolor[fg]{note date}\bidi@
3204         \end{pgflowlevelslope}
3205         \end{pgfpicture}%
3206         \else
3207         \begin{pgfpicture}{0cm}{0cm}{0cm}{0cm}
3208         \begin{pgflowlevelslope}{\pgftransformrotate{90}}
3209         {\pgftransformshift{\pgfpoint{-2cm}{0.2cm}}}%
3210         \pgftext[base,left]{\usebeamerfont{note date}\usebeamercolor[fg]{note date}\bidi@
3211         \end{pgflowlevelslope}
3212         \end{pgfpicture}%
3213         \fi}
3214         \nointerlineskip
3215         \vbox to .25\paperheight{\vskip0.5em
3216         \if@RTL
3217         \moveright0.25\textwidth
3218         \fi
3219         \hbox{\insertshorttitle[width=0.75\textwidth]}}%
3220         \setbox\beamer@tempbox=\hbox{\insertsection}%
3221
3222         \if@RTL
3223         \moveright\dimexpr0.29\textwidth-14pt\relax
3224         \fi
3225         \hbox{\if@RTL\beginR\fi\ifdim\wd\beamer@tempbox>1pt{\hskip4pt\raise3pt\hbox{\vrule
3226         width0.4pt height7pt\vrule width 9pt
3227         height0.4pt}}\hskip1pt\hbox{\begin{minipage}[t]{0.71\textwidth}\def\breakhere{}%
3228         \if@RTL\endR\fi}}%
3229         \setbox\beamer@tempbox=\hbox{\insertsubsection}%
3230
3231         \if@RTL
3232         \moveright\dimexpr0.29\textwidth-27.4pt\relax
3233         \fi
3234         \hbox{\if@RTL\beginR\fi\ifdim\wd\beamer@tempbox>1pt{\hskip17.4pt\raise3pt\hbox{\vrule
3235         width0.4pt height7pt\vrule width 9pt
3236         height0.4pt}}\hskip1pt\hbox{\begin{minipage}[t]{0.71\textwidth}\def\breakhere{}%
3237         \if@RTL\endR\fi}}%
3238         \setbox\beamer@tempbox=\hbox{\insertshortframetitle}%
3239
3240         \if@RTL
3241         \moveright\dimexpr0.33\textwidth-40.8pt\relax
3242         \fi
3243         \hbox{\if@RTL\beginR\fi\ifdim\wd\beamer@tempbox>1pt{\hskip30.8pt\raise3pt\hbox{\vrule
3244         width0.4pt height7pt\vrule width 9pt
3245         height0.4pt}}\hskip1pt\hbox{\insertshortframetitle[width=0.67\textwidth]}\fi%
3246         \vfil}%
3247         }%
3248         \ifbeamercolorempy[bg]{note page}{-}{%
3249         \nointerlineskip%
3250         \insertvrule{.75\paperheight}{note page.bg}%
3251         \vskip-.75\paperheight%
3252         }%
3253         \vskip.25em
3254         \nointerlineskip
3255         \insertnote

```



```

3255 }
3256
3257
3258

```

### 33 File beamerouterthemefocus-xetex-bidi.def

```

3259 \ProvidesFile{beamerouterthemefocus-xetex-bidi.def}[2022/06/13 v0.1 bidi adaptations for bea
3260 \bidi@undef\beamer@tmpop@footline@progressbar
3261
3262 \defbeamertemplate*{footline}{progressbar}{%
3263   % If not appendix.
3264   \ifnum\mainend<0% From package appendixnumberbeamer.
3265     %
3266     \settowidth{\focus@pbar@leftoffset}{1}%
3267     \addtolength{\focus@pbar@leftoffset}{1.5em}%
3268     %
3269     \ifx\beamer@focus@totalframenumbering\no%
3270       \settowidth{\focus@pbar@rightoffset}{}%
3271       \addtolength{\focus@pbar@rightoffset}{0.5em}%
3272     \else%
3273       \settowidth{\focus@pbar@rightoffset}{\inserttotalframenumber}%
3274       \addtolength{\focus@pbar@rightoffset}{1.5em}%
3275     \fi%
3276     %
3277     % If not title page.
3278     \ifnum\value{realframenumber}>0%
3279       \ifnum\value{framenumber}<\inserttotalframenumber%
3280         \begin{tikzpicture}[inner xsep=0.5em, inner ysep=0.5ex]\usebeamerfont{footli
3281           \pgfmathsetmacro{\focus@pbar@progress}%
3282             {(\paperwidth-\focus@pbar@leftoffset-\focus@pbar@rightoffset)*(\inse
3283
3284           \clip (0,0) rectangle ++(\paperwidth,\the\focus@pbar@height);
3285 \if@RTLmain
3286           \fill[footline.bg] (\paperwidth,0) rectangle ++(-\the\focus@pbar@leftoff
3287           \fill[footline.bg] (\paperwidth-\the\focus@pbar@leftoffset,0) rectangle
3288             ++(0,{-0.5*\the\focus@pbar@height}) node[anchor=west,
3289 \else
3290           \fill[footline.bg] (0,0) rectangle ++(\the\focus@pbar@leftoffset,\the\fo
3291           \fill[footline.bg] (\the\focus@pbar@leftoffset,0) rectangle ++(\focus@pb
3292             ++(0,{-0.5*\the\focus@pbar@height}) node[anchor=east,
3293 \fi
3294           \ifx\beamer@focus@totalframenumbering\no%
3295           \else%
3296 \if@RTLmain
3297           \fill[footline.bg] (0,0) rectangle ++(\the\focus@pbar@rightoffset,\t
3298             ++(0,{-0.5*\the\focus@pbar@height}) node[anchor=e
3299 \else
3300           \fill[footline.bg] (\paperwidth,0) rectangle ++(-\the\focus@pbar@rig
3301             ++(0,{-0.5*\the\focus@pbar@height}) node[anchor=w
3302 \fi
3303           \fi%
3304           \end{tikzpicture}%
3305 \else%

```



```

3306          \begin{tikzpicture}[inner xsep=0.5em, inner ysep=0.5ex]
3307              \clip (0,0) rectangle ++(\paperwidth,\the\focus@pbar@height);
3308              \fill[footline.bg] (0,0) rectangle ++(\paperwidth,\the\focus@pbar@height);
3309          \if@RTLmain
3310              \node[anchor=west, footline.fg] at ({\the\focus@pbar@rightoffset},{0.5*\the\focus@pbar@height}){\footline};
3311          \else
3312              \node[anchor=east, footline.fg] at ({\paperwidth-\the\focus@pbar@rightoffset},{0.5*\the\focus@pbar@height}){\footline};
3313          \fi
3314          \ifx\beamer@focus@totalframenummering\no%
3315              \else%
3316          \if@RTLmain
3317              \node[footline.fg] at ({\the\focus@pbar@rightoffset},{0.5*\the\focus@pbar@height}){\footline};
3318              \node[anchor=east, footline.fg] at ({\the\focus@pbar@rightoffset},{0.5*\the\focus@pbar@height}){\footline};
3319          \else
3320              \node[footline.fg] at ({\paperwidth-\the\focus@pbar@rightoffset},{0.5*\the\focus@pbar@height}){\footline};
3321              \node[anchor=west, footline.fg] at ({\paperwidth-\the\focus@pbar@rightoffset},{0.5*\the\focus@pbar@height}){\footline};
3322          \fi
3323          \fi%
3324          \end{tikzpicture}%
3325          \fi%
3326          \fi%
3327          \fi%
3328      }
3329
3330

```

## 34 File beamerouterthemeinfoclines-xetex-bidi.def

```

3331 \ProvidesFile{beamerouterthemeinfoclines-xetex-bidi.def}[2022/06/09 v0.2 bidi adaptations for xetex]
3332 \bidi@csundef{beamer@tmpop@footline@infoclines theme}
3333
3334 \defbeamerfont*{footline}{infoclines theme}
3335 {%
3336     \leavevmode%
3337     \hbox{%
3338         \begin{beamercolorbox}[wd=.333333\paperwidth,ht=2.25ex,dp=1ex,center]{author in head/foot}%
3339             \usebeamerfont{author in head/foot}\insertshortauthor\expandafter\ifblank\expandafter{\author}%
3340             \end{beamercolorbox}%
3341             \begin{beamercolorbox}[wd=.333333\paperwidth,ht=2.25ex,dp=1ex,center]{title in head/foot}%
3342                 \usebeamerfont{title in head/foot}\insertshorttitle
3343             \end{beamercolorbox}%
3344             \begin{beamercolorbox}[wd=.333333\paperwidth,ht=2.25ex,dp=1ex,leftskip=2ex,rightskip=2ex,center]{date in head/foot}%
3345                 \hfill%
3346                 \usebeamerfont{date in head/foot}%
3347                 \insertshortdate{}%
3348                 \hfill%
3349             \bgroup
3350                 \usebeamerfont[fg]{page number in head/foot}%
3351                 \usebeamerfont{page number in head/foot}%
3352                 \usebeamerfont{page number in head/foot}%
3353             \egroup
3354         \end{beamercolorbox}}%
3355     \vskip0pt%
3356 }

```



```

3357
3358 \bidi@csundef{beamer@tmpop@headline@infolines theme}
3359
3360 \defbeamertemplate*{headline}{infolines theme}
3361 {%
3362   \leavevmode%
3363   \hbox{%
3364     \if@RTL
3365       \begin{beamercolorbox}[wd=.5\paperwidth,ht=2.65ex,dp=1.5ex,left]{section in head/foot}%
3366     \else
3367       \begin{beamercolorbox}[wd=.5\paperwidth,ht=2.65ex,dp=1.5ex,right]{section in head/foot}%
3368     \fi
3369       \usebeamerfont{section in head/foot}\insertsectionhead\hspace*{2ex}
3370     \end{beamercolorbox}}%
3371   \if@RTL
3372     \begin{beamercolorbox}[wd=.5\paperwidth,ht=2.65ex,dp=1.5ex,right]{subsection in head/foot}%
3373   \else
3374     \begin{beamercolorbox}[wd=.5\paperwidth,ht=2.65ex,dp=1.5ex,left]{subsection in head/foot}%
3375   \fi
3376     \usebeamerfont{subsection in head/foot}\hspace*{2ex}\insertsubsectionhead
3377   \end{beamercolorbox}}}%
3378   \vskip0pt%
3379 }
3380
3381 \bidi@AfterFile{beamerouterthememetropolis-xetex-bidi.def}{%
3382   \setbeamertemplate{footline}{infolines theme}%
3383 }
3384

```

## 35 File beamerouterthememetropolis-xetex-bidi.def

```

3385 \ProvidesFile{beamerouterthememetropolis-xetex-bidi.def}[2022/06/13 v0.1 bidi adaptations for]
3386 \setbeamertemplate{progress bar in head/foot}{
3387   \nointerlineskip
3388   \setlength{\metropolis@progressinheadfoot}{%
3389     \paperwidth * \ratio{\insertframenumber pt}{\inserttotalframenumber pt}}%
3390   }%
3391   \begin{beamercolorbox}[wd=\paperwidth]{progress bar in head/foot}
3392     \begin{tikzpicture}
3393       \fill[bg] (0,0) rectangle (\paperwidth, \metropolis@progressinheadfoot\linewidth);
3394     \if@RTLmain
3395       \fill[fg] (\paperwidth-\metropolis@progressinheadfoot,0) rectangle (\paperwidth, \metr
3396     \else
3397       \fill[fg] (0,0) rectangle (\metropolis@progressinheadfoot, \metropolis@progressinheadf
3398     \fi
3399     \end{tikzpicture}%
3400   \end{beamercolorbox}
3401 }
3402
3403 \AtBeginDocument{%
3404   \setbeamertemplate{frametitle}[plain]%
3405 }
3406
3407

```



## 36 File beamerouterthememiniframes-xetex-bidi.def

```
3408 \ProvidesFile{beamerouterthememiniframes-xetex-bidi.def}[2022/06/09 v0.1 bidi adaptations fo
3409 \bidi@csundef{beamer@tmpop@headline@miniframes theme}
3410
3411 \defbeamertemplate*{headline}{miniframes theme}
3412 {%
3413   \begin{beamercolorbox}[colsep=1.5pt]{upper separation line head}
3414   \end{beamercolorbox}
3415   \begin{beamercolorbox}{section in head/foot}
3416     \vskip2pt\if@RTL\beginR\fi\insertnavigation{\paperwidth}\if@RTL\endR\fi\vskip2pt
3417   \end{beamercolorbox}%
3418   \ifbeamer@theme@subsection%
3419     \begin{beamercolorbox}[colsep=1.5pt]{middle separation line head}
3420     \end{beamercolorbox}
3421     \if@RTL
3422     \begin{beamercolorbox}[ht=2.5ex,dp=1.125ex,%
3423       rightskip=.3cm,leftskip=.3cm plus1fil]{subsection in head/foot}
3424     \else
3425     \begin{beamercolorbox}[ht=2.5ex,dp=1.125ex,%
3426       leftskip=.3cm,rightskip=.3cm plus1fil]{subsection in head/foot}
3427     \fi
3428     \usebeamerfont{subsection in head/foot}\insertsubsectionhead
3429     \end{beamercolorbox}%
3430   \fi%
3431   \begin{beamercolorbox}[colsep=1.5pt]{lower separation line head}
3432   \end{beamercolorbox}
3433 }
3434
3435
```

## 37 File beamerouterthemesidebar-xetex-bidi.def

```
3436 \ProvidesFile{beamerouterthemesidebar-xetex-bidi.def}[2022/06/07 v0.2 bidi adaptations for b
3437 \bidi@csundef{beamer@tmpop@frametitle@sidebar theme}
3438
3439 \bidi@csundef{beamer@tmpop@headline@sidebar theme}
3440
3441 \bidi@csundef{beamer@tmpop@sidebar left@sidebar theme}
3442
3443 \bidi@csundef{beamer@tmpop@sidebar right@sidebar theme}
3444
3445 \ifdim\beamer@headheight>0pt
3446
3447   \defbeamertemplate*{frametitle}{sidebar theme}
3448   {%
3449     \nointerlineskip%
3450     \ifbeamer@plainframe%
3451       \hbox{\usebeamercolor[bg]{frametitle}%
3452         \@tempdima\paperwidth\advance\@tempdima-\beamer@sidebarwidth
3453         \hskip-\beamer@leftmargin\vrule height\beamer@headheight width\@tempdima\hskip-\bea
3454       \nointerlineskip%
3455     \fi%
3456     \vskip-\beamer@headheight%
```



```

3457 \vbox to \beamer@headheight{%
3458 \vfil
3459 \bidi@beamer@leftskip=-\beamer@leftmargin%
3460 \advance\bidi@beamer@leftskip by0.3cm%
3461 \bidi@beamer@rightskip=-\beamer@rightmargin%
3462 \advance\bidi@beamer@rightskip by0.3cm plus1fil%
3463 {\usebeamercolor[fg]{frametitle}\usebeamerfont{frametitle}\strut\insertframetitle\par}
3464 \ifx\insertframesubtitle\@empty\else%
3465 {\usebeamercolor[fg]{framesubtitle}\usebeamerfont{framesubtitle}\strut\insertframesubtitle\par}
3466 \fi%
3467 \vbox{}%
3468 \vskip-1em%
3469 \vfil
3470 }%
3471 }
3472
3473 \AtBeginDocument{%
3474 \setbeamertemplate{frametitle}[sidebar theme]%
3475 }
3476
3477 \defbeamertemplate*{headline}{sidebar theme}
3478 {%
3479 \begin{beamercolorbox}[wd=\paperwidth]{frametitle}
3480 \ifx\beamer@sidebarside\beamer@lefttext%
3481 \else%
3482 \hfill%
3483 \fi%
3484 \ifdim\beamer@sidebarwidth>0pt%
3485 \bgroup
3486 \usebeamercolor[bg]{logo}%
3487 \if@RTLmain
3488 \else
3489 \vrule width\beamer@sidebarwidth height \beamer@headheight%
3490 \hskip-\beamer@sidebarwidth%
3491 \fi
3492 \hbox to \beamer@sidebarwidth{\hss\vbox to
3493 \beamer@headheight{\vss\hbox{{\color{fg}\insertlogo}}\vss}\hss}%
3494 \if@RTLmain
3495 \hskip-\beamer@sidebarwidth%
3496 \vrule width\beamer@sidebarwidth height \beamer@headheight%
3497 \fi
3498 \egroup
3499 \else%
3500 \vrule width0pt height \beamer@headheight%
3501 \fi%
3502 \end{beamercolorbox}
3503 }
3504 \fi
3505
3506 \def\beamer@sidebarformat#1#2#3{%
3507 \if@RTL
3508 \begin{beamercolorbox}[wd=\beamer@sidebarwidth,rightskip=#1,leftskip=1ex plus1fil,vmode]{#2}
3509 \else
3510 \begin{beamercolorbox}[wd=\beamer@sidebarwidth,leftskip=#1,rightskip=1ex plus1fil,vmode]{#2}

```



```

3511 \fi
3512 \vbox{}%
3513 #3\par%
3514 \vbox{}%
3515 \vskip-1.5ex%
3516 \end{beamercolorbox}
3517 }
3518
3519 \ifdim\beamer@sidebarwidth>0pt
3520
3521 \AtBeginDocument{%
3522 \setbeamersize{sidebar width \beamer@sidebarside=\beamer@sidebarwidth}%
3523 }
3524
3525 \defbeamer*{sidebar \beamer@sidebarside}{sidebar theme}
3526 {
3527 \beamer@tempdim=\beamer@sidebarwidth%
3528 \advance\beamer@tempdim by -6pt%
3529 {\usebeamerfont{title in sidebar}%
3530 \vskip1.5em%
3531 \hskip3pt%
3532 \bgroup
3533 \usebeamercolor[fg]{title in sidebar}%
3534 \insertshorttitle[width=\beamer@tempdim,center,respectlinebreaks]\egroup\par%
3535 \vskip1.25em%
3536 }%
3537 {%
3538 \hskip3pt%
3539 \bgroup
3540 \usebeamercolor[fg]{author in sidebar}%
3541 \usebeamerfont{author in sidebar}%
3542 \insertshortauthor[width=\beamer@tempdim,center,respectlinebreaks]\egroup\par%
3543 \vskip1.25em%
3544 }%
3545 \insertverticalnavigation{\beamer@sidebarwidth}%
3546 \vfill
3547 \ifx\beamer@sidebarside\beamer@lefttext%
3548 \else%
3549 \usebeamercolor{normal text}%
3550 \llap{\usebeamer*{navigation symbols}\hskip0.1cm}%
3551 \vskip2pt%
3552 \fi%
3553 }%
3554 \fi
3555

```

### 38 File beamerouterthemesplit-xetex-bidi.def

```

3556 \ProvidesFile{beamerouterthemesplit-xetex-bidi.def}[2022/06/09 v0.2 bidi adaptations for bea
3557 \bidi\csundef{beamer@tmpop@footline@split theme}
3558
3559 \defbeamer*{footline}{split theme}
3560 {%
3561 \leavevmode%

```



```

3562 \hbox{\if@RTL\begin{beamercolorbox}[wd=.5\paperwidth,ht=2.5ex,dp=1.125ex,rightskip=.3cm pl
3563 \else
3564 \begin{beamercolorbox}[wd=.5\paperwidth,ht=2.5ex,dp=1.125ex,leftskip=.3cm plus1fill,rightski
3565 \fi
3566 \usebeamerfont{author in head/foot}\insertshortauthor
3567 \end{beamercolorbox}}%
3568 \if@RTL
3569 \begin{beamercolorbox}[wd=.5\paperwidth,ht=2.5ex,dp=1.125ex,rightskip=.3cm,leftskip=.3cm
3570 \else
3571 \begin{beamercolorbox}[wd=.5\paperwidth,ht=2.5ex,dp=1.125ex,leftskip=.3cm,rightskip=.3cm p
3572 \fi
3573 \usebeamerfont{title in head/foot}\insertshorttitle\nobreak\hfill\bgroup\usebeamercolor[
3574 \end{beamercolorbox}}}%
3575 \vskip0pt%
3576 }
3577
3578

```

### 39 File beamerouterthemeshadow-xetex-bidi.def

```

3579 \ProvidesFile{beamerouterthemeshadow-xetex-bidi.def}[2022/06/11 v0.3 bidi adaptations for be
3580 \pgfdeclarehorizontalshading[frametitle.bg,frametitle right.bg]{bidi@beamer@RTL@frametitlesh
3581 color(0pt)=(frametitle right.bg);
3582 color(\paperwidth)=(frametitle.bg)
3583 }
3584
3585 \newcommand*{\bidi@beamer@frametitleshade}{%
3586 \if@RTLmain
3587 \pgfuses shading{bidi@beamer@RTL@frametitleshade}%
3588 \else
3589 \pgfuses shading{beamer@frametitleshade}%
3590 \fi
3591 }
3592
3593 \bidi@csundef{beamer@@tmpop@frametitle@shadow theme}
3594
3595 \defbeamertemplate*{frametitle}{shadow theme}
3596 {%
3597 \nointerlineskip%
3598 \vskip-2pt%
3599 \hbox{\leavevmode
3600 \advance\beamer@leftmargin by -12bp%
3601 \advance\beamer@rightmargin by -12bp%
3602 \beamer@tempdim=\textwidth%
3603 \advance\beamer@tempdim by \beamer@leftmargin%
3604 \advance\beamer@tempdim by \beamer@rightmargin%
3605 \hskip-\Gm@lmargin\hbox{%
3606 \setbox\beamer@tempbox=\hbox{\begin{minipage}[b]{\paperwidth}%
3607 \vbox{\vskip-.75ex%
3608 \bidi@beamer@leftskip0.3cm%
3609 \bidi@beamer@rightskip0.3cm plus1fil\leavevmode
3610 \bgroup\usebeamercolor[fg]{frametitle}\usebeamerfont{frametitle}\strut\insertframe
3611 \ifx\insertframesubtitle\@empty\else%
3612 {\usebeamerfont*{framesubtitle}\usebeamercolor[fg]{framesubtitle}\insertframesub

```



```

3613         \fi%
3614         \nointerlineskip
3615         \vbox{}%
3616         \end{minipage}}%
3617     \beamer@tempdim=\ht\beamer@tempbox%
3618     \advance\beamer@tempdim by 2pt%
3619     \begin{pgfpicture}{0pt}{0pt}{\paperwidth}{\beamer@tempdim}
3620     \begin{pgfscope}
3621         \pgfsetfillcolor{black}%
3622         \pgfpathrectangle{\pgfpoint{0pt}{-4pt}}{\pgfpoint{\paperwidth}{8pt}}%
3623         \pgfsetfading{beamer@topshadowmask}{}%
3624         \pgfusepath{fill}%
3625     \end{pgfscope}
3626     \begin{pgfscope}
3627         \usebeamercolor{frametitle right}%
3628         \pgfpathrectangle{\pgfpointorigin}{\pgfpoint{\paperwidth}{\beamer@tempdim}}%
3629         \pgfusepath{clip}%
3630         \pgftext[left,base]{\bidi@beamer@frametitleshade}%
3631     \end{pgfscope}
3632     \end{pgfpicture}
3633     \hskip-\paperwidth%
3634     \box\beamer@tempbox%
3635 }%
3636 \hskip-\Gm@rmargin%
3637 }%
3638 \vskip-2pt
3639 }
3640
3641 \AtBeginDocument{%
3642   \setbeamertemplate{frametitle}[shadow theme]%
3643 }
3644
3645

```

## 40 File beamerouterthemesmoothbars-xetex-bidi.def

```

3646 \ProvidesFile{beamerouterthemesmoothbars-xetex-bidi.def}[2022/06/09 v0.1 bidi adaptations for]
3647 \bidi@csundef{beamer@tmpop@headline@smoothbars theme}
3648
3649 \bidi@csundef{beamer@tmpop@frametitle@smoothbars theme}
3650
3651 \defbeamertemplate*{headline}{smoothbars theme}
3652 {%
3653   \pgfuses shading{beamer@barshade}%
3654   \vskip-0.05ex%
3655   \begin{beamer colorbox}[wd=\paperwidth,ht=1ex,dp=0ex]{empty}
3656   \begin{pgfpicture}
3657     \begin{pgfscope}%
3658       \ifbeamer@sb@subsection%
3659         \pgfsetfillcolor{subsection in head/foot.bg}%
3660       \else%
3661         \pgfsetfillcolor{section in head/foot.bg}%
3662       \fi%
3663       \pgfpathrectangle{\pgfpoint{-0.5\paperwidth}{-0.5ex}}{\pgfpoint{\paperwidth}{1ex}}%

```



```

3664     \pgfsetfading{beamer@belowframetitlemask}{}%
3665     \pgfusepath{fill}%
3666     \end{pgfscope}%
3667 \end{pgfpicture}%
3668 \end{beamercolorbox}%
3669 \ifbeamer@sb@subsection%
3670     \vskip-9.75ex%
3671 \else%
3672     \vskip-6.85ex%
3673 \fi%
3674 \begin{beamercolorbox}[ignorebg,ht=2.25ex,dp=3.75ex]{section in head/foot}
3675     \insertnavigation{\paperwidth}
3676 \end{beamercolorbox}%
3677 \ifbeamer@sb@subsection%
3678 \if@RTL
3679     \begin{beamercolorbox}[ignorebg,ht=2.125ex,dp=1.125ex,%
3680         rightskip=.3cm,leftskip=.3cm plus1fil]{subsection in head/foot}
3681     \else
3682     \begin{beamercolorbox}[ignorebg,ht=2.125ex,dp=1.125ex,%
3683         leftskip=.3cm,rightskip=.3cm plus1fil]{subsection in head/foot}
3684     \fi
3685     \usebeamerfont{subsection in head/foot}\insertsubsectionhead
3686 \end{beamercolorbox}%
3687 \fi%
3688 }%
3689
3690 \defbeamertheme*{frametitle}{smoothbars theme}
3691 {%
3692     \nointerlineskip%
3693     \vskip-0.19ex%
3694     \usebeamerfont{headline}%
3695     \begin{beamercolorbox}[wd=\paperwidth,ht=1ex,dp=1ex,vmode]{empty}
3696         \pgfuses shading{beamer@aboveframetitle}%
3697     \end{beamercolorbox}%
3698     \vskip-1ex%
3699     \nointerlineskip%
3700     \if@RTL
3701     \begin{beamercolorbox}[wd=\paperwidth,rightskip=.3cm,leftskip=.3cm plus1fil,vmode]{frameti
3702     \else
3703     \begin{beamercolorbox}[wd=\paperwidth,leftskip=.3cm,rightskip=.3cm plus1fil,vmode]{frameti
3704     \fi
3705     \vskip0.5ex%
3706     \usebeamerfont*{frametitle}\strut\insertframetitle%
3707     \ifx\insertframesubtitle\@empty%
3708         \strut\par%
3709     \else
3710         \par{\usebeamerfont*{framesubtitle}{\usebeamercolor[fg]{framesubtitle}\strut\insertf
3711         \fi%%
3712     \usebeamerfont{headline}%
3713     \vskip0.05ex%
3714 \end{beamercolorbox}%
3715 \nointerlineskip%
3716 \vskip-0.05ex%
3717 \begin{beamercolorbox}[wd=\paperwidth,ht=1ex,dp=0ex]{empty}

```



```

3718 \begin{pgfpicture}
3719   \begin{pgfscope}%
3720     \pgfsetfillcolor{frametitle.bg}%
3721     \pgfpathrectangle{\pgfpoint{-.5\paperwidth}{-.5ex}}{\pgfpoint{\paperwidth}{1ex}}%
3722     \pgfsetfading{beamer@belowframetitlemask}{}%
3723     \pgfusepath{fill}%
3724   \end{pgfscope}%
3725 \end{pgfpicture}%
3726 \end{beamercolorbox}%
3727 }
3728
3729 \AtBeginDocument{%
3730   \setbeamertemplate{frametitle}[smoothbars theme]%
3731 }
3732
3733

```

## 41 File beamerouterthemesmoothtree-xetex-bidi.def

```

3734 \ProvidesFile{beamerouterthemesmoothtree-xetex-bidi.def}[2022/06/09 v0.1 bidi adaptations fo
3735 \bidi\csundef{beamer@tmpop@headline@smoothtree theme}
3736
3737 \bidi\csundef{beamer@tmpop@frametitle@smoothtree theme}
3738
3739 \defbeamertemplate*{headline}{smoothtree theme}
3740 {%
3741   \pgfuseshading{beamer@treeshade}%
3742   \vskip-0.05ex%
3743   \begin{beamercolorbox}[wd=\paperwidth,ht=1ex,dp=0ex]{empty}
3744     \begin{pgfpicture}
3745       \begin{pgfscope}%
3746         \pgfsetfillcolor{subsection in head/foot.bg}%
3747         \pgfpathrectangle{\pgfpoint{-.5\paperwidth}{-0.5ex}}{\pgfpoint{\paperwidth}{1ex}}%
3748         \pgfsetfading{beamer@belowframetitlemask}{}%
3749         \pgfusepath{fill}%
3750       \end{pgfscope}%
3751     \end{pgfpicture}%
3752   \end{beamercolorbox}%
3753   \vskip-9.15ex%
3754   \if@RTL
3755     \begin{beamercolorbox}[wd=\paperwidth,ht=1.125ex,dp=1.125ex,ignorebg,%
3756       rightskip=.3cm,leftskip=.3cm plus1fil]{title in head/foot}
3757   \else
3758     \begin{beamercolorbox}[wd=\paperwidth,ht=1.125ex,dp=1.125ex,ignorebg,%
3759       leftskip=.3cm,rightskip=.3cm plus1fil]{title in head/foot}
3760     \fi
3761     \usebeamerfont{title in head/foot}\insertshorttitle
3762   \end{beamercolorbox}
3763   \if@RTL
3764     \begin{beamercolorbox}[wd=\paperwidth,ht=2.125ex,dp=1.125ex,ignorebg,%
3765       rightskip=.3cm,leftskip=.3cm plus1fil]{section in head/foot}
3766   \else
3767     \begin{beamercolorbox}[wd=\paperwidth,ht=2.125ex,dp=1.125ex,ignorebg,%
3768       leftskip=.3cm,rightskip=.3cm plus1fil]{section in head/foot}

```



```

3769 \fi
3770 \usebeamerfont{section in head/foot}%
3771 \hskip6pt\insertsectionhead
3772 \end{beamercolorbox}
3773 \if@RTL
3774 \begin{beamercolorbox}[wd=\paperwidth,ht=2.125ex,dp=1.125ex,ignorebg,%
3775 rightskip=.3cm,leftskip=.3cm plus1fil]{subsection in head/foot}
3776 \else
3777 \begin{beamercolorbox}[wd=\paperwidth,ht=2.125ex,dp=1.125ex,ignorebg,%
3778 leftskip=.3cm,rightskip=.3cm plus1fil]{subsection in head/foot}
3779 \fi
3780 \usebeamerfont{subsection in head/foot}%
3781 \hskip12pt\insertsubsectionhead
3782 \end{beamercolorbox}
3783 \vskip-0.4ex%
3784 }
3785
3786 \defbeamertemplate*{frametitle}{smoothtree theme}
3787 {%
3788 \nointerlineskip%
3789 \vskip-0.05ex%
3790 \usebeamerfont{headline}%
3791 \begin{beamercolorbox}[wd=\paperwidth,ht=0.85ex,dp=0ex]{empty}
3792 \pgfuses shading{beamer@aboveframetitle}%
3793 \end{beamercolorbox}
3794 \nointerlineskip%
3795 \if@RTL
3796 \begin{beamercolorbox}[wd=\paperwidth,rightskip=.935cm,leftskip=.3cm plus1fil]{frametitle}
3797 \else
3798 \begin{beamercolorbox}[wd=\paperwidth,leftskip=.935cm,rightskip=.3cm plus1fil]{frametitle}
3799 \fi
3800 \vskip-1.2ex%
3801 \usebeamerfont*{frametitle}\strut\insertframetitle%
3802 \ifx\insertframesubtitle\@empty%
3803 \strut\par%
3804 \else
3805 \par{\usebeamerfont*{framesubtitle}\usebeamercolor[fg]{framesubtitle}\strut\insertframesubtitle}
3806 \fi%
3807 \usebeamerfont{headline}%
3808 \end{beamercolorbox}%
3809 \nointerlineskip
3810 \vskip-0.2ex%
3811 \begin{beamercolorbox}[wd=\paperwidth,ht=1ex,dp=0ex]{empty}
3812 \begin{pgfpicture}
3813 \begin{pgfscope}%
3814 \pgfsetfillcolor{frametitle.bg}%
3815 \pgfpathrectangle{\pgfpoint{-.5\paperwidth}{-0.5ex}}{\pgfpoint{\paperwidth}{1ex}}%
3816 \pgfsetfading{beamer@belowframetitlemask}{}%
3817 \pgfusepath{fill}%
3818 \end{pgfscope}%
3819 \end{pgfpicture}%
3820 \end{beamercolorbox}%
3821 }
3822

```



```

3823
3824 \AtBeginDocument{%
3825   \setbeamertheme{frametitle}[smoothtree theme]%
3826 }
3827
3828

```

## 42 File beamerouterthemetree-xetex-bidi.def

```

3829 \ProvidesFile{beamerouterthemetree-xetex-bidi.def}[2022/06/09 v0.1 bidi adaptations for beam
3830 \bidi@csundef{beamer@tmpop@headline@tree theme}
3831
3832 \defbeamertheme*{headline}{tree theme}
3833 {%
3834   \begin{beamercolorbox}[wd=\paperwidth,colsep=1.5pt]{upper separation line head}
3835   \end{beamercolorbox}
3836   \if@RTL
3837     \begin{beamercolorbox}[wd=\paperwidth,ht=2.5ex,dp=1.125ex,%
3838       rightskip=.3cm,leftskip=.3cm plus1fil]{title in head/foot}
3839   \else
3840     \begin{beamercolorbox}[wd=\paperwidth,ht=2.5ex,dp=1.125ex,%
3841       leftskip=.3cm,rightskip=.3cm plus1fil]{title in head/foot}
3842   \fi
3843     \usebeamerfont{title in head/foot}\insertshorttitle
3844   \end{beamercolorbox}
3845   \if@RTL
3846     \begin{beamercolorbox}[wd=\paperwidth,ht=2.5ex,dp=1.125ex,%
3847       rightskip=.3cm,leftskip=.3cm plus1fil]{section in head/foot}
3848   \else
3849     \begin{beamercolorbox}[wd=\paperwidth,ht=2.5ex,dp=1.125ex,%
3850       leftskip=.3cm,rightskip=.3cm plus1fil]{section in head/foot}
3851   \fi
3852     \usebeamerfont{section in head/foot}%
3853     \ifbeamer@tree@showhooks
3854       \setbox\beamer@tempbox=\hbox{\insertsectionhead}%
3855       \ifdim\wd\beamer@tempbox>1pt%
3856         \hskip2pt\raise1.9pt\hbox{\vrule width0.4pt height1.875ex\vrule width 5pt height0.
3857         \hskip1pt%
3858       \fi%
3859     \else%
3860       \hskip6pt%
3861     \fi%
3862     \insertsectionhead
3863   \end{beamercolorbox}
3864   \if@RTL
3865     \begin{beamercolorbox}[wd=\paperwidth,ht=2.5ex,dp=1.125ex,%
3866       rightskip=.3cm,leftskip=.3cm plus1fil]{subsection in head/foot}
3867   \else
3868     \begin{beamercolorbox}[wd=\paperwidth,ht=2.5ex,dp=1.125ex,%
3869       leftskip=.3cm,rightskip=.3cm plus1fil]{subsection in head/foot}
3870   \fi
3871     \usebeamerfont{subsection in head/foot}%
3872     \ifbeamer@tree@showhooks
3873       \setbox\beamer@tempbox=\hbox{\insertsubsectionhead}%

```



```

3874         \ifdim\wd\beamer@tempbox>1pt%
3875         \hskip9.4pt\raise1.9pt\hbox{\vrule width0.4pt height1.875ex\vrule width 5pt height
3876         \hskip1pt%
3877         \fi%
3878     \else%
3879         \hskip12pt%
3880     \fi%
3881     \insertsubsectionhead
3882 \end{beamercolorbox}
3883 \begin{beamercolorbox}[wd=\paperwidth,colsep=1.5pt]{lower separation line head}
3884 \end{beamercolorbox}
3885 }
3886
3887

```

### 43 File beamerthemeHannover-xetex-bidi.def

```

3888 \ProvidesFile{beamerthemeHannover-xetex-bidi.def}[2022/06/07 v0.1 bidi adaptations for beamer]
3889 \AtBeginDocument{%
3890     \if@RTLMain
3891         \setbeamertemplate{frametitle}[default][left]%
3892     \else
3893         \setbeamertemplate{frametitle}[default][right]%
3894     \fi
3895 }
3896
3897

```

### 44 File beamerthemeSingapore-xetex-bidi.def

```

3898 \ProvidesFile{beamerthemeSingapore-xetex-bidi.def}[2022/06/09 v0.1 bidi adaptations for beamer]
3899 \addtoheadtemplate{\pgfuses shading{beamer@headfade}\vskip-1.25cm}{ }
3900
3901 \beamertemplatedotitem
3902
3903 \AtBeginDocument{%
3904     \setbeamertemplate{frametitle}[default][center]%
3905 }
3906
3907

```

### 45 File bidi.sty

```

3908 \NeedsTeXFormat{LaTeX2e}
3909 \def\bididate{2023/01/18}
3910 \def\bidi@version{39.7}
3911 \def\bidi@releasename{Serge Lang}
3912 \newcommand*{\bidi@releasename}{\bidi@releasename}
3913 \ProvidesPackage{bidi}[\bididate\space v\bidi@version\space (Release \bidi@releasename)\space
3914 Bidirectional typesetting in plain TeX and LaTeX]
3915 \edef\@bidi@info{*****~^~J%
3916 * ~^J%
3917 * bidi package (Bidirectional typesetting in~^~J%
3918 * plain TeX and LaTeX, using XeTeX engine)~^~J%

```



```

3919 * ^^J%
3920 * Description: A convenient interface for^^J%
3921 * typesetting bidirectional texts in plain TeX^^J%
3922 * and LaTeX. The package includes adaptations^^J%
3923 * for use with many other commonly-used packages.^^J%
3924 * ^^J%
3925 * Copyright (c) 2007--2023 Vafa Khalighi^^J%
3926 * Copyright (c) 2018--2020 bidi-tex GitHub organization^^J%
3927 * ^^J%
3928 * v\bidiversion\space (Release \bidi@releasename), \bididate^^J%
3929 * ^^J%
3930 * License: LaTeX Project Public License, version^^J%
3931 * 1.3c or higher (your choice)^^J%
3932 * ^^J%
3933 * Location on CTAN: /macros/xetex/latex/bidi^^J%
3934 * ^^J%
3935 * Issue tracker: https://github.com/kvafa/bidi/issues^^J%
3936 * ^^J%
3937 * Discussions: https://github.com/kvafa/bidi/discussions^^J%
3938 * ^^J%
3939 * Primary author of bidi package: Vafa Khalighi.^^J%
3940 * ^^J%
3941 * *****}
3942 \typeout{\@bidi@info}
3943 \edef\bidi@everyjob{\the\everyjob}
3944 \everyjob{\bidi@everyjob\typeout{\@bidi@info}}
3945 \newcommand*\bidi@version{\ensuremath\bidi@version}
3946 \newcommand*\IfbidiPackageVersionLater}[1]{%
3947 \ifdim\bidi@version pt > #1 pt %
3948 \expandafter\@firstoftwo
3949 \else
3950 \expandafter\@secondoftwo
3951 \fi}
3952 \newcommand*\IfbidiPackageVersionBefore}[1]{%
3953 \ifdim\bidi@version pt < #1 pt %
3954 \expandafter\@firstoftwo
3955 \else
3956 \expandafter\@secondoftwo
3957 \fi}
3958 \newcommand*\IfbidiPackageVersion}[1]{%
3959 \ifdim\bidi@version pt = #1 pt %
3960 \expandafter\@firstoftwo
3961 \else
3962 \expandafter\@secondoftwo
3963 \fi}
3964 \RequirePackage{iftex}
3965 \RequireXeTeX
3966 \RequirePackage{bidiutils}
3967 \RequirePackage{zref-abspage}
3968 \RequirePackage{auxhook}
3969 \RequirePackage{ltxcmds}
3970 \RequirePackage{xkeyval}
3971 \eqnewif{\if@RTLmain}{\if@rlmain}
3972 \eqnewif{\if@RTL}{\if@rl}

```



```

3973 \newif\if@nonlatin
3974 \newif\if@bidi@perpage@footnote
3975 \newcommand*{\setlatin}{\@nonlatinfalse}
3976 \newcommand*{\setnonlatin}{\@nonlatintrue}
3977 \eqnewif{\if@RTLtab}{\if@tab@rl}
3978 \newif\if@hboxRconstruct
3979 \newif\if@bidi@pdfencrypt
3980 \newcommand*{\setRTLtable}{\@RTLtabtrue}
3981 \newcommand*{\setLTRtable}{\@RTLtabfalse}
3982 \newif\if@bidi@pdfm@mark
3983 \newif\if@RTLmarginpar
3984 \newif\if@LTRmarginpar
3985 \newif\if@LTRbibitems
3986 \newif\if@RTLbibitems
3987 \newif\if@extrafootnote@features
3988 \eqnewif{\if@RTL@footnote}{\if@rl@footnote}
3989 \newif\if@bidi@list@minipage@parbox
3990 \newif\if@bidi@list@minipage@parbox@not@nob
3991 \newcommand*{\@bidi@pdfcreator}{%
3992   The bidi package, v\@bidi@version\space (Release \@bidi@releasename), \@bidi@date
3993 }
3994 \newcommand*{\@bidi@pdfproducer}{%
3995   The bidi package, v\@bidi@version\space (Release \@bidi@releasename), \@bidi@date
3996 }
3997 \newcommand*{\@bidi@pdfcustomproperties}{%
3998   This is the bidi package, Version \@bidi@version\space (Release \@bidi@releasename),
3999   Released January 18, 2023.
4000 }
4001 \newcommand*{\@bidi@beamer@ragged}{%
4002   \@RTLmainfalse
4003   \AtBeginDocument{%
4004     \if@RTLmain\else
4005       \if@RTL\@RTLmaintrue%
4006       \else\@RTLmainfalse%
4007       \fi%
4008     \fi%
4009   }
4010   \let\n@xt=\
4011   \@bidi@newrobustcmd*{\LRE}{\protect\pLRE}%
4012   \def\pLRE{\protect\afterassignment\moreLRE \let\n@xt= }
4013   \@bidi@newrobustcmd*{\RLE}{\protect\pRLE}
4014   \def\pRLE{\protect\afterassignment\moreRLE \let\n@xt= }
4015   \def\bracetext{\ifcat\n@xt{\else\ifcat\n@xt}\fi
4016     \errmessage{Missing left brace has been substituted}\fi \bgroup}
4017   \newinsert\@bidi@copyins@
4018   \skip\@bidi@copyins@=12\p@
4019   \dimen\@bidi@copyins@=40pc
4020   \count\@bidi@copyins@=1000
4021   \newcommand*{\@bidi@inslogo@}{\insert\@bidi@copyins@\@bidi@logo@}
4022   \newcommand*{\@bidi@logo@hb@xt@columnwidth}{%
4023     \if@RTLmain
4024       \if@twocolumn
4025         \hboxR to \columnwidth
4026       \else

```



```

4027     \hboxR to \textwidth
4028     \fi
4029   \else
4030     \if@twocolumn
4031       \hboxL to \columnwidth
4032     \else
4033       \hboxL to \textwidth
4034     \fi
4035   \fi
4036 }
4037 \newcommand*{\@bidi@logo}[1]{%
4038   \toks@{%
4039     \setbox\z@\hbox{%
4040       \special{%
4041         pdf:image width 50pt height 50pt (#1)%
4042       }
4043     }%
4044     \dp\z@\z@
4045     \ht\z@=50pt
4046     \wd\z@=50pt
4047     \beginL
4048     \lower20pt\box\z@
4049     \endL
4050   }%
4051   \the\toks@
4052 }
4053 \newcommand*{\@bidi@logo@}{%
4054   \@bidi@logo@hb@xt@columnwidth
4055   {\hss\LRE{\bfseries Typeset by the \textsf{bidi}
4056     package\quad\@bidi@logo{bidi-logo.pdf}}}}
4057 \define@key{bidi@pdfencrypt}{userpassword}[]{%
4058   \def\bidi@pdfencrypt@userpassword{#1}%
4059 }
4060 \define@key{bidi@pdfencrypt}{ownerpassword}[]{%
4061   \def\bidi@pdfencrypt@ownerpassword{#1}%
4062 }
4063 \define@key{bidi@pdfencrypt}{keylength}[128]{%
4064   \def\bidi@pdfencrypt@keylength{#1}%
4065 }
4066 \define@key{bidi@pdfencrypt}{permissionflags}[2052]{%
4067   \def\bidi@pdfencrypt@permissionflags{#1}%
4068 }
4069 \newcommand*{\pdfencryptsetup}{\setkeys{bidi@pdfencrypt}}
4070 \onlypreamble\pdfencryptsetup
4071 \input{latex-xetex-bidi.def}
4072 \input{loadingorder-xetex-bidi.def}
4073 \define@choicekey{bidi.sty}{RTLdocument}[\bidi@tempa\bidi@tempb]{on,off}[on]{%
4074   \ifcase\bidi@tempb\relax
4075     \@RTLtrue
4076   \or
4077     \@RTLfalse
4078   \fi}
4079 \define@choicekey{bidi.sty}{documentdirection}[\bidi@tempa\bidi@tempb]{righttoleft,lefttoright}
4080 \ifcase\bidi@tempb\relax

```



```

4081 \RTLtrue
4082 \or
4083 \RTLfalse
4084 \fi}
4085 \define@choicekey{bidi.sty}{tabledirection}[\bidi@tempa\bidi@tempb]{righttoleft,lefttoright}
4086 \ifcase\bidi@tempb\relax
4087 \RTLtabtrue
4088 \or
4089 \RTLtabfalse
4090 \fi}
4091 \define@choicekey{bidi.sty}{script}[\bidi@tempa\bidi@tempb]{latin,nonlatin}[latin]{%
4092 \ifcase\bidi@tempb\relax
4093 \@nonlatinfalse
4094 \or
4095 \@nonlatintrue
4096 \fi}
4097 \define@choicekey{bidi.sty}{rldocument}[\bidi@tempa\bidi@tempb]{on,off}[on]{%
4098 \ifcase\bidi@tempb\relax
4099 \RTLtrue
4100 \or
4101 \RTLfalse
4102 \fi}
4103 \define@choicekey{bidi.sty}{footnoterule}[\bidi@tempa\bidi@tempb]{automatic,left,right,split}
4104 \ifcase\bidi@tempb\relax
4105 \autofootnoterule
4106 \or
4107 \leftfootnoterule
4108 \or
4109 \rightfootnoterule
4110 \or
4111 \SplitFootnoteRule
4112 \or
4113 \textwidthfootnoterule
4114 \fi}
4115 \define@choicekey{bidi.sty}{footnotedirection}[\bidi@tempa\bidi@tempb]{righttoleft,lefttoright}
4116 \ifcase\bidi@tempb\relax
4117 \RTL@footnotetrue
4118 \or
4119 \RTL@footnotefalse
4120 \fi}
4121 \define@choicekey{bidi.sty}{debugfootnotedirection}[\bidi@tempa\bidi@tempb]{on,off}[on]{%
4122 \ifcase\bidi@tempb\relax
4123 \footdir@debugtrue
4124 \or
4125 \footdir@debugfalse
4126 \fi}
4127 \define@choicekey{bidi.sty}{extrafootnotefeatures}[\bidi@tempa\bidi@tempb]{on,off}[on]{%
4128 \ifcase\bidi@tempb\relax
4129 \@extrafootnotefeaturestrue
4130 \or
4131 \@extrafootnotefeaturesfalse
4132 \fi}
4133
4134 \define@choicekey{bidi.sty}{DetectColumn}[\bidi@tempa\bidi@tempb]{on,off}[on]{%

```



```

4135 \ifcase\bidit@tempb\relax
4136 \def\bidit@firstcolumn@status@write{%
4137     \protected@write\@auxout{%
4138         {\string\bidit@column@status
4139         {1}}}%
4140 \def\bidit@lastcolumn@status@write{%
4141     \protected@write\@auxout{%
4142         {\string\bidit@column@status{2}}}%
4143 \or
4144     \let\bidit@firstcolumn@status@write\relax
4145     \let\bidit@lastcolumn@status@write\relax
4146 \fi}
4147
4148 \define@choicekey{bidi.sty}{logo}[\bidit@tempa\bidit@tempb]{on,off}[on]{%
4149     \ifcase\bidit@tempb\relax
4150         \AtBeginDocument{\@bidit@inslogo}%
4151     \or
4152         \let\@bidit@logo@\@empty \let\@bidit@inslogo@\@empty
4153     \fi}
4154
4155 \define@choicekey{bidi.sty}{pdfinfo}[\bidit@tempa\bidit@tempb]{on,off}[on]{%
4156     \ifcase\bidit@tempb\relax
4157         \@bidit@pdfm@marktrue
4158     \or
4159         \@bidit@pdfm@markfalse
4160     \fi}
4161
4162 % The `perpagefootnote' option is documented in UK TeX FAQ at
4163 % <https://texfaq.org/FAQ-footnpp> (see last paragraph)
4164
4165 \define@choicekey{bidi.sty}{perpagefootnote}[\bidit@tempa\bidit@tempb]{on,off}[on]{%
4166     \ifcase\bidit@tempb\relax
4167         \@bidit@perpage@footnotetrue
4168     \or
4169         \@bidit@perpage@footnotefalse
4170     \fi}
4171
4172 \ExecuteOptionsX{%
4173     DetectColumn=off%
4174 }
4175
4176 \ProcessOptionsX
4177
4178 \pdfencryptsetup{%
4179     userpassword,%
4180     ownerpassword,%
4181     keylength,%
4182     permissionflags%
4183 }
4184
4185 \if@extrafootnotefeatures
4186     \input{extrafootnotefeatures-xetex-bidi.def}
4187 \fi
4188 \newcount\bidit@digits

```



```

4189 \XeTeXinterchartokenstate=\@ne
4190 \newXeTeXintercharclass\bididigits@charclass
4191 \newXeTeXintercharclass\bidisepmark@charclass
4192 \XeTeXcharclass `\. \bidisepmark@charclass
4193 \XeTeXcharclass `\- \bidisepmark@charclass
4194 \bididigits=\0 \loop \XeTeXcharclass \bididigits \bididigits@charclass \ifnum\bididigit
4195 \bididigits=\ \loop \XeTeXcharclass \bididigits \bididigits@charclass \ifnum\bididigit
4196 \bididigits=\ \loop \XeTeXcharclass \bididigits \bididigits@charclass \ifnum\bididigit
4197 \XeTeXinterchartoks \bidisepmark@charclass \bididigits@charclass = {\DigitsDotDashInterCh
4198 \newcommand*{\DigitsDotDashInterCharToks}{\if@nonlatin\char"200F \fi}
4199 \bidid@AtEndPreamble{%
4200   \if@bidid@perpage@footnote
4201     \RequirePackage{bidid-perpage}%
4202     \ResetCounterPerPage{footnote}%
4203   \fi
4204   \ifx\bidid@pdfencrypt@ownerpassword\bidid@empty
4205     \ifx\bidid@pdfencrypt@userpassword\bidid@empty
4206       \@bidid@pdfencryptfalse
4207     \else
4208       \@bidid@pdfencrypttrue
4209     \fi
4210   \else
4211     \@bidid@pdfencrypttrue
4212   \fi
4213   \if@bidid@pdfencrypt
4214     \special{pdf:encrypt
4215       userpw (\bidid@pdfencrypt@userpassword)
4216       ownerpw (\bidid@pdfencrypt@ownerpassword)
4217       length \bidid@pdfencrypt@keylength
4218       perm \bidid@pdfencrypt@permissionflags
4219     }%
4220   \fi
4221 }
4222 \AtEndDocument{%
4223   \special{pdf:%
4224     docinfo<<%
4225       \if@bidid@pdfm@mark
4226         /Creator(\@bidid@pdfcreator)%
4227         /Producer(\@bidid@pdfproducer)%
4228       \fi
4229       /BIDI.Fullbanner(\@bidid@pdfcustomproperties)%
4230       \if@bidid@csdef{@xepersian@pdfcustomproperties}{%
4231         /XEPERSIAN.Fullbanner(\@xepersian@pdfcustomproperties)%
4232       }{}%
4233     >>%
4234   }%
4235 }

```

## 46 File `bidid.tex`

```

4236 \def\bididate{2023/01/18}
4237 \catcode`\@=11
4238 \def\bidid@version{39.7}
4239 \def\bidid@releasename{Serge Lang}

```



```

4240 \def\bidireleasename{\bidi@releasename}
4241 \let \protect \relax
4242 \newlinechar`^^J
4243 \edef\@bidi@info{*****^^J%
4244 * ^^J%
4245 * bidi package (Bidirectional typesetting in^^J%
4246 * plain TeX and LaTeX, using XeTeX engine)^^J%
4247 * ^^J%
4248 * Description: A convenient interface for^^J%
4249 * typesetting bidirectional texts in plain TeX^^J%
4250 * and LaTeX. The package includes adaptations^^J%
4251 * for use with many other commonly-used packages.^^J%
4252 * ^^J%
4253 * Copyright (c) 2007--2023 Vafa Khalighi^^J%
4254 * Copyright (c) 2018--2020 bidi-tex GitHub organization^^J%
4255 * ^^J%
4256 * v\bidi@version\space (Release \bidi@releasename), \bididate^^J%
4257 * ^^J%
4258 * License: LaTeX Project Public License, version^^J%
4259 * 1.3c or higher (your choice)^^J%
4260 * ^^J%
4261 * Location on CTAN: /macros/xetex/latex/bidi^^J%
4262 * ^^J%
4263 * Issue tracker: https://github.com/kvafa/bidi/issues^^J%
4264 * ^^J%
4265 * Discussions: https://github.com/kvafa/bidi/discussions^^J%
4266 * ^^J%
4267 * Primary author of bidi package: Vafa Khalighi.^^J%
4268 * ^^J%
4269 *****}
4270 \message{\@bidi@info}
4271 \edef\bidi@everyjob{\the\everyjob}
4272 \everyjob{\bidi@everyjob\message{\@bidi@info}}
4273 \def\bidiversion{%
4274   \relax
4275   \ifmmode
4276     \bidi@version
4277   \else
4278     $\bidi@version$
4279   \fi
4280 }
4281 \input iftex.sty
4282 \RequireXeTeX
4283 \newif\if@bidi@pdfm@mark
4284 \newif\if@RTLmain
4285 \newif\if@RTL
4286 \newif\if@hboxRconstruct
4287 \newif\if@sentdir
4288 \newif\if@RTL@footnote
4289 \@RTLmainfalse
4290 \def\setRTLmain{%
4291   \if@RTLmain\else
4292     \if@RTL\@RTLmaintrue%
4293     \else\@RTLmainfalse%

```



```

4294 \fi%
4295 \fi%
4296 }
4297 \let\n@xt=\
4298 \protected\def\LRE{\protect\pLRE}%
4299 \def\pLRE{\protect\afterassignment\moreLRE \let\n@xt= }
4300 \protected\def\RLE{\protect\pRLE}
4301 \def\pRLE{\protect\afterassignment\moreRLE \let\n@xt= }
4302 \def\bracetext{\ifcat\n@xt{\else\ifcat\n@xt}\fi
4303 \errmessage{Missing left brace has been substituted}\fi \bgroup}
4304 \newinsert\@bidi@copyins@
4305 \skip\@bidi@copyins@=12\p@
4306 \dimen\@bidi@copyins@=40pc
4307 \count\@bidi@copyins@=1000
4308 \def\@bidi@inslogo@{\insert\@bidi@copyins@{\@bidi@logo@}}
4309 \def\@bidi@logo@hb@xt@{%
4310 \ifRTLmain
4311 \hboxR to
4312 \else
4313 \hboxL to
4314 \fi
4315 }
4316 \def\@bidi@logo#1{%
4317 \toks@{%
4318 \setbox\z@\hbox{%
4319 \special{%
4320 pdf:image width 50pt height 50pt (#1)%
4321 }
4322 }%
4323 \dp\z@\z@
4324 \ht\z@=50pt
4325 \wd\z@=50pt
4326 \beginL
4327 \lower20pt\box\z@
4328 \endL
4329 }%
4330 \the\toks@
4331 }
4332 \def\@bidi@logo@{\@bidi@logo@hb@xt@\hsize{\hss\LRE{\bf Typeset by the bidi package\quad\@bidi@
4333 \def\nobidilogo{\let\@bidi@logo@\empty \let\@bidi@inslogo@\empty}
4334 \def\@bidi@pdfcreator{%
4335 The bidi package, v\@bidi@version\space (Release \@bidi@releasename), \@bidi@date
4336 }
4337 \def\@bidi@pdfproducer{%
4338 The bidi package, v\@bidi@version\space (Release \@bidi@releasename), \@bidi@date
4339 }
4340 \def\@bidi@pdfcustomproperties{%
4341 This is the bidi package, Version \@bidi@version\space (Release \@bidi@releasename),
4342 Released January 18, 2023.
4343 }
4344 \def\bidi@pdfm@mark{%
4345 \special{pdf:
4346 docinfo<<%
4347 \if\bidi@pdfm@mark

```



```

4348      /Creator(\@bidi@pdfcreator)%
4349      /Producer(\@bidi@pdfproducer)%
4350      \fi
4351      /BIDI.Fullbanner(\@bidi@pdfcustomproperties)%
4352      >>%
4353      }%
4354 }
4355 \def\bidipdfinfoon{\@bidi@pdfm@marktrue}
4356 \def\bidipdfinfooff{\@bidi@pdfm@markfalse}
4357 \input plain-xetex-bidi.def
4358 \@bidi@inslogo@
4359 \outer\def\bye{\par\vfill\supereject\@bidi@pdfm@mark\end}
4360 \catcode\@=12
4361 \bidipdfinfoon

```

## 47 File bidi2in1.sty

```

4362 \NeedsTeXFormat{LaTeX2e}
4363 \ProvidesPackage{bidi2in1}
4364 \pagestyle{plain}
4365 \newcount\evenpage
4366 \newcount\oddpag
4367 \twocolumn
4368 \def\@oddfoot{\evenpage=\thepage%
4369 \multiply\evenpage by 2%
4370 \oddpag=\the\evenpage%
4371 \advance\oddpag by -1%
4372 \hfil\the\evenpage\hfil\hfil\the\oddpag\hfil}%
4373 \def\@evenfoot{\evenpage=\thepage%
4374 \multiply\evenpage by 2%
4375 \oddpag=\the\evenpage%
4376 \advance\oddpag by -1%
4377 \hfil\the\oddpag\hfil\hfil\the\evenpage\hfil}%
4378 \textwidth 9.49in
4379 \textheight 6.7in
4380 \columnsep 0.9in
4381 \columnseprule 0.125pt
4382 \headheight 0cm
4383 \topmargin 0in
4384 \marginparwidth 0in
4385 \marginparsep 0in
4386 \hoffset 0.05in % Corrected
4387 \voffset -0.5in %top margin space is 1.0in by default
4388 \oddsidemargin 0in
4389 \evensidemargin 0in
4390 \headsep 0cm
4391 \topskip 0cm
4392 \parskip 0.15in %
4393 \headsep 0pt
4394 \special{papersize=11.69in,8.26in}
4395 \renewcommand\maketitle{\par
4396 \begingroup
4397 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
4398 \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%

```



```

4399 \long\def\@makefntext##1{\parindent 1em\noindent
4400 \hb@xt@1.8em{%
4401 \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
4402 \@maketitle
4403 \@thanks
4404 \endgroup
4405 \setcounter{footnote}{0}%
4406 \global\let\thanks\relax
4407 \global\let\maketitle\relax
4408 \global\let\@maketitle\relax
4409 \global\let\@thanks\@empty
4410 \global\let\@author\@empty
4411 \global\let\@date\@empty
4412 \global\let\@title\@empty
4413 \global\let\title\relax
4414 \global\let\author\relax
4415 \global\let\date\relax
4416 \global\let\and\relax
4417 }

```

## 48 File bidicode.sty

```

4418 \NeedsTeXFormat{LaTeX2e}
4419 \ProvidesPackage{bidicode}
4420 \RequirePackage{xcolor}
4421 \RequirePackage{showexpl}
4422 \definecolor{hellgelb}{rgb}{1,1,0.85}
4423 \definecolor{colKeys}{rgb}{0,0,1}
4424 \definecolor{colCS}{rgb}{0,0,1}
4425 \definecolor{colIdentifier}{rgb}{0,0,0}
4426 \definecolor{colComments}{rgb}{1,0,0}
4427 \definecolor{colString}{rgb}{0,0.5,0}
4428 \lstset{%
4429     language=[LaTeX]TeX,%
4430     float=hbp,%
4431     basicstyle=\ttfamily\small,%
4432     identifierstyle=\color{colIdentifier},%
4433     keywordstyle=\color{colKeys},%
4434     texcsstyle=\color{colCS},%
4435     stringstyle=\color{colString},%
4436     commentstyle=\color{colComments},%
4437     backgroundcolor=\color{hellgelb},%
4438     columns=flexible,%
4439     tabsize=4,%
4440     extendedchars=true,%
4441     showspaces=false,%
4442     showstringspaces=false,%
4443     numbers=left,%
4444     numbersep=0.9em,%
4445     numberstyle=\tiny,%
4446     frame=single,%
4447     captionpos=b,%
4448     xleftmargin=1em,%
4449     breaklines=true,%

```



```

4450     breakautoindent=false,%
4451     breakindent=0pt,%
4452     escapeinside=**,%
4453     pos=r,%
4454     explpreset={%
4455         xleftmargin=1em,%
4456         columns=flexible,%
4457         language=[LaTeX]TeX%
4458     },%
4459     moretexcs={%
4460         bididate,%
4461         bidiversion,%
4462         deflatinfont,%
4463         defpersianfont,%
4464         ding,%
4465         endLTR,%
4466         endRTL,%
4467         false,%
4468         falsesymbol,%
4469         junicode,%
4470         lr,%
4471         LR,%
4472         LRE,%
4473         LTR,%
4474         maketitle,%
4475         Nastaliq,%
4476         newfontfamily,%
4477         Parsifont,%
4478         part,%
4479         RL,%
4480         RLE,%
4481         RTL,%
4482         RTLcases,%
4483         SepMark,%
4484         setLR,%
4485         setLTR,%
4486         setRL,%
4487         setRTL,%
4488         settextfont,%
4489         subsection,%
4490         subsubsection,%
4491         tableofcontents,%
4492         text,%
4493         theequation,%
4494         thesection,%
4495         true,%
4496         truesymbol,%
4497         XePersian,%
4498         xepersiandate,%
4499         xepersianversion%
4500     }%
4501 }
4502 \newcommand\HLON{%
4503     \gdef\lst@alloverstyle##1{%

```



```

4504 \fboxrule=0pt
4505 \fboxsep=0pt
4506 \fcolorbox{hellgelb}{hellgelb}{\bfseries\strut##1}%
4507 }}
4508 \newcommand\HLOFF{%
4509 \xdef\lst@alloverstyle##1{##1}%
4510 }
4511 \newcommand\Larg [1]{\normalfont\itshape#1\/\}}
4512 \newcommand\Larga[1]{\langle$\Larg{#1}$\rangle$}
4513 \newcommand\Largb[1]{\lcb\Larg{#1}\rcb}
4514 \newcommand\Largs[1]{\lsb\Larg{#1}\rsb}
4515 \newcommand\Largr[1]{\lrb\Larg{#1}\rrb}
4516 \newcommand\LBEG[1]{\normalfont\ttfamily\bs{}begin\lcb#1\rcb}
4517 \newcommand\LEND[1]{\normalfont\ttfamily\bs{}end\lcb#1\rcb}
4518
4519 \DeclareRobustCommand\bs{\normalfont\ttfamily\symbol{92}}
4520 \DeclareRobustCommand\lcb{\normalfont\ttfamily\char`{}}
4521 \DeclareRobustCommand\rcb{\normalfont\ttfamily\char`{}}
4522 \DeclareRobustCommand\lsb{\normalfont\ttfamily[]}
4523 \DeclareRobustCommand\rsb{\normalfont\ttfamily]}
4524 \DeclareRobustCommand\lrb{\normalfont\ttfamily{}}
4525 \DeclareRobustCommand\rrb{\normalfont\ttfamily)}}
4526
4527 \def\Lcs#1{\nxLcs{#1}}
4528 \def\LcsStar#1{\nxLcs{#1}\OptArg*{}}
4529 \def\nxLcs#1{\texttt{\symbol{92}#1}}
4530
4531 \def\Coordx#1{$x_{#1}$}
4532 \def\Coordy#1{$y_{#1}$}
4533 \def\Coordz#1{$z_{#1}$}
4534 \def\Coord#1{\Coordx{#1},\kern 1pt\Coordy{#1}}
4535 \def\Coordn{\Coordx{n},\kern 1pt\Coordy{n}}
4536 \def\CoordIII#1{\Coordx{#1},\kern 1pt\Coordy{#1},\kern 1pt\Coordz{#1}}
4537 \def\CAny{\Coordx{},\kern 1pt\Coordy{}}
4538 \def\CIIIAny{\Coordx{},\kern 1pt\Coordy{},\kern 1pt\Coordz{}}
4539 \def\coord#1{(\Coordx{#1},\kern 1pt\Coordy{#1})}
4540 \def\coordn{(\Coordx{n},\kern 1pt\Coordy{n})}
4541 \def\coordiii#1{(\Coordx{#1},\kern 1pt\Coordy{#1},\kern 1pt\Coordz{#1})}
4542 \def\coordx#1{($x_{#1}$)}
4543 \def\coordy#1{($y_{#1}$)}
4544 \def\coordz#1{($z_{#1}$)}
4545 \def\cAny{(\Coordx{},\kern 1pt\Coordy{}}
4546 \def\ciiiiAny{(\Coordx{},\kern 1pt\Coordy{},\kern 1pt\Coordz{}}
4547
4548 \newsavebox{\boxdef}
4549 \newenvironment{BDef}
4550 {\begin{lrbox}\boxdef
4551 \def\arraystretch{1.0}
4552 \begin{tabular}{@{}l@{}l@{}l@{}}
4553 }
4554 {\end{tabular}\end{lrbox}}
4555
4556 {\BCmd\fbox{\usebox\boxdef}\endBCmd}
4557 \aftergroup\@afterindentfalse\aftergroup\@afterheading

```



```

4558 }
4559
4560 \newenvironment{BDef*}
4561   {\begin{lrbox}\boxdef
4562     \def\arraystretch{1.0}
4563     \begin{tabular}{@{}l@{}l@{}l@{}}
4564   }
4565   {\end{tabular}\end{lrbox}
4566   {\begin{BCmd*}\fbox{\usebox\boxdef}\end{BCmd*}}
4567   \aftergroup\@afterindentfalse\aftergroup\@afterheading
4568 }
4569 \newenvironment{BCmd*}{
4570   \@beginparpenalty-\@lowpenalty
4571   \topsep\BDefaboveskip
4572   \fboxsep3pt
4573   \flushleft}
4574 {\@endparpenalty\@M
4575   \@topsepadd\BDefbelowskip
4576   \endflushleft}
4577
4578 \newenvironment{BCmd*}{
4579   \@beginparpenalty\@M
4580   \topsep\BDefinlineskip
4581   \fboxsep3pt
4582   \flushleft}
4583 {\@endparpenalty5000
4584   \endflushleft}
4585
4586 \newskip\BDefaboveskip
4587 \newskip\BDefbelowskip
4588 \newskip\BDefinlineskip
4589 \setlength\BDefaboveskip{10pt plus 4pt}
4590 \setlength\BDefbelowskip{6pt}
4591 \setlength\BDefinlineskip{6pt}
4592
4593 \def\OptArgs{\colorbox{black!20}{\texttt{[Options]}}\kern1pt}
4594 \def\OptArg{\@ifnextchar*\OptArgi{\OptArgii*}}
4595 \def\OptArgi*#1{\colorbox{black!20}{\texttt{#1}}\kern1pt}
4596 \def\OptArgii*#1{\colorbox{black!20}{\texttt{[#1]}}\kern1pt}

```

## 49 File bidiftnxtra.sty

```

4597 \NeedsTeXFormat{LaTeX2e}
4598 \ProvidesPackage{bidiftnxtra}
4599 \newtoks\bidip@ftn
4600 \let\FN@sff@footnote\footnote
4601 \let\FN@sff@LTRfootnote\LTRfootnote
4602 \let\FN@sff@RTLfootnote\RTLfootnote
4603 \def\footnote{\ifx\protect\@typeset@protect
4604   \expandafter\FN@sff@footnote
4605   \else
4606   \expandafter\FN@sff@gobble@opt
4607   \fi
4608 }

```



```

4609 \def\LTRfootnote{\ifx\protect\@typeset@protect
4610     \expandafter\FN@sfi@LTRfootnote
4611     \else
4612     \expandafter\FN@sfi@gobble@opt
4613     \fi
4614 }
4615 \def\RTLfootnote{\ifx\protect\@typeset@protect
4616     \expandafter\FN@sfi@RTLfootnote
4617     \else
4618     \expandafter\FN@sfi@gobble@opt
4619     \fi
4620 }
4621 \edef\FN@sfi@gobble@opt{\noexpand\protect
4622     \expandafter\noexpand\csname FN@sfi@gobble@opt \endcsname}
4623 \expandafter\def\csname FN@sfi@gobble@opt \endcsname{%
4624     \ifnextchar[%]
4625         \FN@sfi@gobble@twobrace
4626         \gobble
4627     }
4628 \def\FN@sfi@gobble@twobrace[#1]#2{}
4629 \let\FN@sfi@footnotemark\footnotemark
4630 \def\footnotemark{\ifx\protect\@typeset@protect
4631     \expandafter\FN@sfi@footnotemark
4632     \else
4633     \expandafter\FN@sfi@gobble@optonly
4634     \fi
4635 }
4636 \edef\FN@sfi@gobble@optonly{\noexpand\protect
4637     \expandafter\noexpand\csname FN@sfi@gobble@optonly \endcsname}
4638 \expandafter\def\csname FN@sfi@gobble@optonly \endcsname{%
4639     \ifnextchar[%]
4640         \FN@sfi@gobble@brace
4641         {}%
4642     }
4643 \def\FN@sfi@gobble@brace[#1]{}
4644 \def\@tabular{%
4645     \leavevmode \hbox \bgroup
4646     \let\@footnotetext\@bidi@p@ftntext
4647     \let\@LTRfootnotetext\@bidi@p@LTRftntext
4648     \let\@RTLfootnotetext\@bidi@p@RTLftntext
4649     \let\@xfootnotenext\@bidi@p@xftntext
4650     \let\@xfootnote\@bidi@p@xfootnote
4651     \let\@xLTRfootnotenext\@bidi@p@xLTRftntext
4652     \let\@xLTRfootnote\@bidi@p@xLTRfootnote
4653     \let\@xRTLfootnotenext\@bidi@p@xRTLftntext
4654     \let\@xRTLfootnote\@bidi@p@xRTLfootnote
4655     \if@RTLtab\beginR \fi
4656     $\let\@acol\@tabacol
4657     \let\@classz\@tabclassz
4658     \let\@classiv\@tabclassiv \let\\\@tabulacr\@tabarray}
4659 \def\endtabular{\@tabulacr\@tabarray\if@RTLtab\egroup\endR\egroup\fi
4660     \egroup $\if@RTLtab\endR\fi\egroup
4661     \ifx\@capttype\@undefined
4662     \global\@bidi@p@ftn\expandafter{\expandafter}\the\@bidi@p@ftn\fi}

```



```

4663 \long\def\bidip@ftntext#1{%
4664 \edef\@tempy{\the\bidip@ftn\noexpand\footnotetext[\the\csname c@\mpfn\endcsname]}}%
4665 \global\bidip@ftn\expandafter{\@tempy{#1}}}%
4666 \long\def\bidip@LTRftntext#1{%
4667 \edef\@tempyi{\the\bidip@ftn\noexpand\LTRfootnotetext[\the\csname c@\mpfn\endcsname]}}%
4668 \global\bidip@ftn\expandafter{\@tempyi{#1}}}%
4669 \long\def\bidip@RTLftntext#1{%
4670 \edef\@tempyii{\the\bidip@ftn\noexpand\RTLfootnotetext[\the\csname c@\mpfn\endcsname]}}%
4671 \global\bidip@ftn\expandafter{\@tempyii{#1}}}%
4672
4673
4674 \long\def\bidip@xftntext[#1]#2{%
4675 \global\bidip@ftn\expandafter{\the\bidip@ftn\footnotetext[#1]{#2}}}
4676
4677 \long\def\bidip@xLTRftntext[#1]#2{%
4678 \global\bidip@ftn\expandafter{\the\bidip@ftn\LTRfootnotetext[#1]{#2}}}
4679
4680 \long\def\bidip@xRTLftntext[#1]#2{%
4681 \global\bidip@ftn\expandafter{\the\bidip@ftn\RTLfootnotetext[#1]{#2}}}
4682
4683
4684 \def\bidip@xfootnote[#1]{%
4685 \begingroup
4686 \csname c@\mpfn\endcsname #1\relax
4687 \unrestored@protected@xdef\@thefnmark{\thempfn}%
4688 \endgroup
4689 \@footnotemark\bidip@xftntext[#1]}
4690
4691
4692 \def\bidip@xLTRfootnote[#1]{%
4693 \begingroup
4694 \csname c@\mpfn\endcsname #1\relax
4695 \unrestored@protected@xdef\@thefnmark{\thempfn}%
4696 \endgroup
4697 \@footnotemark\bidip@xLTRftntext[#1]}
4698
4699
4700 \def\bidip@xRTLfootnote[#1]{%
4701 \begingroup
4702 \csname c@\mpfn\endcsname #1\relax
4703 \unrestored@protected@xdef\@thefnmark{\thempfn}%
4704 \endgroup
4705 \@footnotemark\bidip@xRTLftntext[#1]}
4706
4707 \def\@xfloat #1[#2]{%
4708 \@nodocument
4709 \def \@captype {#1}%
4710 \def \@fps {#2}%
4711 \@onelevel@sanitize \@fps
4712 \def \reserved@b {!}%
4713 \ifx \reserved@b \@fps
4714 \@fpsadddefault
4715 \else
4716 \ifx \@fps \@empty

```



```

4717     \@fpsadddefault
4718     \fi
4719 \fi
4720 \ifhmode
4721     \@bsphack
4722     \@floatpenalty -\@Mii
4723 \else
4724     \@floatpenalty-\@Miii
4725 \fi
4726 \ifinner
4727     \@parmoderr\@floatpenalty\z@
4728 \else
4729     \@next\@currbox\@freelist
4730     {%
4731         \@tempcnta \sixt@n
4732         \expandafter \@tfor \expandafter \reserved@a
4733         \expandafter :\expandafter =\@fps
4734         \do
4735         {%
4736             \if \reserved@a h%
4737                 \ifodd \@tempcnta
4738                 \else
4739                     \advance \@tempcnta \@ne
4740                 \fi
4741             \fi
4742             \if \reserved@a t%
4743                 \@setfpsbit \tw@
4744             \fi
4745             \if \reserved@a b%
4746                 \@setfpsbit 4%
4747             \fi
4748             \if \reserved@a p%
4749                 \@setfpsbit 8%
4750             \fi
4751             \if \reserved@a !%
4752                 \ifnum \@tempcnta>15
4753                     \advance\@tempcnta -\sixt@n\relax
4754                 \fi
4755             \fi
4756         }%
4757         \@tempcntb \csname ftype@\@capttype \endcsname
4758         \multiply \@tempcntb \@xxxii
4759         \advance \@tempcnta \@tempcntb
4760         \global \count\@currbox \@tempcnta
4761     }%
4762     \@fltovf
4763 \fi
4764 \global \setbox\@currbox
4765     \color@vbox
4766     \normalcolor
4767     \vbox \bgroup
4768     \let\@footnotetext\@bidi@p@ftntext
4769     \let\@LTRfootnotetext\@bidi@p@LTRftntext
4770     \let\@RTLfootnotetext\@bidi@p@RTLftntext

```



```

4771 \let\@xfootnotenext\@xftntext
4772 \let\@xfootnote\@xfootnote
4773 \let\@xLTRfootnotenext\@xLTRftntext
4774 \let\@xLTRfootnote\@xLTRfootnote
4775 \let\@xRTLfootnotenext\@xRTLftntext
4776 \let\@xRTLfootnote\@xRTLfootnote
4777 \hsize\columnwidth
4778 \@parboxrestore
4779 \@floatboxreset
4780 }
4781 \def \@endfloatbox{%
4782 \par\vskip\z@skip %% \par\vskip\z@ added 15 Dec 87
4783 \@minipagefalse
4784 \outer@nobreak
4785 \egroup %% end of vbox
4786 \global\@xftntext\@xftntext\@xftntext\@xftntext\@xftntext\@xftntext
4787 \color@endbox
4788 }

```

## 50 File bidimoderncv.cls

```

4789 \NeedsTeXFormat{LaTeX2e}
4790 \ProvidesClass{bidimoderncv}
4791 \newif\if@DEBUG\@DEBUGfalse
4792 \DeclareOption{a4paper}{
4793 \setlength\paperheight{297mm}
4794 \setlength\paperwidth{210mm}}
4795 \DeclareOption{a5paper}{
4796 \setlength\paperheight{210mm}
4797 \setlength\paperwidth{148mm}}
4798 \DeclareOption{b5paper}{
4799 \setlength\paperheight{250mm}
4800 \setlength\paperwidth{176mm}}
4801 \DeclareOption{letterpaper}{
4802 \setlength\paperheight{11in}
4803 \setlength\paperwidth{8.5in}}
4804 \DeclareOption{legalpaper}{
4805 \setlength\paperheight{14in}
4806 \setlength\paperwidth{8.5in}}
4807 \DeclareOption{executivepaper}{
4808 \setlength\paperheight{10.5in}
4809 \setlength\paperwidth{7.25in}}
4810 \DeclareOption{landscape}{
4811 \setlength\@tempdima{\paperheight}
4812 \setlength\paperheight{\paperwidth}
4813 \setlength\paperwidth{\@tempdima}}
4814 \newcommand\@ptsize{}
4815 \DeclareOption{10pt}{\renewcommand\@ptsize{0}}
4816 \DeclareOption{11pt}{\renewcommand\@ptsize{1}}
4817 \DeclareOption{12pt}{\renewcommand\@ptsize{2}}
4818 \DeclareOption{draft}{\setlength\overfullrule{5pt}}
4819 \DeclareOption{final}{\setlength\overfullrule{0pt}}
4820 \newif\if@colour\@colourtrue
4821 \DeclareOption{nocolour}{\@colourfalse}

```



```

4822 \ExecuteOptions{a4paper,11pt,colour,final}
4823 \ProcessOptions\relax
4824 \input{size1\@ptsize.clo}
4825 \RequirePackage{color}
4826 \RequirePackage{graphicx}
4827 \RequirePackage{ifthen}
4828 \RequirePackage{marvosym}
4829 \addtolength{\oddsidemargin}{-54pt}
4830 \addtolength{\textwidth}{109pt}
4831 \addtolength{\topmargin}{-70pt}
4832 \addtolength{\textheight}{122pt}
4833 \addtolength{\marginparsep}{-5pt}
4834 \addtolength{\marginparwidth}{-10pt}
4835 \RequirePackage{url}
4836 \RequirePackage{hyperref}
4837 \hypersetup{%
4838   breaklinks,
4839   baseurl      = http://,%
4840   pdfborder    = 0 0 0,%
4841   pdfpagemode  = UseNone,%
4842   pdfstartpage = 1}
4843 \AtEndOfClass{%
4844   \AtBeginDocument{%
4845     \hypersetup{%
4846       pdfauthor      = \@firstname~\@familyname,%
4847       pdftitle       = \@title,%
4848       pdfsubject     = \@firstname~\@familyname,%
4849       pdfkeywords    = \@resumename~\@firstname~\@familyname}}}
4850 \urlstyle{tt}
4851 \RequirePackage{fancyhdr}
4852 \fancypagestyle{plain}{%
4853   \renewcommand{\headrulewidth}{0pt}
4854   \renewcommand{\footrulewidth}{0pt}
4855   \fancyhf{}}
4856 \pagestyle{plain}
4857 \setlength\lineskip{1\p@}
4858 \setlength\normallineskip{1\p@}
4859 \renewcommand\baselinestretch{}
4860 \setlength{\parindent}{0pt}
4861 \setlength{\parskip}{0pt}
4862 \setlength\columnsep{10\p@}
4863 \setlength\columnseprule{0\p@}
4864 \pagestyle{empty}
4865 \pagenumbering{arabic}
4866 \raggedbottom
4867 \onecolumn
4868 \providecommand*\listitemsymbol{\textbullet}
4869 \providecommand*\addresssymbol{}
4870 \providecommand*\mobilesymbol{\Mobilefone}
4871 \providecommand*\phonesymbol{\Telefon}
4872 \providecommand*\faxsymbol{\FAX}
4873 \providecommand*\emailsymbol{\Letter}
4874 \definecolor{firstnamecolor}{rgb}{0,0,0}
4875 \def\firstnamecolour#1{\gdef\@firstnamecolour{\addfontfeature{Color=#1}}}

```



```

4876 \def\familynamecolour#1{\gdef\@familynamecolour{\addfontfeature{Color=#1}}}
4877 \def\titlecolour#1{\gdef\@titlecolour{\addfontfeature{Color=#1}}}
4878 \def\addresscolour#1{\gdef\@addresscolour{\addfontfeature{Color=#1}}}
4879 \def\quotecolour#1{\gdef\@quotecolour{\addfontfeature{Color=#1}}}
4880 \def\sectiontitlecolour#1{\gdef\@sectiontitlecolour{\addfontfeature{Color=#1}}}
4881 \definecolor{sectionrectanglecolor}{rgb}{0,0,0}
4882 \def\subsectioncolour#1{\gdef\@subsectioncolour{\addfontfeature{Color=#1}}}
4883 \def\hintcolour#1{\gdef\@hintcolour{\addfontfeature{Color=#1}}}
4884 \providecommand*\firstnamefont{}
4885 \providecommand*\familynamefont{}
4886 \providecommand*\titlefont{}
4887 \providecommand*\addressfont{}
4888 \providecommand*\quoteftfont{}
4889 \providecommand*\sectionfont{}
4890 \providecommand*\subsectionfont{}
4891 \providecommand*\hintfont{}\small
4892 \providecommand*\firstnamestyle[1]{\{\@firstnamefont\@firstnamecolour#1}}
4893 \providecommand*\familynamestyle[1]{\{\@familynamefont\@familynamecolour#1}}
4894 \providecommand*\titlestyle[1]{\{\@titlefont\@titlecolour#1}}
4895 \providecommand*\addresstyle[1]{\{\@addressfont\@addresscolour#1}}
4896 \providecommand*\quotestyle[1]{\{\@quoteftfont\@quotecolour#1}}
4897 \providecommand*\sectionstyle[1]{\{\@sectionfont\@sectiontitlecolour#1}}
4898 \providecommand*\subsectionstyle[1]{\{\@subsectionfont\@subsectioncolour#1}}
4899 \providecommand*\hintstyle[1]{\{\@hintfont\@hintcolour#1}}
4900 \newcommand*\cvtheme[2][{}]{
4901   \def\@cvtheme{#2}
4902   \def\@cvthemeoptions{#1}}
4903 \cvtheme{bidi-casual}
4904 \AtBeginDocument{\RequirePackage[\@cvthemeoptions]{cvtheme\@cvtheme}}
4905 \newcommand*\resumename[1]{\def\@resumename{#1}}
4906 \newcommand*\firstname[1]{\def\@firstname{#1}}
4907 \newcommand*\familyname[1]{\def\@familyname{#1}}
4908 \renewcommand*\title[1]{\def\@title{#1}}
4909 \newcommand*\address[1]{\def\@address{#1}}
4910 \newcommand*\mobile[1]{\def\@mobile{#1}}
4911 \newcommand*\phone[1]{\def\@phone{#1}}
4912 \renewcommand*\fax[1]{\def\@fax{#1}}
4913 \newcommand*\email[1]{\def\@email{#1}}
4914 \newcommand*\extrainfo[1]{\def\@extrainfo{#1}}
4915 \def\@photowidth{0pt}
4916 \newcommand*\photo[2][64pt]{\def\@photowidth{#1}\def\@photo{#2}}
4917 \newcommand*\quote[1]{\def\@quote{#1}}
4918 \newlength{\quotewidth}
4919 \newlength{\hintscolumnwidth}
4920 \newlength{\separatorcolumnwidth}
4921 \setlength{\separatorcolumnwidth}{0.025\textwidth}
4922 \newlength{\maincolumnwidth}
4923 \newlength{\doubleitemmaincolumnwidth}
4924 \newlength{\listitemsymbolwidth}
4925 \settoheight{\listitemsymbolwidth}{\listitemsymbol{~}}
4926 \newlength{\listitemmaincolumnwidth}
4927 \newlength{\listdoubleitemmaincolumnwidth}
4928 \newcommand*\recomputethemelengths{}
4929 \newcommand*\recomputelengths{%

```



```

4930 \setlength{\quotewidth}{0.65\textwidth}%
4931 \setlength{\maincolumnwidth}{\textwidth}%
4932 \addtolength{\maincolumnwidth}{-\separatorcolumnwidth}%
4933 \addtolength{\maincolumnwidth}{-\hintscolumnwidth}%
4934 \setlength{\listitemmaincolumnwidth}{\maincolumnwidth}%
4935 \addtolength{\listitemmaincolumnwidth}{-\listitemsymbolwidth}%
4936 \setlength{\doubleitemmaincolumnwidth}{\maincolumnwidth}%
4937 \addtolength{\doubleitemmaincolumnwidth}{-\hintscolumnwidth}%
4938 \addtolength{\doubleitemmaincolumnwidth}{-\separatorcolumnwidth}%
4939 \setlength{\doubleitemmaincolumnwidth}{0.5\doubleitemmaincolumnwidth}%
4940 \setlength{\listdoubleitemmaincolumnwidth}{\maincolumnwidth}%
4941 \addtolength{\listdoubleitemmaincolumnwidth}{-\listitemsymbolwidth}%
4942 \setlength{\listdoubleitemmaincolumnwidth}{0.475\listdoubleitemmaincolumnwidth}%
4943 \renewcommand{\headwidth}{\textwidth}%
4944 \recomputethemelengths
4945 \setlength{\hintscolumnwidth}{0.15\textwidth}
4946 \recomputelengths
4947 \title{}
4948 \renewcommand*{\maketitle}{}
4949 \newcommand*{\section}[1]{%
4950 \vspace*{2.5ex \@plus 1ex \@minus .2ex}%
4951 \phantomsection}%
4952 \addcontentsline{toc}{part}{#1}%
4953 \parbox[m]{\hintscolumnwidth}{\bidi@raggedleft\hintfont{\leavevmode\color{sectionrectangle}%
4954 \hspace{\separatorcolumnwidth}%
4955 \parbox[m]{\maincolumnwidth}{\sectionstyle{#1}}\[\[1ex]}
4956 \newcommand*{\subsection}[1]{%
4957 \cvline[0.45em]{\subsectionstyle{#1}}%
4958 \newcommand*{\cvline}[3][.25em]{%
4959 \begin{tabular}{@{}p{\hintscolumnwidth}@{\hspace{\separatorcolumnwidth}}p{\maincolumnwidth}%
4960 \bidi@raggedleft\hintfont{#2} &{#3}%
4961 \end{tabular}\[\[1]}
4962 \newcommand*{\cvdoubleitem}[4]{%
4963 \cvline{#1}{\begin{minipage}[t]{\doubleitemmaincolumnwidth}#2\end{minipage}}%
4964 \hfill%
4965 \begin{minipage}[t]{\hintscolumnwidth}\bidi@raggedleft\hintfont{#3}\end{minipage}\hspace*{\hspace*{\separatorcolumnwidth}}%
4966 \newcommand*{\cvlistitem}[2][\listitemsymbol]{%
4967 \cvline[0pt]{\#1~\begin{minipage}[t]{\listitemmaincolumnwidth}#2\end{minipage}}%
4968 \newcommand*{\cvlistdoubleitem}[3][\listitemsymbol]{%
4969 \cvline[0pt]{\#1~\begin{minipage}[t]{\listdoubleitemmaincolumnwidth}#2\end{minipage}}%
4970 \hfill%
4971 \ifthenelse{equal{#3}}{%
4972 {}%
4973 {\#1~\begin{minipage}[t]{\listdoubleitemmaincolumnwidth}#3\end{minipage}}}%
4974 \newcommand*{\cventry}[6]{%
4975 \cvline{#1}{%
4976 {\bfseries#2}%
4977 \ifx#3\else{, {\slshape#3}}\fi%
4978 \ifx#4\else{, #4}\fi%
4979 \ifx#5\else{, #5}\fi%
4980 .%
4981 \ifx#6\else{\newline}\begin{minipage}[t]{\linewidth}\small#6\end{minipage}}\fi%
4982 }%
4983 \newcommand*{\cvlanguage}[3]{%

```



```

4984 \cvline{#1}{\begin{minipage}[t]{.225\maincolumnwidth}\textbf{#2}\end{minipage}\hfill\begin{minipage}[t]{.225\maincolumnwidth}\textbf{#3}\end{minipage}\hfill\begin{minipage}[t]{.225\maincolumnwidth}\textbf{#4}\end{minipage}}
4985 \newcommand*{\cvcomputer}[4]{%
4986 \cvdoubleitem{#1}{\small#2}{#3}{\small#4}}
4987 \newcommand*{\link}[2][{}]{%
4988 \ifthenelse{\equal{#1}{}}{%
4989 {\href{#2}{#2}}%
4990 {\href{#2}{#1}}}
4991 \newcommand*{\httplink}[2][{}]{%
4992 \ifthenelse{\equal{#1}{}}{%
4993 {\href{http://#2}{#2}}%
4994 {\href{http://#2}{#1}}}
4995 \newcommand*{\emailink}[2][{}]{%
4996 \ifthenelse{\equal{#1}{}}{%
4997 {\href{mailto:#2}{#2}}%
4998 {\href{mailto:#2}{#1}}}
4999 \newif\if@displaypagenumbers\@displaypagenumberstrue
5000 \newcommand*{\nopagenumbers}{\@displaypagenumbersfalse}
5001 \AtBeginDocument{%
5002 \if@displaypagenumbers%
5003 \ifundefined{r@lastpage}{\if%
5004 \ifthenelse{\pageref{lastpage} > 1}{%
5005 \fancypagestyle{plain}{%
5006 \fancyfoot[r]{\beginL\addressfont\@quotecolour\footnotesize\thepage\beginL/\endL\pageref{lastpage}}}%
5007 \pagestyle{plain}}}{}}%
5008 \AtEndDocument{\label{lastpage}}%
5009 \fi}
5010 \newlength{\bibindent}
5011 \setlength{\bibindent}{1.5em}
5012 \newcommand*{\bibliographyitemlabel}{\includegraphics{bidi-bibitem.pdf}}
5013 \newenvironment{thebibliography}[1]{%
5014 {%
5015 \section{\refname}%
5016 \small%
5017 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
5018 \bidi@thebibliography@font@hook%
5019 \begin{list}{\bibliographyitemlabel}%
5020 {%
5021 \setlength{\topsep}{0pt}%
5022 \setlength{\labelwidth}{\hintscolumnwidth}%
5023 \setlength{\labelsep}{\separatorcolumnwidth}%
5024 \leftmargin\labelwidth%
5025 \advance\leftmargin\labelsep%
5026 \@openbib@code%
5027 \usecounter{enumiv}%
5028 \let\p@enumiv\@empty%
5029 \renewcommand\theenumiv{\@arabic\c@enumiv}}%
5030 \sloppy\clubpenalty4000\widowpenalty4000%
5031 }%
5032 {%
5033 \def\@noitemerr{\@latex@warning{Empty `thebibliography' environment}}%
5034 \end{list}%
5035 }
5036 \newcommand\newblock{\hskip .11em\@plus.33em\@minus.07em}
5037 \let\@openbib@code\@empty

```



## 51 File bidi-perpage.sty

```

5038 \NeedsTeXFormat{LaTeX2e}
5039 \ProvidesPackage{bidi-perpage}[2018/10/04 v0.4 Reset counter(s) on every page]
5040 \newcount\bidi@page@count
5041 \bidi@page@count\@ne
5042 \newcommand*{\ResetCounterPerPage}[2][\z@]{%
5043   \if@bidi@csundef\bidi@stepcounterhook@#2}{%
5044     \expandafter\gdef\csname bidi@stepcounterhook@#2\endcsname{%
5045       }{%
5046         \if@bidi@csundef\if@bidi@reset@#2@rerun}{%
5047           \expandafter\newif\csname if@bidi@reset@#2@rerun\endcsname
5048         }{%
5049           \if@bidi@csundef\bidi@#2@count}{%
5050             \expandafter\newcount\csname bidi@#2@count\endcsname
5051           }{%
5052             \csname bidi@#2@count\endcsname\z@
5053           \if@bidi@csundef\bidi@previous@page@#2@count}{%
5054             \expandafter\newcount\csname
5055               bidi@previous@page@#2@count\endcsname
5056           }{%
5057             \csname bidi@previous@page@#2@count\endcsname\z@
5058           \if@bidi@csundef\bidi@reset@#2@perpage}{%
5059             \bidi@AfterEndDocumentCheckLabelsRerun{%
5060               \csname if@bidi@reset@#2@rerun\endcsname
5061               \PackageWarningNoLine{bidi-perpage}{%
5062                 Counter `#2' may not have been reset per page.
5063                 Rerun to reset counter `#2' per page%
5064               }%
5065             \fi
5066           }%
5067         }{%
5068           \expandafter\gdef\csname bidi@reset@#2@perpage\endcsname{%
5069             \global\advance\csname bidi@#2@count\endcsname\@ne
5070             \if@filesw
5071               \edef\@tempa{%
5072                 \write\@auxout{%
5073                   \string\bidi@counter@page{#2}%
5074                   {\number\csname bidi@#2@count\endcsname}%
5075                   {\noexpand\number\noexpand\bidi@page@count}%
5076                 }%
5077               }%
5078             \@tempa
5079             \fi
5080           \begingroup\expandafter\expandafter\expandafter\endgroup
5081           \expandafter\ifx\csname bidi@#2@@\number\csname
5082             bidi@#2@count\endcsname\endcsname\relax
5083             \global\csname @bidi@reset@#2@reruntrue\endcsname
5084           \else
5085             \global\csname @bidi@reset@#2@rerunfalse\endcsname
5086             \expandafter\@tempcnta\csname bidi@#2@@\number
5087             \csname bidi@#2@count\endcsname\endcsname\relax
5088             \ifnum\@tempcnta=\csname
5089               bidi@previous@page@#2@count\endcsname

```



```

5090 \else
5091 \global\csname
5092   bidi@previous@page@@#2@count\endcsname\@tempcnta
5093   \global\csname c@#2\endcsname#1\relax
5094 \fi
5095 \fi
5096 }%
5097 \expandafter\bidi@gappto\csname
5098   bidi@stepcounterhook@@#2\endcsname{%
5099   \csname bidi@reset@#2@perpage\endcsname
5100 }%
5101 }
5102 \def\bidi@counter@page#1#2#3{\bidi@namegdef\bidi@#1@@#2}{#3}}
5103 \bidi@AtEndOutputPage{%
5104   \global\advance\bidi@page@count\@ne
5105 }

```

## 52 File biditools.sty

```

5106 \NeedsTeXFormat{LaTeX2e}
5107 \ProvidesPackage{biditools}[2022/06/15 v2.3 Programming tools for bidi package]
5108 \providecommand{\@bidi@saveprimitive}[2]{\begingroup\escapechar`\\relax
5109   \edef\@tempa{\string#1}\edef\@tempb{\meaning#1}%
5110   \ifx\@tempa\@tempb \global\let#2#1%
5111   \else
5112     \edef\@tempb{\meaning#2}%
5113     \ifx\@tempa\@tempb
5114     \else
5115       \latex@error{Unable to properly define \string#2; primitive
5116       \noexpand#1no longer primitive}\@eha
5117     \fi
5118   \fi
5119   \endgroup}
5120 \newtoks\@bidi@envbody
5121 \newtoks\@bidi@emptytoks
5122 \def\bidi@addto@envbody#1{\global\@bidi@envbody\expandafter{\the\@bidi@envbody#1}}
5123 \def\bidi@collect@body#1{%
5124   \@bidi@envbody{\expandafter#1\expandafter{\the\@bidi@envbody}}%
5125   \edef\bidi@process@envbody{\the\@bidi@envbody\noexpand\end{\@currentvir}}%
5126   \@bidi@envbody\@bidi@emptytoks \def\begin@bidi@stack{b}%
5127   \begingroup
5128   \expandafter\let\csname\@currentvir\endcsname\bidi@collect@@body
5129   \edef\bidi@process@envbody{\expandafter\noexpand\csname\@currentvir\endcsname}%
5130   \bidi@process@envbody
5131 }
5132 \def\bidi@push@begins#1\begin#2{%
5133   \ifx\end#2\else b\expandafter\bidi@push@begins\fi
5134 }
5135 \def\bidi@collect@@body#1\end#2{%
5136   \edef\begin@bidi@stack{\bidi@push@begins#1\begin\end \expandafter\@gobble\begin@bidi@stack}
5137   \ifx\@empty\begin@bidi@stack
5138     \endgroup
5139     \checkend{#2}%
5140     \bidi@addto@envbody{#1}%

```



```

5141 \else
5142   \bidi@addto@envbody{#1\end{#2}}%
5143 \fi
5144 \bidi@process@envbody % A little tricky! Note the grouping
5145 }
5146 \long\def\bidi@addto@long@envbody#1{\global\@bidi@envbody\expandafter{\the\@bidi@envbody#1}}
5147 \long\def\bidi@collect@long@body#1{%
5148   \@bidi@envbody{\expandafter#1\expandafter{\the\@bidi@envbody}}%
5149   \edef\bidi@process@envbody{\the\@bidi@envbody\noexpand\end{\@currentvir}}%
5150   \@bidi@envbody\@bidi@emptytoks \def\begin@bidi@stack{b}%
5151   \begingroup
5152   \expandafter\let\csname\@currentvir\endcsname\bidi@collect@long@@body
5153   \edef\bidi@process@envbody{\expandafter\noexpand\csname\@currentvir\endcsname}%
5154   \bidi@process@envbody
5155 }
5156 \long\def\bidi@push@long@begins#1\begin#2{%
5157   \ifx\end#2\else b\expandafter\bidi@push@long@begins\fi
5158 }
5159 \long\def\bidi@collect@long@@body#1\end#2{%
5160   \edef\begin@bidi@stack{\bidi@push@long@begins#1\begin\end \expandafter\@gobble\begin@bidi@stack}
5161   \ifx\@empty\begin@bidi@stack
5162     \endgroup
5163     \@checkend{#2}%
5164     \bidi@addto@long@envbody{#1}%
5165   \else
5166     \bidi@addto@long@envbody{#1\end{#2}}%
5167   \fi
5168   \bidi@process@envbody % A little tricky! Note the grouping
5169 }
5170 \long\def\bidi@new@ifnextchar#1#2#3{%
5171   \let\reserved@d= #1%
5172   \def\reserved@a{#2}\def\reserved@b{#3}%
5173   \futurelet\@let@token\bidi@new@ifnch
5174 }
5175 \def\bidi@new@ifnch{%
5176   \ifx\@let@token\reserved@d \let\reserved@b\reserved@a \fi
5177   \reserved@b
5178 }
5179 \def\bidi@matrix@check#1{%
5180   \expandafter\ifx\csname\@currentvir\endcsname#1%
5181   \else\bidi@matrix@error#1%
5182     \expandafter\@gobble
5183   \fi
5184 }
5185 \def\bidi@matrix@error#1{%
5186   \PackageError{bidiutils}{%
5187     Old form ``\string#1' should be \string\begin{\expandafter\@gobble\string#1}%
5188   }{%
5189     ``\string#1{...}' is old bidi package syntax whose use is
5190     ill-advised in the old versions of bidi package.%
5191   }%
5192 }
5193 \def\@tagsextension{clo}
5194 \def\@definitionfileextension{def}

```



```

5195 \def\@texfileextension{tex}
5196 \def\@iftagsloaded{\@ifl@aded\@tagsextension}
5197 \def\@ifdefinitionfileloaded{\@ifl@aded\@definitionfileextension}
5198 \def\@iftexfileloaded{\@ifl@aded\@texfileextension}
5199 \def\eqnewif#1#2{%
5200   \count@\escapechar \escapechar\m@ne
5201   \let#1\iffalse
5202   \let#2\iffalse
5203   \eq@if#1#2\iftrue
5204   \eq@if#1#2\iffalse
5205   \escapechar\count@}
5206 \def\eq@if#1#2#3{%
5207   \expandafter\def\csname\expandafter\@gobbletwo\string#1%
5208     \expandafter\@gobbletwo\string#3\endcsname
5209     {\let#1#3%
5210      \let#2#3}%
5211   \expandafter\def\csname\expandafter\@gobbletwo\string#2%
5212     \expandafter\@gobbletwo\string#3\endcsname
5213     {\let#2#3%
5214      \let#1#3}}
5215 \def\noteqnewif#1#2{%
5216   \count@\escapechar \escapechar\m@ne
5217   \let#1\iffalse
5218   \let#2\iffalse
5219   \not@eq@if#1#2\iftrue\iffalse
5220   \escapechar\count@}
5221 \def\not@eq@if#1#2#3#4{%
5222   \expandafter\def\csname\expandafter\@gobbletwo\string#1%
5223     \expandafter\@gobbletwo\string#3\endcsname
5224     {\let#1#3%
5225      \let#2#4}%
5226   \expandafter\def\csname\expandafter\@gobbletwo\string#1%
5227     \expandafter\@gobbletwo\string#4\endcsname
5228     {\let#1#4%
5229      \let#2#3}%
5230   \expandafter\def\csname\expandafter\@gobbletwo\string#2%
5231     \expandafter\@gobbletwo\string#3\endcsname
5232     {\let#2#3%
5233      \let#1#4}%
5234   \expandafter\def\csname\expandafter\@gobbletwo\string#2%
5235     \expandafter\@gobbletwo\string#4\endcsname
5236     {\let#2#4%
5237      \let#1#3}}
5238 \newcommand*\SetBoolean}[2]{%
5239   \lowercase{\def\@tempa{#2}}%
5240   \@ifundefined{\@tempswa\@tempa}%
5241     {\PackageError{biditytools}%
5242      {You can only set a boolean to `true' or `false'}\@ehc}%
5243     {\@ifundefined{#1\@tempa}%
5244      {\PackageError{biditytools}{Boolean #1 undefined}\@ehc}%
5245      {\csname#1\@tempa\endcsname}}}%
5246 \newcommand*\GlobalSetBoolean}[2]{%
5247   \lowercase{\def\@tempa{#2}}%
5248   \@ifundefined{\@tempswa\@tempa}%

```



```

5249 {\PackageError{biditools}%
5250 {You can only set a boolean to `true' or `false'}\@ehc}%
5251 {\@ifundefined{#1\@tempa}%
5252 {\PackageError{biditools}{Boolean #1 undefined}\@ehc}%
5253 {\global\csname#1\@tempa\endcsname}}}
5254 \newcommand*\SetatBoolean}[2]{%
5255 \lowercase{\def\@tempa{#2}}%
5256 \@ifundefined{@tempwa\@tempa}%
5257 {\PackageError{biditools}%
5258 {You can only set a boolean to `true' or `false'}\@ehc}%
5259 {\@ifundefined{@#1\@tempa}%
5260 {\PackageError{biditools}{Boolean @#1 undefined}\@ehc}%
5261 {\csname @#1\@tempa\endcsname}}}
5262 \newcommand*\GlobalSetatBoolean}[2]{%
5263 \lowercase{\def\@tempa{#2}}%
5264 \@ifundefined{@tempwa\@tempa}%
5265 {\PackageError{biditools}%
5266 {You can only set a boolean to `true' or `false'}\@ehc}%
5267 {\@ifundefined{@#1\@tempa}%
5268 {\PackageError{biditools}{Boolean @#1 undefined}\@ehc}%
5269 {\global\csname @#1\@tempa\endcsname}}}
5270 \def\@bidi@removefromreset#1#2{%
5271 \expandafter\let\csname c@#1\endcsname\@bidi@removefromreset
5272 \def\@elt##1{%
5273 \expandafter\ifx\csname c@##1\endcsname\@bidi@removefromreset
5274 \else
5275 \noexpand\@elt{##1}%
5276 \fi}%
5277 \expandafter\xdef\csname cl@#2\endcsname{%
5278 \csname cl@#2\endcsname}}}
5279 \newcommand*\ifRtoL{%
5280 \if@RTL
5281 \expandafter\@firstoftwo
5282 \else
5283 \expandafter\@secondoftwo
5284 \fi}
5285 \newcommand*\ifLtoR{%
5286 \if@RTL
5287 \expandafter\@secondoftwo
5288 \else
5289 \expandafter\@firstoftwo
5290 \fi}
5291 \newcommand*\ifRtoLtable{%
5292 \if@RTLtab
5293 \expandafter\@firstoftwo
5294 \else
5295 \expandafter\@secondoftwo
5296 \fi}
5297 \newcommand*\ifLtoRtable{%
5298 \if@RTLtab
5299 \expandafter\@secondoftwo
5300 \else
5301 \expandafter\@firstoftwo
5302 \fi}

```



```

5303 \newcommand*{\ifRtoLhboxconstruct}{%
5304   \if@hboxRconstruct
5305     \expandafter\@firstoftwo
5306   \else
5307     \expandafter\@secondoftwo
5308   \fi}
5309 \newcommand*{\ifLtoRhboxconstruct}{%
5310   \if@hboxRconstruct
5311     \expandafter\@secondoftwo
5312   \else
5313     \expandafter\@firstoftwo
5314   \fi}
5315 \newcommand*{\iflatin}{%
5316   \if@nonlatin
5317     \expandafter\@secondoftwo
5318   \else
5319     \expandafter\@firstoftwo
5320   \fi}
5321 \newcommand*{\ifnonlatin}{%
5322   \if@nonlatin
5323     \expandafter\@firstoftwo
5324   \else
5325     \expandafter\@secondoftwo
5326   \fi}
5327
5328 \newcommand*{\bidi@@convert@dimen@t@unit}[2]{%
5329   \strip@pt\dimexpr #1*65536/\dimexpr 1#2\relax #2}
5330
5331 \newcommand*{\bidi@@convert@dimen@t@pt}[1]{%
5332   \dimexpr #1*65536/\dimexpr 1pt\relax}
5333
5334 \newcommand*{\if@bidi@csdef}[1]{%
5335   \ifcsname#1\endcsname
5336     \expandafter\@firstoftwo
5337   \else
5338     \expandafter\@secondoftwo
5339   \fi}
5340 \newcommand*{\if@bidi@csundef}[1]{%
5341   \ifcsname#1\endcsname
5342     \expandafter\ifx\csname#1\endcsname\relax
5343       \expandafter\expandafter
5344       \expandafter\@firstoftwo
5345     \else
5346       \expandafter\expandafter
5347       \expandafter\@secondoftwo
5348     \fi
5349   \else
5350     \expandafter\@firstoftwo
5351   \fi}
5352 \newcommand*{\if@bidi@def}[1]{%
5353   \ifdefined#1%
5354     \expandafter\@firstoftwo
5355   \else
5356     \expandafter\@secondoftwo

```



```

5357 \fi}
5358 \newcommand{\if@bidi@undef}[1]{%
5359 \ifdefined#1%
5360 \ifx#1\relax
5361 \expandafter\expandafter
5362 \expandafter\@firstoftwo
5363 \else
5364 \expandafter\expandafter
5365 \expandafter\@secondoftwo
5366 \fi
5367 \else
5368 \expandafter\@firstoftwo
5369 \fi}
5370 \newcommand{\if@bidi@blank}[1]{% from url.sty
5371 \bidi@ifblank@i#1&&\@secondoftwo\@firstoftwo:}
5372 \long\def\bidi@ifblank@i#1#2&#3#4#5:{#4}
5373 \newcommand{\bidi@notblank}[1]{%
5374 \bidi@ifblank@i#1&&\@firstoftwo\@secondoftwo:}
5375 \newcommand{\if@bidi@defmacro}{}
5376 \long\edef\if@bidi@defmacro#1{%
5377 \noexpand\expandafter\noexpand\bidi@ifdefmacro
5378 \noexpand\meaning#1\detokenize{macro}:&}
5379 \edef\bidi@ifdefmacro{%
5380 \def\noexpand\bidi@ifdefmacro##1\detokenize{macro}:##2&}
5381 \bidi@ifdefmacro{\bidi@notblank{#2}}
5382 \newcommand*{\if@bidi@csmacro}[1]{%
5383 \if@bidi@csdef{#1}
5384 {\expandafter\if@bidi@defmacro\csname#1\endcsname}
5385 {\@secondoftwo}}
5386 \newcommand{\if@bidi@defprimitive}[1]{%
5387 \ifprimitive#1%
5388 \expandafter\@firstoftwo
5389 \else
5390 \expandafter\@secondoftwo
5391 \fi}
5392 \newcommand{\if@bidi@csprimitive}[1]{%
5393 \begingroup\expandafter\expandafter\expandafter\endgroup%
5394 \expandafter\ifprimitive\csname#1\endcsname%
5395 \expandafter\@firstoftwo
5396 \else
5397 \expandafter\@secondoftwo
5398 \fi}
5399 \newcommand*{\bidi@csdefcs}[2]{%
5400 \expandafter\@ifdefinable \csname#1\endcsname{%
5401 \expandafter\def\csname#1\expandafter\endcsname{\csname#2\endcsname}}}
5402 \newcommand*{\bidi@csletcs}[2]{%
5403 \expandafter\@ifdefinable \csname#1\endcsname{%
5404 \expandafter\let\csname#1\expandafter\endcsname\csname#2\endcsname}}
5405 \newcommand*{\bidi@cslet}[2]{%
5406 \expandafter\@ifdefinable \csname#1\endcsname{%
5407 \expandafter\let\csname#1\endcsname#2}}
5408 \newcommand{\bidi@namelongdef}[1]{%
5409 \long\expandafter\def\csname #1\endcsname}
5410 \newcommand{\bidi@namelonggdef}[1]{%

```



```

5411 \long\expandafter\gdef\csname #1\endcsname}
5412 \newcommand{\bidi@namelongedef}[1]{%
5413 \long\expandafter\edef\csname #1\endcsname}
5414 \newcommand{\bidi@namelongxdef}[1]{%
5415 \long\expandafter\xdef\csname #1\endcsname}
5416 \def\bidi@ensure@newcommand{\@star@or@long\bidi@ensure@new@command}
5417 \def\bidi@ensure@new@command#1{%
5418 \begingroup \escapechar\m@ne\xdef\@gtempa{\string#1}\endgroup
5419 \expandafter\if@bidi@csundef\@gtempa
5420 {\new@command#1}{\relax%
5421 \let\@ifdefinable\@rc@ifdefinable%
5422 \new@command#1}}
5423 \def\bidi@ensure@newlength#1{\if@bidi@undef#1{\newskip#1}{}}
5424
5425 \protected\def\bidi@error{\PackageError{bidi}}
5426 \protected\def\bidi@warning{\PackageWarning{bidi}}
5427 \protected\def\bidi@info{\PackageInfo{bidi}}
5428
5429 \def\bidi@pos#1#2#3#4{\bidi@namegdef\bidi@#1pos@@#2@#3}{#4}}
5430
5431 \newcount\bidi@poscount
5432
5433 \newcommand*{\WriteStartXPostoaux}{%
5434 \global\advance\bidi@poscount\@ne
5435 \edef\@tempa{%
5436 \write\@auxout{%
5437 \string\bidi@pos{x}{start}{\number\bidi@poscount}{\noexpand\number\noexpand\pdflastx
5438 }%
5439 }%
5440 \ifvmode
5441 \leavevmode
5442 \fi
5443 \if@RTL
5444 \if@filesw
5445 \@tempa
5446 \fi
5447 \pdfsavepos
5448 \else
5449 \pdfsavepos
5450 \if@filesw
5451 \@tempa
5452 \fi
5453 \fi
5454 \if@bidi@csundef\bidi@xpos@@start@\number\bidi@poscount}{%
5455 \PackageWarningNoLine{biditools}{%
5456 The start x position '\number\bidi@poscount' is not known yet.
5457 Rerun to get this x position%
5458 }%
5459 }{}%
5460 }
5461
5462 \newcommand*{\WriteEndXPostoaux}{%
5463 \edef\@tempa{%
5464 \write\@auxout{%

```



```

5465         \string\bidipos{x}{end}{\number\bidiposcount}{\noexpand\number\noexpand\pdflastx
5466     }%
5467 }%
5468 \if@RTL
5469     \if@filesw
5470         \@tempa
5471     \fi
5472     \pdfsavepos
5473 \else
5474     \pdfsavepos
5475 \if@filesw
5476     \@tempa
5477 \fi
5478 \fi
5479 \if@bidi@csundef{bidi@xpos@@end@\number\bidiposcount}{%
5480     \PackageWarningNoLine{biditools}{%
5481         The end x position `\'number\bidiposcount' is not known yet.
5482         Rerun to get this x position%
5483     }%
5484 }{}%
5485 }
5486
5487 \newcommand*{\WriteStartYPostoaux}{%
5488     \global\advance\bidiposcount\@ne
5489     \edef\@tempa{%
5490         \write\@auxout{%
5491             \string\bidipos{y}{start}{\number\bidiposcount}{\noexpand\number\noexpand\pdflastx
5492         }%
5493     }%
5494     \ifvmode
5495         \leavevmode
5496     \fi
5497 \if@RTL
5498     \if@filesw
5499         \@tempa
5500     \fi
5501     \pdfsavepos
5502 \else
5503     \pdfsavepos
5504 \if@filesw
5505     \@tempa
5506 \fi
5507 \fi
5508 \if@bidi@csundef{bidi@ypos@@start@\number\bidiposcount}{%
5509     \PackageWarningNoLine{biditools}{%
5510         The start y position `\'number\bidiposcount' is not known yet.
5511         Rerun to get this y position%
5512     }%
5513 }{}%
5514 }
5515
5516 \newcommand*{\WriteEndYPostoaux}{%
5517     \edef\@tempa{%
5518         \write\@auxout{%

```



```

5519         \string\bidipos{y}{end}{\number\bidiposcount}{\noexpand\number\noexpand\pdflastx
5520     }%
5521 }%
5522 \if@RTL
5523     \if@filesw
5524         \@tempa
5525     \fi
5526     \pdfsavepos
5527 \else
5528     \pdfsavepos
5529 \if@filesw
5530     \@tempa
5531 \fi
5532 \fi
5533 \if@bidi@csundef{bidi@ypos@@end@\number\bidiposcount}{%
5534     \PackageWarningNoLine{biditools}{%
5535         The end y position ` \number\bidiposcount' is not known yet.
5536         Rerun to get this y position%
5537     }%
5538 }{}%
5539 }
5540
5541 \newcommand*{\WriteStartXYPostoaux}{%
5542     \global\advance\bidiposcount\@ne
5543     \edef\@tempa{%
5544         \write\@auxout{%
5545             \string\bidipos{x}{start}{\number\bidiposcount}{\noexpand\number\noexpand\pdflastx
5546         }%
5547         \write\@auxout{%
5548             \string\bidipos{y}{start}{\number\bidiposcount}{\noexpand\number\noexpand\pdflastx
5549         }%
5550     }%
5551     \ifvmode
5552         \leavevmode
5553     \fi
5554 \if@RTL
5555     \if@filesw
5556         \@tempa
5557     \fi
5558     \pdfsavepos
5559 \else
5560     \pdfsavepos
5561 \if@filesw
5562     \@tempa
5563 \fi
5564 \fi
5565 \if@bidi@csundef{bidi@xpos@@start@\number\bidiposcount}{%
5566     \PackageWarningNoLine{biditools}{%
5567         The start x position ` \number\bidiposcount' is not known yet.
5568         Rerun to get this x position%
5569     }%
5570 }{}%
5571 \if@bidi@csundef{bidi@ypos@@start@\number\bidiposcount}{%
5572     \PackageWarningNoLine{biditools}{%

```



```

5573         The start y position '\number\bidiposcount' is not known yet.
5574         Rerun to get this y position%
5575     }%
5576 }{}%
5577 }
5578
5579 \newcommand*{\WriteEndXYPostoaux}{%
5580     \edef\@tempa{%
5581         \write\@auxout{%
5582             \string\bidipos{x}{end}{\number\bidiposcount}{\noexpand\number\noexpand\pdflastx
5583         }%
5584         \write\@auxout{%
5585             \string\bidipos{y}{end}{\number\bidiposcount}{\noexpand\number\noexpand\pdflasty
5586         }%
5587     }%
5588 \if@RTL
5589     \if@filesw
5590     \@tempa
5591 \fi
5592 \pdfsavepos
5593 \else
5594 \pdfsavepos
5595 \if@filesw
5596     \@tempa
5597 \fi
5598 \fi
5599 \if@bidi@csundef{bidi@xpos@@end@\number\bidiposcount}{%
5600     \PackageWarningNoLine{biditools}{%
5601         The end x position '\number\bidiposcount' is not known yet.
5602         Rerun to get this x position%
5603     }%
5604 }{}%
5605 \if@bidi@csundef{bidi@ypos@@end@\number\bidiposcount}{%
5606     \PackageWarningNoLine{biditools}{%
5607         The end y position '\number\bidiposcount' is not known yet.
5608         Rerun to get this y position%
5609     }%
5610 }{}%
5611 }
5612
5613 \newcommand*{\currentposxwidth}{%
5614     \if@bidi@csundef{bidi@xpos@@end@\number\bidiposcount}{\z@}
5615     {%
5616         \ifnum\csname bidi@xpos@@start@\number\bidiposcount
5617         \endcsname < \csname bidi@xpos@@end@\number\bidiposcount
5618         \endcsname
5619         \dimexpr \csname bidi@xpos@@end@\number\bidiposcount
5620         \endcsname sp - \csname bidi@xpos@@start@\number\bidiposcount
5621         \endcsname sp\relax
5622     \else
5623         \dimexpr \csname bidi@xpos@@start@\number\bidiposcount
5624         \endcsname sp - \csname bidi@xpos@@end@\number\bidiposcount
5625         \endcsname sp\relax
5626     \fi

```



```

5627 }%
5628 }
5629
5630 \newcommand*{\currentposyheight}{%
5631   \if@bidi@csundef{bidi@ypos@@end@number\bidi@poscount}{\z@}
5632   {%
5633     \dimexpr \csname bidi@ypos@@start@number\bidi@poscount
5634     \endcsname sp - \csname bidi@ypos@@end@number\bidi@poscount
5635     \endcsname sp\relax
5636   }%
5637 }
5638
5639
5640
5641 \newcommand*{\setbaselineskip}[1]{%
5642   \linespread{\strip@pt\dimexpr\numexpr\dimexpr#1\relax*65536/\dimexpr\baselineskip\relax}
5643   \selectfont
5644 }
5645
5646
5647 \newcommand*{\bidi@newrobustcmd}{%
5648   \protected\def\bidi@newrobustcmd{\@star@or@long\bidi@new@command}
5649
5650 \def\bidi@new@command#1{\@testopt{\bidi@newcommand#1}0}
5651
5652 \def\bidi@newcommand#1[#2]{%
5653   \@ifnextchar[%
5654     {\bidi@xargdef#1[#2]}
5655     {\ifx\l@ngrel@x\relax
5656       \let\l@ngrel@x\protected
5657       \else
5658         \protected\def\l@ngrel@x{\protected\long}%
5659       \fi
5660       \@argdef#1[#2]}}
5661
5662 \long\def\bidi@xargdef#1[#2][#3]#4{%
5663   \@ifdefinable#1{%
5664     \expandafter\protected
5665     \expandafter\def
5666     \expandafter#1%
5667     \expandafter{%
5668       \expandafter\@testopt
5669       \csname\string#1\endcsname{#3}}}%
5670   \expandafter\@yargdef\csname\string#1\endcsname\tw#{#2}{#4}}
5671
5672 \bidi@newrobustcmd*{\bidi@renewrobustcmd}{\@star@or@long\bidi@renew@command}
5673
5674 \def\bidi@renew@command#1{%
5675   \if@bidi@undef{#1}
5676     {\bidi@error{\string#1 undefined}\@ehc}
5677     {}%
5678   \let\@ifdefinable\@rc@ifdefinable
5679   \bidi@new@command#1}
5680

```



```

5681
5682
5683 \bidi@newrobustcmd*{\bidi@providerobustcmd}{\@star@or@long\bidi@provide@command}
5684
5685 \def\bidi@provide@command#1{%
5686   \if@bidi@undef{#1}
5687     {\def\reserved@a{\bidi@new@command#1}}
5688     {\def\reserved@a{\bidi@renew@command\reserved@a}}%
5689   \reserved@a}
5690
5691 \newcommand*{\bidi@csuse}[1]{%
5692   \ifcsname#1\endcsname
5693     \csname#1\expandafter\endcsname
5694   \fi}
5695
5696 \newcommand{\bidi@expandonce}[1]{%
5697   \unexpanded\expandafter{#1}}
5698
5699 \def\bidi@protected{%
5700   \let\@@protect\protect
5701   \let\protect\@unexpandable@protect
5702   \afterassignment\restore@protect}
5703
5704 \bidi@newrobustcmd{\bidi@appto}[2]{%
5705   \if@bidi@undef{#1}
5706     {\edef#1{\unexpanded{#2}}}
5707     {\edef#1{\bidi@expandonce#1\unexpanded{#2}}}}
5708 \bidi@newrobustcmd{\bidi@eappto}[2]{%
5709   \if@bidi@undef{#1}
5710     {\edef#1{#2}}
5711     {\edef#1{\bidi@expandonce#1#2}}}
5712 \bidi@newrobustcmd{\bidi@gappto}[2]{%
5713   \if@bidi@undef{#1}
5714     {\xdef#1{\unexpanded{#2}}}
5715     {\xdef#1{\bidi@expandonce#1\unexpanded{#2}}}}
5716 \bidi@newrobustcmd{\bidi@xappto}[2]{%
5717   \if@bidi@undef{#1}
5718     {\xdef#1{#2}}
5719     {\xdef#1{\bidi@expandonce#1#2}}}
5720
5721 \bidi@newrobustcmd*{\bidi@protected@eappto}{\bidi@protected\bidi@eappto}
5722 \bidi@newrobustcmd*{\bidi@protected@xappto}{\bidi@protected\bidi@xappto}
5723
5724
5725
5726 \bidi@newrobustcmd{\bidi@preto}[2]{%
5727   \if@bidi@undef{#1}
5728     {\edef#1{\unexpanded{#2}}}
5729     {\edef#1{\unexpanded{#2}\bidi@expandonce#1}}}
5730 \bidi@newrobustcmd{\bidi@epreto}[2]{%
5731   \if@bidi@undef{#1}
5732     {\edef#1{#2}}
5733     {\edef#1{#2\bidi@expandonce#1}}}
5734 \bidi@newrobustcmd{\bidi@gpreto}[2]{%

```



```

5735 \if@bidi@undef{#1}
5736   {\xdef#1{\unexpanded{#2}}}%
5737   {\xdef#1{\unexpanded{#2}\bidi@expandonce#1}}}%
5738 \bidi@newrobustcmd{\bidi@xpreto}[2]{%
5739   \if@bidi@undef{#1}
5740     {\xdef#1{#2}}%
5741     {\xdef#1{#2\bidi@expandonce#1}}}%
5742
5743 \bidi@newrobustcmd*{\bidi@protected@epreto}{\bidi@protected\bidi@epreto}
5744 \bidi@newrobustcmd*{\bidi@protected@xpreto}{\bidi@protected\bidi@xpreto}
5745
5746
5747
5748 \bidi@newrobustcmd*{\bidi@csappto}[1]{\expandafter\bidi@appto\csname#1\endcsname}
5749 \bidi@newrobustcmd*{\bidi@cseappto}[1]{\expandafter\bidi@eappto\csname#1\endcsname}
5750 \bidi@newrobustcmd*{\bidi@csgappto}[1]{\expandafter\bidi@gappto\csname#1\endcsname}
5751 \bidi@newrobustcmd*{\bidi@csxappto}[1]{\expandafter\bidi@xappto\csname#1\endcsname}
5752 \bidi@newrobustcmd*{\bidi@protected@cseappto}{\bidi@protected\bidi@cseappto}
5753 \bidi@newrobustcmd*{\bidi@protected@csxappto}{\bidi@protected\bidi@csxappto}
5754
5755
5756
5757 \bidi@newrobustcmd*{\bidi@cspreto}[1]{\expandafter\bidi@preto\csname#1\endcsname}
5758 \bidi@newrobustcmd*{\bidi@csepreto}[1]{\expandafter\bidi@epreto\csname#1\endcsname}
5759 \bidi@newrobustcmd*{\bidi@csgpreto}[1]{\expandafter\bidi@gpreto\csname#1\endcsname}
5760 \bidi@newrobustcmd*{\bidi@csxpreto}[1]{\expandafter\bidi@xpreto\csname#1\endcsname}
5761 \bidi@newrobustcmd*{\bidi@protected@csepreto}{\bidi@protected\bidi@csepreto}
5762 \bidi@newrobustcmd*{\bidi@protected@csxpreto}{\bidi@protected\bidi@csxpreto}
5763
5764
5765
5766 \bidi@newrobustcmd{\if@bidi@patchable}{%
5767   \bidi@dbg@trce\if@bidi@patchable
5768   \begingroup
5769   \@makeother\%
5770   \@ifstar\bidi@ifpatchable@i\bidi@ifpatchable}
5771
5772 \long\def\bidi@ifpatchable#1#2{%
5773   \endgroup
5774   \bidi@dbg@init#1%
5775   \if@bidi@undef{#1}
5776     {\bidi@dbg@fail{def}\@secondoftwo}
5777     {\bidi@dbg@info{def}%
5778       \if@bidi@defmacro{#1}
5779         {\bidi@dbg@info{mac}}%
5780         \bidi@ifscanable{#1}
5781           {\bidi@ifhashcheck{#2}
5782             {\bidi@dbg@info{tok}}%
5783             \bidi@ifpattern#1{#2}
5784               {\bidi@dbg@info{pat}}%
5785               \bidi@dbg@info{pos}\@firstoftwo}
5786             {\bidi@dbg@fail{pat}\@secondoftwo}}
5787           {\bidi@dbg@fail{hsh}\@secondoftwo}}
5788           {\bidi@dbg@fail{tok}\@secondoftwo}}

```



```

5789      {\bidi@dbg@fail{mac}\@secondoftwo}}
5790
5791 \long\def\bidi@ifpatchable@i#1{%
5792   \endgroup
5793   \bidi@dbg@init#1%
5794   \if@bidi@undef{#1}
5795     {\bidi@dbg@fail{def}\@secondoftwo}
5796     {\bidi@dbg@info{def}%
5797      \if@bidi@defmacro{#1}
5798        {\bidi@dbg@info{mac}%
5799         \if@bidi@defparam{#1}
5800           {\bidi@dbg@info{prm}%
5801            \bidi@ifscanable{#1}
5802              {\bidi@dbg@info{tok}%
5803               \bidi@dbg@info{pos}\@firstoftwo}
5804               {\bidi@dbg@fail{tok}\@secondoftwo}}
5805              {\bidi@dbg@info{prl}%
5806               \if@bidi@defprotected{#1}
5807                 {\bidi@dbg@info{pro}}
5808                 {}%
5809               \bidi@dbg@info{pos}\@firstoftwo}}
5810             {\bidi@dbg@fail{mac}\@secondoftwo}}}
5811
5812 \bidi@newrobustcmd*{\bidi@patchcmd}{%
5813   \bidi@dbg@trce\bidi@patchcmd
5814   \begingroup
5815   \@makeother\#%
5816   \bidi@@patchcmd}
5817
5818 \newcommand{\bidi@@patchcmd}[4][#####1]{%
5819   \bidi@ifpatchable#2{#3}
5820   {\bidi@dbg@succ{ret}%
5821    \begingroup
5822    \edef\bidi@resrvda{%
5823      \def\noexpand\bidi@resrvda####1\detokenize{macro:}####2->####3&{%
5824        #1\def\string\bidi@resrvda\space####2{\noexpand\bidi@resrvdb####3&}}%
5825      \def\noexpand\bidi@resrvdb####1\detokenize{#3}####2&{%
5826        ####1\detokenize{#4}####2}%
5827      \edef\noexpand\bidi@resrvda{%
5828        \noexpand\bidi@resrvda\meaning#2&}}%
5829    \bidi@resrvda
5830    \bidi@patchcmd@scantoks\bidi@resrvda
5831    \let#2\bidi@resrvda
5832    \bidi@undef\bidi@resrvda
5833    \@firstoftwo}
5834   {\@secondoftwo}}
5835
5836 \def\bidi@patchcmd@scantoks#1{%
5837   \edef\bidi@resrvda{\endgroup
5838     \unexpanded{\makeatletter\scantokens}{#1}%
5839     \catcode\number`\@=\the\catcode`\@ \relax}%
5840   \bidi@resrvda}
5841
5842 \newcommand\bidi@isloaded[2][]{

```



```

5843 \expandafter\ifx\csname if@bidi@#2loaded@\endcsname\relax
5844 \expandafter\newif\csname if@bidi@#2loaded@\endcsname
5845 \fi
5846 \@ifpackageloaded{#2}
5847 {\csname @bidi@#2loaded@true\endcsname #1}
5848 {\csname @bidi@#2loaded@false\endcsname}}
5849
5850 \protected\def\bidi@ifscanable#1{%
5851 \begingroup
5852 \edef\bidi@resrvda{%
5853 \def\noexpand\bidi@resrvda####1\detokenize{macro}:####2->####3&{%
5854 ####1\def\string\bidi@resrvda####2{####3}}}%
5855 \edef\noexpand\bidi@resrvda{\noexpand\bidi@resrvda\meaning#1&}}%
5856 \bidi@resrvda
5857 \makeatletter
5858 \scantokens\expandafter{\bidi@resrvda}%
5859 \expandafter\endgroup\ifx#1\bidi@resrvda
5860 \expandafter\@firstoftwo
5861 \else
5862 \expandafter\@secondoftwo
5863 \fi}
5864
5865
5866 \protected\long\def\bidi@ifhashcheck#1{%
5867 \begingroup
5868 \edef\bidi@resrvda{\detokenize{#1}}%
5869 \expandafter\endgroup
5870 \expandafter\bidi@ifhashcheck@i\meaning\bidi@resrvda&}
5871
5872 \edef\bidi@ifhashcheck@i#1{%
5873 \noexpand\expandafter
5874 \noexpand\bidi@ifhashcheck@ii
5875 \noexpand\strip@prefix#1\string#\string#&}
5876
5877 \edef\bidi@ifhashcheck@ii{%
5878 \def\noexpand\bidi@ifhashcheck@ii##1\string#\string###2&}
5879 \bidi@ifhashcheck@ii{\if@bidi@blank{#2}}
5880
5881
5882 \protected\long\def\bidi@ifpattern#1#2{%
5883 \begingroup
5884 \edef\bidi@resrvda{%
5885 \def\noexpand\bidi@resrvda####1\detokenize{#2}####2&{%
5886 \endgroup\noexpand\noexpand\noexpand\noexpand\if@bidi@blank{####2}}}%
5887 \edef\noexpand\bidi@resrvda{\noexpand\bidi@resrvda
5888 \expandafter\strip@prefix\meaning#1\detokenize{#2}&}%
5889 \noexpand\bidi@resrvda}
5890 \bidi@resrvda\@secondoftwo\@firstoftwo}
5891
5892
5893 \newcommand{\if@bidi@defparam}{}
5894 \long\edef\if@bidi@defparam#1{%
5895 \noexpand\expandafter\noexpand\bidi@ifdefparam
5896 \noexpand\meaning#1\detokenize{macro}:->&}

```



```

5897 \edef\bididefparam{%
5898   \def\noexpand\bididefparam##1\detokenize{macro}:##2->##3&}
5899 \bididefparam{\bidinotblank{#2}}
5900
5901
5902 \newcommand{\if@bidi@defprotected}{%
5903   \long\edef\if@bidi@defprotected#1{%
5904     \noexpand\expandafter\noexpand\bididefprotected
5905     \noexpand\meaning#1\string\protected&}
5906   \edef\bididefprotected{%
5907     \def\noexpand\bididefprotected##1\string\protected##2&}
5908   \bididefprotected{\bidinotblank{#2}}
5909
5910
5911 \bidinewrobustcmd{\bidiundef}[1]{\let#1\bidiundefined}
5912 \bidinewrobustcmd{\bidicsundef}[1]{%
5913   \expandafter\let\csname #1\endcsname\bidiundefined
5914 }
5915
5916 \let\bididbg@trce\@gobble
5917 \let\bididbg@init\@gobble
5918 \let\bididbg@info\@gobble
5919 \let\bididbg@succ\@gobble
5920 \let\bididbg@fail\@gobble
5921
5922
5923
5924 \bidinewrobustcmd*{\bidiapptocmd}{%
5925   \bididbg@trce\bidiapptocmd
5926   \begingroup
5927   \@makeother\#%
5928   \bidihooktocmd\bidiaappend}
5929
5930
5931
5932 \bidinewrobustcmd*{\bidipretocmd}{%
5933   \bididbg@trce\bidipretocmd
5934   \begingroup
5935   \@makeother\#%
5936   \bidihooktocmd\bidiprepend}
5937
5938 \long\def\bidihooktocmd#1#2#3{%
5939   \endgroup
5940   \bididbg@init#2%
5941   \if@bidi@undef{#2}
5942     {\bididbg@fail{def}\@secondoftwo}
5943     {\bididbg@info{def}%
5944       \if@bidi@defmacro{#2}
5945         {\bididbg@info{mac}%
5946           \if@bidi@defparam{#2}
5947             {\bididbg@info{prm}%
5948               \bidifscanable{#2}
5949               {\bidifhashcheck{#3}
5950                 {\bididbg@info{tok}%

```



```

5951         \bidi@dbg@succ{ret}%
5952         \bidi@hooktocmd@i#1#2{#3}%
5953         \@firstoftwo}
5954         {\bidi@dbg@fail{hsh}\@secondoftwo}}
5955         {\bidi@dbg@fail{tok}\@secondoftwo}}
5956     {\bidi@dbg@info{prl}%
5957      \if@bidi@defprotected{#2}
5958      {\bidi@dbg@info{pro}%
5959       \bidi@dbg@succ{red}%
5960       \protected}
5961      {\bidi@dbg@succ{red}}}%
5962     \edef#2{#1{\bidi@expandonce#2}{\unexpanded{#3}}}%
5963     \@firstoftwo}}
5964     {\bidi@dbg@fail{mac}\@secondoftwo}}}}
5965
5966 \long\def\bidi@hooktocmd@i#1#2#3{%
5967   \begingroup
5968   \edef\bidi@resrvda{%
5969     \def\noexpand\bidi@resrvda####1\detokenize{macro}:####2->####3&{%
5970       ####1\def\string\bidi@resrvda\space####2{#1{####3}{\detokenize{#3}}}}}%
5971     \edef\noexpand\bidi@resrvda{%
5972       \noexpand\bidi@resrvda\meaning#2&}}}%
5973   \bidi@resrvda
5974   \bidi@patchcmd@scantoks\bidi@resrvda
5975   \let#2\bidi@resrvda
5976   \bidi@undef\bidi@resrvda}
5977
5978 \long\def\bidi@append#1#2{#1#2}
5979 \long\def\bidi@prepend#1#2{#2#1}
5980
5981 %\bidi@newrobustcmd*{\bidi@AtEndPreamble}{\bidi@gappto\bidi@endpreamblehook}
5982 %\newcommand*{\bidi@endpreamblehook}{}
5983
5984 \bidi@newrobustcmd*{\bidi@AtEndPreamble}{\AddToHook{begindocument/before}}}%
5985
5986 \bidi@newrobustcmd*{\bidi@BeforeOutputPageShipOut}{\bidi@gappto\bidi@beforeoutputpageshipout}
5987 \newcommand*{\bidi@beforeoutputpageshipouthook}{}
5988
5989 \bidi@newrobustcmd*{\bidi@BeforeHeader}{\bidi@gappto\bidi@beforeheaderhook}
5990 \newcommand*{\bidi@beforeheaderhook}{}
5991
5992 \bidi@newrobustcmd*{\bidi@BeforeOutputBoxOutputPage}{\bidi@gappto\bidi@beforeoutputboxoutput}
5993 \newcommand*{\bidi@beforeoutputboxoutputpagehook}{}
5994
5995 \bidi@newrobustcmd*{\bidi@AfterOutputBoxOutputPage}{\bidi@gappto\bidi@afteroutputboxoutputpa}
5996 \newcommand*{\bidi@afteroutputboxoutputpagehook}{}
5997
5998 \bidi@newrobustcmd*{\bidi@BeforeFooter}{\bidi@gappto\bidi@beforefooterhook}
5999 \newcommand*{\bidi@beforefooterhook}{}
6000
6001 \bidi@newrobustcmd*{\bidi@AfterFooter}{\bidi@gappto\bidi@afterfooterhook}
6002 \newcommand*{\bidi@afterfooterhook}{}
6003
6004

```



```

6005 \bidi@newrobustcmd*{\bidi@AfterOutputPageShipOut}{\bidi@gappto\bidi@afteroutputpageshipouthook}
6006 \newcommand*{\bidi@afteroutputpageshipouthook}{}
6007
6008 \bidi@newrobustcmd*{\bidi@AtEndOutputPage}{\bidi@gappto\bidi@atendoutputpagehook}
6009 \newcommand*{\bidi@atendoutputpagehook}{}
6010
6011 %\bidi@preto\document{%
6012 % \endgroup
6013 % \let\bidi@AtEndPreamble\@firstofone
6014 % \bidi@endpreamblehook
6015 % \protected\def\bidi@AtEndPreamble{\@notprerr\@gobble}%
6016 % \bidi@undef\bidi@endpreamblehook
6017 % \begingroup}
6018
6019 \bidi@newrobustcmd*{\bidi@AfterPreamble}{\AtBeginDocument}
6020 \bidi@AtEndPreamble{\let\bidi@AfterPreamble\@firstofone}
6021
6022 %\bidi@newrobustcmd*{\bidi@AfterEndPreamble}{\bidi@gappto\bidi@afterendpreamblehook}
6023 %\newcommand*{\bidi@afterendpreamblehook}{}
6024
6025 \bidi@newrobustcmd*{\bidi@AfterEndPreamble}{\AddToHook{begindocument/end}}%
6026
6027 %\bidi@appto\document{%
6028 % \let\bidi@AfterEndPreamble\@firstofone
6029 % \bidi@afterendpreamblehook
6030 % \protected\def\bidi@AfterEndPreamble{\@notprerr\@gobble}%
6031 % \bidi@undef\bidi@afterendpreamblehook
6032 % \ignorespaces}
6033
6034 \bidi@newrobustcmd*{\bidi@AfterEndDocumentCheckLabelsRerun}{\bidi@gappto\bidi@afterendddocument}
6035 \newcommand*{\bidi@afterendddocumentchecklabelsrerunhook}{}
6036
6037 \bidi@patchcmd\enddocument
6038 {\fi}
6039 {\let\bidi@AfterEndDocumentCheckLabelsRerun\@firstofone
6040 \bidi@afterendddocumentchecklabelsrerunhook
6041 \fi}
6042 {}
6043 {\PackageWarning{biditools}{Patching '\string\enddocument' failed}}
6044
6045 \AtEndDocument{\let\bidi@AfterEndPreamble\@gobble}
6046
6047 \bidi@newrobustcmd*{\bidi@AfterLastShipout}{\bidi@gappto\bidi@afterlastshipouthook}
6048 \newcommand*{\bidi@afterlastshipouthook}{}
6049
6050 \bidi@patchcmd\enddocument
6051 {\clearpage}
6052 {\clearpage
6053 \let\bidi@AfterLastShipout\@firstofone
6054 \bidi@afterlastshipouthook}
6055 {}
6056 {\let\bidi@clearpage\clearpage
6057 \def\clearpage{%
6058 \bidi@clearpage

```



```

6059 \let\bid@AfterLastShipout\@firstofone
6060 \bid@afterlastshipouthook}}
6061
6062 %\bid@newrobustcmd*{\bid@AfterEndDocument}{\bid@gappto\bid@afterenddocumenthook}
6063 %\newcommand*{\bid@afterenddocumenthook}{%
6064
6065 \bid@newrobustcmd*{\bid@AfterEndDocument}{\AddToHook{enddocument/end}}}%
6066
6067 %\bid@patchcmd\enddocument
6068 % {\deadcycles}
6069 % {\let\bid@AfterEndDocument\@firstofone
6070 % \bid@afterenddocumenthook
6071 % \deadcycles}
6072 % {}
6073 % {\let\bid@@end\@end
6074 % \def\@end{%
6075 % \let\bid@AfterEndDocument\@firstofone
6076 % \bid@afterenddocumenthook
6077 % \bid@@end}}
6078
6079 \bid@newrobustcmd{\bid@AtBeginEnvironment}[1]{%
6080 \bid@csgappto{\bid@begin@#1@hook}}
6081
6082 % Patch \begin<space> and \end<space> in newer LaTeX releases
6083 % \begin and \end in older ones.
6084 \expandafter\bid@patchcmd\csname begin\ifcsname begin \endcsname\space\fi\endcsname
6085 {\csname #1\endcsname}
6086 {\bid@csuse{\bid@begin@#1@hook}%
6087 \csname #1\endcsname}
6088 {}
6089 {\bid@warning{%
6090 Patching '\string\begin' failed!\MessageBreak
6091 '\string\bid@AtBeginEnvironment' will not work\@gobble}}
6092
6093
6094
6095 \bid@newrobustcmd{\bid@AtEndEnvironment}[1]{%
6096 \bid@csgappto{\bid@end@#1@hook}}
6097
6098 \expandafter\bid@patchcmd\csname end\ifcsname end \endcsname\space\fi\endcsname
6099 {\csname end#1\endcsname}
6100 {\bid@csuse{\bid@end@#1@hook}%
6101 \csname end#1\endcsname}
6102 {}
6103 {\bid@warning{%
6104 Patching '\string\end' failed!\MessageBreak
6105 '\string\bid@AtEndEnvironment' will not work\@gobble}}
6106
6107
6108
6109 \bid@newrobustcmd{\bid@BeforeBeginEnvironment}[1]{%
6110 \bid@csgappto{\bid@beforebegin@#1@hook}}
6111
6112 \expandafter\bid@pretocmd\csname begin\ifcsname begin \endcsname\space\fi\endcsname

```



```

6113 {\bidi@csuse{@bidi@beforebegin@#1@hook}}
6114 {}
6115 {\bidi@warning{%
6116     Patching '\string\begin' failed!\MessageBreak
6117     '\string\bidi@BeforeBeginEnvironment' will not work\@gobble}}
6118
6119 \bidi@newrobustcmd{\bidi@AfterEndEnvironment}[1]{%
6120     \bidi@csgappto{@bidi@afterend@#1@hook}}
6121
6122 \expandafter\bidi@patchcmd\csname end\ifcsname end \endcsname\space\fi\endcsname
6123 {\if@ignore}
6124 {\bidi@csuse{@bidi@afterend@#1@hook}%
6125     \if@ignore}
6126 {}
6127 {\bidi@warning{%
6128     Patching '\string\end' failed!\MessageBreak
6129     '\string\bidi@AfterEndEnvironment' will not work\@gobble}}
6130
6131 \def\bidi@namedef#1{\expandafter\def\csname #1\endcsname}
6132 \def\bidi@namegdef#1{\expandafter\gdef\csname #1\endcsname}
6133 \def\bidi@nameedef#1{\expandafter\edef\csname #1\endcsname}
6134 \def\bidi@namexdef#1{\expandafter\xdef\csname #1\endcsname}
6135
6136 % From David Carlisle:
6137 % The \@stpelt redefinition below belongs to Heiko Oberdiek
6138 % See also https://github.com/ho-tex/oberdiek/issues/26
6139
6140 \let\bidi@stepcounter\stepcounter
6141 \let\bidi@@stpelt\@stpelt
6142
6143 \def\@stpelt#1{%
6144     \ifcsname bidi@reset@#1@perpage\endcsname
6145         \begingroup
6146             \let\stepcounter\bidi@stepcounter
6147             \@bidi@@stpelt{#1}%
6148         \endgroup
6149         \expandafter\@gobbletwo
6150     \fi
6151     \@bidi@@stpelt{#1}%
6152 }
6153
6154 \bidi@pretocmd\stepcounter
6155 {%
6156     \if@bidi@csundef\bidi@stepcounterhook@@#1}{\%
6157         \csname bidi@stepcounterhook@@#1\endcsname
6158     }%
6159 }{\}%
6160 {\PackageWarning{biditools}{Patching '\string\stepcounter' failed}}
6161
6162 \chardef\bidi@backslash`\
6163 \def\bidics#1{\texttt{\char\bidi@backslash#1}}
6164
6165 % anonymous control sequences
6166 \newcount\bidi@tempcountb

```



```

6167 \newtoks\biditemptoksa
6168 \newtoks\biditemptoksb
6169
6170 % Catcode (re)storing
6171 %
6172 \def\bidistorecatcode#1%
6173   {\escapechar\m@ne
6174    \bidicsarg\edef{\bidirestorecatcode\string#1}%
6175     {\catcode`\string#1=
6176      \the\catcode\expandafter`\string#1}%
6177    \catcode\expandafter`\string#1=12\relax
6178    \escapechar`\\relax}
6179 \def\bidirestorecatcode#1%
6180   {\escapechar\m@ne
6181    \csname bidirestorecatcode\string#1\endcsname
6182    \escapechar`\\relax}
6183
6184 % Construct a control sequence inside \edef
6185 %
6186 \def\bidicsname#1{\expandafter\noexpand\csname#1\endcsname}
6187
6188 % Construct a control sequence out of #2, and give it to #1
6189 %
6190 \def\bidicsarg#1#2{\expandafter#1\csname#2\endcsname}
6191
6192 % Pick an escapecharacter
6193 % this presumes that its argument is a character.
6194 %
6195 \def\bidipickescape#1{\ifnum`#1=\escapechar\else#1\fi}
6196
6197 % Equality of strings.
6198 % the fast approach: does not work in expansion-only environment.
6199 %
6200 \def\bidiequalstring#1#2{00\fi\def\bidieqs@a{#1}\def\bidieqs@b{#2}%
6201   \ifx\bidieqs@a\bidieqs@b}
6202
6203 % Test by expansion only
6204 %
6205 \def\bidiequalstringx#1#2{00\fi
6206   \csname if\bidiequalstringx#1&#2&\endcsname}
6207 \def\bidiequalstringx#1#2$#3$4$ {\ifx#1#3%
6208   \ifx#1&true\else\bidihop@ES\bidiequalstringx#2$#4$\fi
6209   \else false\fi}
6210 \def\bidihop@ES#1\fi#2\fi{\fi\fi#1}
6211
6212 % Lexicographic ordering
6213 % note the use of \def
6214 % also note the characters 0,127,255 that are used,
6215 % these are not supposed to appear in the strings
6216 %
6217 {\catcode0=12 \catcode255=12 \catcode127=12
6218 \gdef\bidistringbeforenc#1#2{00\fi
6219   \bidicharsbefore#1^^@^^?#2^^ff^^?}
6220 \gdef\bidicharsbeforenc#1#2^^?#3#4^^?{%

```



```

6221 \ifcat#1\relax\def\bidi@next{\bidi@CharsBefore#2^^@^^?#3#4^^ff^^?}%
6222 \else\ifcat#3\relax\def\bidi@next{\bidi@CharsBefore#1#2^^@^^?#4^^ff^^?}%
6223 \else\ifnum\lccode`#1<\lccode`#3
6224 \def\bidi@next{\csname iftrue\endcsname}%
6225 \else\ifnum\lccode`#1>\lccode`#3
6226 \def\bidi@next{\csname iffalse\endcsname}%
6227 \else\def\bidi@next{\bidi@CharsBefore#2^^?#4^^?}%
6228 \fi \fi \fi \fi
6229 \bidi@next}
6230 \gdef\bidi@StringBefore#1#2{00\fi
6231 \bidi@CharsBefore#1^^@^^?#2^^ff^^?}
6232 \gdef\bidi@CharsBefore#1#2^^?#3#4^^?{%
6233 \ifnum`#1<`#3
6234 \def\bidi@next{\csname iftrue\endcsname}%
6235 \else\ifnum`#1>`#3
6236 \def\bidi@next{\csname iffalse\endcsname}%
6237 \else\def\bidi@next{\bidi@CharsBefore#2^^?#4^^?}%
6238 \fi\fi
6239 \bidi@next}
6240 }
6241
6242 % Null argument test
6243 %
6244 \def\bidi@empty{}
6245 \def\bidi@ifempty#1{00\fi\expandafter\ifx\csname bidi@#1null\endcsname\bidi@null}
6246 \def\bidi@ifemptyX#1{\expandafter\ifx\csname bidi@#1null\endcsname\bidi@null}
6247 %\def\bidi@ifempty#1{\def\bidi@cs@a{#1}\ifx\bidi@cs@a\bidi@empty}
6248 \def\bidi@IsEmptyList#1{00\fi\def\bidi@cs@a{#1}\ifx\cs@a\bidi@empty}
6249
6250 % Next character test
6251 %
6252 \def\bidi@NextChar#1#2#3{00\fi
6253 \let\bidi@nxt@ch#1\def\bidi@nxt@a{#2}\def\bidi@nxt@b{#3}%
6254 \futurelet\bidi@nxt@c\@bidi@ifnxtc}
6255 \def\bidi@ifNextChar#1#2#3{%
6256 \let\bidi@nxt@ch#1\def\bidi@nxt@a{#2}\def\bidi@nxt@b{#3}%
6257 \futurelet\bidi@nxt@c\@bidi@ifnxtc}
6258 \def\bidi@ifnxtc{\ifx\bidi@nxt@ch\bidi@nxt@c \expandafter\bidi@nxt@a
6259 \else \expandafter\bidi@nxt@b \fi}
6260
6261 % Test for defined-ness of string as control sequence.
6262 % works inside \edef
6263 %
6264 \def\bidi@undefinedcs#1{00\fi\bidi@csarg\ifx{#1}\relax}
6265
6266 % Define uniquely defined dummy macros,
6267 % usually to serve as bumper blocks at the end of a list
6268 %
6269 \newcount\bidi@dummies
6270 \def\DefNewDummy#1{
6271 \if\bidi@undefinedcs{#1}\bidi@csarg\edef{#1}{bidi@dum\the\bidi@dummies}
6272 \advance\bidi@dummies\@ne
6273 \else
6274 \bidi@error{Attempt at second definition of `#1'}

```



```

6275     \fi}
6276
6277 % string case statement
6278 % use: \bidi@switch \iftest{...} in:
6279 %     item1 action1
6280 %     ...
6281 %     itemn actionn
6282 %     default defaultaction [optional]
6283 %     \endbidi@switch
6284 % inspired by Jonathan Fine: Some Basic Control Macros
6285 % Tugboat 12 #4
6286 %
6287 \let\bidi@fi\fi \let\endbidi@switch\relax \DefNewDummy\bidi@default}
6288 \def\bidi@switch@exit #1 \@bidi@fi #2 \endbidi@switch {\fi #1}
6289 \def\bidi@switch #1#2#3{\bidi@csarg\ifx{#2}\bidi@default\bidi@switch@exit #3 \@bidi@fi
6290 #1{#2}\bidi@switch@exit #3 \@bidi@fi
6291 \bidi@switch {#1}
6292 }
6293 % this version puts the test object in {}
6294 \def\bidi@oswitch #1 in: #2 #3; {\bidi@csarg\ifx{#2}\bidi@default\bidi@switch@exit #3 \@bidi@fi
6295 #1{#2}\bidi@switch@exit #3 \@bidi@fi
6296 \bidi@switch #1 in:
6297 }
6298 % this version assumes that the test object is just one character
6299 \def\bidi@cswitch #1 in: #2 #3; {\bidi@csarg\ifx{#2}\bidi@default\bidi@switch@exit #3 \@bidi@fi
6300 #1#2\bidi@switch@exit #3 \@bidi@fi
6301 \bidi@cswitch #1 in:
6302 }
6303 % this version assumes that the test object can have an optional space
6304 \def\bidi@bswitch #1 in: #2 #3; {\bidi@csarg\ifx{#2}\bidi@default\bidi@switch@exit #3 \@bidi@fi
6305 #1#2 \bidi@switch@exit #3 \@bidi@fi
6306 \bidi@bswitch #1 in:
6307 }
6308 % this version can cope with significant spaces at the start of #3;
6309 % #2 is macro argument
6310 \def\bidi@mswitch #1 in: #2:#3; {\bidi@csarg\ifx{#2}\bidi@default\bidi@switch@exit #3 \@bidi@fi
6311 #1{#2}\bidi@switch@exit #3 \@bidi@fi
6312 \bidi@mswitch #1 in:
6313 }
6314 % idem; #2 does not have to be enclosed in braces
6315 \def\bidi@fswitch #1 in: #2:#3; {\bidi@csarg\ifx{#2}\bidi@default\bidi@switch@exit #3 \@bidi@fi
6316 #1#2 \bidi@switch@exit #3 \@bidi@fi
6317 \bidi@fswitch #1 in:
6318 }
6319
6320 % Routines for taking the value of a string:
6321 % if the string is defined as control sequence
6322 % take the value of that, otherwise take the string itself
6323
6324 % String or value of control sequence
6325 %
6326 \def\bidi@w@w#1{\if\bidi@undefinedcs{#1}#1\else \the\csname#1\endcsname\fi}
6327
6328 % String or control sequence

```



```

6329 %
6330 \def\@bidi@ww#1{\if\@bidi@undefinedcs{#1}#1\else \csname#1\endcsname \fi}
6331
6332 % String or \noexpand-ed control sequence;
6333 % for use in \edef
6334 %
6335 \newif\ifbidi@in@label
6336 \def\@bidi@w@w#1{\if\@bidi@undefinedcs{#1}#1\else
6337     \ifbidi@in@label\noexpand\protect\fi \bidi@csname{#1}\fi}
6338 \newtoks\bidi@are@these@correct
6339 \def\bidi@t@w@w#1{%
6340     \if\@bidi@undefinedcs{#1}#1%
6341     \ifdefining\bidi@append@to@list\bidi@are@these@correct{#1 }\fi
6342     \else
6343     \ifin@label\noexpand\protect\fi \bidi@csname{#1}\fi}
6344
6345 % List Manipulation .....
6346 % this assumes that #1 is a list of tokens, #2 is the name of a list
6347 %
6348 % Names of lists (and of items to pop into) are given as strings;
6349 % not as control sequences.
6350 %
6351 \newtoks\bidi@toks@lista \newtoks\bidi@toks@listb
6352 % basic append/prepend macro
6353 \long\def\@bidi@append@to@csl#1#2#3{\begingroup\bidi@toks@lista=#2{#3}%
6354     \global#1=\expandafter\expandafter\expandafter{\expandafter#1\the\bidi@toks@lista}
6355 \long\def\@bidi@prepend@to@csl#1#2#3{\begingroup\bidi@toks@lista=#2{#3}%
6356     \global#1=\expandafter\expandafter\expandafter{\expandafter#1\the\bidi@toks@lista}
6357 \def\@bidi@append@to@list{\bidi@csarg\@bidi@append@to@csl}
6358 \def\@bidi@prepend@to@list{\bidi@csarg\@bidi@prepend@to@csl}
6359 % variations:
6360 \long\def\bidi@append@to@list#1#2{\@bidi@append@to@list{#1}{#2}}
6361 \long\def\bidi@prepend@to@list#1#2{\@bidi@prepend@to@list{#1}{#2}}
6362 \def\bidi@append@list@to@list#1#2{%
6363     \@bidi@append@to@list{#1}{\expandafter\expandafter\expandafter{\expandafter#1\the\csname#2\endcsname}}
6364 \def\bidi@prepend@list@to@list#1#2{%
6365     \@bidi@prepend@to@list{#1}{\expandafter\expandafter\expandafter{\expandafter#1\the\csname#2\endcsname}}
6366 \def\bidi@append@csl@to@csl#1#2{%
6367     \@bidi@append@to@csl{#1}\expandafter{\the#2}}
6368 \def\bidi@prepend@csl@to@csl#1#2{%
6369     \@bidi@prepend@to@csl{#1}\expandafter{\the#2}}
6370 \def\bidi@append@toks@cs@to@list#1#2{\@bidi@append@to@list{#1}\expandafter{\the#2}}
6371 \def\bidi@prepend@toks@cs@to@list#1#2{\@bidi@prepend@to@list{#1}\expandafter{\the#2}}
6372
6373 \let\bidi@willbeunhskip\unhskip
6374
6375 % A few list macros for the user
6376 \def\NewTokenList:#1 {\bidi@csarg\newtoks{#1}\global\csname#1\endcsname{}}
6377 \def\EmptyTokenList:#1 {\global\csname#1\endcsname{}}
6378 \long\def\AppendToTokenList:#1=#2 {\@bidi@append@to@list{#1}{#2}}
6379 \long\def\PrependToTokenList:#1=#2 {\@bidi@prepend@to@list{#1}{#2}}
6380 \def\TheTokenList:#1 {\let\bidi@oldwbuskip\bidi@willbeunhskip \let\bidi@willbeunhskip\empty
6381     \if\@bidi@undefinedcs{#1}\bidi@error{Token List <#1> undefined}
6382     \else\bidi@csarg\the{#1}\fi

```



```

6383 \let\bid@willbeunhskip\bid@oldwbuskip}
6384
6385 \def\bid@del@tok@from@list#1#2{\begingroup
6386 \long\def\bid@cs@liste##1#2##2\bid@tok@SM
6387 {\bid@toks@lista{##1}\bid@toks@listb{##2}%
6388 \edef\bid@cs@listb{\global\bid@csname{#1}=
6389 {\the\bid@toks@lista\the\bid@toks@listb}}%
6390 \bid@cs@listb}%
6391 \edef\bid@cs@lista{\noexpand\bid@cs@liste}\expandafter\the\csname#1\endcsname\noexpand
6392 \bid@cs@lista \endgroup}
6393 \def\bid@in@front@of@list#1{\bid@csarg{\let\expandafter\bid@cs@lista}{#1}%
6394 \bid@in@front@of@cslist\bid@cs@lista}
6395 \long\def\bid@in@front@of@cslist#1#2{\begingroup\bid@toks@lista={#2}%
6396 \global#1=\expandafter\expandafter\expandafter{\expandafter\the\expandafter\bid@toks@list
6397 \endgroup}
6398 \long\def\bid@local@in@front@of@list#1#2{\bid@toks@lista={#2}%
6399 \csname#1\endcsname\expandafter\expandafter\expandafter\expandafter\expandafter\expandafter
6400 {\expandafter\expandafter\expandafter\the\expandafter\expandafter\expandafter
6401 \expandafter\the\csname#1\endcsname}%
6402 }
6403 \def\bid@set@list#1{\bid@csarg{\let\expandafter\bid@cs@lista}{#1}%
6404 \bid@set@cslist\bid@cs@lista}
6405 \long\def\bid@set@cslist#1#2{\begingroup\bid@toks@lista={#2}%
6406 \global#1=\expandafter{\the\bid@toks@lista}\endgroup}
6407
6408 %%%%%%%%%%%%%%% Stack macros
6409 %
6410 % push in terms of prepending of lists
6411 \def\bid@push@cs@onto@cs#1#2{\@bid@prepend@to@cslist#1\expandafter{\expandafter\\expandafter
6412 \def\bid@push@onto#1{\bid@csarg\bid@push@onto@cs{#1}}
6413 \def\bid@push@onto@cs#1#2{\@bid@prepend@to@cslist#1}{\{#2}}
6414 \def\bid@local@push@onto#1#2{\let\\=\relax
6415 \bid@local@in@front@of@list{#1}{\{#2}}
6416 % pop via auxiliary macro: #1 is result, #2 is stack
6417 % two cs arguments
6418 \def\bid@pop@cs@into#1#2{\edef\bid@cs@e
6419 {\noexpand\@bid@popinto\noexpand#1\noexpand#2\the#2\noexpand\@bid@pop}\bid@cs@e}
6420 % two string arguments
6421 \def\bid@pop@into#1#2{\edef\bid@cs@e
6422 {\noexpand\@bid@popinto\bid@csname{#1}\bid@csname{#2}\bid@csarg\the{#2}\noexpand\@bid@
6423 \long\def\@bid@popinto#1#2\\#3#4\@bid@pop{#1}{#3}{#2}{#4}}
6424 \def\bid@copy@stacktop#1#2{%
6425 \edef\bid@cs@e{\noexpand\@bid@copy@stacktop
6426 {#1}\bid@csarg\the{#2}\noexpand\@bid@pop}%
6427 \bid@cs@e}
6428 \def\@bid@copy@stacktop#1\\#2#3\@bid@pop{\csname#1\endcsname#2\relax}
6429 \newcount\bid@stack@length \newtoks\bid@empty@stack \bid@empty@stack{\{\}}
6430 \def\bid@length@of@stack#1{\bid@csarg\bid@length@of@csstack{#1}}
6431 \def\bid@length@of@csstack#1{\def\\##1{\advance\bid@stack@length\@ne}%
6432 \bid@stack@length\m@ne \the#1}
6433 % turn a stack upside down
6434 \def\bid@invert@csstack#1{\bid@length@of@csstack{#1}%
6435 \bid@tempcountb\z@ \bid@temptoksa\bid@empty@stack
6436 \loop\ifnum\bid@tempcountb<\bid@stack@length

```



```

6437 \bidi@pop@cs@into\bidi@temptoksb#1\advance\bidi@stack@length@m@ne
6438 \bidi@push@cs@onto@cs\bidi@temptoksa\bidi@temptoksb
6439 % \bidi@append@cslist@to@cslist\bidi@temptoksb\bidi@temptoksa% append a to b
6440 % \bidi@temptoksa\bidi@temptoksb
6441 \repeat% copy b to a
6442 #1\bidi@temptoksa \bidi@temptoksa\bidi@empty@toks}
6443 % invert a stack into a list
6444 \def\bidi@x@stack@to@list#1{\bidi@length@of@stack{#1}%
6445 \bidi@tempcountb\z@ \bidi@temptoksa\bidi@empty@toks
6446 \loop\ifnum\bidi@tempcountb<\bidi@stack@length
6447 \bidi@pop@into{\bidi@temptoksb}{#1}\advance\bidi@stack@length@m@ne
6448 \bidi@append@list@to@list{\bidi@temptoksb}{\bidi@temptoksa}\repeat
6449 \csname#1\endcsname\bidi@temptoksa \bidi@temptoksa\bidi@empty@toks}
6450
6451
6452 % General loop macro:
6453 % \looprepeat
6454 % \forvariable{<var>} \fromvalue{<start>} \bystep{<step>} \tovalue{<end>} \downtovalue{<end>}
6455 % \untilcondition{<cond>} \whilecondition{<cond>}
6456 % \doloopbody { <loop body> }
6457 % where all control sequences in between \looprepeat and \doloopbody are optional.
6458 %
6459 % var: characters to form a control sequence;
6460 % after \forvariable{index} you can access the loop counter as \index.
6461 % This is a count register; to print it use \number\index.
6462 % start,step,end: integers with obvious relations to the loop counter;
6463 % start and step have a default value of 1
6464 % cond: (sequence of commands ending in) any TeX \if... test.
6465 %
6466 % Count down instead of up with \downtovalue; the increment given in \bystep
6467 % is always positive, and is added or subtracted accordingly.
6468 %
6469 % Tests: \untilcondition is evaluated at the end of the loop body; \whilecondition
6470 % at the beginning of the loop body.
6471 %
6472 % Exit from middle of loop: \breaklooprepeat
6473 % use this at any place in the loop; in case of a conditional use
6474 % \ifsomething ... \expandafter \breaklooprepeat \fi
6475 %
6476 % Note that the line ends do not cause spaces in the output.
6477 %
6478 % Technical details:
6479 % The loop body is not executed in a group: the braces are those
6480 % of a token list.
6481 % The 'forvariable' variable is \let to a \count register.
6482
6483
6484
6485 % Auxiliary stuff
6486 \def\bidi@looprepeat@csarg#1#2{\expandafter#1\csname#2\endcsname}
6487 \def\bidi@looprepeat@csromannumeral#1{\csname #1\romannumeral\bidi@looprepeat@depth\endcsname}
6488 \def\bidi@looprepeat@csargromannumeral#1#2{\expandafter#1\csname#2\romannumeral\bidi@looprepeat@depth\endcsname}
6489
6490 \newcount\bidi@looprepeat@depth

```



```

6491 \let\endlooprepeat\relax \def\bidi@csprotect{}
6492 % Trace switches may later be defined by PAC_utils
6493 \let\bidi@looprepeat@traceinit\relax \let\bidi@looprepeat@traceexit\relax
6494
6495 % Main repeatloop macro
6496 % - go to next level and allocate unique counter/toks if this is the
6497 %   first time we visit this level
6498 % - setup: gather bounds and termination conditions
6499 % - scoop up body in token list; after the assignment define and
6500 %   execute body
6501 \def\looprepeat#1\doloopbody{\bidi@looprepeat@traceinit % exit in \breakrepeatloop
6502   \advance\bidi@looprepeat@depth\@ne\relax
6503   \bidi@looprepeat@csargromannumeral\ifx\bidi@looprepeat@count\relax
6504     \bidi@looprepeat@csargromannumeral{\csname newcount\expandafter\endcsname}{\bidi@looprepeat@count}%
6505     \bidi@looprepeat@csargromannumeral{\csname newtoks\expandafter\endcsname}{\bidi@looprepeat@count}%
6506     \bidi@looprepeat@csargromannumeral{\csname newtoks\expandafter\endcsname}{\bidi@looprepeat@count}%
6507     \bidi@looprepeat@csargromannumeral{\csname newtoks\expandafter\endcsname}{\bidi@looprepeat@count}%
6508   \fi \bidi@looprepeat@zero \def\bidi@looprepeat@sign{}\def\bidi@looprepeat@comp{>}\bidi@looprepeat@comp{>}
6509   \edef\bidi@looprepeat@tmp
6510     {\def\bidi@looprepeat@csargromannumeral\noexpand\bidi@looprepeat@looprepeat}{\bidi@looprepeat@body}%
6511   \afterassignment\bidi@looprepeat@dxbody\bidi@looprepeat@csromannumeral{\bidi@looprepeat@count}%
6512
6513 % Define and execute loop body
6514 % This is done with an \edef to construct the actual sequence
6515 \def\bidi@looprepeat@dxbody{\bidi@looprepeat@csargromannumeral\edef\bidi@looprepeat@body{\%
6516   \bidi@looprepeat@csargromannumeral\the\bidi@looprepeat@wtest}%
6517   \noexpand\the\bidi@looprepeat@csargromannumeral\noexpand\bidi@looprepeat@toks}%
6518   \bidi@looprepeat@csargromannumeral\the\bidi@looprepeat@utest}%
6519   \global\bidi@looprepeat@csargromannumeral\advance\bidi@looprepeat@count by \bidi@looprepeat@count}%
6520   \noexpand\endlooprepeat
6521   \bidi@looprepeat@csargromannumeral\noexpand\bidi@looprepeat@looprepeat}}%
6522 \bidi@looprepeat@csromannumeral{\bidi@looprepeat@body}\ignorespaces}
6523
6524 % Stop test
6525 %% In order to stop, issue a
6526 % \breaklooprepeat which scoops up the rest of the body and exits
6527 \def\breaklooprepeat#1\endlooprepeat{\bidi@looprepeat@zero\bidi@looprepeat@csargromannumeral
6528   \advance\bidi@looprepeat@depth\@ne \bidi@looprepeat@traceexit
6529 }
6530
6531
6532 % Setup
6533 % gather bounds and termination conditions
6534 \def\bidi@looprepeat@setup#1{%
6535   \begingroup
6536     \def\forvariable##1{%
6537       \edef\bidi@looprepeat@tmp{%
6538         \global\let\bidi@looprepeat@csarg\noexpand{##1}\bidi@looprepeat@csromannumeral{\bidi@looprepeat@count}%
6539         \bidi@looprepeat@tmp}%
6540       \def\fromvalue##1{\bidi@looprepeat@csargromannumeral\global{\bidi@looprepeat@count}##1\ignorespaces}%
6541       \def\tovalue##1{%
6542         \edef\bidi@looprepeat@tmp{\global\bidi@looprepeat@csargromannumeral\noexpand\bidi@looprepeat@body}%
6543         {\bidi@looprepeat@csargromannumeral\the\bidi@looprepeat@wtest}%
6544         \noexpand\ifnum\bidi@looprepeat@csargromannumeral\noexpand\bidi@looprepeat@count}\bidi@looprepeat@tmp}%

```



```

6545         \noexpand\expandafter \noexpand\breaklooprepeat
6546         \noexpand\fi}\ignorespaces}%
6547         \bidi@looprepeat@tmp}%
6548     \def\downtovalue##1{%
6549         \gdef\bidi@looprepeat@sign{-}\gdef\bidi@looprepeat@comp{<}\tovalue{##1}\ignorespaces}%
6550     \def\bystep##1{\ifnum##1<0 \bidi@error{LOOPREPEAT: increment has to be a positive value}%
6551         \bidi@looprepeat@csargromannumeral\gdef{\bidi@looprepeat@inc}{-##1}\else
6552         \bidi@looprepeat@csargromannumeral\gdef{\bidi@looprepeat@inc}{##1}\fi\ignorespaces}%
6553     \def\untilcondition##1{%
6554         \edef\bidi@looprepeat@tmp{\global\bidi@looprepeat@csargromannumeral\noexpand{\bidi@looprepeat@comp}%
6555             {noexpand##1\relax
6556             \noexpand\expandafter \noexpand\breaklooprepeat \noexpand\fi}\ignorespaces}%
6557         \bidi@looprepeat@tmp}%
6558     \def\whilecondition##1{%
6559         \edef\bidi@looprepeat@tmp{\global\bidi@looprepeat@csargromannumeral\noexpand{\bidi@looprepeat@comp}%
6560             {noexpand##1\relax \noexpand\else
6561             \noexpand\expandafter \noexpand\breaklooprepeat \noexpand\fi}\ignorespaces}%
6562         \bidi@looprepeat@tmp}%
6563     \fromvalue{\@ne}\bystep{\@ne}#1%
6564 \endgroup}
6565 \def\bidi@looprepeat@zero
6566 {\bidi@looprepeat@csromannumeral{\bidi@looprepeat@toks}{}\bidi@looprepeat@csromannumeral{\bidi@looprepeat@body}}
6567 \bidi@looprepeat@csargromannumeral\def{\bidi@looprepeat@body}{}}
6568
6569 %\tracingmacros2
6570 %\newcount\tmpcount % used in some examples below
6571
6572 %\looprepeat \forvariable{i}
6573 %    \bystep{2}
6574 %    \doloopbody {%
6575 %        \ifnum i=13 \expandafter\breaklooprepeat \fi
6576 %        \number{i} } %
6577 %}%
6578
6579 %\looprepeat \forvariable{iii}
6580 %    \tovalue{8}
6581 %    \doloopbody {}
6582 %After loop: \number{iii}%
6583
6584 %\looprepeat \forvariable{i}
6585 %    \fromvalue{10}
6586 %    \bystep{2}
6587 %    \downtovalue{0}
6588 %    \doloopbody {\number{i} }
6589
6590 %\looprepeat \forvariable{x} \whilecondition{\ifnum x<7}
6591 %    \doloopbody {\number{x} }
6592
6593 %\looprepeat \tovalue{3} \doloopbody {Hello world! }
6594
6595 %\looprepeat \forvariable{j}
6596 %    \untilcondition{\tmpcount>j \divide\tmpcount by 37 \noexpand\ifnum\tmpcount=1}
6597 %    \doloopbody {\number{j} }
6598

```



```

6599 %\looprepeat \forvariable{i} \bystep{2} \tovalue{10} \doloopbody
6600 % {\looprepeat \forvariable{j} \fromvalue{i} \bystep{3} \tovalue{18}
6601 % \doloopbody {(\number{i}.\number{j}) }
6602 % }
6603
6604 % infinite loop
6605 %\looprepeat \doloopbody {}
6606
6607 \renewcommand{\InputIfFileExists}[2]{%
6608 \begin{group}\expandafter\expandafter\expandafter\endgroup
6609 \expandafter\ifx\csname #1-@bidi@alias\endcsname\relax
6610 \expandafter\@secondoftwo
6611 \else
6612 \bidi@replacefile@msg{\csname #1-@bidi@alias\endcsname}{#1}%
6613 \expandafter\@firstoftwo
6614 \fi
6615 {%
6616 \expandafter\InputIfFileExists\expandafter{\csname
6617 #1-@bidi@alias\endcsname}{#2}%
6618 }%
6619 {\IfFileExists{#1}{%
6620 \bidi@load@hook{before}{#1}%
6621 #2\@addtofilelist{#1}%
6622 \@input \@file@und
6623 \bidi@load@hook{after}{#1}%
6624 }}%
6625 }
6626
6627 \newcommand*{\bidi@loadwithoptions}{%
6628 \newcommand*{\bidi@loadwithoptions}{%
6629 \let\bidi@loadwithoptions\@loadwithoptions
6630
6631 \renewcommand*{\@loadwithoptions}[3]{%
6632 \begin{group}\expandafter\expandafter\expandafter\endgroup
6633 \expandafter\ifx\csname #3.#1-@bidi@aliasname\endcsname\relax
6634 \def\bidi@loadwithoptions{\bidi@loadwithoptions{#1}{#2}{#3}}%
6635 \else
6636 \bidi@replacefile@msg{\csname #3.#1-@bidi@aliasname\endcsname.#1}{#3.#1}%
6637 \def\bidi@loadwithoptions{%
6638 \@loadwithoptions{#1}{#2}{\csname #3.#1-@bidi@aliasname\endcsname}%
6639 }%
6640 \fi
6641 \bidi@loadwithoptions
6642 }
6643
6644 \newcommand*{\bidi@onefilewithoptions}{%
6645 \let\bidi@onefilewithoptions\@onefilewithoptions
6646 \def\@onefilewithoptions#1[#2][#3]#4{%
6647 \begin{group}\expandafter\expandafter\expandafter\endgroup
6648 \expandafter\ifx\csname #1.#4-@bidi@aliasname\endcsname\relax
6649 \def\bidi@onefilewithoptions{\bidi@onefilewithoptions{#1}}%
6650 \else
6651 \bidi@replacefile@msg{\csname #1.#4-@bidi@aliasname\endcsname.#4}{#1.#4}%
6652 \edef\bidi@onefilewithoptions{%

```



```

6653 \noexpand\@onefilewithoptions{\csname #1.#4-@bidi@aliasname\endcsname}}%
6654 \fi
6655 \bidi@onefilewithoptions[{\#2}][{\#3}]{\#4}%
6656 \bidi@load@hook{lateafter}{\#1.#4}%
6657 }
6658
6659 \newcommand*{\bidi@ReplaceInput}[2]{%
6660 \expandafter\edef\csname #1-@bidi@alias\endcsname{\#2}%
6661 }
6662
6663 \newcommand*{\bidi@UnReplaceInput}[1]{%
6664 \ifcsname #1-@bidi@alias\endcsname
6665 \expandafter\let\csname #1-@bidi@alias\endcsname\relax
6666 \fi
6667 }
6668
6669 \newcommand*{\@bidi@replacefilewithtext}[3]{%
6670 \expandafter\edef\csname #1.#3-@bidi@aliasname\endcsname{\#2}%
6671 }
6672 \newcommand*{\bidi@ReplacePackage}[2]{%
6673 \@bidi@replacefilewithtext{\#1}{\#2}\@pkgextension
6674 }
6675 \newcommand*{\bidi@ReplaceClass}[2]{%
6676 \@bidi@replacefilewithtext{\#1}{\#2}\@clsextension
6677 }
6678 \newcommand*{\@bidi@unreplacefilewithtext}[2]{%
6679 \ifcsname #1.#2-@bidi@aliasname\endcsname
6680 \expandafter\let\csname #1.#2-@bidi@aliasname\endcsname\relax
6681 \fi
6682 }
6683 \newcommand*{\bidi@UnReplacePackage}[1]{%
6684 \@bidi@unreplacefilewithtext{\#1}\@pkgextension
6685 }
6686 \newcommand*{\bidi@UnReplaceClass}[1]{%
6687 \@bidi@unreplacefilewithtext{\#1}\@clsextension
6688 }
6689 \newcommand*{\bidi@replacefile@msg}[2]{%
6690 \PackageInfo{biditools}{inputing `#1' instead of `#2'}%
6691 }
6692
6693 \newcommand*{\bidi@load@hook}[2]{%
6694 \@ifundefined{\#2-@#1}{\}%
6695 \@nameuse{\#2-@#1}%
6696 \expandafter\let\csname #2-@#1\endcsname=\relax}}
6697 \newcommand*{\bidi@set@load@hook}[2]{%
6698 \@ifundefined{\#2-@#1}{\@namedef{\#2-@#1}{}}{\}%
6699 \expandafter\g@addto@macro\csname #2-@#1\endcsname}
6700 \newcommand*{\bidi@BeforeFile}{\bidi@set@load@hook{before}}
6701 \newcommand*{\bidi@AfterFile}{\bidi@set@load@hook{after}}
6702 \newcommand*{\bidi@BeforeClass}[1]{%
6703 \bidi@set@load@hook{before}{\#1.\@clsextension}}
6704 \newcommand*{\bidi@AfterClass}{%
6705 \@ifstar {\@s@bidi@AfterClass}{%
6706 \@ifnextchar +\@bidi@AfterClass{%

```



```

6707     \ifnextchar !\@@@bidi@AfterClass\@bidi@AfterClass
6708   }%
6709 }%
6710 }
6711
6712 \newcommand*{\@@@bidi@AfterClass}[2]{%
6713   \begingroup\ifx\csname #2.\@clsextension-h@@k\endcsname\relax
6714     \aftergroup\@s@bidi@AfterClass
6715   \else
6716     \aftergroup\bidi@AfterAtEndOfClass
6717   \fi
6718   \endgroup{#2}%
6719 }
6720
6721 \newcommand*{\bidi@AfterAtEndOfClass}[1]{%
6722   \bidi@set@load@hook{lateafter}{#1.\@clsextension}}
6723 \newcommand*{\@@@bidi@AfterClass}[2]{%
6724   \begingroup
6725     \expandafter\ifx\csname #2.\@clsextension-h@@k\endcsname\relax
6726       \aftergroup\@s@bidi@AfterClass
6727     \else
6728       \aftergroup\@bidi@AfterClass
6729     \fi
6730   \endgroup{#2}%
6731 }
6732
6733 \newcommand*{\@bidi@AfterClass}[1]{%
6734   \bidi@set@load@hook{after}{#1.\@clsextension}}
6735 \newcommand*{\@s@bidi@AfterClass}[1]{%
6736   \begingroup
6737     \ifclassloaded{#1}{%
6738       \aftergroup\@secondoftwo
6739     }{%
6740       \aftergroup\@bidi@AfterClass
6741     }%
6742   \endgroup
6743   {#1}%
6744 }
6745
6746
6747 \newcommand*{\bidi@BeforePackage}[1]{%
6748   \bidi@set@load@hook{before}{#1.\@pkgextension}}
6749 \newcommand*{\bidi@AfterPackage}{%
6750   \ifstar {\@s@bidi@AfterPackage}{%
6751     \ifnextchar +\@@@bidi@AfterPackage{%
6752       \ifnextchar !\@@@bidi@AfterPackage\@bidi@AfterPackage
6753     }%
6754   }%
6755 }
6756 \newcommand*{\@@@bidi@AfterPackage}[2]{%
6757   \begingroup\ifx\csname #2.\@pkgextension-h@@k\endcsname\relax
6758     \aftergroup\@s@bidi@AfterPackage
6759   \else
6760     \aftergroup\bidi@AfterAtEndOfClass

```



```

6761 \fi
6762 \endgroup{#2}%
6763 }
6764 \newcommand*{\bidi@AfterAtEndOfPackage}[1]{%
6765 \bidi@set@load@hook{lateafter}{#1.\@pkgextension}}
6766 \newcommand*{\@bidi@AfterPackage}[2]{%
6767 \begingroup
6768 \expandafter\ifx\csname #2.\@pkgextension-h@k\endcsname\relax
6769 \aftergroup\@s@bidi@AfterPackage
6770 \else
6771 \aftergroup\@bidi@AfterPackage
6772 \fi
6773 \endgroup{#2}%
6774 }
6775 \newcommand*{\@bidi@AfterPackage}[1]{%
6776 \bidi@set@load@hook{after}{#1.\@pkgextension}}
6777 \newcommand*{\@s@bidi@AfterPackage}[1]{%
6778 \begingroup
6779 \@ifpackageloaded{#1}{%
6780 \aftergroup\@secondoftwo
6781 }{%
6782 \aftergroup\@bidi@AfterPackage
6783 }%
6784 \endgroup
6785 {#1}%
6786 }
6787
6788 \newcommand*{\bidi@excludedpackages}{}
6789 \let\bidi@excludedpackages\@empty
6790 \newcommand*{\bidi@saved@RequirePackage}{}
6791 \newcommand*{\bidi@PreventPackageFromLoading}{}
6792 \@ifstar{\@bidi@PreventPackageFromLoading\PackageInfo}%
6793 {\@bidi@PreventPackageFromLoading\PackageWarning}%
6794 }
6795 \newcommand*{\@bidi@PreventPackageFromLoading}[1]{%
6796 \@ifnextchar [%]
6797 {\@bidi@PreventPackageFromLoading#1}{\@bidi@PreventPackageFromLoading#1[]}%
6798 }
6799 \newcommand*{\@bidi@PreventPackageFromLoading}{}
6800
6801 \def\@bidi@PreventPackageFromLoading#1[#2]#3{%
6802 \edef\reserved@b{\zap@space#3 \@empty}%
6803 \ifx \reserved@b\@empty
6804 #1{biditools}{%
6805 \string\bidi@PreventPackageFromLoading\space with empty packages\MessageBreak
6806 argument ignored%
6807 }%
6808 \else
6809 \ifx\bidi@excludedpackages\@empty
6810 \let\bidi@saved@RequirePackage\RequirePackage
6811 \let\RequirePackage\bidi@RequirePackage
6812 \def\reserved@a##1##{%
6813 \@latex@error
6814 {\noexpand \usepackage before \string\documentclass}%

```



```

6815     {\noexpand \usepackage may only appear in the document
6816      preamble, i.e.,\MessageBreak
6817      between \noexpand\documentclass and
6818      \string\begin{document}.}%
6819     \@gobble}%
6820 \ifx\reserved@a\usepackage\else
6821   \ifx\usepackage\bidisaved@RequirePackage\else
6822     \PackageWarning{biditools}{%
6823       Maybe serious problem: unexpected definition of\MessageBreak
6824       \string\usepackage
6825     }%
6826   \fi
6827   \let\usepackage\RequirePackage
6828 \fi
6829 \fi
6830 \expandafter\@for \expandafter\reserved@a\expandafter:\expandafter=%
6831 \reserved@b\do {%
6832   \ifx\reserved@a\@empty
6833     #1{biditools}{%
6834       empty package argument for
6835       \string\bidisaved@PreventPackageFromLoading\MessageBreak
6836       ignored%
6837     }%
6838   \else
6839     \expandafter\@ifpackageloaded\expandafter{\reserved@a}{%
6840       #1{biditools}{%
6841         package '\reserved@a' already loaded.\MessageBreak
6842         Cannot prevent it from being loaded%
6843       }%
6844     }{%
6845       \edef\bidisaved@excludedpackages{\bidisaved@excludedpackages,%
6846         \reserved@a}%
6847       \if\relax\detokenize{#2}\relax\else
6848         \@ifundefined{bidisaved@exclude@package@\reserved@a @do}{%
6849           \namedef{bidisaved@exclude@package@\reserved@a @do}{}%
6850         }{%
6851           \expandafter\def
6852             \csname bidisaved@exclude@package@\reserved@a
6853               @do\expandafter\expandafter\expandafter\endcsname
6854             \expandafter\expandafter\expandafter{%
6855               \csname bidisaved@exclude@package@\reserved@a @do\endcsname
6856               #2%
6857             }%
6858         \fi
6859       }%
6860     \fi
6861   }%
6862   \ifx\bidisaved@excludedpackages\@empty
6863     \bidisaved@ResetPreventPackageFromLoading
6864   \fi
6865 \fi
6866 }
6867
6868 \@onlypreamble\bidisaved@PreventPackageFromLoading

```



```

6869 \newcommand*{\bidi@ResetPreventPackageFromLoading}{%
6870   \let\bidi@excludedpackages\@empty
6871   \ifx\RequirePackage\bidi@RequirePackage
6872     \ifx\usepackage\RequirePackage
6873       \let\usepackage\bidi@saved@RequirePackage
6874     \fi
6875     \let\RequirePackage\bidi@saved@RequirePackage
6876   \fi
6877 }
6878 \@onlypreamble\bidi@ResetPreventPackageFromLoading
6879 \newcommand*{\bidi@StorePreventPackageFromLoading}[1]{%
6880   \let#1\bidi@excludedpackages
6881 }
6882 \@onlypreamble\bidi@StorePreventPackageFromLoading
6883 \newcommand*{\bidi@UnPreventPackageFromLoading}{%
6884   \@ifstar {\@tempswattrue\bidi@UnPreventPackageFromLoading}%
6885             {\@tempswafalse\bidi@UnPreventPackageFromLoading}%
6886 }
6887
6888 \newcommand*{\@bidi@UnPreventPackageFromLoading}[1]{%
6889   \edef\reserved@b{\zap@space#1 \@empty}%
6890   \if@tempswa
6891     \@for\reserved@a=\reserved@b\do {%
6892       \ifx\reserved@a\@empty \else
6893         \ifcsname bidi@exclude@package@\reserved@a @do\endcsname
6894           \expandafter\let
6895           \csname bidi@exclude@package@\reserved@a @do\endcsname
6896           \undefined
6897         \fi
6898       \fi
6899     }%
6900   \fi
6901   \ifcsname bidi@excludedpackages\endcsname
6902     \let\reserved@a\bidi@excludedpackages
6903     \let\bidi@excludedpackages\@empty
6904     \expandafter\@for\expandafter\reserved@c
6905     \expandafter:\expandafter=\reserved@a
6906     \do{%
6907       \ifx\reserved@c\@empty\else
6908         \@expandtwoargs\in@{,\reserved@c,}{,\reserved@b,}%
6909         \ifin@
6910         \else
6911           \edef\bidi@excludedpackages{%
6912             \bidi@excludedpackages,\reserved@c
6913           }%
6914         \fi
6915       \fi
6916     }%
6917   \ifx\bidi@excludedpackages\@empty\bidi@ResetPreventPackageFromLoading\fi
6918   \fi
6919 }
6920
6921
6922 \newcommand*{\bidi@RequirePackage}[2] [] {%

```



```

6923 \let\reserved@c\@empty
6924 \let\reserved@d\@empty
6925 \edef\reserved@b{\zap@space#2 \@empty}%
6926 \expandafter\@for\expandafter\reserved@b\expandafter:\expandafter=\reserved@b
6927 \do {%
6928   \begingroup
6929     \@tempwattrue
6930     \@for\reserved@a:=\bidi@excludedpackages\do {%
6931       \ifx\reserved@a\reserved@b
6932         \@tempwafalse
6933       \fi
6934     }%
6935     \if@tempswa
6936       \xdef\reserved@c{\reserved@c,\reserved@b}%
6937     \else
6938       \ifx\reserved@b\@empty\else
6939         \PackageInfo{biditools}{Excluding package `\'reserved@b'\MessageBreak
6940           from loading}%
6941         \@ifundefined{bidi@exclude@package@\reserved@b @do}{%
6942           }{%
6943             \expandafter\g@addto@macro\expandafter\reserved@d
6944             \csname bidi@exclude@package@\reserved@b @do\endcsname
6945           }%
6946       \fi
6947     \fi
6948   \endgroup
6949 }%
6950 \ifx\reserved@c\@empty
6951   \let\reserved@a\bidi@gobbleopt
6952 \else
6953   \edef\reserved@a{\noexpand\bidi@saved@RequirePackage[#1]{%
6954     \expandafter\@gobble\reserved@c\@empty}}%
6955 \fi
6956 \expandafter\reserved@d
6957 \reserved@a
6958 }
6959
6960 \newcommand{\bidi@gobbleopt}[1][]{%
6961 \AtEndDocument{%
6962   \let\bidi@saved@checkend=\@checkend
6963   \renewcommand*{\@checkend}[1]{%
6964     \def\reserved@a{#1}\def\reserved@b{document}%
6965     \bidi@saved@checkend{#1}%
6966     \ifx\reserved@a\reserved@b
6967       \let\bidi@saved@clearpage=\clearpage
6968       \renewcommand*{\clearpage}{\bidi@saved@clearpage
6969         \bidi@hook@bcma
6970         \bidi@restore@newpage
6971         \let\clearpage=\bidi@saved@clearpage}%
6972     \fi%
6973     \let\bidi@saved@dofilelist\@dofilelist
6974     \def\@dofilelist{%
6975       \bidi@hook@acma
6976       \let\@dofilelist\bidi@saved@dofilelist

```



```

6977     \bidi@saved@dofilelist
6978   }%
6979 }%
6980 }
6981
6982
6983 \newcommand*{\bidi@saved@checkend}{ }
6984 \newcommand*{\bidi@saved@dofilelist}{ }
6985 \newcommand*{\bidi@redefine@newpage}{%
6986   \let\bidi@saved@newpage\newpage
6987   \def\bidi@restore@newpage{%
6988     \renewcommand*{\newpage}{%
6989       \PackageWarningNoLine{%
6990         biditools%
6991       }{%
6992         \string\newpage\space at main aux file!\MessageBreak
6993         You have output material at the main aux file.\MessageBreak
6994         Note, that the \string\bidi@BeforeClosingMainAux\space commands\MessageBreak
6995         are processed before the output from aux file%
6996       }%
6997       \let\newpage\bidi@saved@newpage
6998       \newpage
6999     }%
7000   }%
7001   \renewcommand*{\newpage}{%
7002     \PackageError{%
7003       biditools%
7004     }{%
7005       \string\newpage\space at \string\bidi@BeforeClosingMainAux
7006     }{%
7007       You should never use \string\newpage\space or
7008       \string\clear(double)page or other output material at the\MessageBreak
7009       argument of \string\bidi@BeforeClosingMainAux!\MessageBreak
7010       If you'll continue, the \string\newpage\space will be ignored to
7011       avoid corruption of\MessageBreak
7012       every prior use of \string\bidi@BeforeClosingMainAux.
7013     }%
7014   }%
7015 }
7016
7017 \newcommand*{\bidi@restore@newpage}{ }
7018 \newcommand*{\bidi@hook@bcma}{ }
7019 \newcommand*{\bidi@hook@acma}{ }
7020 \newcommand*{\bidi@BeforeClosingMainAux}{%
7021   \ifx\bidi@hook@bcma\empty
7022     \gdef\bidi@hook@bcma{%
7023       \renewcommand*{\bidi@BeforeClosingMainAux}[1]{####1}%
7024       \let\protected@write\bidi@protected@immediate@write
7025       \bidi@redefine@newpage
7026     }%
7027   \fi
7028   \g@addto@macro\bidi@hook@bcma%
7029 }
7030

```



```

7031 \newcommand*{\bidi@AfterReadingMainAux}{%
7032   \ifx\bidi@hook@acma\@empty
7033     \gdef\bidi@hook@acma{%
7034       \renewcommand*{\bidi@AfterReadingMainAux}[1]{####1}%
7035       \let\protected@write\bidi@protected@immediate@write
7036     }%
7037   \fi
7038   \g@addto@macro\bidi@hook@acma%
7039 }
7040
7041 \long\def\bidi@protected@immediate@write#1#2#3{%
7042   \begingroup
7043     #2%
7044     \let\protect\@unexpandable@protect
7045     \edef\reserved@a{\immediate\write#1{#3}}%
7046     \reserved@a
7047   \endgroup
7048   \if@nobreak\ifvmode\nobreak\fi\fi
7049 }
7050
7051 \def\bidi@patch@counter{0}%
7052 \if@bidi@csundef{numexpr}{%
7053   \def\bidi@patch@stepcounter{%
7054     \begingroup
7055       \count@\bidi@patch@counter\relax
7056       \advance\count@\@ne\relax
7057     \edef\x{\endgroup
7058       \noexpand\def\noexpand\bidi@patch@counter{\the\count@}%
7059     }%
7060     \x
7061   }%
7062 }{%
7063   \def\bidi@patch@stepcounter{%
7064     \edef\bidi@patch@counter{%
7065       \the\numexpr\bidi@patch@counter+\@ne\relax
7066     }%
7067   }%
7068 }
7069 \def\bidi@patch@list{}
7070 \def\bidi@patch@Add{%
7071   \bidi@appto\bidi@patch@list
7072 }
7073 \def\bidi@patch@AfterPackage#1{%
7074   \@ifpackageloaded{#1}{%
7075     \@firstofone
7076   }{%
7077     \@bidi@patch@AfterPackage{#1}%
7078   }%
7079 }
7080 \def\@bidi@patch@AfterPackage#1{%
7081   \edef\bidi@patch@temp{#1}%
7082   \bidi@patch@stepcounter
7083   \expandafter\bidi@patch@@AfterPackage
7084   \csname @bidi@patch@\bidi@patch@counter\expandafter\endcsname{%

```



```

7085 \bidi@patch@temp
7086 }%
7087 }
7088 \def\bidi@patch@@AfterPackage#1#2#3{%
7089 \begingroup
7090 \toks@{#3}%
7091 \xdef\bidi@patch@gtemp{%
7092 \noexpand\@ifpackageloaded{#2}{%
7093 \noexpand\let\noexpand#1\noexpand\relax
7094 \the\toks@
7095 }{}%
7096 }%
7097 \endgroup
7098 \let#1\bidi@patch@gtemp
7099 \bidi@patch@Add#1%
7100 \bidi@patch@try{\bidi@AfterPackage}{#2}#1%
7101 }
7102
7103 \def\bidi@patch@try#1#2#3{%
7104 \if@bidi@csundef{#1}{-}{%
7105 \csname #1\endcsname{#2}{#3}%
7106 }%
7107 }
7108
7109 \AtBeginDocument{\bidi@patch@list}
7110
7111 \bidi@AtEndPreamble{\bidi@patch@list}%
7112
7113 \bidi@AfterEndPreamble{%
7114 \let\bidi@patch@OrgIfPackageLoaded\@ifpackageloaded
7115 \let\bidi@patch@OrgIfPackageLater\@ifpackagelater
7116 \let\bidi@patch@OrgIfClassLoaded\@ifclassloaded
7117 \let\bidi@patch@OrgIfClassLater\@ifclasslater
7118 \bidi@patch@list
7119 \let\@ifpackageloaded\bidi@patch@OrgIfPackageLoaded
7120 \let\@ifpackagelater\bidi@patch@OrgIfPackageLater
7121 \let\@ifclassloaded\bidi@patch@OrgIfClassLoaded
7122 \let\@ifclasslater\bidi@patch@OrgIfClassLater
7123 }%

```

## 53 File bidentuftefloat.sty

```

7124 \NeedsTeXFormat{LaTeX2e}
7125 \ProvidesPackage{bidentuftefloat}[2017/05/19 v0.2
7126 bidi implementation of tufte float]
7127 \RequirePackage{xifthen}
7128 \newcommand{\@bidentuftefloat@pkgname}{bidentuftefloat}
7129 \newcommand{\bidentuftefloatError}[2]{\PackageError{\@bidentuftefloat@pkgname}{#1}{#2}}
7130 \newcommand{\bidentuftefloatDebugInfoNL}[1]{\ifthenelse{\boolean{@bidentuftefloat@debug}}{\bid
7131 \newcommand{\bidentuftefloatInfoNL}[1]{\PackageInfo{\@bidentuftefloat@pkgname}{#1\@gobble}}
7132 \newboolean{@bidentuftefloat@reversegeometry}
7133 \setboolean{@bidentuftefloat@reversegeometry}{false}
7134 \DeclareOption{reversegeometry}{\setboolean{@bidentuftefloat@reversegeometry}{true}}
7135 \newboolean{@bidentuftefloat@a4paper}

```



```

7136 \DeclareOption{a4paper}{\setboolean{@biditytfloat@a4paper}{true}}
7137 \newboolean{@biditytfloat@b5paper}
7138 \DeclareOption{b5paper}{\setboolean{@biditytfloat@b5paper}{true}}
7139 \newboolean{@biditytfloat@symmetric}
7140 \newboolean{@biditytfloat@twoside}
7141 \DeclareOption{twoside}{%
7142 \@twoside true \mparswitch true%
7143 \setboolean{@biditytfloat@twoside}{true}%
7144 \setboolean{@biditytfloat@symmetric}{true}%
7145 }
7146 \DeclareOption{oneside}{%
7147 \@twoside false \mparswitch false%
7148 \setboolean{@biditytfloat@twoside}{false}%
7149 \setboolean{@biditytfloat@symmetric}{false}%
7150 }
7151 \ifclassloaded{book}{\ExecuteOptions{twoside}}{}
7152 \newboolean{@biditytfloat@debug}
7153 \newcommand*{@biditytfloat@caption@justification}{@biditytfloat@justification@autodet
7154 \ProcessOptions
7155 %% Globally sets the length
7156 \newcommand*{\gsetlength}[2]{%
7157 \setlength{#1}{#2}%
7158 \global#1=#1\relax%
7159 }
7160
7161 %% Set the font sizes and baselines to match biditytfloat's books
7162 \renewcommand\normalsize{%
7163 \setfontsize\normalsize\@xpt{14}%
7164 \abovedisplayskip 10\p@ \@plus2\p@ \@minus5\p@
7165 \abovedisplayshortskip \z@ \@plus3\p@
7166 \belowdisplayshortskip 6\p@ \@plus3\p@ \@minus3\p@
7167 \belowdisplayskip \abovedisplayskip
7168 \let\@listi\@listI}
7169 \normalbaselineskip=14pt
7170 \normalsize
7171 \renewcommand\footnotesize{%
7172 \setfontsize\footnotesize\@viipt{10}%
7173 \abovedisplayskip 6\p@ \@plus2\p@ \@minus4\p@
7174 \abovedisplayshortskip \z@ \@plus\p@
7175 \belowdisplayshortskip 3\p@ \@plus\p@ \@minus2\p@
7176 \def\@listi{\leftmargin\leftmarginI
7177 \topsep 3\p@ \@plus\p@ \@minus\p@
7178 \parsep 2\p@ \@plus\p@ \@minus\p@
7179 \itemsep \parsep}%
7180 \belowdisplayskip \abovedisplayskip
7181 }
7182 %% Paragraph indentation and separation for marginal text
7183 \newcommand{@biditytfloat@margin@par}{%
7184 \setlength{\RaggedRightParindent}{0.5pc}%
7185 \setlength{\JustifyingParindent}{0.5pc}%
7186 \setlength{\parindent}{0.5pc}%
7187 \setlength{\parskip}{0pt}%
7188 }
7189 \RequirePackage{ragged2e}

```



```

7190 \ifthenelse{\boolean{@bidituftefloat@reversegeometry}}{%
7191 \RequirePackage[letterpaper,right=1in,top=1in,headsep=2\baselineskip,textwidth=26pc,marginpa
7192 \ifthenelse{\boolean{@bidituftefloat@a4paper}}
7193 {\geometry{a4paper,right=24.8mm,top=27.4mm,headsep=2\baselineskip,textwidth=107mm,marginpa
7194 {}
7195 \ifthenelse{\boolean{@bidituftefloat@bfivepaper}}
7196 {\geometry{paperwidth=176mm,paperheight=250mm,right=14.66mm,top=13.88mm,textwidth=102.66mm
7197 {}}%
7198 \RequirePackage[letterpaper,left=1in,top=1in,headsep=2\baselineskip,textwidth=26pc,marginpa
7199 \ifthenelse{\boolean{@bidituftefloat@a4paper}}
7200 {\geometry{a4paper,left=24.8mm,top=27.4mm,headsep=2\baselineskip,textwidth=107mm,marginpa
7201 {}
7202 \ifthenelse{\boolean{@bidituftefloat@bfivepaper}}
7203 {\geometry{paperwidth=176mm,paperheight=250mm,left=14.66mm,top=13.88mm,textwidth=102.66mm,
7204 {}%
7205 \ifthenelse{\boolean{@bidituftefloat@symmetric}}
7206 {}
7207 {\geometry{asymmetric}}}% forces internal LaTeX `twoside'
7208 \setlength\marginparpush{10pt}
7209 %% Font for margin items
7210 \newcommand{\@bidituftefloat@marginfont}{\normalfont\footnotesize}
7211 \newcommand*{\@bidituftefloat@caption@font}{\@bidituftefloat@marginfont}
7212 \newcommand*{\setcaptionfont}[1]{\renewcommand*{\@bidituftefloat@caption@font}{#1}}
7213 \newcommand{\@bidituftefloat@justification}{\justifying}%
7214 \setlength\abovedisplayskip{6pt plus 2pt minus 4pt}
7215 \setlength\belowdisplayskip{6pt plus 2pt minus 4pt}
7216 \newboolean{@bidituftefloat@changepage}
7217 \IfFileExists{changepage.sty}{%
7218 \bidituftefloatDebugInfoNL{Found changepage.sty}
7219 \RequirePackage[strict]{changepage}
7220 \setboolean{@bidituftefloat@changepage}{true}
7221 }{%
7222 \bidituftefloatDebugInfoNL{Found chngpage.sty}
7223 \RequirePackage[strict]{chngpage}
7224 \setboolean{@bidituftefloat@changepage}{false}
7225 }
7226 \newboolean{@bidituftefloat@odd@page}
7227 \setboolean{@bidituftefloat@odd@page}{true}
7228 \newcommand*{\@bidituftefloat@checkoddpager}{%
7229 \checkoddpager%
7230 \ifthenelse{\boolean{@bidituftefloat@changepage}}{%
7231 \ifoddpager%
7232 \setboolean{@bidituftefloat@odd@page}{true}%
7233 \else%
7234 \setboolean{@bidituftefloat@odd@page}{false}%
7235 \fi%
7236 }{%
7237 \ifcpoddpager%
7238 \setboolean{@bidituftefloat@odd@page}{true}%
7239 \else%
7240 \setboolean{@bidituftefloat@odd@page}{false}%
7241 \fi%
7242 }%
7243 }

```



```

7244 \newlength{\@bidituftefloat@overhang}% used by the fullwidth environment and the running head
7245 \newlength{\@bidituftefloat@fullwidth}
7246 \newlength{\@bidituftefloat@caption@fill}
7247 \newcommand{\@bidituftefloatRecalculate}{%
7248   \setlength{\@bidituftefloat@overhang}{\marginparwidth}
7249   \addtolength{\@bidituftefloat@overhang}{\marginparsep}
7250
7251   \setlength{\@bidituftefloat@fullwidth}{\textwidth}
7252   \addtolength{\@bidituftefloat@fullwidth}{\marginparsep}
7253   \addtolength{\@bidituftefloat@fullwidth}{\marginparwidth}
7254
7255   \setlength{\@bidituftefloat@caption@fill}{\textwidth}
7256   \addtolength{\@bidituftefloat@caption@fill}{\marginparsep}
7257 }
7258 \AtBeginDocument{\@bidituftefloatRecalculate}
7259 \RequirePackage{optparams}% provides multiple optional arguments for commands
7260 \RequirePackage{placeins}
7261 \newsavebox{\@bidituftefloat@margin@floatbox}
7262 \newenvironment{@bidituftefloat@margin@float}[2][-1.2ex]%
7263   {\FloatBarrier% process all floats before this point so the figure/table numbers stay in order}
7264   {\begin{lrbox}{\@bidituftefloat@margin@floatbox}%
7265     \begin{minipage}{\marginparwidth}%
7266       \@bidituftefloat@caption@font%
7267       \def\@capttype{#2}%
7268       \hbox{\vspace*{#1}%
7269         \@bidituftefloat@caption@justification%
7270         \@bidituftefloat@margin@par%
7271         \noindent%
7272       }
7273     {\end{minipage}%
7274     \end{lrbox}}%
7275     \marginpar{\usebox{\@bidituftefloat@margin@floatbox}}%
7276   }
7277 \newenvironment{marginfigure}[1][-1.2ex]%
7278   {\begin{@bidituftefloat@margin@float}[#1]{figure}}
7279   {\end{@bidituftefloat@margin@float}}
7280 \newenvironment{margintable}[1][-1.2ex]%
7281   {\begin{@bidituftefloat@margin@float}[#1]{table}}
7282   {\end{@bidituftefloat@margin@float}}
7283 \newcommand*{\@bidituftefloat@justification@autodetect}{\justifying}%
7284
7285 \newcommand{\@bidituftefloat@float@debug@info}{}% contains debug info generated as the float is processed
7286 \newcommand{\@bidituftefloat@float@debug}[1]{% adds debug info to the queue for output
7287   \ifthenelse{\equal{\@bidituftefloat@float@debug@info}{}}{%
7288     {\def\@bidituftefloat@float@debug@info{#1}}%
7289     {\g@addto@macro\@bidituftefloat@float@debug@info{\MessageBreak#1}}%
7290   }
7291 \newcommand{\floatalignment}{x}% holds the current float alignment (t, b, h, p)
7292 \newcommand{\setfloatalignment}[1]{\global\def\floatalignment{#1}\@bidituftefloat@float@debug{setfloatalignment}}
7293 \newboolean{@bidituftefloat@float@recto}
7294 \newcommand{\forcerectofloat}{\GlobalSetBoolean{@bidituftefloat@float@recto}{true}\@bidituftefloat@float@debug{forcerectofloat}}
7295 \newcommand{\forceversofloat}{\GlobalSetBoolean{@bidituftefloat@float@recto}{false}\@bidituftefloat@float@debug{forceversofloat}}
7296 \newsavebox{\@bidituftefloat@figure@box}
7297 \newsavebox{\@bidituftefloat@caption@box}

```



```

7298 \let\@biditytfloat@orig@float\@float
7299 \let\@biditytfloat@orig@endfloat\endfloat
7300 \newlength{\@biditytfloat@caption@vertical@offset}
7301 \setlength{\@biditytfloat@caption@vertical@offset}{0pt}
7302 \newcommand{\@biditytfloat@stored@shortcaption}{}
7303 \newcommand{\@biditytfloat@stored@caption}{}
7304 \newcommand{\@biditytfloat@stored@label}{}
7305 \long\def\@biditytfloat@caption[#1][#2]#3{%
7306   \ifthenelse{\isempty{#1}}%
7307     {\gdef\@biditytfloat@stored@shortcaption{#3}}%
7308     {\gdef\@biditytfloat@stored@shortcaption{#1}}%
7309   \gsetlength{\@biditytfloat@caption@vertical@offset}{-#2}% we want a positive offset to 1
7310   \gdef\@biditytfloat@stored@caption{#3}%
7311 }
7312 \newcommand{\@biditytfloat@label}[1]{%
7313   \gdef\@biditytfloat@stored@label{#1}%
7314 }
7315 \newcommand{\@biditytfloat@fps}{}
7316 \newboolean{\@biditytfloat@float@star}
7317 \newlength{\@biditytfloat@float@contents@width}
7318 \newenvironment{\@biditytfloat@float}[3][htbp]%
7319 {% begin \@biditytfloat@float
7320   % Should this float be full-width or just text-width?
7321   \ifthenelse{\equal{#3}{star}}%
7322     {\GlobalSetBoolean{\@biditytfloat@float@star}{true}}%
7323     {\GlobalSetBoolean{\@biditytfloat@float@star}{false}}%
7324   % Check page side (recto/verso) and store detected value -- can be overridden in environm
7325   \@biditytfloat@checkoddpages%
7326   \ifthenelse{\boolean{\@biditytfloat@odd@page}}%
7327     {\GlobalSetBoolean{\@biditytfloat@float@recto}{true}}\@biditytfloat@float@debug{Dete
7328     {\GlobalSetBoolean{\@biditytfloat@float@recto}{false}}\@biditytfloat@float@debug{Det
7329   % If the float placement specifier is 'b' and only 'b', then bottom-align the mini-pages
7330   \renewcommand{\@biditytfloat@fps}{#1}%
7331   \@biditytfloat@float@debug{Allowed positions: [#1]}%
7332   \ifthenelse{\equal{#1}{b}\OR\equal{#1}{B}}%
7333     {\renewcommand{\floatalignment}{b}}\@biditytfloat@float@debug{Presumed position: [bot
7334     {\renewcommand{\floatalignment}{t}}\@biditytfloat@float@debug{Presumed position: [top
7335   % Capture the contents of the \caption and \label commands to use later
7336   \global\let\@biditytfloat@orig@caption\caption%
7337   \global\let\@biditytfloat@orig@label\label%
7338   \renewcommand{\caption}{\optparams{\@biditytfloat@caption}{[0pt]}}%
7339   \renewcommand{\label}[1]{\@biditytfloat@label{##1}}%
7340   % Handle subfigure package compatibility
7341   \ifthenelse{\boolean{\@biditytfloat@packages@subfigure}}{%
7342     \bidi@patchcmd{\subfigure}{%
7343       \let\subfig@oldlabel=\label
7344     }{%
7345       \let\subfig@oldlabel=\@biditytfloat@orig@label
7346     }
7347   }
7348   {}
7349   \let\subtable=\subfigure
7350 }{}% subfigure package is not loaded
7351 \@biditytfloat@orig@float{#2}[#1]%

```



```

7352 \ifthenelse{\boolean{@biditytfloat@float@star}}%
7353   {\setlength{@biditytfloat@float@contents@width}{@biditytfloat@fullwidth}}%
7354   {\setlength{@biditytfloat@float@contents@width}{\textwidth}}%
7355 \begin{lrbox}{@biditytfloat@figure@box}%
7356 \begin{minipage}[floatalignment]{@biditytfloat@float@contents@width}\hbox{}%
7357 }{% end @biditytfloat@float
7358   \par\hbox{}\vspace{-\baselineskip}\ifthenelse{\prevdepth>0}{\vspace{-\prevdepth}}{}% a
7359   \end{minipage}%
7360 \end{lrbox}%
7361 % build the caption box
7362 \begin{lrbox}{@biditytfloat@caption@box}%
7363   \begin{minipage}[floatalignment]{marginparwidth}\hbox{}%
7364     \ifthenelse{\NOT\equal{@biditytfloat@stored@caption}}{@biditytfloat@orig@caption}%
7365     \ifthenelse{\NOT\equal{@biditytfloat@stored@label}}{@biditytfloat@orig@label}%
7366     \par\vspace{-\prevdepth}%% TODO: DOUBLE-CHECK FOR SAFETY
7367   \end{minipage}%
7368 \end{lrbox}%
7369 % now typeset the stored boxes
7370 \begin{fullwidth}%
7371   \begin{minipage}[floatalignment]{linewidth}%
7372     \ifthenelse{\boolean{@biditytfloat@float@star}}%
7373       {@biditytfloat@float@fullwidth[@biditytfloat@caption@vertical@offset]{@biditytfloat@float@textwidth[@biditytfloat@caption@vertical@offset]{@biditytfloat@float@textwidth}}}%
7374       {@biditytfloat@float@textwidth[@biditytfloat@caption@vertical@offset]{@biditytfloat@float@textwidth}}%
7375   \end{minipage}%
7376 \end{fullwidth}%
7377 \@biditytfloat@orig@endfloat% end original LaTeX float environment
7378 % output debug info
7379 \ifthenelse{\boolean{@biditytfloat@debug}}{%
7380   \typeout{^^J^^J----- biditytfloat package float information -----}%
7381   \ifthenelse{\equal{@biditytfloat@stored@label}}{}%
7382     {\typeout{Warning: Float unlabeled!}}%
7383     {\typeout{Float label: [@biditytfloat@stored@label]}}%
7384   \typeout{Page number: [thepage]}%
7385   \def\MessageBreak{^^J}%
7386   \typeout{@biditytfloat@float@debug@info}%
7387   \ifthenelse{\boolean{@biditytfloat@symmetric}}%
7388     {\typeout{Symmetric: [true]}}%
7389     {\typeout{Symmetric: [false]}}%
7390   \typeout{-----^^J^^J}%
7391 }{}%
7392 % reset commands and temp boxes and captions
7393 \gdef\@biditytfloat@float@debug@info{}%
7394 \let\caption\@biditytfloat@orig@caption%
7395 \let\label\@biditytfloat@orig@label%
7396 \begin{lrbox}{@biditytfloat@figure@box}\hbox{}\end{lrbox}%
7397 \begin{lrbox}{@biditytfloat@caption@box}\hbox{}\end{lrbox}%
7398 \gdef\@biditytfloat@stored@shortcaption{}%
7399 \gdef\@biditytfloat@stored@caption{}%
7400 \gdef\@biditytfloat@stored@label{}%
7401 \gsetlength{@biditytfloat@caption@vertical@offset}{0pt}% reset caption offset
7402 }
7403 \newcommand{@biditytfloat@float@textwidth}[3][0pt]{%
7404   \ifthenelse{\NOT\boolean{@biditytfloat@symmetric}\OR\boolean{@biditytfloat@float@recto}}%
7405     % asymmetric or page is odd, so caption is on the right

```



```

7406 \hbox{%
7407 \usebox{#2}%
7408 \hspace{\marginparsep}%
7409 \smash{\raisebox{#1}{\usebox{#3}}}%
7410 }
7411 \@biditytfloat@float@debug{Caption position: [right]]%
7412 }{% symmetric pages and page is even, so caption is on the left
7413 \hbox{%
7414 \smash{\raisebox{#1}{\usebox{#3}}}%
7415 \hspace{\marginparsep}%
7416 \usebox{#2}%
7417 }
7418 \@biditytfloat@float@debug{Caption position: [left]]%
7419 }%
7420 }
7421 \newcommand{\@biditytfloat@float@fullwidth}[3][Opt]{%
7422 \ifthenelse{\equal{\floatalignment}{b}}{%
7423 % place caption above figure
7424 \ifthenelse{\NOT\boolean{@biditytfloat@symmetric}}\OR\boolean{@biditytfloat@float@right}}{\hfill\smash{\raisebox{#1}{\usebox{#3}}}\par\usebox{#2}\@biditytfloat@float@debug}{\smash{\raisebox{#1}{\usebox{#3}}}\hfill\par\usebox{#2}\@biditytfloat@float@debug}
7425 }{% place caption below figure
7426 \ifthenelse{\NOT\boolean{@biditytfloat@symmetric}}\OR\boolean{@biditytfloat@float@right}}{\usebox{#2}\par\hfill\smash{\raisebox{#1}{\usebox{#3}}}\@biditytfloat@float@debug}{\usebox{#2}\par\smash{\raisebox{#1}{\usebox{#3}}}\hfill\@biditytfloat@float@debug}
7427 }%
7428 }
7429 }
7430 }
7431 }
7432 }
7433 \renewenvironment{figure}[1][htbp]%
7434 {\ifvmode\else\unskip\fi\begin{@biditytfloat@float}[#1]{figure}{}}
7435 {\end{@biditytfloat@float}}
7436 \renewenvironment{table}[1][htbp]
7437 {\ifvmode\else\unskip\fi\begin{@biditytfloat@float}[#1]{table}{}}
7438 {\end{@biditytfloat@float}}
7439 \renewenvironment{figure*}[1][htbp]%
7440 {\ifvmode\else\unskip\fi\begin{@biditytfloat@float}[#1]{figure}{star}}
7441 {\end{@biditytfloat@float}}
7442 \renewenvironment{table*}[1][htbp]%
7443 {\ifvmode\else\unskip\fi\begin{@biditytfloat@float}[#1]{table}{star}}
7444 {\end{@biditytfloat@float}}
7445 \newenvironment{fullwidth}
7446 {\ifthenelse{\boolean{@biditytfloat@symmetric}}%
7447 {\ifthenelse{\boolean{@biditytfloat@change page}}{\begin{adjustwidth*}{- \@biditytfloat@overhang}}%
7448 {\begin{adjustwidth}{- \@biditytfloat@overhang}}}%
7449 }%
7450 {\ifthenelse{\boolean{@biditytfloat@symmetric}}%
7451 {\ifthenelse{\boolean{@biditytfloat@change page}}{\end{adjustwidth*}}{\end{adjustwidth}}%
7452 {\end{adjustwidth}}}%
7453 }
7454 \long\def\caption#1[#2]#3{%
7455 \par%
7456 \addcontentsline{\csname ext@#1\endcsname}{#1}%
7457 {\protect\numberline{\csname the#1\endcsname}{\ignorespaces #2}}%
7458 \begingroup%
7459 \@parboxrestore%

```



```

7460 \if@minipage%
7461 \setminipage%
7462 \fi%
7463 \@bituftefloat@caption@font\@bituftefloat@caption@justification%
7464 \noindent\csname fnum@#1\endcsname: \ignorespaces#3\par%
7465 %\@makecaption{\csname fnum@#1\endcsname}{\ignorespaces #3}\par
7466 \endgroup}
7467 %%
7468 % Turns newlines into spaces. Based on code from the `titlesec' package.
7469 \DeclareRobustCommand{\@bituftefloating@newlinetospace}{%
7470 \ifstar{\@bituftefloating@newlinetospace@i}{\@bituftefloating@newlinetospace@i}%
7471 }
7472 \def\@bituftefloating@newlinetospace@i{%
7473 \ifdim\lastskip>\z@else\space\fi
7474 \ignorespaces%
7475 }
7476 \DeclareRobustCommand{\newlinetospace}[1]{%
7477 \let\@bituftefloating@orig@cr\\% save the original meaning of \\
7478 \def\\{\@bituftefloating@newlinetospace}% turn \\ and \\* into \space
7479 \let\newline\\% turn \newline into \space
7480 #1%
7481 \let\\ \@bituftefloating@orig@cr% revert to original meaning of \\
7482 }
7483 \RequirePackage{fancyhdr}
7484 \pagestyle{fancy}
7485 \AtBeginDocument{%
7486 \ifthenelse{\boolean{@bituftefloat@symmetric}}{
7487 {\fancyhfoffset[LE,RO]{\@bituftefloat@overhang}}
7488 {\fancyhfoffset[RE,RO]{\@bituftefloat@overhang}}
7489 }
7490 % The running heads/feet don't have rules
7491 \renewcommand{\headrulewidth}{0pt}
7492 \renewcommand{\footrulewidth}{0pt}
7493 % The 'fancy' page style is the default style for all pages.
7494 \fancyhf{} % clear header and footer fields
7495 \ifthenelse{\boolean{@bituftefloat@symmetric}}{
7496 {\fancyhead[LE]{\thepage\quad\textsl{\newlinetospace{\plainauthor}}}%
7497 \fancyhead[RO]{\textsl{\newlinetospace{\plaintitle}}\quad\thepage}}%
7498 {\fancyhead[RE,RO]{\textsl{\newlinetospace{\plaintitle}}\quad\thepage}}%
7499 % The `plain' page style is used on chapter opening pages.
7500 % In Tufte's /Beautiful Evidence/ he never puts page numbers at the
7501 % bottom of pages -- the folios are unexpressed.
7502 \fancypagestyle{plain}{
7503 \fancyhf{} % clear header and footer fields
7504 % Uncomment the following five lines of code if you want the opening page
7505 % of the chapter to express the folio in the lower outside corner.
7506 % \ifthenelse{\boolean{@bituftefloat@symmetric}}{
7507 % {\fancyfoot[LE,RO]{\thepage}}
7508 % {\fancyfoot[RE,RO]{\thepage}}
7509 }
7510 % The `empty' page style suppresses all headers and footers.
7511 % It's used on title pages and `intentionally blank' pages.
7512 \fancypagestyle{empty}{
7513 \fancyhf{} % clear header and footer fields

```



```

7514 }
7515 \def\morefloats{% provides a total of 52 floats
7516 \ifthenelse{\isundefined{\bx@S}}{%
7517 \bidituftefloatDebugInfoNL{Adding 34 more float slots.}
7518 \newinsert\bx@S
7519 \newinsert\bx@T
7520 \newinsert\bx@U
7521 \newinsert\bx@V
7522 \newinsert\bx@W
7523 \newinsert\bx@X
7524 \newinsert\bx@Y
7525 \newinsert\bx@Z
7526 \newinsert\bx@a
7527 \newinsert\bx@b
7528 \newinsert\bx@c
7529 \newinsert\bx@d
7530 \newinsert\bx@e
7531 \newinsert\bx@f
7532 \newinsert\bx@g
7533 \newinsert\bx@h
7534 \newinsert\bx@i
7535 \newinsert\bx@j
7536 \newinsert\bx@k
7537 \newinsert\bx@l
7538 \newinsert\bx@m
7539 \newinsert\bx@n
7540 \newinsert\bx@o
7541 \newinsert\bx@p
7542 \newinsert\bx@q
7543 \newinsert\bx@r
7544 \newinsert\bx@s
7545 \newinsert\bx@t
7546 \newinsert\bx@u
7547 \newinsert\bx@v
7548 \newinsert\bx@w
7549 \newinsert\bx@x
7550 \newinsert\bx@y
7551 \newinsert\bx@z
7552 \gdef\@freelist{\@elt\bx@A\@elt\bx@B\@elt\bx@C\@elt\bx@D\@elt\bx@E
7553 \@elt\bx@F\@elt\bx@G\@elt\bx@H\@elt\bx@I\@elt\bx@J
7554 \@elt\bx@K\@elt\bx@L\@elt\bx@M\@elt\bx@N
7555 \@elt\bx@O\@elt\bx@P\@elt\bx@Q\@elt\bx@R
7556 \@elt\bx@S\@elt\bx@T\@elt\bx@U\@elt\bx@V
7557 \@elt\bx@W\@elt\bx@X\@elt\bx@Y\@elt\bx@Z
7558 \@elt\bx@a\@elt\bx@b\@elt\bx@c\@elt\bx@d\@elt\bx@e
7559 \@elt\bx@f\@elt\bx@g\@elt\bx@h\@elt\bx@i\@elt\bx@j
7560 \@elt\bx@k\@elt\bx@l\@elt\bx@m\@elt\bx@n
7561 \@elt\bx@o\@elt\bx@p\@elt\bx@q\@elt\bx@r
7562 \@elt\bx@s\@elt\bx@t\@elt\bx@u\@elt\bx@v
7563 \@elt\bx@w\@elt\bx@x\@elt\bx@y\@elt\bx@z}%
7564 }{% we've already added another 34 floats, so we'll add 26 more, but that's it!
7565 \ifthenelse{\isundefined{\bx@AA}}{%
7566 \bidituftefloatDebugInfoNL{Adding 26 more float slots.}
7567 \newinsert\bx@AA

```



```

7568 \newinsert\bx@BB
7569 \newinsert\bx@CC
7570 \newinsert\bx@DD
7571 \newinsert\bx@EE
7572 \newinsert\bx@FF
7573 \newinsert\bx@GG
7574 \newinsert\bx@HH
7575 \newinsert\bx@II
7576 \newinsert\bx@JJ
7577 \newinsert\bx@KK
7578 \newinsert\bx@LL
7579 \newinsert\bx@MM
7580 \newinsert\bx@NN
7581 \newinsert\bx@OO
7582 \newinsert\bx@PP
7583 \newinsert\bx@QQ
7584 \newinsert\bx@RR
7585 \newinsert\bx@SS
7586 \newinsert\bx@TT
7587 \newinsert\bx@UU
7588 \newinsert\bx@VV
7589 \newinsert\bx@WW
7590 \newinsert\bx@XX
7591 \newinsert\bx@YY
7592 \newinsert\bx@ZZ
7593 \gdef\@freelist{\@elt\bx@A\@elt\bx@B\@elt\bx@C\@elt\bx@D\@elt\bx@E
7594 \@elt\bx@F\@elt\bx@G\@elt\bx@H\@elt\bx@I\@elt\bx@J
7595 \@elt\bx@K\@elt\bx@L\@elt\bx@M\@elt\bx@N
7596 \@elt\bx@O\@elt\bx@P\@elt\bx@Q\@elt\bx@R
7597 \@elt\bx@S\@elt\bx@T\@elt\bx@U\@elt\bx@V
7598 \@elt\bx@W\@elt\bx@X\@elt\bx@Y\@elt\bx@Z
7599 \@elt\bx@a\@elt\bx@b\@elt\bx@c\@elt\bx@d\@elt\bx@e
7600 \@elt\bx@f\@elt\bx@g\@elt\bx@h\@elt\bx@i\@elt\bx@j
7601 \@elt\bx@k\@elt\bx@l\@elt\bx@m\@elt\bx@n
7602 \@elt\bx@o\@elt\bx@p\@elt\bx@q\@elt\bx@r
7603 \@elt\bx@s\@elt\bx@t\@elt\bx@u\@elt\bx@v
7604 \@elt\bx@w\@elt\bx@x\@elt\bx@y\@elt\bx@z
7605 \@elt\bx@AA\@elt\bx@BB\@elt\bx@CC\@elt\bx@DD\@elt\bx@EE
7606 \@elt\bx@FF\@elt\bx@GG\@elt\bx@HH\@elt\bx@II\@elt\bx@JJ
7607 \@elt\bx@KK\@elt\bx@LL\@elt\bx@MM\@elt\bx@NN
7608 \@elt\bx@OO\@elt\bx@PP\@elt\bx@QQ\@elt\bx@RR
7609 \@elt\bx@SS\@elt\bx@TT\@elt\bx@UU\@elt\bx@VV
7610 \@elt\bx@WW\@elt\bx@XX\@elt\bx@YY\@elt\bx@ZZ}%
7611 }{%
7612 \biditytfloatError{You may only call \string\morefloats\space twice. See the\Message
7613 {There are already 78 float slots allocated. Try using \string\FloatBarrier\space or
7614 }%
7615 }%
7616 }
7617 \newboolean{@biditytfloat@packages@subfigure}
7618 \setboolean{@biditytfloat@packages@subfigure}{false}
7619 \AtBeginDocument{%
7620 \@ifpackageloaded{subfigure}
7621 {\GlobalSetBoolean{@biditytfloat@packages@subfigure}{true}}

```



```

7622     {\GlobalSetBoolean{@biditytfloat@packages@subfigure}{false}}%
7623 }
7624 \AtBeginDocument{%
7625   \ifpackageloaded{float}{%
7626     % Save the redefined float environment (instead of the LaTeX float environment)
7627     \let\@biditytfloat@orig@float\@float
7628     \let\@biditytfloat@orig@endfloat\end@float
7629
7630     % Define Tuftian float styles (with the caption in the margin)
7631     \newcommand{\floatc@biditytfloatplain}[2]{%
7632       \begin{lrbox}{\@biditytfloat@caption@box}%
7633         \begin{minipage}[\floatalignment]{\marginparwidth}\hbox{}%
7634           \@biditytfloat@caption@font{\@fs@cfont #1:} #2\par%
7635         \end{minipage}%
7636       \end{lrbox}%
7637       \smash{\hspace{\@biditytfloat@caption@fill}}\usebox{\@biditytfloat@caption@box}}%
7638   }
7639   \newcommand{\fs@biditytfloatplain}{%
7640     \def\@fs@cfont{\@biditytfloat@caption@font}%
7641     \let\@fs@capt\floatc@biditytfloatplain%
7642     \def\@fs@pre{}%
7643     \def\@fs@post{}%
7644     \def\@fs@mid{}%
7645     \let\@fs@iftopcapt\iftrue%
7646   }
7647   \let\fs@biditytfloatplaintop=\fs@biditytfloatplain
7648   \let\floatc@biditytfloatplaintop=\floatc@biditytfloatplain
7649   \newcommand\floatc@biditytfloatruled[2]{%
7650     {\@fs@cfont #1} #2\par%
7651   }
7652   \newcommand\fs@biditytfloatruled{%
7653     \def\@fs@cfont{\@biditytfloat@caption@font}%
7654     \let\@fs@capt\floatc@biditytfloatplain%
7655     \def\@fs@pre{\hrule height.8pt depth0pt width\textwidth \kern2pt}%
7656     \def\@fs@post{\kern2pt\hrule width\textwidth\relax}%
7657     \def\@fs@mid{}%
7658     \let\@fs@iftopcapt\iftrue%
7659   }
7660   \newcommand\fs@biditytfloatboxed{%
7661     \def\@fs@cfont{}%
7662     \let\@fs@capt\floatc@biditytfloatplain%
7663     \def\@fs@pre{%
7664       \setbox\@currbox\vbox{\hbadness10000
7665         \moveleft3.4pt\vbox{\advance\hsize by6.8pt
7666           \hrule \hbox to\hsize{\vrule\kern3pt
7667             \vbox{\kern3pt\box\@currbox\kern3pt}\kern3pt\vrule}\hrule}}
7668     }%
7669     \def\@fs@mid{\kern2pt}%
7670     \def\@fs@post{}%
7671     \let\@fs@iftopcapt\iftrue%
7672   }
7673 }{%
7674   % Nothing to do
7675 }

```



```

7676 }
7677 \AtBeginDocument{%
7678   \@ifpackageloaded{algorithm}{%
7679     % Set the float style to the TufTian version
7680     \ifthenelse{\equal{\ALG@floatstyle}{plain}}\OR\equal{\ALG@floatstyle}{ruled}\OR\equal{\ALG@floatstyle}{list}{%
7681       \bidituftefloatInfoNL{Switching algorithm float style from \ALG@floatstyle\MessageBreak to \ALG@floatstyle}%
7682       \floatstyle{\bidituftefloat\ALG@floatstyle}%
7683       \restylefloat{algorithm}%
7684     }{}%
7685   }{%
7686     % Nothing to do
7687   }
7688 }
7689 \PassOptionsToPackage{caption=false}{subfig}

```

## 54 File bidituftesidenote.sty

```

7690 \NeedsTeXFormat{LaTeX2e}
7691 \ProvidesPackage{biditytutesidenote}[2017/08/09 v0.4
7692 bidi implementation of tufte sidenote]
7693 \RequirePackage{xifthen}
7694 \RequirePackage{ragged2e}
7695 \RequirePackage{setspace}
7696 \RequirePackage{biditools}
7697 \def\biditytutesidenotemarginpar{%
7698   \ifhmode
7699     \@bsphack
7700     \@floatpenalty -\@Mii
7701   \else
7702     \@floatpenalty-\@Miii
7703   \fi
7704   \ifinner
7705     \@parmoderr
7706     \@floatpenalty\z@
7707   \else
7708     \@next\@currbox\@freelist{}-{}%
7709     \@next\@marbox\@freelist{\global\count\@marbox\m@ne}%
7710     {\@floatpenalty\z@
7711       \@fltovf\def\@currbox{\@tempboxa}\def\@marbox{\@tempboxa}}}%
7712   \fi
7713   \@ifnextchar [%\@biditytutesidenotexmpar\@biditytutesidenoteympar]
7714 \long\def\@biditytutesidenotexmpar[#1]#2{%
7715   \@biditytutesidenotesavemarbox\@marbox{#1}%
7716   \@biditytutesidenotesavemarbox\@currbox{#2}%
7717   \@xympar}
7718 \long\def\@biditytutesidenoteympar#1{%
7719   \@biditytutesidenotesavemarbox\@marbox{#1}%
7720   \global\setbox\@currbox\copy\@marbox
7721   \@xympar}
7722 \long\def \@biditytutesidenotesavemarbox #1#2{%
7723   \global\setbox #1%
7724     \color@vbox
7725     \vtop{%
7726       \hsize\marginparwidth

```



```

7727         \@parboxrestore
7728         \@bituftesidenotemarginparreset
7729         #2%
7730         \@minipagefalse
7731         \outer@nobreak
7732     }%
7733     \color@endbox
7734 }
7735 \def \@bituftesidenotemarginparreset {%
7736     \reset@font
7737     \normalsize
7738     \@minipagetrue
7739     \everypar{\@minipagefalse\everypar{}\if@RTL@footnote\beginR\else\beginL\fi}%
7740 }
7741 \def\LTRbituftesidenotemarginpar{%
7742     \ifhmode
7743         \@bsphack
7744         \@floatpenalty -\@Mii
7745     \else
7746         \@floatpenalty-\@Miii
7747     \fi
7748     \ifinner
7749         \@parmoderr
7750         \@floatpenalty\z@
7751     \else
7752         \@next\@currbox\@freelist{}\{}%
7753         \@next\@marbox\@freelist{\global\count\@marbox\m@ne}%
7754         {\@floatpenalty\z@
7755         \@fltovf\def\@currbox{\@tempboxa}\def\@marbox{\@tempboxa}}%
7756     \fi
7757     \ifnextchar [\@LTRbituftesidenotexmpar\@LTRbituftesidenoteympar}
7758 \long\def\@LTRbituftesidenotexmpar[#1]#2{%
7759     \@LTRbituftesidenotesavemarbox\@marbox{#1}%
7760     \@LTRbituftesidenotesavemarbox\@currbox{#2}%
7761     \@xympar}
7762 \long\def\@LTRbituftesidenoteympar#1{%
7763     \@LTRbituftesidenotesavemarbox\@marbox{#1}%
7764     \global\setbox\@currbox\copy\@marbox
7765     \@xympar}
7766 \long\def \@LTRbituftesidenotesavemarbox #1#2{%
7767     \global\setbox #1%
7768     \color@vbox
7769     \vtop{%
7770         \hsize\marginparwidth
7771         \@parboxrestore
7772         \@LTRbituftesidenotemarginparreset
7773         #2%
7774         \@minipagefalse
7775         \outer@nobreak
7776     }%
7777     \color@endbox
7778 }
7779 \def \@LTRbituftesidenotemarginparreset {%
7780     \reset@font

```



```

7781         \normalsize
7782         \@minipagetrue
7783         \everypar{\@minipagefalse\everypar{}\beginL}%
7784 }
7785 \def\RTLbidityftesidenotemarginpar{%
7786   \ifhmode
7787     \@bsphack
7788     \@floatpenalty -\@Mii
7789   \else
7790     \@floatpenalty-\@Miii
7791   \fi
7792   \ifinner
7793     \@parmoderr
7794     \@floatpenalty\z@
7795   \else
7796     \@next\@currbox\@freelist{}\{}%
7797     \@next\@marbox\@freelist{\global\count\@marbox\m@ne}%
7798     {\@floatpenalty\z@
7799       \@fltovf\def\@currbox{\@tempboxa}\def\@marbox{\@tempboxa}}%
7800   \fi
7801   \@ifnextchar [\@RTLbidityftesidenotexmpar\@RTLbidityftesidenoteympar}
7802 \long\def\@RTLbidityftesidenotexmpar[#1]#2{%
7803   \@RTLbidityftesidenotesavemarbox\@marbox{#1}%
7804   \@RTLbidityftesidenotesavemarbox\@currbox{#2}%
7805   \@xympar}
7806 \long\def\@RTLbidityftesidenoteympar#1{%
7807   \@RTLbidityftesidenotesavemarbox\@marbox{#1}%
7808   \global\setbox\@currbox\copy\@marbox
7809   \@xympar}
7810 \long\def \@RTLbidityftesidenotesavemarbox #1#2{%
7811   \global\setbox #1%
7812     \color@vbox
7813     \vtop{%
7814       \hsize\marginparwidth
7815       \@parboxrestore
7816       \@RTLbidityftesidenotemarginparreset
7817       #2%
7818       \@minipagefalse
7819       \outer@nobreak
7820     }%
7821   \color@endbox
7822 }
7823 \def \@RTLbidityftesidenotemarginparreset {%
7824   \reset@font
7825   \normalsize
7826   \@minipagetrue
7827   \everypar{\@minipagefalse\everypar{}\beginR}%
7828 }
7829 \newcommand*{\@bidityftesidenote@marginfont}{\normalfont\footnotesize}
7830 \newcommand*{\@bidityftesidenote@LTRmarginfont}{\normalfont\footnotesize}
7831 \newcommand*{\@bidityftesidenote@RTLmarginfont}{\normalfont\footnotesize}
7832 \newcommand*{\@bidityftesidenote@sidenote@font}{\@bidityftesidenote@marginfont}
7833 \newcommand*{\@bidityftesidenote@LTRsidenote@font}{\@bidityftesidenote@LTRmarginfont}
7834 \newcommand*{\@bidityftesidenote@RTLSidenote@font}{\@bidityftesidenote@RTLmarginfont}

```



```

7835 \newcommand*{\@bidityftesidenote@marginnote@font}{\@bidityftesidenote@marginfont}
7836 \newcommand*{\@bidityftesidenote@LTRmarginnote@font}{\@bidityftesidenote@LTRmarginfont}
7837 \newcommand*{\@bidityftesidenote@RTLmarginnote@font}{\@bidityftesidenote@RTLmarginfont}
7838 \newcommand*{\@bidityftesidenote@citation@font}{\@bidityftesidenote@marginfont}
7839 \newcommand*{\@bidityftesidenote@LTRcitation@font}{\@bidityftesidenote@LTRmarginfont}
7840 \newcommand*{\@bidityftesidenote@RTLcitation@font}{\@bidityftesidenote@RTLmarginfont}
7841 \newcommand*{\setsidenotefont}[1]{\renewcommand*{\@bidityftesidenote@sidenote@font}{#1}}
7842 \newcommand*{\setLTRsidenotefont}[1]{\renewcommand*{\@bidityftesidenote@LTRsidenote@font}{#1}}
7843 \newcommand*{\setRTLSidenotefont}[1]{\renewcommand*{\@bidityftesidenote@RTLSidenote@font}{#1}}
7844 \newcommand*{\setmarginnotefont}[1]{\renewcommand*{\@bidityftesidenote@marginnote@font}{#1}}
7845 \newcommand*{\setLTRmarginnotefont}[1]{\renewcommand*{\@bidityftesidenote@LTRmarginnote@font}{#1}}
7846 \newcommand*{\setRTLmarginnotefont}[1]{\renewcommand*{\@bidityftesidenote@RTLmarginnote@font}{#1}}
7847 \newcommand*{\setcitationfont}[1]{\renewcommand*{\@bidityftesidenote@citation@font}{#1}}
7848 \newcommand*{\setLTRcitationfont}[1]{\renewcommand*{\@bidityftesidenote@LTRcitation@font}{#1}}
7849 \newcommand*{\setRTLcitationfont}[1]{\renewcommand*{\@bidityftesidenote@RTLcitation@font}{#1}}
7850 \newcommand*{\@bidityftesidenote@sidenote@justification}{\@bidityftesidenote@justification@autodetect}
7851 \newcommand*{\@bidityftesidenote@marginnote@justification}{\@bidityftesidenote@justification@autodetect}
7852 \newcommand*{\@bidityftesidenote@citation@justification}{\@bidityftesidenote@justification@autodetect}
7853 \newcommand*{\@bidityftesidenote@justification@autodetect}{\justifying}%
7854 \newcommand{\@bidityftesidenote@margin@par}{%
7855   \setlength{\RaggedRightParindent}{0.5pc}%
7856   \setlength{\JustifyingParindent}{0.5pc}%
7857   \setlength{\parindent}{0.5pc}%
7858   \setlength{\parskip}{0pt}%
7859 }
7860 %%
7861 % Globally sets the length
7862 \@ifundefined{gsetlength}{%
7863 \newcommand*{gsetlength}[2]{%
7864   \setlength{#1}{#2}%
7865   \global#1=#1\relax%
7866 }%
7867 }{}
7868
7869 %%
7870 % A function that removes leading and trailing spaces from the supplied macro.
7871 % Based on code written by Michael Downes (See ``Around the Bend'', #15.)
7872 % Executing \@bidityftesidenote@trim@spaces\xyzzy will result in the contents of \xyzzy
7873 % being trimmed of leading and trailing white space.
7874 \catcode\Q=3
7875 \def\@bidityftesidenote@trim@spaces#1{%
7876   % Use grouping to emulate a multi-token afterassignment queue
7877   \begingroup%
7878   % Put ``\toks 0 {' into the afterassignment queue
7879   \aftergroup\toks\aftergroup0\aftergroup{%
7880     % Apply \trimb to the replacement text of #1, adding a leading
7881     % \noexpand to prevent brace stripping and to serve another purpose
7882     % later.
7883     \expandafter\@bidityftesidenote@trim@b\expandafter\noexpand#1\Q}%
7884   % Transfer the trimmed text back into #1.
7885   \edef#1{\the\toks0}%
7886 }
7887 % \trimb removes a trailing space if present, then calls \@bidityftesidenote@trim@c to
7888 % clean up any leftover bizarre Qs, and trim a leading space. In

```



```

7889 % order for \trimc to work properly we need to put back a Q first.
7890 \def\@bidityftesidenote@trim@b#1 Q{\@bidityftesidenote@trim@c#1Q}
7891 % Execute \vfuzz assignment to remove leading space; the \noexpand
7892 % will now prevent unwanted expansion of a macro or other expandable
7893 % token at the beginning of the trimmed text. The \endgroup will feed
7894 % in the \aftergroup tokens after the \vfuzz assignment is completed.
7895 \def\@bidityftesidenote@trim@c#1Q#2{\afterassignment\endgroup \vfuzz\the\vfuzz#1}
7896 \catcode\Q=11
7897 %%
7898 % Citations should go in the margin as sidenotes
7899
7900 \RequirePackage{natbib}
7901 \RequirePackage{bibentry} % allows bibitems to be typeset outside thebibliography env
7902 % Redefine the \BR@b@bibitem command to fix a bug with bibentry+chicago style
7903 \renewcommand\BR@b@bibitem[2] [] {%
7904   \ifthenelse{\isempty{#1}}{%
7905     {\BR@bibitem{#2}}%
7906     {\BR@bibitem{#1}{#2}}%
7907   \BR@c@bibitem{#2}%
7908 }
7909 \bidi@AtEndPreamble{\nobibliography*} % pre-loads the bibliography keys
7910 %%
7911 % Normal \cite behavior
7912 \newcounter{@bidityftesidenote@num@bibkeys}%
7913 \newcommand{\@bidityftesidenote@normal@cite}[2] [Opt] {%
7914   % Snag the last bibentry in the list for later comparison
7915   \let\@temp@last@bibkey\@empty%
7916   \@for\@temp@bibkey:=#2\do{\let\@temp@last@bibkey\@temp@bibkey}%
7917   \sidenote[] [#1] {%
7918     % Loop through all the bibentries, separating them with semicolons and spaces
7919     \normalsize\normalfont\@bidityftesidenote@citation@font%
7920     \setcounter{@bidityftesidenote@num@bibkeys}{0}%
7921     \@for\@temp@bibkeyx:=#2\do{%
7922       \ifthenelse{\equal{\@temp@last@bibkey}{\@temp@bibkeyx}}%
7923       {\ifthenelse{\equal{value{@bidityftesidenote@num@bibkeys}}{0}}{\and\ }%
7924        \@bidityftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
7925        \bibentry{\@temp@bibkeyx}}%
7926       {\@bidityftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
7927        \bibentry{\@temp@bibkeyx};\ }%
7928     \stepcounter{@bidityftesidenote@num@bibkeys}%
7929   }%
7930 }%
7931 }
7932 \newcommand{\@bidityftelTRsidenote@normal@cite}[2] [Opt] {%
7933   % Snag the last bibentry in the list for later comparison
7934   \let\@temp@last@bibkey\@empty%
7935   \@for\@temp@bibkey:=#2\do{\let\@temp@last@bibkey\@temp@bibkey}%
7936   \LTRsidenote[] [#1] {%
7937     % Loop through all the bibentries, separating them with semicolons and spaces
7938     \normalsize\normalfont\@bidityftesidenote@LTRcitation@font%
7939     \setcounter{@bidityftesidenote@num@bibkeys}{0}%
7940     \@for\@temp@bibkeyx:=#2\do{%
7941       \ifthenelse{\equal{\@temp@last@bibkey}{\@temp@bibkeyx}}%
7942       {\ifthenelse{\equal{value{@bidityftesidenote@num@bibkeys}}{0}}{\and\ }%

```



```

7943         \@bidityftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
7944         \bibentry{\@temp@bibkeyx}}%
7945         {\@bidityftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
7946         \bibentry{\@temp@bibkeyx};\ }%
7947         \stepcounter{\@bidityftesidenote@num@bibkeys}%
7948     }%
7949 }%
7950 }
7951 \newcommand{\@bidityfteRTLsidenote@normal@cite}[2][Opt]{%
7952 % Snag the last bibentry in the list for later comparison
7953 \let\@temp@last@bibkey\@empty%
7954 \@for\@temp@bibkey:=#2\do{\let\@temp@last@bibkey\@temp@bibkey}%
7955 \RTLsidenote[#1]{%
7956 % Loop through all the bibentries, separating them with semicolons and spaces
7957 \normalsize\normalfont\@bidityftesidenote@citation@font%
7958 \setcounter{\@bidityftesidenote@num@bibkeys}{0}%
7959 \@for\@temp@bibkeyx:=#2\do{%
7960 \ifthenelse{\equal{\@temp@last@bibkey}{\@temp@bibkeyx}}%
7961 {\ifthenelse{\equal{\value{\@bidityftesidenote@num@bibkeys}}{0}}{\and\ }%
7962 \@bidityftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
7963 \bibentry{\@temp@bibkeyx}}%
7964 {\@bidityftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
7965 \bibentry{\@temp@bibkeyx};\ }%
7966 \stepcounter{\@bidityftesidenote@num@bibkeys}%
7967 }%
7968 }%
7969 }
7970 %%
7971 % Macros for holding the list of cite keys until after the \sidenote
7972 \gdef\@bidityftesidenote@citations{}% list of cite keys
7973 \newcommand\@bidityftesidenote@add@citation[1]{\relax% adds a new bibkey to the list of cite
7974 \ifx\@bidityftesidenote@citations\@empty\else
7975 \g@addto@macro\@bidityftesidenote@citations{,}% separate by commas
7976 \fi
7977 \g@addto@macro\@bidityftesidenote@citations{#1}
7978 }
7979 \newcommand{\@bidityftesidenote@print@citations}[1][Opt]{% puts the citations in a margin no
7980 % Snag the last bibentry in the list for later comparison
7981 \let\@temp@last@bibkey\@empty%
7982 \@for\@temp@bibkey:=\@bidityftesidenote@citations\do{\let\@temp@last@bibkey\@temp@bibkey}%
7983 \marginpar{%
7984 \hbox{\vspace*{#1}%
7985 \@bidityftesidenote@citation@font%
7986 \@bidityftesidenote@citation@justification%
7987 \@bidityftesidenote@margin@par% use parindent and parskip settings for marginal text
7988 \vspace*{-1\baselineskip}}%
7989 % Loop through all the bibentries, separating them with semicolons and spaces
7990 \setcounter{\@bidityftesidenote@num@bibkeys}{0}%
7991 \@for\@temp@bibkeyx:=\@bidityftesidenote@citations\do{%
7992 \ifthenelse{\equal{\@temp@last@bibkey}{\@temp@bibkeyx}}%
7993 {\ifthenelse{\equal{\value{\@bidityftesidenote@num@bibkeys}}{0}}{\and\ }%
7994 \@bidityftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
7995 \bibentry{\@temp@bibkeyx}}%
7996 {\@bidityftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey

```



```

7997         \bibentry{\@temp@bibkeyx};\ }%
7998         \stepcounter{@bidityftesidenote@num@bibkeys}%
7999     }%
8000 }%
8001 }
8002 %%
8003 % \cite behavior when executed within a sidenote
8004 \newcommand{\@bidityftesidenote@sidenote@citations}{}% contains list of \cites in sidenote
8005 \newcommand{\@bidityftesidenote@infootnote@cite}[1]{%
8006     \@bidityftesidenote@add@citation{#1}
8007 }
8008 %%
8009 % Set the default \cite style. This is set and reset by the \sidenote command.
8010 \let\cite\@bidityftesidenote@normal@cite
8011 \let\LTRcite\@bidityftelTRsidenote@normal@cite
8012 \let\RTLcite\@bidityfteRTLsidenote@normal@cite
8013 %%
8014 % Transform existing \footnotes into \sidenotes
8015 % Sidenote: ``Where God meant footnotes to go.''' ---bidityftesidenote
8016 \RequirePackage{optparams}% for our new sidenote commands -- provides multiple optional arguments
8017 \providecommand{\footnotelayout}{\@bidityftesidenote@sidenote@font\@bidityftesidenote@sidenote@font}
8018 \renewcommand{\footnotelayout}{\@bidityftesidenote@sidenote@font\@bidityftesidenote@sidenote@font}
8019 % Override footmisc's definition to set the sidenote marks (numbers) inside the
8020 % sidenote's text block.
8021 \bidi@patch@AfterPackage{bidi}{\long\def\@makefnmark{\@textsuperscript{\@bidityftesidenote@mark}}}%
8022 % Set the in-text footnote mark in the same typeface as the body text itself.
8023 \bidi@patch@AfterPackage{bidi}{\def\@makefnmark{\hbox{\@textsuperscript{\normalfont\footnotemark}}}}%
8024 \providecommand*\multiplefootnotemark{\@bidityftesidenote@mark}
8025 \providecommand*\multifootsep{\@bidityftesidenote@sep}
8026 \bidi@patch@AfterPackage{bidi}{%
8027 \renewcommand{\@footnotemark}{%
8028     \leavevmode%
8029     \ifhmode%
8030         \edef\@x@sf{\the\spacefactor}%
8031         \@bidityftesidenote@check@multiple@sidenotes%
8032         \nobreak%
8033     \fi%
8034     \@makefnmark%
8035     \ifhmode\spacefactor\@x@sf\fi%
8036     \relax%
8037 }%
8038 }
8039 \newcommand{\@bidityftesidenote@check@multiple@sidenotes}{%
8040     \ifdim\lastkern=\multiplefootnotemark\relax%
8041         \edef\@x@sf{\the\spacefactor}%
8042         \unkern%
8043         \textsuperscript{\multifootsep}%
8044         \spacefactor\@x@sf\relax%
8045     \fi
8046 }
8047 \bidi@patch@AfterPackage{bidi}{%
8048 \renewcommand\@footnotetext[2][0pt]{%
8049     \bidityftesidenotemarginpar{%
8050         \hbox{\vspace*{#1}}%

```



```

8051 \def\baselinestretch {\setspace@singlespace}%
8052 \reset@font%
8053 \bidi@@footnotetext@font% \reset@font\footnotesize%
8054 \@bidityftesidenote@margin@par% use parindent and parskip settings for marginal text
8055 \vspace*{-1\baselineskip}\noindent%
8056 \protected@edef\@currentlabel{%
8057     \csname p@footnote\endcsname\@thefnmark%
8058 }%
8059 \color@begingroup%
8060     \@makefntext{%
8061         \ignorespaces#2%
8062     }%
8063 \color@endgroup%
8064 }%
8065 }%
8066 \renewcommand\@LTRfootnotetext[2][0pt]{%
8067 \LTRbidityftesidenotemarginpar{%
8068     \hbox{}\vspace*{#1}%
8069     \def\baselinestretch {\setspace@singlespace}%
8070     \reset@font%
8071     \bidi@@LTRfootnotetext@font% \reset@font\footnotesize%
8072     \@bidityftesidenote@margin@par% use parindent and parskip settings for marginal text
8073     \vspace*{-1\baselineskip}\noindent%
8074     \protected@edef\@currentlabel{%
8075         \csname p@footnote\endcsname\@thefnmark%
8076     }%
8077     \color@begingroup%
8078         \@makefntext{%
8079             \ignorespaces#2%
8080         }%
8081     \color@endgroup%
8082 }%
8083 }%
8084 \renewcommand\@RTLfootnotetext[2][0pt]{%
8085 \RTLbidityftesidenotemarginpar{%
8086     \hbox{}\vspace*{#1}%
8087     \def\baselinestretch {\setspace@singlespace}%
8088     \reset@font%
8089     \bidi@@RTLfootnotetext@font% \reset@font\footnotesize%
8090     \@bidityftesidenote@margin@par% use parindent and parskip settings for marginal text
8091     \vspace*{-1\baselineskip}\noindent%
8092     \protected@edef\@currentlabel{%
8093         \csname p@footnote\endcsname\@thefnmark%
8094     }%
8095     \color@begingroup%
8096         \@makefntext{%
8097             \ignorespaces#2%
8098         }%
8099     \color@endgroup%
8100 }%
8101 }%
8102 }
8103 %
8104 % Define \sidenote command. Can handle \cite.

```



```

8105 \newlength{\@bidityftesidenote@sidenote@vertical@offset}
8106 \setlength{\@bidityftesidenote@sidenote@vertical@offset}{0pt}
8107 % #1 = footnote num, #2 = vertical offset, #3 = footnote text
8108 \long\def\@bidityftesidenote@sidenote[#1][#2]#3{%
8109   \let\cite\@bidityftesidenote@infootnote@cite%   use the in-sidenote \cite command
8110   \gdef\@bidityftesidenote@citations{}%           clear out any old citations
8111   \ifthenelse{\NOT\isempty{#2}}{%
8112     \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{#2}%
8113   }{%
8114     \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{0pt}%
8115   }%
8116   \ifthenelse{\isempty{#1}}{%
8117     % no specific footnote number provided
8118     \stepcounter\@mpfn%
8119     \protected@xdef\@thefnmark{\thempfn}%
8120     \@footnotemark\@footnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%
8121   }{%
8122     % specific footnote number provided
8123     \begingroup%
8124       \csname c@\@mpfn\endcsname #1\relax%
8125       \unrestored@protected@xdef\@thefnmark{\thempfn}%
8126     \endgroup%
8127     \@footnotemark\@footnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%
8128   }%
8129   \@bidityftesidenote@print@citations%             print any citations
8130   \let\cite\@bidityftesidenote@normal@cite%        go back to using normal in-text \cite comm
8131   \let\LTRcite\@bidityfteLTRsidenote@normal@cite%  go back to using normal in-text \LTR
8132   \let\RTLcite\@bidityfteRTLsidenote@normal@cite%  go back to using normal in-text \RTL
8133   \unskip\ignorespaces%                           remove extra white space
8134   \kern-\multiplefootnotemark%                     remove \kern left behind by sidenote
8135   \kern\multiplefootnotemark\relax%                add new \kern here to replace the one we yanked
8136 }
8137 \long\def\@LTRbidityftesidenote@sidenote[#1][#2]#3{%
8138   \let\cite\@bidityftesidenote@infootnote@cite%   use the in-sidenote \cite command
8139   \gdef\@bidityftesidenote@citations{}%           clear out any old citations
8140   \ifthenelse{\NOT\isempty{#2}}{%
8141     \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{#2}%
8142   }{%
8143     \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{0pt}%
8144   }%
8145   \ifthenelse{\isempty{#1}}{%
8146     % no specific footnote number provided
8147     \stepcounter\@mpfn%
8148     \protected@xdef\@thefnmark{\thempfn}%
8149     \@footnotemark\@LTRfootnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%
8150   }{%
8151     % specific footnote number provided
8152     \begingroup%
8153       \csname c@\@mpfn\endcsname #1\relax%
8154       \unrestored@protected@xdef\@thefnmark{\thempfn}%
8155     \endgroup%
8156     \@footnotemark\@LTRfootnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%
8157   }%
8158   \@bidityftesidenote@print@citations%             print any citations

```



```

8159 \let\cite\@bidityftesidenote@normal@cite%      go back to using normal in-text \cite comm
8160 \let\LTRcite\@bidityfteLTRsidenote@normal@cite%  go back to using normal in-text \LTR
8161 \let\RTLcite\@bidityfteRTLsidenote@normal@cite%  go back to using normal in-text \RTL
8162 \unskip\ignorespaces%                          remove extra white space
8163 \kern-\multiplefootnotemarker%                  remove \kern left behind by sidenote
8164 \kern\multiplefootnotemarker\relax% add new \kern here to replace the one we yanked
8165 }
8166 \long\def\@RTLbidityftesidenote@sidenote[#1][#2]#3{%
8167 \let\cite\@bidityftesidenote@infootnote@cite%  use the in-sidenote \cite command
8168 \gdef\@bidityftesidenote@citations{}%          clear out any old citations
8169 \ifthenelse{\NOT\isempty{#2}}{%
8170 \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{#2}%
8171 }{%
8172 \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{0pt}%
8173 }%
8174 \ifthenelse{\isempty{#1}}{%
8175 % no specific footnote number provided
8176 \stepcounter\@mpfn%
8177 \protected@xdef\@thefnmark{\thempfn}%
8178 \@footnotemark\@RTLfootnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%
8179 }{%
8180 % specific footnote number provided
8181 \begingroup%
8182 \csname c\@mpfn\endcsname #1\relax%
8183 \unrestored@protected@xdef\@thefnmark{\thempfn}%
8184 \endgroup%
8185 \@footnotemark\@RTLfootnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%
8186 }%
8187 \@bidityftesidenote@print@citations%            print any citations
8188 \let\cite\@bidityftesidenote@normal@cite%      go back to using normal in-text \cite comm
8189 \let\LTRcite\@bidityfteLTRsidenote@normal@cite% go back to using normal in-text \LTR
8190 \let\RTLcite\@bidityfteRTLsidenote@normal@cite% go back to using normal in-text \RTL
8191 \unskip\ignorespaces%                          remove extra white space
8192 \kern-\multiplefootnotemarker%                  remove \kern left behind by sidenote
8193 \kern\multiplefootnotemarker\relax% add new \kern here to replace the one we yanked
8194 }
8195 \newcommand{\sidenote}{\optparams{\@bidityftesidenote@sidenote}{[] [Opt]}}
8196 \newcommand{\LTRsidenote}{\optparams{\@LTRbidityftesidenote@sidenote}{[] [Opt]}}
8197 \newcommand{\RTLsidenote}{\optparams{\@RTLbidityftesidenote@sidenote}{[] [Opt]}}
8198 \bidi@patch@AfterPackage{bidi}{%
8199 \renewcommand{\footnote}{\optparams{\@bidityftesidenote@sidenote}{[] [Opt]}}%
8200 \renewcommand{\LTRfootnote}{\optparams{\@LTRbidityftesidenote@sidenote}{[] [Opt]}}%
8201 \renewcommand{\RTLfootnote}{\optparams{\@RTLbidityftesidenote@sidenote}{[] [Opt]}}%
8202 }
8203 %%
8204 % Sidenote without the footnote mark
8205 \newcommand\marginnote[2][Opt]{%
8206 \let\cite\@bidityftesidenote@infootnote@cite%  use the in-sidenote \cite command
8207 \gdef\@bidityftesidenote@citations{}%          clear out any old citations
8208 \bidityftesidenotemarginpar{\hbox{}vspace*{#1}\@bidityftesidenote@marginnote@font\@bidity
8209 \@bidityftesidenote@print@citations%            print any citations
8210 \let\cite\@bidityftesidenote@normal@cite%      go back to using normal in-text \cite comm
8211 \let\LTRcite\@bidityfteLTRsidenote@normal@cite% go back to using normal in-text \LTR
8212 \let\RTLcite\@bidityfteRTLsidenote@normal@cite% go back to using normal in-text \RTL

```



```

8213 }
8214 \newcommand\LTRmarginnote[2][Opt]{%
8215   \let\cite\@bidityftesidenote@infootnote@cite%   use the in-sidenote \cite command
8216   \gdef\@bidityftesidenote@citations{}%           clear out any old citations
8217   \LTRbidityftesidenotemarginpar{\hbox{}}\vspace*{#1}\@bidityftesidenote@LTRmarginnote@font\@
8218   \@bidityftesidenote@print@citations%             print any citations
8219   \let\cite\@bidityftesidenote@normal@cite%         go back to using normal in-text \cite comm
8220   \let\LTRcite\@bidityfteLTRsidenote@normal@cite%   go back to using normal in-text \LTR
8221   \let\RTLcite\@bidityfteRTLsidenote@normal@cite%    go back to using normal in-text \RTL
8222 }
8223 \newcommand\RTLmarginnote[2][Opt]{%
8224   \let\cite\@bidityftesidenote@infootnote@cite%   use the in-sidenote \cite command
8225   \gdef\@bidityftesidenote@citations{}%           clear out any old citations
8226   \RTLbidityftesidenotemarginpar{\hbox{}}\vspace*{#1}\@bidityftesidenote@RTLmarginnote@font\@
8227   \@bidityftesidenote@print@citations%             print any citations
8228   \let\cite\@bidityftesidenote@normal@cite%         go back to using normal in-text \cite comm
8229   \let\LTRcite\@bidityfteLTRsidenote@normal@cite%   go back to using normal in-text \LTR
8230   \let\RTLcite\@bidityfteRTLsidenote@normal@cite%    go back to using normal in-text \RTL
8231 }

```

## 55 File bidityftetoc.sty

```

8232 \NeedsTeXFormat{LaTeX2e}
8233 \ProvidesPackage{bidityftetoc}[2011/06/17 v0.1
8234 bidi implementation of tufte toc]
8235 \RequirePackage{titlesec,titletoc,xifthen,biditytools}
8236 \newcommand{\@bidityftetoc@pkgname}{bidityftetoc}
8237 \newcommand{\@bidityftetocError}[2]{\PackageError{\@bidityftetoc@pkgname}{#1}{#2}}
8238 %%
8239 % Turn off section numbering
8240 \setcounter{secnumdepth}{-1}
8241 \newboolean{@bidityftetoc@toc}
8242 \setboolean{@bidityftetoc@toc}{true}
8243 \DeclareOption{notoc}{\setboolean{@bidityftetoc@toc}{false}}
8244 \DeclareOption{toc}{\setboolean{@bidityftetoc@toc}{true}}
8245 \ProcessOptions
8246 %%
8247 % Make Tuftean-style section headings and TOC formatting
8248 \bidi@patch@AfterPackage{bidi}{%
8249 \titleformat{\chapter}%
8250   [display]% shape
8251   {\relax\ifthenelse{\NOT\boolean{@bidityftefloat@symmetric}}{\begin{fullwidth}}{}}% format
8252   {\itshape\huge\thechapter}% label
8253   {Opt}% horizontal separation between label and title body
8254   {\huge\rmfamily\itshape}% before the title body
8255   [\ifthenelse{\NOT\boolean{@bidityftefloat@symmetric}}{\end{fullwidth}}{}}% after the title
8256 \titleformat{\section}%
8257   [hang]% shape
8258   {\normalfont\Large\itshape}% format applied to label+text
8259   {\thesection}% label
8260   {1em}% horizontal separation between label and title body
8261   {}% before the title body
8262   []% after the title body
8263 \titleformat{\subsection}%

```



```

8264 [hang]% shape
8265 {\normalfont\large\itshape}% format applied to label+text
8266 {\thesubsection}% label
8267 {1em}% horizontal separation between label and title body
8268 {}% before the title body
8269 []% after the title body
8270 \titleformat{\paragraph}%
8271 [runin]% shape
8272 {\normalfont\itshape}% format applied to label+text
8273 {\theparagraph}% label
8274 {1em}% horizontal separation between label and title body
8275 {}% before the title body
8276 []% after the title body
8277 \titlespacing*{\chapter}{0pt}{50pt}{40pt}
8278 \titlespacing*{\section}{0pt}{3.5ex plus 1ex minus .2ex}{2.3ex plus .2ex}
8279 \titlespacing*{\subsection}{0pt}{3.25ex plus 1ex minus .2ex}{1.5ex plus .2ex}
8280 }
8281 % Subsubsection and following section headings shouldn't be used.
8282 % See Bringhurst's _The Elements of Typography_, section 4.2.2.
8283 \renewcommand\subsubsection{%
8284   \biditytetocError{\noexpand\subsubsection is undefined by this class.%
8285     \MessageBreak See Robert Bringhurst's _The Elements of
8286     \MessageBreak Typographic Style_, section 4.2.2.
8287     \MessageBreak \noexpand\subsubsection was used}
8288     {From Bringhurst's _The Elements of Typographic Style_, section 4.2.2: Use as
8289     \MessageBreak many levels of headings as you need, no more and no fewer. Also see the m
8290     \MessageBreak related threads on Ask E.T. at http://www.edwardbiditytetoc.com/.}
8291 }
8292 \renewcommand\subparagraph{%
8293   \biditytetocError{\noexpand\subparagraph is undefined by this class.%
8294     \MessageBreak See Robert Bringhurst's _The Elements of
8295     \MessageBreak Typographic Style_, section 4.2.2.
8296     \MessageBreak \noexpand\subparagraph was used}
8297     {From Bringhurst's _The Elements of Typographic Style_, section 4.2.2: Use as
8298     \MessageBreak many levels of headings as you need, no more and no fewer. Also see the m
8299     \MessageBreak related threads on Ask E.T. at http://www.edwardbiditytetoc.com/.}
8300 }
8301 % Formatting for main TOC (printed in front matter)
8302 % {section} [left] {above} {before w/label} {before w/o label} {filler + page} [after]
8303 \ifthenelse{\boolean{@biditytetoc@toc}}{%
8304   \bidi@patch@AfterPackage{bidi}{%
8305     \titlecontents{part}% FIXME
8306     [0em] % distance from left margin
8307     {\vspace{1.5\baselineskip}\begin{fullwidth}\LARGE\rmfamily\itshape} % above (global form
8308     {\contentslabel{2em}} % before w/label (label = ``II'')
8309     {} % before w/o label
8310     {\rmfamily\upshape\qqquad\thecontentspage} % filler + page (leaders and page num)
8311     [\end{fullwidth}] % after
8312     \titlecontents{chapter}%
8313     [0em] % distance from left margin
8314     {\vspace{1.5\baselineskip}\begin{fullwidth}\LARGE\rmfamily\itshape} % above (global form
8315     {\hspace*{0em}\contentslabel{2em}} % before w/label (label = ``2'')
8316     {\hspace*{0em}} % before w/o label
8317     {\rmfamily\upshape\qqquad\thecontentspage} % filler + page (leaders and page num)

```



```

8318    [\end{fullwidth}] % after
8319 \titlecontents{section}% FIXME
8320    [0em] % distance from left margin
8321    {\vspace{0\baselineskip}\begin{fullwidth}\Large\rmfamily\itshape} % above (global format
8322    {\hspace*{2em}\contentslabel{2em}} % before w/label (label = ``2.6'')
8323    {\hspace*{2em}} % before w/o label
8324    {\rmfamily\upshape\qqquad\thecontentspage} % filler + page (leaders and page num)
8325    [\end{fullwidth}] % after
8326 \titlecontents{subsection}% FIXME
8327    [0em] % distance from left margin
8328    {\vspace{0\baselineskip}\begin{fullwidth}\large\rmfamily\itshape} % above (global format
8329    {\hspace*{4em}\contentslabel{4em}} % before w/label (label = ``2.6.1'')
8330    {\hspace*{4em}} % before w/o label
8331    {\rmfamily\upshape\qqquad\thecontentspage} % filler + page (leaders and page num)
8332    [\end{fullwidth}] % after
8333 \titlecontents{paragraph}% FIXME
8334    [0em] % distance from left margin
8335    {\vspace{0\baselineskip}\begin{fullwidth}\normalsize\rmfamily\itshape} % above (global f
8336    {\hspace*{6em}\contentslabel{2em}} % before w/label (label = ``2.6.0.0.1'')
8337    {\hspace*{6em}} % before w/o label
8338    {\rmfamily\upshape\qqquad\thecontentspage} % filler + page (leaders and page num)
8339    [\end{fullwidth}] % after
8340 }%
8341 }{}
8342 %%
8343 % Format lists of figures/tables
8344 \renewcommand\listoffigures{%
8345   \@ifundefined{chapter}%
8346     {\section*{\listfigurename}}%
8347     {\chapter*{\listfigurename}}%
8348 % \begin{fullwidth}%
8349   \@starttoc{lof}%
8350 % \end{fullwidth}%
8351 }
8352 \renewcommand\listoftables{%
8353   \@ifundefined{chapter}%
8354     {\section*{\listtablename}}%
8355     {\chapter*{\listtablename}}%
8356 % \begin{fullwidth}%
8357   \@starttoc{lot}%
8358 % \end{fullwidth}%
8359 }
8360 \newcommand{\@biditytetoc@lof@line}[2]{%
8361   % #1 is the figure/table number and its caption text
8362   % #2 is the page number on which the figure/table appears
8363   \leftskip 0.0em
8364   \rightskip 0em
8365   \parfillskip 0em plus 1fil
8366   \parindent 0.0em
8367   \@afterindenttrue
8368   \interlinepenalty\@M
8369   \leavevmode
8370   \@tempdima 2.0em
8371   \if@RTL\advance\rightskip\@tempdima\else\advance\leftskip\@tempdima\fi

```



```

8372 \null\nobreak\hskip -\if@RTL\righskip\else\leftskip\fi
8373 {#1}\nobreak\qqquad\nobreak#2%
8374 \par%
8375 }
8376 \renewcommand*\l@figure{\@bidityftoc@lof@line}
8377 \let\l@table\l@figure

```

## 56 File `bidituftegeneralstructure.sty`

```

8378 \NeedsTeXFormat{LaTeX2e}
8379 \ProvidesPackage{bidituftegeneralstructure}[2011/06/18 v0.1
8380 bidi implementation of tufte general structure]
8381 \renewcommand\small{%
8382   \@setfontsize\small\@ixpt{12}%
8383   \abovedisplayskip 8.5\p@ \@plus3\p@ \@minus4\p@
8384   \abovedisplayshortskip \z@ \@plus2\p@
8385   \belowdisplayshortskip 4\p@ \@plus2\p@ \@minus2\p@
8386   \def\@listi{\leftmargin\leftmargini
8387     \topsep 4\p@ \@plus2\p@ \@minus2\p@
8388     \parsep 2\p@ \@plus\p@ \@minus\p@
8389     \itemsep \parsep}%
8390   \belowdisplayskip \abovedisplayskip
8391 }
8392 \renewcommand\scriptsize{\@setfontsize\scriptsize\@viipt\@viipt}
8393 \renewcommand\tiny{\@setfontsize\tiny\@vpt\@vpt}
8394 \renewcommand\large{\@setfontsize\large\@xipt{15}}
8395 \renewcommand\Large{\@setfontsize\Large\@xiipt{16}}
8396 \renewcommand\LARGE{\@setfontsize\LARGE\@xivpt{18}}
8397 \renewcommand\huge{\@setfontsize\huge\@xxpt{30}}
8398 \renewcommand\Huge{\@setfontsize\Huge{24}{36}}
8399 \setlength\leftmargini {1pc}
8400 \setlength\leftmarginii {1pc}
8401 \setlength\leftmarginiii {1pc}
8402 \setlength\leftmarginiv {1pc}
8403 \setlength\leftmarginv {1pc}
8404 \setlength\leftmarginvi {1pc}
8405 \setlength\labelsep {.5pc}
8406 \setlength\labelwidth {\leftmargini}
8407 \addtolength\labelwidth{-\labelsep}
8408 \setlength{\parindent}{1.0pc}%
8409 \setlength{\parskip}{0pt}%
8410 \RequirePackage{ragged2e}
8411 \setlength{\RaggedRightRightskip}{\z@ plus 0.08\hsize}
8412 % Paragraph indentation and separation for normal text
8413 \newcommand{\@bidityftegeneralstructure@reset@par}{%
8414   \setlength{\RaggedRightParindent}{1.0pc}%
8415   \setlength{\JustifyingParindent}{1.0pc}%
8416   \setlength{\parindent}{1pc}%
8417   \setlength{\parskip}{0pt}%
8418 }
8419 \@bidityftegeneralstructure@reset@par
8420 % Require paralist package for tighter lists
8421 \RequirePackage{paralist}
8422 % Add rightmargin to compactenum

```



```

8423 \def\@compactenum@{%
8424   \expandafter\list\csname label\@enumctr\endcsname{%
8425     \usecounter{\@enumctr}%
8426     \rightmargin=2em% added this
8427     \parsep\plparsep
8428     \itemsep\plitemsep
8429     \topsep\pltopsep
8430     \partopsep\plpartopsep
8431     \def\makelabel##1{\hss\llap{##1}}}}
8432 %%
8433 % An environment for paragraph-style section
8434 \providecommand\newthought[1]{%
8435   \addvspace{1.0\baselineskip plus 0.5ex minus 0.2ex}%
8436   \noindent\textbf{#1}%
8437 }
8438 %%
8439 % Redefine the display environments (quote, quotation, etc.)
8440 \renewenvironment{verse}
8441   {\let\\ \@centercr
8442    \list{}\{\itemsep      \z@
8443              \itemindent  -1pc%
8444              \listparindent\itemindent
8445              \rightmargin \leftmargin
8446              \advance\leftmargin 1pc}%
8447    \small%
8448    \item\relax}
8449   {\endlist}
8450 \renewenvironment{quotation}
8451   {\list{}\{\listparindent 1pc%
8452              \itemindent    \listparindent
8453              \rightmargin    \leftmargin
8454              \parsep         \z@ \@plus\p@}%
8455    \small%
8456    \item\relax\noindent\ignorespaces}
8457   {\endlist}
8458 \renewenvironment{quote}
8459   {\list{}\{\rightmargin\leftmargin}%
8460    \small%
8461    \item\relax}
8462   {\endlist}
8463 % Italicize description run-in headings (instead of the default bold)
8464 \renewcommand*\descriptionlabel[1]{\hspace\labelsep\normalfont\em #1}
8465 %%
8466 % Redefine \bibsection to not mark the running heads.
8467 % (Code modified from natbib.sty.)
8468 \@ifundefined{chapter}%
8469   {\renewcommand\bibsection{\section*{\refname}}}
8470   {\@ifundefined{NAT@sectionbib}%
8471     {\renewcommand\bibsection{\chapter{\bibname}}}
8472     {\renewcommand\bibsection{\section*{\bibname}}}}
8473 \RequirePackage{multicol}
8474 \renewenvironment{theindex}{%
8475   \@ifundefined{chapter}%
8476     {\section*{\indexname}}%

```



```

8477     {\chapter{\indexname}}%
8478 \begin{fullwidth}%
8479 \small%
8480 \parskip0pt%
8481 \parindent0pt%
8482 \let\item\@idxitem%
8483 \begin{multicols}{3}%
8484 }{%
8485 \end{multicols}%
8486 \end{fullwidth}%
8487 }
8488 \AtBeginDocument{%
8489 \renewcommand\@idxitem{\par\hangindent \if@RTL-\fi2em}%
8490 \renewcommand\subitem{\par\hangindent \if@RTL-\fi3em\hspace*{1em}}%
8491 \renewcommand\subsubitem{\par\hangindent \if@RTL-\fi4em\hspace*{2em}}%
8492 \renewcommand\indexspace{\par\addvspace{1.0\baselineskip plus 0.5ex minus 0.2ex}\relax}%
8493 \newcommand{\lettergroup}[1]{}% swallow the letter heading in the index

```

## 57 File `bidituftehyperref.sty`

```

8494 \NeedsTeXFormat{LaTeX2e}
8495 \ProvidesPackage{bidituftehyperref}[2011/06/18 v0.1
8496 bidi implementation of tufte hyperref]
8497 %%
8498 % Color
8499 \RequirePackage[usenames,dvipsnames,svgnames]{xcolor}%
8500 \newboolean{@bidituftehyperref@loadhyper}
8501 \setboolean{@bidituftehyperref@loadhyper}{true}
8502 \DeclareOption{hyper}{\setboolean{@bidituftehyperref@loadhyper}{true}}
8503 \DeclareOption{nohyper}{\setboolean{@bidituftehyperref@loadhyper}{false}}
8504 \ProcessOptions
8505 %% Loads the hyperref package and sets some default options.
8506 \newcommand{\bidituftehyperrefLoadHyperref}{%
8507 \RequirePackage[hyperfootnotes=false,colorlinks=true]{hyperref}
8508 \hypersetup{%
8509     bookmarksdepth = section,
8510     citecolor = DarkGreen,
8511     linkcolor = DarkBlue,
8512 %    pagecolor = DarkBlue,
8513     urlcolor = DarkGreen,
8514 }%
8515 }
8516 \ifthenelse{\boolean{@bidituftehyperref@loadhyper}}{%
8517 \bidituftehyperrefLoadHyperref%
8518 }{% hyperfootnotes override our modifications to the \footnote* and \@footnote* commands.
8519 \PassOptionsToPackage{hyperfootnotes=false}{hyperref}
8520 }

```

## 58 File `bidituftetitle.sty`

```

8521 \NeedsTeXFormat{LaTeX2e}
8522 \ProvidesPackage{bidituftetitle}[2011/06/18 v0.1
8523 bidi implementation of tufte title]
8524 \RequirePackage{biditools}

```



```

8525 %%
8526 % `titlepage' option -- creates a full title page with \maketitle
8527 \newboolean{@bidityttitle@titlepage}
8528 \DeclareOption{titlepage}{\setboolean{@bidityttitle@titlepage}{true}}
8529 \DeclareOption{notitlepage}{\setboolean{@bidityttitle@titlepage}{false}}
8530 % Default `book' and `handout' options
8531 \@ifclassloaded{book}{%
8532 \ExecuteOptions{titlepage}}{%
8533 \@ifclassloaded{article}{%
8534 \ExecuteOptions{notitlepage}}%
8535 {}}
8536 \ProcessOptions
8537 %%
8538 % Modified \title, \author, and \date commands. These store the
8539 % (footnote-less) values in \plaintitle, \plainauthor, and \thedata, respectively.
8540 \newcommand{\plaintitle}{}% plain-text-only title
8541 \newcommand{\plainauthor}{}% plain-text-only author
8542 \newcommand{\plainpublisher}{}% plain-text-only publisher
8543 \newcommand{\thanklesstitle}{}% full title text minus \thanks{}
8544 \newcommand{\thanklessauthor}{}% full author text minus \thanks{}
8545 \newcommand{\thanklesspublisher}{}% full publisher minus \thanks{}
8546 \newcommand{\@publisher}{}% full publisher with \thanks{}
8547 \newcommand{\thedata}{\today}
8548 \bidi@patch@AfterPackage{bidi}{%
8549 \renewcommand{\thanks}[1]{\footnote{#1}}
8550 \renewcommand{\LTRthanks}[1]{\LTRfootnote{#1}}
8551 \renewcommand{\RTLthanks}[1]{\RTLfootnote{#1}}
8552 }
8553 \renewcommand{\title}[2][]{%
8554 \gdef{@title{#2}}%
8555 \begingroup%
8556 % TODO store contents of \thanks command
8557 \renewcommand{\thanks}[1]{}% swallow \thanks contents
8558 \renewcommand{\LTRthanks}[1]{}% swallow \LTRthanks contents
8559 \renewcommand{\RTLthanks}[1]{}% swallow \RTLthanks contents
8560 \protected@xdef\thanklesstitle{#2}%
8561 \endgroup%
8562 \ifthenelse{\isempty{#1}}%
8563 {\renewcommand{\plaintitle}{\thanklesstitle}}% use thankless title
8564 {\renewcommand{\plaintitle}{#1}}% use provided plain-text title
8565 \@ifundefined{hypersetup}%
8566 {}% hyperref is not loaded; do nothing
8567 {\hypersetup{pdftitle={\plaintitle}}}% set the PDF metadata title
8568 }
8569 \let\@author\@empty% suppress default latex.ltx ``no author'' warning
8570 \renewcommand{\author}[2][]{%
8571 \ifthenelse{\isempty{#2}}{\gdef{@author{#2}}}%
8572 \begingroup%
8573 % TODO store contents of \thanks command
8574 \renewcommand{\thanks}[1]{}% swallow \thanks contents
8575 \renewcommand{\LTRthanks}[1]{}% swallow \LTRthanks contents
8576 \renewcommand{\RTLthanks}[1]{}% swallow \RTLthanks contents
8577 \protected@xdef\thanklessauthor{#2}%
8578 \endgroup%

```



```

8579 \ifthenelse{\isempty{#1}}%
8580   {\renewcommand{\plainauthor}{\thanklessauthor}}% use thankless author
8581   {\renewcommand{\plainauthor}{#1}}% use provided plain-text author
8582 \@ifundefined{hypersetup}%
8583   {}% hyperref is not loaded; do nothing
8584   {\hypersetup{pdfauthor={\plainauthor}}}% set the PDF metadata author
8585 }
8586 \renewcommand{\date}[1]{%
8587   \gdef\@date{#1}%
8588   \begingroup%
8589     % TODO store contents of \thanks command
8590     \renewcommand{\thanks}[1]{}% swallow \thanks contents
8591     \renewcommand{\LTRthanks}[1]{}% swallow \LTRthanks contents
8592     \renewcommand{\RTLthanks}[1]{}% swallow \RTLthanks contents
8593     \protected@xdef\thedata{#1}%
8594   \endgroup%
8595 }
8596 %%
8597 % Provides a \publisher command to set the publisher
8598 \newcommand{\publisher}[2] [] {%
8599   \gdef\@publisher{#2}%
8600   \begingroup%
8601     \renewcommand{\thanks}[1]{}% swallow \thanks contents
8602     \renewcommand{\LTRthanks}[1]{}% swallow \LTRthanks contents
8603     \renewcommand{\RTLthanks}[1]{}% swallow \RTLthanks contents
8604     \protected@xdef\thanklesspublisher{#2}%
8605   \endgroup%
8606   \ifthenelse{\isempty{#1}}
8607     {\renewcommand{\plainpublisher}{\thanklesspublisher}}% use thankless publisher
8608     {\renewcommand{\plainpublisher}{#1}}% use provided plain-text publisher
8609 }
8610 %%
8611 % Produces a full title page
8612 \newcommand{\maketitlepage}[0]{%
8613   \cleardoublepage%
8614   {%
8615     \bfseries%
8616     \begin{fullwidth}%
8617       \fontsize{18}{20}\selectfont\par\noindent\thanklessauthor%
8618       \vspace{11.5pc}%
8619       \fontsize{36}{40}\selectfont\par\noindent\thanklesstitle%
8620       \vfill%
8621       \fontsize{14}{16}\selectfont\par\noindent\thanklesspublisher%
8622     \end{fullwidth}%
8623   }
8624   \thispagestyle{empty}%
8625   \clearpage%
8626 }
8627 %%
8628 % Title block
8629 \bidi@AfterEndPreamble{%
8630 \renewcommand{\maketitle}{%
8631   \newpage%
8632   \global\@topnum\z@% prevent floats from being placed at the top of the page

```



```

8633 \beginngroup%
8634 \setlength{\parindent}{0pt}%
8635 \setlength{\parskip}{4pt}%
8636 \let\@title\@empty%
8637 \let\@author\@empty%
8638 \let\@date\@empty%
8639 \gdef\@title{\LARGE\itshape\@title\par}%
8640 \gdef\@author{\Large\itshape\@author\par}%
8641 \gdef\@date{\Large\itshape\@date\par}%
8642 \@title%
8643 \@author%
8644 \@date%
8645 \endgroup%
8646 \thispagestyle{plain}% suppress the running head
8647 }%
8648 }
8649 %%
8650 % Title page (if the `titlepage' option was passed to the bidentuftetitle-handout
8651 % class.)
8652 \bidi@AfterEndPreamble{%
8653 \ifthenelse{\boolean{@bidentuftetitle@titlepage}}
8654 {\renewcommand{\maketitle}{\maketitlepage}}
8655 {}
8656 }
8657 %%
8658 % When \cleardoublepage is called, produce a blank (empty) page -- i.e.,
8659 % without headers and footers
8660 \def\cleardoublepage{\clearpage\if@twoside\ifodd\c@page\else
8661 \hbox{}
8662 %\vspace*{\fill}
8663 %\begin{center}
8664 % This page intentionally contains only this sentence.
8665 %\end{center}
8666 %\vspace{\fill}
8667 \thispagestyle{empty}
8668 \newpage
8669 \if@twocolumn\hbox{}\newpage\fi\fi\fi}

```

## 59 File bidentufte-handout.cls

```

8670 \NeedsTeXFormat{LaTeX2e}[1994/06/01]
8671 \ProvidesClass{bidentufte-handout}[2011/06/18 v0.1 bidentufte-handout class]
8672 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{article}}
8673 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidentuftefloat}}
8674 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidentuftetoc}}
8675 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidentuftehyperref}}
8676 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidentuftetitle}}
8677 \ProcessOptions\relax
8678 \LoadClass{article}
8679 \RequirePackage{bidentuftefloat}
8680 \RequirePackage{bidentuftesidenote}
8681 \RequirePackage{bidentuftetoc}
8682 \RequirePackage{bidentuftegeneralstructure}
8683 \RequirePackage{bidentuftehyperref}

```



```

8684 \RequirePackage{bidiutfttitle}
8685 \renewenvironment{abstract}
8686   {\begin{quotation}}
8687   {\end{quotation}}
8688 \AtBeginDocument{%
8689 \IfFileExists{bidiutfte-handout.cfg}
8690   {\input{bidiutfte-handout.cfg}
8691    \ClassInfo{bidiutfte-handout}{Loading bidiutfte-handout configuration file \@gobble}}
8692   }%
8693 }

```

## 60 File bidiutfte-book.cls

```

8694 \NeedsTeXFormat{LaTeX2e}[1994/06/01]
8695 \ProvidesClass{bidiutfte-book}[2011/06/18 v0.1 bidiutfte-book class]
8696 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{book}}
8697 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidiutftefloat}}
8698 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidiutftetoc}}
8699 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidiutftehyperref}}
8700 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidiutfttitle}}
8701 \ProcessOptions\relax
8702 \LoadClass{book}
8703 \RequirePackage{bidiutftefloat}
8704 \RequirePackage{bidiutftesidenote}
8705 \RequirePackage{bidiutftetoc}
8706 \RequirePackage{bidiutftegeneralstructure}
8707 \RequirePackage{bidiutftehyperref}
8708 \RequirePackage{bidiutfttitle}
8709 %%
8710 % Set up any book-specific stuff now
8711 %%
8712 % The front matter in Tufte's /Beautiful Evidence/ contains everything up
8713 % to the opening page of Chapter 1. The running heads, when they appear,
8714 % contain only the (arabic) page number in the outside corner.
8715 %\newif\if@mainmatter \@mainmattertrue
8716 \renewcommand\frontmatter{%
8717   \cleardoublepage%
8718   \@mainmatterfalse%
8719   \pagenumbering{arabic}%
8720   %\pagestyle{plain}%
8721   \fancyhf{}%
8722   \ifthenelse{\boolean{@bidiutftefloat@twoside}}{%
8723     {\fancyhead[LE,RO]{\thepage}}%
8724     {\fancyhead[RE,RO]{\thepage}}%
8725   }
8726 %%
8727 % The main matter in Tufte's /Beautiful Evidence/ doesn't restart the page
8728 % numbering---it continues where it left off in the front matter.
8729 \renewcommand\mainmatter{%
8730   \cleardoublepage%
8731   \@mainmattertrue%
8732   \fancyhf{}%
8733   \ifthenelse{\boolean{@bidiutftefloat@twoside}}{%
8734     {\renewcommand{\chaptermark}[1]{\markboth{##1}{}}}%

```



```

8735 \fancyhead[LE]{\thepage\quad\smallcaps{\newlinetospace{\plaintitle}}}% book title
8736 \fancyhead[RO]{\smallcaps{\newlinetospace{\leftmark}}\quad\thepage}% chapter title
8737 {\fancyhead[RE,RO]{\smallcaps{\newlinetospace{\plaintitle}}\quad\thepage}}% book title
8738 }
8739 %%
8740 % The back matter contains appendices, indices, glossaries, endnotes,
8741 % bibliographies, list of contributors, illustration credits, etc.
8742 \renewcommand\backmatter{%
8743 \if@openright%
8744 \cleardoublepage%
8745 \else%
8746 \clearpage%
8747 \fi%
8748 \@mainmatterfalse%
8749 }
8750 %%
8751 % Only show the chapter titles in the table of contents
8752 \setcounter{tocdepth}{0}
8753 \AtBeginDocument{%
8754 \IfFileExists{biditufte-book.cfg}
8755 {\input{biditufte-book.cfg}
8756 \ClassInfo{biditufte-book}{Loading biditufte-book configuration file \@gobble}}
8757 {}%
8758 }

```

## 61 File bidipoem.sty

```

8759 \NeedsTeXFormat{LaTeX2e}
8760 \ProvidesPackage{bidipoem}%
8761 [2019/03/03 v1.0 Environments for typesetting Persian traditional and modern poems]
8762
8763 % Usage:
8764 %
8765 % \Setversedim #1#2 % define the layout (within a group):
8766 % #1 = length of both half-verses
8767 % #2 = separation distance = length of a connection, if present
8768 % Variant:
8769 % \Setversedim #1[#2]#3 % for half-verses of unequal length
8770 % #1 = length of first (=right) half-verse
8771 % #2 = length of second (=left) half-verse
8772 % #3 = separation distance = length of a connection, if present
8773 %
8774 % \traditionalhalfverses #1#2 % typeset two separated half-verses
8775 % #1 = text of first (=right) half-verse
8776 % #2 = text of second (=left) half-verse
8777 % Variant:
8778 % \traditionalhalfverses #1[#2]#3 % typeset two connected half-verses
8779 % #1 = text of first (=right) half-verse
8780 % #2 = text of connection
8781 % #3 = text of second (=left) half-verse
8782 %
8783 % Alternative (if preferred):
8784 %
8785 % \traditionalconnverses #1#2#3 % = \traditionalhalfverses #1[#2]#3

```



```

8786
8787
8788 \newcommand*{\bidipoem@spreadbox}[2]{\hbox to #1{#2}}
8789
8790 % define the layout, verses will be centered
8791
8792 \newdimen \bidipoem@hvlen \newdimen \bidipoem@hvsep
8793 \newdimen \bidipoem@hvind \newdimen \bidipoem@@hvlen
8794
8795 \newcommand*{\Setversedim}[2]{% set lengths of half-verse, [separation]
8796 \bidipoem@hvind \textwidth
8797 \bidipoem@hvlen #1\relax \advance \bidipoem@hvind -\bidipoem@hvlen
8798 \ifx [#2\def \bidipoem@next {\bidipoem@set@verseI []}\else
8799 \bidipoem@@hvlen \bidipoem@hvlen \def \bidipoem@next {\bidipoem@set@@verse {#2}}\fi \bidipoem
8800
8801 \def \bidipoem@set@verseI [#1]{% optional parameter
8802 \bidipoem@@hvlen #1\relax \bidipoem@set@@verse }
8803
8804 \newcommand*{\bidipoem@set@@verse}[1]{% separation
8805 \advance \bidipoem@hvind -\bidipoem@@hvlen \bidipoem@hvsep #1\relax
8806 \advance \bidipoem@hvind -\bidipoem@hvsep \divide \bidipoem@hvind 2 }
8807
8808 \newcommand*{\traditionalconnverses}[3]{% first half-verse, connection, second half-verse
8809 \ifdim Opt > \bidipoem@hvind %
8810 \bidipoem@spreadbox \bidipoem@hvlen {#1}\\ \hfill % first block
8811 \else
8812 \noindent \hspace \bidipoem@hvind \relax \bidipoem@spreadbox \bidipoem@hvlen {#1}\fi
8813 \bidipoem@spreadbox \bidipoem@hvsep {#2}% separator
8814 \bidipoem@spreadbox \bidipoem@@hvlen {#3}% second block
8815 \par }
8816
8817 % macro for two half verses
8818 \newcommand*{\traditionalhalfverses}[2]{% optional parameter?
8819 \ifx [#2\def \bidipoem@half@verses@next{\bidipoem@half@verses {#1}[]}%
8820 \else\def \bidipoem@half@verses@next{\bidipoem@half@verses {#1}[\hfill]{#2}}\fi%
8821 \bidipoem@half@verses@next}
8822
8823 \def \bidipoem@half@verses #1[#2]#3{% first[mid]second
8824 \traditionalconnverses {#1}{#2}{#3}}
8825
8826
8827 {\catcode\^^M=\active % these lines must end with %
8828 \gdef\traditionalpoem@obeylines{\catcode\^^M\active \let^^M\traditionalpoem@par}%
8829 \global\let^^M\traditionalpoem@par} % this is in case ^^M appears in a \write
8830 {\catcode\^^M=\active % these lines must end with %
8831 \gdef\modernpoem@obeylines{\catcode\^^M\active \let^^M\modernpoem@par}%
8832 \global\let^^M\modernpoem@par} % this is in case ^^M appears in a \write
8833 \def\poemcolsepskip{.1\versewidth plus .1\versewidth minus .05\versewidth}
8834 \def\poemmarginskip{1em plus 1fil minus 1em}
8835 \def\poemextrabaselineskip{0\baselineskip}
8836 \def\poemskip{\medskip}
8837 \newcommand{\bidipoem@openbox}{\leavevmode
8838 \hbox to.77778em{%
8839 \hfil\vrule

```



```

8840 \vbox to.675em{\hrule width.6em\vfil\hrule}%
8841 \vrule\hfil}}
8842 \def\poemblocksep{\quad\hbox{\bidipoem@openbox}}
8843 \newdimen\versewidth
8844 \newtoks\bidipoem@p@ftn
8845 \def\poem@verse#1{%
8846 \ifdim\wd#1>\new@poem@width
8847 \xdef\new@poem@width{\the\wd#1}%
8848 \ifdim\new@poem@width>\poem@width
8849 \xdef\poem@width{\new@poem@width}%
8850 \global\let\poem@needrun\relax
8851 \fi
8852 \fi
8853 \hbox to\poem@width{\unhbox#1}%
8854 \global\bidipoem@p@ftn\expandafter{\expandafter}\the\bidipoem@p@ftn%
8855 }
8856 \def\poem@linebegin{\vadjust{}\hskip\@flushglue\hskip\poemmargin\skip\relax}
8857 \def\poem@lineend{\nobreak\hskip\poemmargin\skip\hskip\@flushglue\vadjust{}}
8858 \def\poem@lineversesep{%
8859 \nobreak
8860 \hskip\z@ plus 1filll%
8861 \penalty600%
8862 \hskip\poemcolsepskip
8863 \hskip\z@ plus -2filll%
8864 \vadjust{}}%
8865 \nobreak
8866 \hskip\z@ plus 1filll%
8867 }
8868 \def\poem@lineparsebegin{%
8869 \halign\bgroup
8870 \global\setbox\verse@i=\hbox{%
8871 \let\@footnotetext\bidipoem@p@ftntext%
8872 \let\@LTRfootnotetext\bidipoem@p@LTRftntext%
8873 \let\@RTLfootnotetext\bidipoem@p@RTLftntext%
8874 \let\@xfootnotenext\bidipoem@p@xftntext%
8875 \let\@xfootnote\bidipoem@p@xfootnote%
8876 \let\@xLTRfootnotenext\bidipoem@p@xLTRftntext%
8877 \let\@xLTRfootnote\bidipoem@p@xLTRfootnote%
8878 \let\@xRTLfootnotenext\bidipoem@p@xRTLftntext%
8879 \let\@xRTLfootnote\bidipoem@p@xRTLfootnote%
8880 \ignorespaces##\unskip}&&
8881 \global\setbox\verse@ii=\hbox{%
8882 \let\@footnotetext\bidipoem@p@ftntext%
8883 \let\@LTRfootnotetext\bidipoem@p@LTRftntext%
8884 \let\@RTLfootnotetext\bidipoem@p@RTLftntext%
8885 \let\@xfootnotenext\bidipoem@p@xftntext%
8886 \let\@xfootnote\bidipoem@p@xfootnote%
8887 \let\@xLTRfootnotenext\bidipoem@p@xLTRftntext%
8888 \let\@xLTRfootnote\bidipoem@p@xLTRfootnote%
8889 \let\@xRTLfootnotenext\bidipoem@p@xRTLftntext%
8890 \let\@xRTLfootnote\bidipoem@p@xRTLfootnote%
8891 \ignorespaces##\unskip}
8892 \cr
8893 }

```



```

8894 \def\poem@lineparseend{%
8895 \crr\egroup
8896 \vskip-\baselineskip
8897 }
8898 \def\traditionalpoem@cr{%
8899 \cr\poem@line
8900 }
8901 \newbox\verse@i
8902 \newbox\verse@ii
8903 \newif\ifpoem@started
8904
8905 \def\poem@line{%
8906 \poem@lineparseend
8907 \ifdim\wd\verse@i>\z@\global\poem@startedtrue\fi
8908 \ifdim\wd\verse@ii>\z@\global\poem@startedtrue\fi
8909 \ifpoem@started
8910 \ifdim\wd\verse@ii>\z@\else
8911 \nopagebreak[3]
8912 \fi
8913 \leavevmode
8914 \poem@linebegin
8915 \poem@verse\verse@i
8916 \ifdim\wd\verse@ii>\z@
8917 \poem@lineversesep
8918 \poem@verse\verse@ii
8919 \fi
8920 \poem@lineend
8921 % \nopagebreak
8922 \par
8923 \vskip\poemextrabaselineskip
8924 \fi
8925 \poem@lineparsebegin
8926 }
8927 \def\@traditionalpoem{%
8928 \stepcounter{poem@no}
8929 \ifnum\max@poem@no<\number\c@poem@no%
8930 \xdef\poem@width{\z@}%
8931 \else
8932 \xdef\poem@width{\poem@prop{poem@width}}%
8933 \fi
8934 \xdef\new@poem@width{\z@}%
8935 \global\versewidth=\poem@width
8936 \poemskip\par
8937 \begingroup
8938 \tabskip=\z@
8939 \parskip=\z@
8940 \parindent=\z@
8941 \parfillskip=\z@
8942 \rightskip=\z@
8943 \leftskip=\z@
8944 \widowpenalty=10000% No break between verses of the same line.
8945 \clubpenalty=10000% Same as above. Not really needed.
8946 \def\newblock{\hfil\poemblocksep\hfil\null}%
8947 \def\traditionalpoem@par{\traditionalpoem@cr}% Redefine \par for possible \obeylines

```



```

8948 \def\{\global\poem@startedtrue\traditionalpoem@cr}%
8949 \global\poem@startedfalse
8950 \csname poem@obeylines\endcsname
8951 \let\poem@obeylines\relax
8952 \poem@lineparsebegin
8953 }
8954 \def\@endtraditionalpoem{%
8955 \cr
8956 \ifdim\wd\verse@i>\z@\poem@line\else\ifdim\wd\verse@ii>\z@\poem@line\else
8957 \noalign{%
8958 \skip0=\poemextrabaselineskip
8959 \vskip-\skip0
8960 \vskip-\baselineskip
8961 }%
8962 \fi\fi
8963 \poem@lineparseend
8964 \endgroup
8965 \par
8966 \vskip\baselineskip
8967 \poemskip
8968 \ifdim\new@poem@width<\poem@width
8969 \global\let\poem@needrun\relax
8970 \fi
8971 \poem@write@aux{\poem@width\romannumeral\c@poem@no}\{\new@poem@width}%
8972 \ifx\AtEndDocument\undefined\poem@finish\fi
8973 \@endparenv
8974 }
8975
8976
8977 \long\def\bidipoem@p@ftntext#1{%
8978 \edef\@temp{\the\bidipoem@p@ftn\noexpand\footnotetext[\the\csname c@\mpfn\endcsname]}}%
8979 \global\bidipoem@p@ftn\expandafter{\@temp{#1}}}%
8980 \long\def\bidipoem@p@LTRftntext#1{%
8981 \edef\@tempxi{\the\bidipoem@p@ftn\noexpand\LTRfootnotetext[\the\csname c@\mpfn\endcsname]}}%
8982 \global\bidipoem@p@ftn\expandafter{\@tempxi{#1}}}%
8983 \long\def\bidipoem@p@RTLftntext#1{%
8984 \edef\@tempxii{\the\bidipoem@p@ftn\noexpand\RTLfootnotetext[\the\csname c@\mpfn\endcsname]}}%
8985 \global\bidipoem@p@ftn\expandafter{\@tempxii{#1}}}%
8986
8987 \long\def\bidipoem@p@xftntext[#1]#2{%
8988 \global\bidipoem@p@ftn\expandafter{\the\bidipoem@p@ftn\footnotetext[#1]{#2}}}
8989
8990 \long\def\bidipoem@p@xLTRftntext[#1]#2{%
8991 \global\bidipoem@p@ftn\expandafter{\the\bidipoem@p@ftn\LTRfootnotetext[#1]{#2}}}
8992
8993 \long\def\bidipoem@p@xRTLftntext[#1]#2{%
8994 \global\bidipoem@p@ftn\expandafter{\the\bidipoem@p@ftn\RTLfootnotetext[#1]{#2}}}
8995
8996 \def\bidipoem@p@xfootnote[#1]{%
8997 \begingroup
8998 \csname c@\mpfn\endcsname #1\relax
8999 \unrestored@protected@xdef\@thefnmark{\thempfn}%
9000 \endgroup
9001 \@footnotemark\bidipoem@p@xftntext[#1]}

```



```

9002
9003 \def\bidipoem@p@xLTRfootnote[#1]{%
9004     \beginngroup
9005         \csname c@ \@mpfn\endcsname #1\relax
9006         \unrestored@protected@xdef\@thefnmark{\thempfn}%
9007     \endgroup
9008     \@footnotemark\bidipoem@p@xLTRfnttext[#1]}
9009
9010 \def\bidipoem@p@xRTLfootnote[#1]{%
9011     \beginngroup
9012         \csname c@ \@mpfn\endcsname #1\relax
9013         \unrestored@protected@xdef\@thefnmark{\thempfn}%
9014     \endgroup
9015     \@footnotemark\bidipoem@p@xRTLfnttext[#1]}
9016
9017
9018
9019 \newenvironment{traditionalpoem}{\@traditionalpoem}{\@endtraditionalpoem}
9020 \expandafter\def\csname traditionalpoem*\endcsname{\let\poem@obeylines=\traditionalpoem@obey}
9021 \expandafter\def\csname endtraditionalpoem*\endcsname{\endtraditionalpoem}
9022 \def\poem@finish{%
9023     \poem@write@aux{max@poem@no}{\number\c@poem@no}%
9024     \ifx\poem@needrun\relax
9025 \PackageWarning{bidipoem}{Unjustified poem.  Rerun XeLaTeX to get poem right}%
9026 \global\let\poem@needrun\undefined
9027 \fi
9028 }
9029 \ifx\AtEndDocument\undefined\else\AtEndDocument\poem@finish\fi
9030 \newcounter{poem@no}\setcounter{poem@no}{\z@}
9031 \ifx\max@poem@no\undefined
9032     \def\max@poem@no{0}%
9033 \fi
9034 \newcommand{\poem@prop}[1]{\@nameuse{#1\@romannumeral\c@poem@no}}
9035 \newcommand{\poem@write@aux}[2]{%
9036     \def\@x{\immediate\write\@auxout{\global\noexpand\@namedef{#1}{#2}}}%
9037     \@x
9038 }
9039 \def\@modernpoem{%
9040 \par
9041 \beginngroup
9042 \parskip=\z@
9043 \parindent=\z@
9044 \def\[{ \@settab\@tabplus\ignorespaces}%
9045 \def\]\@tabminus\ignorespaces}%
9046 \def\newblock{\poemblocksep}%
9047 \let\newpoem@tabcr\@tabcr
9048 \def\modernpoem@par{% Redefine \par for possible \obeylines
9049     \ifpoem@started\else
9050         \ifdim\wd\@curline>\z@\global\poem@startedtrue\else
9051             \@stopfield
9052         \ifdim\wd\@curfield>\z@\global\poem@startedtrue\fi
9053         \@contfield
9054     \fi
9055 \fi

```



```

9056 \ifpoem@started\newpoem@tabcr\fi}%
9057 \def\@tabcr{\global\poem@startedtrue\newpoem@tabcr}%
9058 \global\poem@startedfalse
9059 \csname poem@obeylines\endcsname
9060 \let\poem@obeylines\relax
9061 \begin{tabbing}%
9062 }
9063 \def\@endmodernpoem{%
9064 \global\poem@startedfalse
9065 \ifdim\wd\@curline>\z@\global\poem@startedtrue\else
9066 \stopfield
9067 \ifdim\wd\@curfield>\z@\global\poem@startedtrue\fi
9068 \contfield
9069 \fi
9070 \ifpoem@started\else\let\@stopline\@stopfield\fi
9071 \end{tabbing}%
9072 \endgroup
9073 \par
9074 \if@nparlist \else
9075 \ifdim\lastskip >\z@
9076 \tempkipa\lastskip \vskip -\lastskip
9077 \advance\tempkipa\parskip \advance\tempkipa -\outerparskip
9078 \vskip\tempkipa
9079 \fi
9080 \endparenv
9081 \fi
9082 }
9083 \newenvironment{modernpoem}{\@modernpoem}{\@endmodernpoem}
9084 \expandafter\def\csname modernpoem*\endcsname{\let\poem@obeylines=\modernpoem@obeylines\mode
9085 \expandafter\def\csname endmodernpoem*\endcsname{\endmodernpoem}
9086 \gdef\@startfield{%
9087 \global\setbox\@curfield\hbox\bgroup%
9088 \let\@footnotetext\bidipoem@p@ftntext%
9089 \let\@LTRfootnotetext\bidipoem@p@LTRftntext%
9090 \let\@RTLfootnotetext\bidipoem@p@RTLftntext%
9091 \let\@xfootnotenext\bidipoem@p@xftntext%
9092 \let\@xfootnote\bidipoem@p@xfootnote%
9093 \let\@xLTRfootnotenext\bidipoem@p@xLTRftntext%
9094 \let\@xLTRfootnote\bidipoem@p@xLTRfootnote%
9095 \let\@xRTLfootnotenext\bidipoem@p@xRTLftntext%
9096 \let\@xRTLfootnote\bidipoem@p@xRTLfootnote%
9097 \color@begingroup}
9098 \gdef\@stopfield{%
9099 \color@endgroup\egroup\global\bidipoem@p@ftn\expandafter{\expandafter}\the\bidipoem@p@ftn}
9100 \gdef\@contfield{%
9101 \global\setbox\@curfield\hbox\bgroup%
9102 \let\@footnotetext\bidipoem@p@ftntext%
9103 \let\@LTRfootnotetext\bidipoem@p@LTRftntext%
9104 \let\@RTLfootnotetext\bidipoem@p@RTLftntext%
9105 \let\@xfootnotenext\bidipoem@p@xftntext%
9106 \let\@xfootnote\bidipoem@p@xfootnote%
9107 \let\@xLTRfootnotenext\bidipoem@p@xLTRftntext%
9108 \let\@xLTRfootnote\bidipoem@p@xLTRfootnote%
9109 \let\@xRTLfootnotenext\bidipoem@p@xRTLftntext%

```



```

9110 \let\xRTLfootnote\bidipoem@p\xRTLfootnote%
9111 \color@begingroup\unhbox\@curfield}

```

## 62 File boek3-xetex-bidi.def

```

9112 \ProvidesFile{boek3-xetex-bidi.def}[2017/06/09 v0.4 bidi adaptations for boek3 class for XeT
9113 \renewenvironment{theindex}{%
9114   \if@twocolumn
9115     \@restonecolfalse
9116   \else
9117     \@restonecoltrue
9118   \fi
9119   \columnseprule \z@
9120   \columnsep 35\p@
9121   \twocolumn[\@makeschapterhead{\indexname}]%
9122   \@mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}%
9123   \thispagestyle{plain}\parindent\z@
9124   \parskip\z@ \@plus .3\p@\relax
9125   \let\item\@idxitem
9126 }{%
9127   \if@restonecol\onecolumn\else\clearpage\fi}
9128 \renewcommand*{\head@style}{%
9129   \interlinepenalty \@M
9130   \hyphenpenalty=\@M \exhyphenpenalty=\@M
9131   \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}
9132 \renewcommand*{\regtocline}[3]{%
9133   \ifnum #1>\c@tocdepth
9134   \else
9135     \vskip\z@\@plus.2\p@
9136     {\hangindent\z@ \@afterindenttrue \interlinepenalty\@M
9137     \if@RTL\rightskip\else\leftskip\fi\unitindent
9138     \if@RTL\leftskip\else\rightskip\fi\unitindent\@plus 1fil
9139     \parfillskip\z@
9140     \@tempdima\unitindent
9141     \parindent\z@
9142     \leavevmode
9143     \hbox{} \hskip -\if@RTL\rightskip\else\leftskip\fi\relax#2\nobreak
9144     \hskip 1em \nobreak{\slshape #3}\par
9145   }%
9146 \fi}
9147 \if@oldtoc
9148 \renewcommand*{\l@part}[2]{%
9149   \ifnum \c@tocdepth >-2\relax
9150     \addpenalty{-\@highpenalty}%
9151     \addvspace{2.25em \@plus\p@}%
9152     \begingroup
9153       \setlength{\@tempdima}{3em}%
9154       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
9155       \parfillskip -\@pnumwidth
9156       {\leavevmode
9157         \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
9158         \nobreak
9159         \global\@nobreaktrue
9160         \everypar{\global\@nobreakfalse\everypar{}}%

```



```

9161 \endgroup
9162 \fi}
9163 \else
9164 \renewcommand*\l@part{%
9165 \ifnum \c@tocdepth >-2\relax
9166 \addpenalty{-\@highpenalty}%
9167 \addvspace{2.25em \@plus \p@}%
9168 \@regtocline{0}%
9169 \fi}
9170 \fi
9171 \if@oldtoc
9172 \renewcommand*\l@chapter[2]{%
9173 \addpenalty{-\@highpenalty}%
9174 \vskip 1.0em \@plus\p@
9175 \setlength\@tempdima{1.5em}%
9176 \begingroup
9177 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
9178 \parfillskip -\@pnumwidth
9179 \leavevmode \bfseries
9180 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima
9181 \hskip -\if@RTL\rightskip\else\leftskip\fi
9182 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
9183 \penalty\@highpenalty
9184 \endgroup}
9185 \else
9186 \renewcommand*\l@chapter{\@regtocline{0}}
9187 \fi
9188 \renewenvironment{abstract}{%
9189 \titlepage
9190 \null\vfil
9191 \section*{\SectFont \abstractname}
9192 \noindent\ignorespaces}
9193 {\par\vfil\null\endtitlepage}
9194 \renewenvironment{thebibliography}[1]
9195 {\chapter*{\bibname}%
9196 \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
9197 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
9198 \bidi@thebibliography@font@hook%
9199 \list{\@biblabel{\@arabic\c@enumiv}}%
9200 {\settowidth\labelwidth{\@biblabel{#1}}%
9201 \leftmargin\labelwidth
9202 \advance\leftmargin\labelsep
9203 \@openbib@code
9204 \usecounter{enumiv}%
9205 \let\p@enumiv\@empty
9206 \renewcommand*\theenumiv{\@arabic\c@enumiv}}%
9207 \sloppy\clubpenalty4000\widowpenalty4000%
9208 \sfcode\.\@m}
9209 {\def\@noitemerr
9210 {\@latex@warning{Empty `thebibliography' environment}}}%
9211 \endlist}
9212 \renewcommand*\left@footnoterule{%
9213 \kern-3\p@
9214 \kern.5\baselineskip

```



```

9215 \hrule\@width\unitindent
9216 \kern.4\baselineskip
9217 }
9218 \renewcommand*\right@footnoterule{%
9219 \kern-3\p@
9220 \kern.5\baselineskip
9221 \hbox to \columnwidth{\hskip \dimexpr\columnwidth-\unitindent\relax \hrulefill }
9222 \kern.4\baselineskip}
9223 \renewcommand*\thesection{\thechapter\@SepMark\@arabic\c@section}
9224 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@subsection}
9225 \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
9226 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
9227 \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic\c@subparagraph}
9228 \renewcommand*\theequation{%
9229 \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@equation}
9230 \renewcommand*\thefigure{%
9231 \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@figure}
9232 \renewcommand*\thetable{%
9233 \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@table}
9234 \renewcommand*\maketitle{%
9235 \begin{titlepage}%
9236 \let\footnotesize\small
9237 \let\right@footnoterule\relax
9238 \let\left@footnoterule\relax
9239 \let\textwidth\footnoterule\relax
9240 \let \footnote \thanks
9241 \long\def\@makefnmark##1{\parindent\z@
9242 \def\labelitemi{\textendash}\@revlabeltrue
9243 \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
9244 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
9245 \if@compatibility\setcounter{page}{0}\fi
9246 \null\vfil
9247 \vskip 60\p@
9248 \begin{center}%
9249 \TitleFont
9250 {\LARGE \def\\{\penalty -\@M}
9251 \if@allcaps
9252 \expandafter\uc@nothanks\@title\thanks\relax
9253 \else
9254 \@title
9255 \fi\par}%
9256 \vskip 3em%
9257 {\large
9258 \lineskip .75em \parindent\z@
9259 \begin{tabular}[t]{c}%
9260 \if@allcaps
9261 \expandafter\uc@authornothanks\@author\and\relax
9262 \else
9263 \@author
9264 \fi
9265 \end{tabular}\par}%
9266 \vskip 1.5em%
9267 {\large
9268 \if@allcaps

```



```

9269         \uppercase\expandafter{\@date}%
9270         \else
9271             \@date
9272         \fi\par}%
9273     \end{center}\par
9274     \@thanks
9275     \vfil\null
9276 \end{titlepage}%
9277 \setcounter{footnote}{0}%
9278 \global\let\thanks\relax
9279 \global\let\maketitle\relax
9280 \global\let\@thanks\@empty
9281 \global\let\@author\@empty
9282 \global\let\@title\@empty
9283 \global\let\@date\@empty
9284 \global\let\title\relax
9285 \global\let\author\relax
9286 \global\let\date\relax
9287 \global\let\and\relax
9288 }

```

## 63 File boek-xetex-bidi.def

```

9289 \ProvidesFile{boek-xetex-bidi.def}[2017/06/09 v0.4 bidi adaptations for boek class for XeTeX]
9290 \renewenvironment{theindex}{%
9291     \if@twocolumn
9292         \@restonecolfalse
9293     \else
9294         \@restonecoltrue
9295     \fi
9296     \columnseprule \z@
9297     \columnsep 35\p@
9298     \twocolumn[\@makeschapterhead{\indexname}]%
9299     \@mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}}%
9300     \thispagestyle{plain}\parindent\z@
9301     \parskip\z@ \@plus .3\p@\relax
9302     \let\item\@idxitem
9303 }{%
9304     \if@restonecol\onecolumn\else\clearpage\fi}
9305 \renewcommand*{\head@style}{%
9306     \interlinepenalty \@M
9307     \hyphenpenalty=\@M \exhyphenpenalty=\@M
9308     \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}
9309 \renewcommand*{\regtocline}[3]{%
9310     \ifnum #1>\c@tocdepth
9311     \else
9312         \vskip\z@\@plus.2\p@
9313         {\hangindent\z@ \@afterindenttrue \interlinepenalty\@M
9314         \if@RTL\rightskip\else\leftskip\fi\unitindent
9315         \if@RTL\leftskip\else\rightskip\fi\unitindent\@plus 1fil
9316         \parfillskip\z@
9317         \@tempdima\unitindent
9318         \parindent\z@
9319         \leavevmode

```



```

9320     \hbox{}\hskip -\if@RTL\rightskip\else\leftskip\fi\relax#2\nobreak
9321     \hskip 1em \nobreak{\slshape #3}\par
9322     }%
9323   \fi}
9324 \if@oldtoc
9325 \renewcommand*\l@part[2]{%
9326   \ifnum \c@tocdepth >-2\relax
9327     \addpenalty{-\@highpenalty}%
9328     \addvspace{2.25em \@plus\p@}%
9329     \begingroup
9330       \setlength\@tempdima{3em}%
9331       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
9332       \parfillskip -\@pnumwidth
9333       {\leavevmode
9334         \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
9335         \nobreak
9336         \global\@nobreaktrue
9337         \everypar{\global\@nobreakfalse\everypar{}}%
9338       \endgroup
9339   \fi}
9340 \else
9341   \renewcommand*\l@part{%
9342     \ifnum \c@tocdepth >-2\relax
9343       \addpenalty{-\@highpenalty}%
9344       \addvspace{2.25em \@plus \p@}%
9345       \@regtocline{0}%
9346     \fi}
9347 \fi
9348 \if@oldtoc
9349 \renewcommand*\l@chapter[2]{%
9350   \addpenalty{-\@highpenalty}%
9351   \vskip 1.0em \@plus\p@
9352   \setlength\@tempdima{1.5em}%
9353   \begingroup
9354     \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
9355     \parfillskip -\@pnumwidth
9356     \leavevmode \bfseries
9357     \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
9358     \hskip -\if@RTL\rightskip\else\leftskip\fi
9359     #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
9360     \penalty\@highpenalty
9361   \endgroup}
9362 \else
9363   \renewcommand*\l@chapter{\@regtocline{0}}
9364 \fi
9365 \renewcommand*\left@footnoterule{%
9366   \kern-3\p@
9367   \kern.5\baselineskip
9368   \hrule\@width\unitindent
9369   \kern.4\baselineskip
9370 }
9371 \renewcommand*\right@footnoterule{%
9372   \kern-3\p@
9373   \kern.5\baselineskip

```



```

9374 \hbox to \columnwidth{\hskip \dimexpr\columnwidth-\unitindent\relax \hrulefill }
9375 \kern.4\baselineskip}
9376 \renewenvironment{abstract}{%
9377     \titlepage
9378     \null\vfil
9379     \section*{\SectFont \abstractname}
9380     \noindent\ignorespaces}
9381 {\par\vfil\null\endtitlepage}
9382 \renewenvironment{thebibliography}[1]
9383 {\chapter*{\bibname}%
9384     \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
9385     \ifRTL\if@LTRbibitems@RTLfalse\else\fi\else\if@RTLbibitems@RTLtrue\else\fi\fi
9386     \bidi@thebibliography@font@hook%
9387     \list{\@biblabel{\@arabic\c@enumiv}}%
9388         {\settowidth\labelwidth{\@biblabel{#1}}%
9389         \leftmargin\labelwidth
9390         \advance\leftmargin\labelsep
9391         \@openbib@code
9392         \usecounter{enumiv}%
9393         \let\p@enumiv\@empty
9394         \renewcommand*\theenumiv{\@arabic\c@enumiv}}%
9395     \sloppy\clubpenalty4000\widowpenalty4000%
9396     \sfcode`.\@m}
9397 {\def\@noitemerr
9398 {\@latex@warning{Empty `thebibliography' environment}}}%
9399 \endlist}
9400 \renewcommand*\thesection{\thechapter\@SepMark\@arabic\c@section}
9401 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@subsection}
9402 \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
9403 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
9404 \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic\c@subparagraph}
9405 \renewcommand*\theequation{%
9406 \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@equation}
9407 \renewcommand*\thefigure{%
9408 \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@figure}
9409 \renewcommand*\thetable{%
9410 \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@table}
9411 \renewcommand*\maketitle{%
9412 \begin{titlepage}%
9413 \let\footnotesize\small
9414 \let\right@footnoterule\relax
9415 \let\left@footnoterule\relax
9416 \let\textwidth\footnoterule\relax
9417 \let \footnote \thanks
9418 \long\def\@makefnitem##1{\parindent\z@
9419 \def\labelitemi{\textendash}\@revlabeltrue
9420 \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
9421 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
9422 \if@compatibility\setcounter{page}{0}\fi
9423 \null\vfil
9424 \vskip 60\p@
9425 \begin{center}%
9426 \TitleFont
9427 {\LARGE \def\\{\penalty -\@M}

```



```

9428     \if@allcaps
9429         \expandafter\uc@nothanks\@title\thanks\relax
9430     \else
9431         \@title
9432     \fi\par}%
9433 \vskip 3em%
9434 {\large
9435     \lineskip .75em \parindent\z@
9436     \begin{tabular}[t]{c}%
9437         \if@allcaps
9438             \expandafter\uc@authornothanks\@author\and\relax
9439         \else
9440             \@author
9441         \fi
9442     \end{tabular}\par}%
9443 \vskip 1.5em%
9444 {\large
9445     \if@allcaps
9446         \uppercase\expandafter{\@date}%
9447     \else
9448         \@date
9449     \fi\par}%
9450 \end{center}\par
9451 \@thanks
9452 \vfil\null
9453 \end{titlepage}%
9454 \setcounter{footnote}{0}%
9455 \global\let\thanks\relax
9456 \global\let\maketitle\relax
9457 \global\let\@thanks\@empty
9458 \global\let\@author\@empty
9459 \global\let\@title\@empty
9460 \global\let\@date\@empty
9461 \global\let\title\relax
9462 \global\let\author\relax
9463 \global\let\date\relax
9464 \global\let\and\relax
9465 }

```

## 64 File bookest-xetex-bidi.def

```

9466 \ProvidesFile{bookest-xetex-bidi.def}[2010/07/25 v0.4 bidi adaptations for bookest class for
9467 \def\@makechapterhead#1{%
9468     \vspace*{20\p@}
9469     {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi \normalfont
9470         \ifnum \c@secnumdepth >\m@ne
9471             \if@mainmatter
9472                 {\colorA\huge\scshape \@chapapp\space \thechapter}
9473             \par\nobreak
9474             \vskip 10\p@
9475         \fi
9476     \fi
9477     \interlinepenalty\@M
9478     {\colorB\hrule}

```



```

9479 \vskip 15\p@
9480 \if@RTL\begin{flushleft}\else\begin{flushright}\fi
9481 {\colorA\Huge \bfseries #1}\par\nobreak
9482 \if@RTL\end{flushleft}\else\end{flushright}\fi
9483 \vskip 5\p@
9484 {\colorB\hrule}
9485 \vskip 30\p@
9486 }}
9487 \def\@makeschapterhead#1{%
9488 \vspace*{20\p@}
9489 {\parindent \z@ \raggedright \normalfont
9490 {\colorB\hrule}
9491 \vskip 15\p@
9492 \begin{center}
9493 {\colorA\Huge \bfseries #1}\par\nobreak
9494 \end{center}
9495 \vskip 5\p@
9496 {\colorB\hrule}
9497 \vskip 30\p@
9498 }}

```

## 65 File book-xetex-bidi.def

```

9499 \ProvidesFile{book-xetex-bidi.def}[2017/06/09 v1.0 bidi adaptations for standard book class]
9500 \renewenvironment{theindex}
9501 {\if@twocolumn
9502 \@restonecolfalse
9503 \else
9504 \@restonecoltrue
9505 \fi
9506 \columnseprule \z@
9507 \columnsep 35\p@
9508 \twocolumn[\@makeschapterhead{\indexname}]%
9509 \@mkboth{\MakeUppercase\indexname}%
9510 {\MakeUppercase\indexname}%
9511 \thispagestyle{plain}\parindent\z@
9512 \parskip\z@ \@plus .3\p@\relax
9513 \let\item\@idxitem}
9514 {\if@restonecol\onecolumn\else\clearpage\fi}
9515 \@ifclassloaded{bookest}{\}%
9516 \if@titlepage
9517 \renewcommand\maketitle{\begin{titlepage}%
9518 \let\footnotesize\small
9519 \let\right@footnoterule\relax
9520 \let\left@footnoterule\relax
9521 \let\textwidth@footnoterule\relax
9522 \let\footnote\thanks
9523 \let\LTRfootnote\LTRthanks
9524 \let\RTLfootnote\RTLthanks
9525 \null\vfil
9526 \vskip 60\p@
9527 \begin{center}%
9528 {\LARGE \@title \par}%
9529 \vskip 3em%

```



```

9530     {\large
9531       \lineskip .75em%
9532       \begin{tabular}[t]{c}%
9533         \@author
9534       \end{tabular}\par}%
9535       \vskip 1.5em%
9536     {\large \@date \par}%           % Set date in \large size.
9537 \end{center}\par
9538 \@thanks
9539 \vfil\null
9540 \end{titlepage}%
9541 \setcounter{footnote}{0}%
9542 \global\let\thanks\relax
9543 \global\let\LTRthanks\relax
9544 \global\let\RTLthanks\relax
9545 \global\let\maketitle\relax
9546 \global\let\@thanks\@empty
9547 \global\let\@author\@empty
9548 \global\let\@date\@empty
9549 \global\let\@title\@empty
9550 \global\let\title\relax
9551 \global\let\author\relax
9552 \global\let\date\relax
9553 \global\let\and\relax
9554 }
9555 \else
9556 \renewcommand\maketitle{\par
9557   \begingroup
9558     \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
9559     \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
9560     \long\def\@makefntext##1{\parindent 1em\noindent
9561       \hb@xt@1.8em{%
9562         \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
9563     \if@twocolumn
9564       \ifnum \col@number=\@ne
9565         \@maketitle
9566       \else
9567         \twocolumn[\@maketitle]%
9568       \fi
9569     \else
9570       \newpage
9571       \global\@topnum\z@ % Prevents figures from going at top of page.
9572       \@maketitle
9573     \fi
9574     \thispagestyle{plain}\@thanks
9575   \endgroup
9576   \setcounter{footnote}{0}%
9577   \global\let\thanks\relax
9578   \global\let\LTRthanks\relax
9579   \global\let\RTLthanks\relax
9580   \global\let\maketitle\relax
9581   \global\let\@maketitle\relax
9582   \global\let\@thanks\@empty
9583   \global\let\@author\@empty

```



```

9584 \global\let\@date\@empty
9585 \global\let\@title\@empty
9586 \global\let\title\relax
9587 \global\let\author\relax
9588 \global\let\date\relax
9589 \global\let\and\relax
9590 }
9591 \def\@maketitle{%
9592 \newpage
9593 \null
9594 \vskip 2em%
9595 \begin{center}%
9596 \let \footnote \thanks
9597 \let \LTRfootnote \LTRthanks
9598 \let \RTLfootnote \RTLthanks
9599 {\LARGE \@title \par}%
9600 \vskip 1.5em%
9601 {\large
9602 \lineskip .5em%
9603 \begin{tabular}[t]{c}%
9604 \@author
9605 \end{tabular}\par}%
9606 \vskip 1em%
9607 {\large \@date}%
9608 \end{center}%
9609 \par
9610 \vskip 1.5em}
9611 \fi}
9612 \renewcommand*\l@part[2]{%
9613 \ifnum \c@tocdepth >-2\relax
9614 \addpenalty{-\@highpenalty}%
9615 \addvspace{2.25em \@plus\p@}%
9616 \setlength\@tempdima{3em}%
9617 \begingroup
9618 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
9619 \parfillskip -\@pnumwidth
9620 {\leavevmode
9621 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
9622 \nobreak
9623 \global\@nobreaktrue
9624 \everypar{\global\@nobreakfalse\everypar{}}%
9625 \endgroup
9626 \fi}
9627 \renewcommand*\l@chapter[2]{%
9628 \ifnum \c@tocdepth >\m@ne
9629 \addpenalty{-\@highpenalty}%
9630 \vskip 1.0em \@plus\p@
9631 \setlength\@tempdima{1.5em}%
9632 \begingroup
9633 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
9634 \parfillskip -\@pnumwidth
9635 \leavevmode \bfseries
9636 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
9637 \hskip -\if@RTL\rightskip\else\leftskip\fi

```



```

9638      #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
9639      \penalty\@highpenalty
9640      \endgroup
9641      \fi}
9642 \renewcommand\left@footnoterule{%
9643   \kern-3\p@
9644   \hrule\@width.4\columnwidth
9645   \kern2.6\p@}
9646 \renewcommand\right@footnoterule{%
9647   \kern-3\p@
9648   \hbox to \columnwidth{\hskip .6\columnwidth \hrulefill }
9649   \kern2.6\p@}
9650 \renewcommand\theequation
9651   {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
9652 \renewcommand \thefigure
9653   {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
9654 \renewcommand \thetable
9655   {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
9656 \renewcommand \thechapter {\@arabic\c@chapter}
9657 \renewcommand \thesection {\thechapter\@SepMark\@arabic\c@section}
9658 \renewcommand \thesubsection {\thesection\@SepMark\@arabic\c@subsection}
9659 \renewcommand \thesubsubsection {\thesubsection \@SepMark\@arabic\c@subsubsection}
9660 \renewcommand \theparagraph {\thesubsubsection \@SepMark\@arabic\c@paragraph}
9661 \renewcommand \thesubparagraph {\theparagraph \@SepMark\@arabic\c@subparagraph}
9662 \def\@makechapterhead#1{%
9663   \vspace*{50\p@}%
9664   {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi \normalfont
9665     \ifnum \c@secnumdepth >\m@ne
9666       \if@mainmatter
9667         \huge\bfseries \@chapapp\space \thechapter
9668         \par\nobreak
9669         \vskip 20\p@
9670       \fi
9671       \fi
9672       \interlinepenalty\@M
9673       \Huge \bfseries #1\par\nobreak
9674       \vskip 40\p@
9675   }}
9676 \def\@makeschapterhead#1{%
9677   \vspace*{50\p@}%
9678   {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
9679     \normalfont
9680     \interlinepenalty\@M
9681     \Huge \bfseries #1\par\nobreak
9682     \vskip 40\p@
9683   }}
9684 \renewcommand\backmatter{%
9685   \if@openright
9686     \cleardoublepage
9687   \else
9688     \clearpage
9689   \fi
9690   \@mainmatterfalse}
9691 \renewenvironment{thebibliography}[1]

```



```

9692     {\chapter*{\bibname}%
9693       \mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
9694       \ifRTL\ifLTRbibitems\RTLfalse\else\fi\else\ifRTLbibitems\RTLtrue\else\fi\fi
9695       \bidi@thebibliography@font@hook%
9696       \list{\@biblabel{\@arabic\c@enumiv}}%
9697         {\settowidth\labelwidth{\@biblabel{#1}}%
9698          \leftmargin\labelwidth
9699          \advance\leftmargin\labelsep
9700          \@openbib@code
9701          \usecounter{enumiv}%
9702          \let\p@enumiv\@empty
9703          \renewcommand\theenumiv{\@arabic\c@enumiv}}%
9704       \sloppy
9705       \clubpenalty4000
9706       \@clubpenalty \clubpenalty
9707       \widowpenalty4000%
9708       \sfcode\.\@m}
9709   {\def\@noitemerr
9710     {\@latex@warning{Empty `thebibliography' environment}}}%
9711   \endlist}

```

## 66 File breqn-xetex-bidi.def

```

9712 \ProvidesFile{breqn-xetex-bidi.def}[2016/09/12 v0.2 bidi adaptations for breqn package for X
9713 \def\@dmath[#1]{\ifRTL\RTLfalse\fi%
9714 \everydisplay\expandafter{\the\everydisplay \display@setup}%
9715 \ifnoskipsec \leavevmode \fi
9716 \ifinlabel \leavevmode \global\@inlabelfalse \fi
9717 \if\eq@group\else\eq@prelim\fi
9718 \setkeys{breqn}{#1}%
9719 \the\eqstyle
9720 \eq@setnumber
9721 \begingroup
9722 \eq@setup@a
9723 \eq@startup
9724 }
9725 \def\@dgroup[#1]{\ifRTL\RTLfalse\fi%
9726 \let\eq@group\@True \global\let\eq@GRP@first@dmath\@True
9727 \global\GRP@queue\@emptytoks \global\setbox\GRP@box\box\voidb@x
9728 \global\let\GRP@label\@empty
9729 \global\grp@wdL\z@\global\grp@wdR\z@\global\grp@wdT\z@
9730 \global\grp@linewidth\z@\global\grp@wdNum\z@
9731 \global\let\grp@eqs@numbered\@False
9732 \global\let\grp@aligned\@True
9733 \global\let\grp@shiftnumber\@False
9734 \eq@prelim
9735 \setkeys{breqn}{#1}%
9736 \if\grp@hasNumber \grp@setnumber \fi
9737 }
9738 \def\@dseries[#1]{\ifRTL\RTLfalse\fi%
9739 \let\display@setup\dseries@display@setup
9740 % Question: should this be the default for dseries???
9741 \global\eq@wdCond\z@
9742 \@dmath[layout={M},#1]%

```



```

9743 \mathsurround\z@\@@math \penalty\@Mi
9744 \let\endmath\ends@math
9745 \def\premath{%
9746   \ifdim\lastskip<.3em \unskip
9747   \else\ifnum\lastpenalty<\@M \dquad\fi\fi
9748 }%
9749 \def\postmath{\unpenalty\eq@addpunct \penalty\intermath@penalty \dquad \@ignoretrue}%
9750 \ignorespaces
9751 }
9752 \def\eqnumform#1{\if@nonlatin\beginR\@RTLtrue\fi(#1\@@italiccorr)\if@nonlatin\endR\fi}
9753 \renewenvironment{dsuspend}{%
9754   \global\setbox\EQ@box\vbox\bgroup\if@nonlatin\@RTLtrue\fi \@parboxrestore
9755   \parshape 1 \displayindent \displaywidth\relax
9756   \hsize=\columnwidth \noindent\ignorespaces
9757 }{%
9758   \par\egroup
9759   \global\setbox\GRP@box\vbox{%
9760     \hbox{\copy\EQ@box\top{\unvbox\EQ@box}}%
9761     \unvbox\GRP@box
9762   }%
9763   \global\GRP@queue\@xp{\the\GRP@queue
9764     \@elt{\let\eq@isIntertext\@True}%
9765   }%
9766 }

```

## 67 File cals-xetex-bidi.def

```

9767 \ProvidesFile{cals-xetex-bidi.def}[2016/11/30 v0.4 bidi adaptations for cals package for XeT
9768 \renewcommand\cals@setup@alignment[1]{%
9769 \if c#1\relax \cals@vfillAdd \leftskip \cals@vfillAdd \rightskip \fi
9770 \if l#1\relax \cals@vfillDrop\leftskip \cals@vfillDrop\rightskip \fi
9771 \if r#1\relax \cals@vfillAdd \leftskip \cals@vfillDrop\rightskip \fi
9772 }
9773 \renewcommand\cals@table@alignment{\if@RTLtab r\else l\fi}
9774 \renewenvironment{calstable}[1][\cals@table@alignment]{%
9775 \if@RTLtab\cals@activate@rtl\fi
9776 \let\cals@thead@tokens=\relax
9777 \let\cals@tfoot@tokens=\relax
9778 \let\cals@tbody@tokens=\relax
9779 \cals@tfoot@height=0pt \relax
9780 \let\cals@last@context=n%
9781 \let\cals@current@context=b%
9782 \parindent=0pt \relax%
9783 \cals@setup@alignment{#1}%
9784 \cals@setpadding{Ag}\cals@setcellprevdepth{Al}\cals@set@tohsize%
9785 %% Alignment inside is independent on center/flushright outside
9786 \parfillskip=0pt plus1fil\relax
9787 \let\cals@borderL=\relax
9788 \let\cals@borderR=\relax
9789 \let\cals@borderT=\relax
9790 \let\cals@borderB=\relax
9791 \setbox\cals@backup@row=\box\voidb@x\relax
9792 \cals@AtBeginTable
9793 }{% End of the table

```



```

9794 \cals@tfoot@tokens\lastrule\cals@AtEndTable}
9795 \renewcommand\alignL{%
9796 \if@RTLtab
9797   \cals@vfillAdd\cals@paddingL
9798 \else
9799   \cals@vfillDrop\cals@paddingL
9800 \fi
9801 \cals@vfillDrop\cals@paddingR}
9802 \renewcommand\alignR{%
9803 \if@RTLtab
9804   \cals@vfillDrop\cals@paddingL
9805 \else
9806   \cals@vfillAdd\cals@paddingL
9807 \fi
9808 \cals@vfillDrop\cals@paddingR}

```

## 68 File caption-xetex-bidi.def

```

9809 \ProvidesFile{caption-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for caption package]
9810 \let\@makecaption\caption@makecaption

```

## 69 File caption3-xetex-bidi.def

```

9811 \ProvidesFile{caption3-xetex-bidi.def}[2013/04/01 v0.1 bidi adaptations for caption3 package]
9812 \renewcommand*\caption@par{%
9813   \parindent\caption@parindent\hangindent\if@RTL-\fi\caption@hangindent}%

```

## 70 File colortbl-xetex-bidi.def

```

9814 \ProvidesFile{colortbl-xetex-bidi.def}[2012/06/10 v0.2 bidi adaptations for colortbl package]
9815 \def\CT@setup{%
9816   \@tempdimb\col@sep
9817   \@tempdimc\col@sep
9818   \def\CT@color{%
9819     \global\let\CT@do@color\CT@@do@color
9820     \bidicolor}}
9821 \def\@classz{\@classx
9822   \@tempcnta\count@
9823   \prepnext@tok
9824 \expandafter\CT@extract\the\toks\@tempcnta\columncolor!\@nil
9825   \@addtopreamble{\if@RTLtab\beginL\fi%
9826     \setbox\z@\hbox\bgroup\bgroup\if@RTLtab\beginR\fi
9827       \ifcase \@chnum
9828       \hskip\stretch{.5}\kern\z@
9829       \dollarbegin
9830       \insert@column
9831       \dollarend\hskip\stretch{.5}\or
9832       \dollarbegin \insert@column \dollarend \hfill \or
9833       \hfill\kern\z@ \dollarbegin \insert@column \dollarend \or
9834   $\vcenter
9835   \@startpbox{\@nextchar}\insert@column \@endpbox $\or
9836   \vtop \@startpbox{\@nextchar}\insert@column \@endpbox \or
9837   \vbox \@startpbox{\@nextchar}\insert@column \@endpbox
9838 \fi

```



```

9839 \if@RTLtab\endR\fi\egroup\egroup
9840 \begingroup
9841 \CT@setup
9842 \CT@column@color
9843 \CT@row@color
9844 \CT@cell@color
9845 \CT@do@color
9846 \endgroup
9847 \@tempdima\ht\z@
9848 \advance\@tempdima\minrowclearance
9849 \vrule\@height\@tempdima\@width\z@
9850 \unhbox\z@\if@RTLtab\endL\fi}%
9851 \prepnext@tok}

```

## 71 File color-xetex-bidi.def

```

9852 \ProvidesFile{color-xetex-bidi.def}[2013/04/08 v0.2 bidi adaptations for color package for Xe
9853 \long\def\color@b@x#1#2#3{%
9854 \leavevmode\ifhmode\else\if@RTL\beginL\fi\fi
9855 \setbox\z@\hbox{\kern\fbboxsep{\set@color\if@RTL\beginR\fi#3\if@RTL\endR\fi}\kern\fbboxsep}%
9856 \dimen@ht\z@\advance\dimen@\fbboxsep\ht\z@\dimen@
9857 \dimen@dp\z@\advance\dimen@\fbboxsep\dp\z@\dimen@
9858 \if1{#2\color@block{\wd\z@}{\ht\z@}{\dp\z@}}%
9859 \box\z@}\ifhmode\else\if@RTL\endL\fi\fi}
9860 \def\normalcolor{\let\current@color\default@color\ifhmode\if@RTL\beginL\aftergroup\endR\fi\fi}
9861 \DeclareRobustCommand\color{%
9862 \ifhmode\if@RTL\beginL\aftergroup\endR\fi\fi\@ifnextchar[\@undeclaredcolor\@declaredcolor]}
9863 \def\@declaredcolor#1{%
9864 \@ifundefined{\string\color @#1}%
9865 {\c@lor@error{`#1'}}%
9866 {\expandafter\let\expandafter\current@color
9867 \csname\string\color @#1\endcsname
9868 \set@color}%
9869 \ifhmode\if@RTL\beginR\aftergroup\endL\fi\fi\ignorespaces}
9870 \def\@undeclaredcolor[#1]#2{%
9871 \@ifundefined{color@#1}%
9872 {\c@lor@error{model `#1'}}%
9873 {\csname color@#1\endcsname\current@color{#2}%
9874 \set@color}%
9875 \ifhmode\if@RTL\beginR\aftergroup\endL\fi\fi\ignorespaces}
9876 \DeclareRobustCommand\bidicolor{%
9877 \@ifnextchar[\@bidiundeclaredcolor\@bidideclaredcolor]}
9878 \def\@bidiundeclaredcolor[#1]#2{%
9879 \@ifundefined{color@#1}%
9880 {\c@lor@error{model `#1'}}%
9881 {\csname color@#1\endcsname\current@color{#2}%
9882 \set@color}%
9883 \ignorespaces}
9884 \def\@bidideclaredcolor#1{%
9885 \@ifundefined{\string\color @#1}%
9886 {\c@lor@error{`#1'}}%
9887 {\expandafter\let\expandafter\current@color
9888 \csname\string\color @#1\endcsname
9889 \set@color}%

```



```

9890 \ignorespaces}
9891 \def\color@box#1#2{\color@b@x\relax{\bidicolor#1{#2}}}%
9892 \def\color@fbox#1#2#3{%
9893   \color@b@x{\fboxsep\z@\bidicolor#1{#2}\fbox}{\bidicolor#1{#3}}%
9894 \def\color@setgroup{\begingroup\ifhmode\if@RTL\beginL\aftergroup\endR\fi\fi\set@color\ifhmod

```

## 72 File combine-xetex-bidi.def

```

9895 \ProvidesFile{combine-xetex-bidi.def}[2011/09/23 v0.1 bidi adaptations for combine class for
9896 \renewcommand{\c@ll@chapsecii}[2]{%
9897   \if@RTL\advance\rightskip\@tempdima\else\advance\leftskip\@tempdima\fi
9898   \if@RTL\hskip -\rightskip\else\hskip -\leftskip\fi
9899   #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
9900 }
9901 \renewcommand{\c@ll@chapseci}{%
9902   \setlength\@tempdima{0em}%
9903   \begingroup
9904     \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
9905     \parfillskip -\@pnumwidth
9906     \leavevmode
9907 }
9908 \renewenvironment{tocindent}[1]{%
9909   \hangindent \if@RTL-\fi#1 \hangafter -100\relax}{%

```

## 73 File crop-xetex-bidi.def

```

9910 \ProvidesFile{crop-xetex-bidi.def}[2013/04/10 v0.2 bidi adaptations for crop package for XeT
9911 \renewcommand*\CROP@ulc{%
9912   \if@RTLmain%
9913     \begin{picture}(0,0)
9914       \unitlength\p@\thinline
9915       \put(-40,0){\circle{10}}
9916       \put(-30,-5){\line(0,1){10}}
9917       \put(-35,0){\line(1,0){30}}
9918       \put(-10,30){\circle{10}}
9919       \put(-5,30){\line(1,0){10}}
9920       \put(0,35){\line(0,-1){30}}
9921     \end{picture}%
9922   \else%
9923     \begin{picture}(0,0)
9924       \unitlength\p@\thinline
9925       \put(-30,0){\circle{10}}
9926       \put(-30,-5){\line(0,1){10}}
9927       \put(-35,0){\line(1,0){30}}
9928       \put(0,30){\circle{10}}
9929       \put(-5,30){\line(1,0){10}}
9930       \put(0,35){\line(0,-1){30}}
9931     \end{picture}%
9932   \fi%
9933 }
9934 \renewcommand*\CROP@urc{%
9935   \if@RTLmain%
9936     \begin{picture}(0,0)
9937       \unitlength\p@\thinline

```



```

9938         \put(20,0){\circle{10}}
9939         \put(30,-5){\line(0,1){10}}
9940         \put(35,0){\line(-1,0){30}}
9941         \put(-10,30){\circle{10}}
9942         \put(-5,30){\line(1,0){10}}
9943         \put(0,35){\line(0,-1){30}}
9944     \end{picture}%
9945 \else%
9946     \begin{picture}(0,0)
9947         \unitlength\p@\thinline
9948         \put(30,0){\circle{10}}
9949         \put(30,-5){\line(0,1){10}}
9950         \put(35,0){\line(-1,0){30}}
9951         \put(0,30){\circle{10}}
9952         \put(-5,30){\line(1,0){10}}
9953         \put(0,35){\line(0,-1){30}}
9954     \end{picture}%
9955 \fi%
9956 }
9957 \renewcommand*\CROP@llc{%
9958     \if@RTLmain%
9959         \begin{picture}(0,0)
9960             \unitlength\p@\thinline
9961             \put(-40,0){\circle{10}}
9962             \put(-30,-5){\line(0,1){10}}
9963             \put(-35,0){\line(1,0){30}}
9964             \put(-10,-30){\circle{10}}
9965             \put(-5,-30){\line(1,0){10}}
9966             \put(0,-35){\line(0,1){30}}
9967         \end{picture}%
9968     \else%
9969         \begin{picture}(0,0)
9970             \unitlength\p@\thinline
9971             \put(-30,0){\circle{10}}
9972             \put(-30,-5){\line(0,1){10}}
9973             \put(-35,0){\line(1,0){30}}
9974             \put(0,-30){\circle{10}}
9975             \put(-5,-30){\line(1,0){10}}
9976             \put(0,-35){\line(0,1){30}}
9977         \end{picture}%
9978     \fi%
9979 }
9980 \renewcommand*\CROP@llrc{%
9981     \if@RTLmain%
9982         \begin{picture}(0,0)
9983             \unitlength\p@\thinline
9984             \put(20,0){\circle{10}}
9985             \put(30,-5){\line(0,1){10}}
9986             \put(35,0){\line(-1,0){30}}
9987             \put(-10,-30){\circle{10}}
9988             \put(-5,-30){\line(1,0){10}}
9989             \put(0,-35){\line(0,1){30}}
9990         \end{picture}%
9991     \else%

```



```

9992 \begin{picture}(0,0)
9993 \unitlength\p@\thinline
9994 \put(30,0){\circle{10}}
9995 \put(30,-5){\line(0,1){10}}
9996 \put(35,0){\line(-1,0){30}}
9997 \put(0,-30){\circle{10}}
9998 \put(-5,-30){\line(1,0){10}}
9999 \put(0,-35){\line(0,1){30}}
10000 \end{picture}%
10001 \fi%
10002 }
10003 \ifpackagewith{crop}{cam}{%
10004 \CROP@execopt{cam}%
10005 }{}

```

## 74 File cutwin-xetex-bidi.def

```

10006 \ProvidesFile{cutwin-xetex-bidi.def}[2011/11/12 v0.1 bidi adaptations for cutwin package for
10007 \renewcommand*{\c@twcompctr}[2]{%
10008 \def\c@twfirst{1}
10009 \loop\advance\c@twwinlines\m@ne
10010 \setbox\c@twslicea=\vsplit#1 to\baselineskip
10011 \setbox\c@twsliceb=\vsplit#1 to\baselineskip
10012 \c@twprune{\c@twslicea}{\c@twlftside}%
10013 \c@twprune{\c@twsliceb}{\c@twrtside}%
10014 \ifnum\c@twfirst=\@ne
10015 \setbox#2=\vbox{\unvbox#2\hbox
10016 to\hsize{\if@RTL\box\c@twsliceb\else\box\c@twslicea\fi\pageinwindow\hfil\if@RTL\box\c@tw
10017 \else
10018 \setbox#2=\vbox{\unvbox#2\hbox
10019 to\hsize{\if@RTL\box\c@twsliceb\else\box\c@twslicea\fi\hfil\if@RTL\box\c@twslicea\else\box\c@tw
10020 \fi
10021 \def\c@twfirst{2}
10022 \ifnum\c@twwinlines>\z@\repeat}
10023 \renewcommand*{\c@twcompodctr}[2]{%
10024 \def\c@twrounds{1}
10025 \def\c@twfirst{1}
10026 \@for\c@twlspec:=\c@twb\do{%
10027 \ifnum\c@twrounds=1
10028 \setbox\c@twslicea=\vsplit#1 to\baselineskip % first of pair
10029 \c@twprune{\c@twslicea}{\c@twlspec}%
10030 \def\c@twrounds{2}
10031 \else
10032 \setbox\c@twsliceb=\vsplit#1 to\baselineskip % second of pair
10033 \c@twprune{\c@twsliceb}{\c@twlspec}%
10034 \ifnum\c@twfirst=1
10035 \setbox#2=\vbox{\unvbox#2\hbox
10036 to\hsize{\if@RTL\box\c@twsliceb\else\box\c@twslicea\fi\hfil\picinwindow\hfil\if@RTL\box\c@tw
10037 \def\c@twfirst{2}
10038 \else
10039 \setbox#2=\vbox{\unvbox#2\hbox
10040 to\hsize{\if@RTL\box\c@twsliceb\else\box\c@twslicea\fi\hfil\if@RTL\box\c@twslicea\else\box\c@tw
10041 \fi
10042 \def\c@twrounds{1}

```



```
10043 \fi}}
```

## 75 File cuted-xetex-bidi.def

```
10044 \ProvidesFile{cuted-xetex-bidi.def}[2022/02/18 v0.7 bidi adaptations for cuted package for X
10045
10046 \def\RTL@outputdblcol{%
10047   \if@firstcolumn
10048     \global\@firstcolumnfalse
10049     \global\setbox\@leftcolumn\copy\@outputbox
10050     \splitmaxdepth\maxdimen
10051     \vbadness\maxdimen
10052     \setbox\@outputbox\vbox{\unvbox\@outputbox\unskip}%
10053     \setbox\@outputbox\vsplit\@outputbox to\maxdimen
10054     \toks@\expandafter{\topmark}%
10055     \xdef\@firstcoltopmark{\the\toks@}%
10056     \toks@\expandafter{\splitfirstmark}%
10057     \xdef\@firstcolfirstmark{\the\toks@}%
10058     \ifx\@firstcolfirstmark\empty
10059       \global\let\@setmarks\relax
10060     \else
10061       \gdef\@setmarks{%
10062         \let\firstmark\@firstcolfirstmark
10063         \let\topmark\@firstcoltopmark}%
10064     \fi
10065   \else
10066     \global\@firstcolumntrue
10067     \setbox\@outputbox\vbox{%
10068       \hb@xt@\textwidth{%
10069         \hskip \columnwidth
10070         \hfil
10071         {\normalcolor\vrule \@width\columnseprule}%
10072         \hfil
10073         \hb@xt@\columnwidth{%
10074           \bidi@firstcolumn@status@write%
10075           \box\@leftcolumn \hss}%
10076         \hskip -\textwidth
10077         \hb@xt@\columnwidth{%
10078           \bidi@lastcolumn@status@write%
10079           \box\@outputbox \hss}%
10080         \hskip \columnsep
10081         \hskip \columnwidth }}%
10082     \ifvoid\hold@viper
10083     \else
10084       \setbox\@outputbox \vbox to\textheight{%
10085         \box\hold@viper
10086         \box\@outputbox
10087         \vss
10088       }%
10089     \fi
10090   \@combinedblfloats
10091   \@setmarks
10092   \@outputpage
10093   \begingroup
```



```

10094     \@dblfloatplacement
10095     \@startdblcolumn
10096     \@whiles\if@fcolmade \fi{\@outputpage
10097     \@startdblcolumn}%
10098     \ifvoid\@viper
10099     \else
10100         \global\setbox\@viper\vbox{%
10101             \vskip-\stripsep
10102             \unvbox\@viper
10103         }%
10104     \@viperoutput
10105     \fi
10106     \endgroup
10107 \fi}%
10108
10109 \def\LTR@outputdblcol{%
10110     \if@firstcolumn
10111         \global\@firstcolumnfalse
10112         \global\setbox\@leftcolumn\copy\@outputbox
10113         \splitmaxdepth\maxdimen
10114         \vbadness\maxdimen
10115         \setbox\@outputbox\vbox{\unvbox\@outputbox\unskip}%
10116         \setbox\@outputbox\vsplit\@outputbox to\maxdimen
10117         \toks@\expandafter{\topmark}%
10118         \xdef\@firstcoltopmark{\the\toks@}%
10119         \toks@\expandafter{\splitfirstmark}%
10120         \xdef\@firstcolfirstmark{\the\toks@}%
10121         \ifx\@firstcolfirstmark\@empty
10122             \global\let\@setmarks\relax
10123         \else
10124             \gdef\@setmarks{%
10125                 \let\firstmark\@firstcolfirstmark
10126                 \let\topmark\@firstcoltopmark}%
10127         \fi
10128     \else
10129         \global\@firstcolumntrue
10130         \setbox\@outputbox\vbox{%
10131             \hb@xt@\textwidth{%
10132                 \hb@xt@\columnwidth{%
10133                     \bidi@firstcolumn@status@write%
10134                     \box\@leftcolumn \hss}%
10135                 \hfil
10136                 {\normalcolor\vrule \@width\columnseprule}%
10137                 \hfil
10138                 \hb@xt@\columnwidth{%
10139                     \bidi@lastcolumn@status@write%
10140                     \box\@outputbox \hss}}}%
10141         \ifvoid\hold@viper
10142         \else
10143             \setbox\@outputbox \vbox to\textheight{%
10144                 \box\hold@viper
10145                 \box\@outputbox
10146                 \vss
10147             }%

```



```

10148 \fi
10149 \@combinedblfloats
10150 \@setmarks
10151 \@outputpage
10152 \beginngroup
10153 \@dblfloatplacement
10154 \@startdblcolumn
10155 \@whiles\if@fcolmade \fi{\@outputpage
10156 \@startdblcolumn}%
10157 \ifvoid\@viper
10158 \else
10159 \global\setbox\@viper\vbox{%
10160 \vskip-\stripsep
10161 \unvbox\@viper
10162 }%
10163 \@viperoutput
10164 \fi
10165 \endgroup
10166 \fi}%
10167
10168 \def\@addviper{%
10169 \insertfalse
10170 \def\var@@thecol@num{2}%
10171 \if@firstcolumn
10172 \def\var@@thecol@num{1}%
10173 \@reqcolroom=.5\@pageht
10174 \ht@viper=\@reqcolroom
10175 \advance\@reqcolroom by\ht\@viper
10176 \advance\@reqcolroom by\stripsep
10177 \else
10178 \@reqcolroom=\@colht
10179 \advance\@reqcolroom by\@pageht
10180 \ht@viper.5\@reqcolroom
10181 \@reqcolroom=\ht@viper
10182 \advance\@reqcolroom by\ht\@viper
10183 \advance\@reqcolroom by\stripsep
10184 \global\setbox\@holdpg\vbox{%
10185 \setbox\cuted@@tempbox@a\vbox{%
10186 \aftergroup\unvbox
10187 \unvcopy\@leftcolumn
10188 \unskip\unkern\unpenalty
10189 \setbox\@tempbox@a\lastbox
10190 \ifdim\dimexpr\ht\@tempbox@a+\wd\@tempbox@a+\dp\@tempbox@a>\z@
10191 %% keeps lastbox
10192 \aftergroup\@leftcolumn
10193 \else
10194 %% removes lastbox
10195 \aftergroup\cuted@@tempbox@a
10196 \fi
10197 }%
10198 \unskip\unkern\unpenalty
10199 \on@stripcols@break
10200 \the\At@ViperColsBreak
10201 \unvbox\@holdpg

```



```

10202         }%
10203         \global\At@ViperColsBreak{}%
10204         \ht@viper=.5\ht\@holdpg
10205         \ifdim\ht@viper>\@colht
10206             \ht@viper=\@colht
10207         \fi
10208     \fi
10209     %%
10210     %% calculations for breaking
10211     %%
10212     \ifvoid\hold@viper
10213         \ht@hold@viper=\z@
10214     \else
10215         \ht@hold@viper=\ht\hold@viper
10216     \fi
10217     \cuted@@tempdim@b\ht@viper
10218     \set@split@topskip@to\topskip
10219     \loop
10220         \xdef\saved@tempdimb{\the\cuted@@tempdim@b}%
10221         \setbox\cuted@@varbox@a\copy\@holdpg
10222         \setbox\cuted@@tempbox@a\vsplit\cuted@@varbox@a to\cuted@@tempdim@b
10223         %% set leftcolumn boxes
10224         \setbox\cuted@@tempbox@c\ vbox{\unvbox\cuted@@tempbox@a}%
10225         \setbox\cuted@@tempbox@a\ vbox to\cuted@@tempdim@b{\unvcopy\cuted@@tempbox@c}%
10226         \xdef\var@@leftcolumn@badness{\the\badness}%
10227         %% set rightcolumn boxes
10228         \setbox\cuted@@varbox@c\ vbox{\unvbox\cuted@@varbox@a}%
10229         \setbox\cuted@@varbox@a\ vbox to\cuted@@tempdim@b{\unvcopy\cuted@@varbox@c}%
10230         \xdef\var@@rightcolumn@badness{\the\badness}%
10231         %% analyzing split goodness
10232         \cuted@@tempdim@spread=\ht\cuted@@tempbox@c
10233         \advance\cuted@@tempdim@spread by\dp\cuted@@tempbox@c
10234         \advance\cuted@@tempdim@spread by-\ht\cuted@@varbox@c
10235         \advance\cuted@@tempdim@spread by-\dp\cuted@@varbox@c
10236         \cuted@@wlog@debug{CUTED [----]}%
10237         ^^JLeft: \the\ht\cuted@@tempbox@c
10238         +\the\dp\cuted@@tempbox@c\space/\var@@leftcolumn@badness
10239         ^^JRight: \the\ht\cuted@@varbox@c
10240         +\the\dp\cuted@@varbox@c\space/\var@@rightcolumn@badness
10241         ^^JSplit: \the\cuted@@tempdim@b
10242         ^^JExtra height: \the\cuted@@tempdim@spread
10243     }%
10244     \ifnum\var@@leftcolumn@badness<\cuted@@column@badness
10245         \ifnum\var@@rightcolumn@badness<\cuted@@column@badness
10246             \cuted@@tempdim@spread=\z@
10247         \fi
10248     \fi
10249     \ifdim\cuted@@tempdim@spread<\z@
10250         \if@leftcolumn@spread
10251             \if@rightcolumn@shrink
10252                 \ifdim\dimexpr\cuted@@tempdim@spread+\pageshrink>\z@
10253                     \cuted@@tempdim@a=\dimexpr\ht\cuted@@tempbox@c-0.5\cuted@@tempdim@spread
10254                 \else
10255                     \cuted@@tempdim@a=-\dimexpr\cuted@@tempdim@spread+.5\pageshrink\rela

```



```

10256         \fi
10257         \setbox\cuted@@varbox@a\vbox to\cuted@@tempdim@a{\unvcopy\cuted@@tempbox@c}
10258         \ifnum\badness<\cuted@@column@badness
10259             \cuted@@tempdim@b=\cuted@@tempdim@a
10260             \cuted@@tempdim@spread=\z@
10261         \fi
10262         \cuted@@wlog@debug{CUTED [leftcolumn badness]: \number\badness\space on \the\ht}
10263         \setbox\cuted@@varbox@a\vbox to\cuted@@tempdim@a{\unvcopy\cuted@@varbox@c}
10264         \cuted@@wlog@debug{CUTED [rightcolumn badness]: \number\badness\space on \the\ht}
10265     \else
10266         \setbox\cuted@@varbox@a\vbox to\ht\cuted@@varbox@c{\unvcopy\cuted@@tempbox@c}
10267         \ifnum\badness<\cuted@@column@badness
10268             \cuted@@tempdim@b=\ht\cuted@@varbox@c
10269             \cuted@@tempdim@spread=\z@
10270         \fi
10271         \cuted@@wlog@debug{CUTED [leftcolumn badness]: \number\badness on \the\ht}
10272         \setbox\cuted@@varbox@a\vbox to\ht\cuted@@varbox@c{\unvcopy\cuted@@varbox@c}
10273         \ifnum\badness<\cuted@@column@badness
10274             \cuted@@tempdim@b=\ht\cuted@@varbox@c
10275             \cuted@@tempdim@spread=\z@
10276         \fi
10277         \cuted@@wlog@debug{CUTED [rightcolumn badness]: \number\badness on \the\ht}
10278     \fi
10279 \else
10280     \if@right@column@shrink
10281         \ifdim\dimexpr\cuted@@tempdim@spread+\pageshrink<\z@
10282             \else
10283                 \cuted@@tempdim@b=\ht\cuted@@tempbox@c
10284                 \cuted@@tempdim@spread=\z@
10285             \fi
10286         \fi
10287     \fi
10288 \else
10289     \ifdim\cuted@@tempdim@spread>\z@
10290         \ifdim\dimexpr\cuted@@tempdim@spread+\p@>\colht
10291             \cuted@@tempdim@b=\colht
10292             \cuted@@tempdim@spread=\z@
10293         \fi
10294     \fi
10295 \fi
10296 \ifdim\cuted@@tempdim@spread<\z@
10297     \advance\cuted@@tempdim@b 1\p@
10298 \repeat
10299 \wlog{CUTED [- LAST -]}
10300 ^^JExtra skip:\the\cuted@@tempdim@spread
10301 ^^JLeft:\the\ht\cuted@@tempbox@c/\the\dp\cuted@@tempbox@c
10302 ^^JRight:\the\ht\cuted@@varbox@c/\the\dp\cuted@@varbox@c
10303 ^^JSplit:\saved@tempdimb
10304 ^^JOutput:\the\cuted@@tempdim@b
10305 ^^JPageshrink:\the\pageshrink
10306 ^^JPagestretch:\the\pagestretch
10307 ^^J@colht:\the\@colht
10308 }%
10309 %%

```



```

10310 %% final construction of the cuted page above strip
10311 %%
10312 \setbox\cuted@@tempbox@c\vsplit\@holdpg to\saved@tempdimb
10313 \setbox\cuted@@tempbox@a\vbox to\cuted@@tempdim@b{%
10314   \cuted@@tempdim@a=\dimexpr
10315     \cuted@@tempdim@b-\ht\cuted@@tempbox@c
10316     \relax
10317   \cuted@@tempdim@spread=\dp\cuted@@tempbox@c
10318   \unvbox\cuted@@tempbox@c
10319   \ifdim\cuted@@tempdim@spread>\dp\strutbox
10320   \else
10321     \vskip-\cuted@@tempdim@spread
10322   \fi
10323   \prevdepth\z@
10324   \hrule\@height\cuted@@page@rule width\textwidth
10325   \vskip-\cuted@@page@rule
10326   \ifdim\cuted@@tempdim@a>\z@
10327     \if@left@column@spread
10328     \else
10329       \vss
10330     \fi
10331   \else
10332     \ifdim\cuted@@tempdim@a<\z@
10333       \if@left@column@shrink
10334       \else
10335         \vss
10336       \fi
10337     \fi
10338   \fi
10339 }%
10340 \wlog{CUTED [output]: \the\cuted@@tempdim@b
10341   ^^JCUTED [leftcolumn badness]: \number\badness
10342 }%
10343 \setbox\cuted@@varbox@a\vbox to\cuted@@tempdim@b{%
10344   \cuted@@tempdim@a=\dimexpr
10345     \cuted@@tempdim@b-\ht\@holdpg
10346     \relax
10347   \unvbox\@holdpg
10348   \ifdim\cuted@@tempdim@a>\z@
10349     \if@right@column@spread
10350     \else
10351       \vss
10352     \fi
10353   \else
10354     \ifdim\cuted@@tempdim@a<\z@
10355       \if@right@column@shrink
10356       \else
10357         \vss
10358       \fi
10359     \fi
10360   \fi
10361 }%
10362 \wlog{CUTED [rightcolumn badness]: \number\badness}%
10363 \setbox\cuted@@tempbox@var\vbox{%

```



```

10364      \hb@xt@\textwidth{%
10365      \if@RTLmain
10366      \hskip \columnwidth
10367      \hfil
10368      {\normalcolor\vrule \@width\columnseprule}%
10369      \hfil
10370      \hb@xt@\columnwidth{%
10371      \vbox to\ht@viper{\box\cuted@@tempbox@a\vss}%
10372      \hss
10373      }%
10374      \hskip -\textwidth
10375      \hb@xt@\columnwidth{%
10376      \vbox to\ht@viper{\box\cuted@@varbox@a\vss}%
10377      \hss
10378      }%
10379      \hskip \columnsep
10380      \hskip \columnwidth
10381      \else
10382      \hb@xt@\columnwidth{%
10383      \vbox to\ht@viper{\box\cuted@@tempbox@a\vss}%
10384      \hss
10385      }%
10386      \hfil
10387      {\normalcolor\vrule \@width\columnseprule}%
10388      \hfil
10389      \hb@xt@\columnwidth{%
10390      \vbox to\ht@viper{\box\cuted@@varbox@a\vss}%
10391      \hss
10392      }%
10393      \fi
10394      }%
10395      }%
10396      %%
10397      %% finalize cuted page
10398      %%
10399      \ifvoid\hold@viper
10400      \global\setbox\hold@viper\vbox{%
10401      \unvbox\cuted@@tempbox@var
10402      \penalty\interlinepenalty
10403      \vskip\stripsep
10404      \the\preCutedStrip
10405      \ifnum\outputpenalty<-\@Mii
10406      \vskip -\parskip
10407      \fi
10408      \outputpenalty\z@
10409      }%
10410      \else
10411      \global\setbox\hold@viper\vbox{%
10412      \unvbox\hold@viper
10413      \cuted@@tempbox@var
10414      \penalty\interlinepenalty
10415      \vskip\stripsep
10416      \the\preCutedStrip
10417      \ifnum\outputpenalty<-\@Mii

```



```

10418         \vskip -\parskip
10419     \fi
10420     \outputpenalty\z@
10421     }%
10422 \fi
10423 \ifdim\@colht>\@reqcolroom
10424     \global\setbox\hold@viper\vbox{%
10425         \unvbox\hold@viper
10426         \box\@viper
10427         \penalty\interlinepenalty
10428         \the\postCutedStrip
10429         \vskip\stripsep
10430         \ifnum\outputpenalty<-\@Mii
10431             \vskip -\parskip
10432         \fi
10433         \outputpenalty\z@
10434     }%
10435     \@inserttrue
10436     \global\@firstcolumntrue
10437     \advance\ht@hold@viper by-\ht\hold@viper
10438     \global\advance\@colht by\ht@hold@viper
10439     \ifdim\@colht<2.5\baselineskip
10440         \@latex@warning@no@line {Optional argument of \noexpand\twocolumn
10441                                     too tall on page \thepage (\var@@thecol@num column)}}%
10442         \@emptycol
10443         \if@firstcolumn
10444         \else
10445             \@emptycol
10446         \fi
10447         \global\@lastvipertrue
10448     \else
10449         \global\vsizel\@colht
10450         \global\@colroom\@colht
10451         \check@floats\cuted@@tempdim@a
10452         \ifdim\cuted@@tempdim@a>\z@
10453             \global\advance\@colroom by-\cuted@@tempdim@a
10454         \fi
10455         \ifdim\@colroom<\z@
10456             \global\@colroom\p@
10457             \ifdim\cuted@@tempdim@a>\@colht
10458                 \@latex@warning@no@line{TOP and/or BOT FLOAT's
10459                                         to large on \thepage (\var@@thecol@num column)}}%
10460             \fi
10461             \@emptycol
10462             \if@firstcolumn
10463             \else
10464                 \@emptycol
10465             \fi
10466             \global\@lastvipertrue
10467         \fi
10468     \fi
10469 \fi
10470 \if@insert
10471 \else

```



```

10472      \advance\ht@hold@viper by-\ht\hold@viper
10473      \global\advance\colht by\ht@hold@viper
10474      \global\setbox\hold@viper\ vbox{%
10475          \unvbox\hold@viper
10476          \set@split@topskip@to{\z@ plus2\p@}%
10477          \vsplit\@viper to\colht
10478          \vss
10479      }%
10480      \vbox{%
10481      \global\@firstcolumnfalse
10482      \newpage
10483      \fi
10484      }

```

## 76 File cvthemebidicasual.sty

```

10485 \NeedsTeXFormat{LaTeX2e}
10486 \ProvidesPackage{cvthemebidicasual}
10487 \DeclareOption{blue}{}
10488 \newif\if@colourorange\@colourorangefalse
10489 \DeclareOption{orange}{\@colourorange true}
10490 \newif\if@colourgreen\@colourgreenfalse
10491 \DeclareOption{green}{\@colourgreen true}
10492 \newif\if@colourred\@colourredfalse
10493 \DeclareOption{red}{\@colourred true}
10494 \newif\if@colourgrey\@colourgreyfalse
10495 \DeclareOption{grey}{\@colourgrey true}
10496 \DeclareOption*{
10497   \PackageWarning{cvthemebidicasual}{Unknown option ‘\CurrentOption’}}
10498 \ExecuteOptions{colour}
10499 \ProcessOptions\relax
10500 \renewcommand*{\listitemsymbol}{\textbullet}
10501 \definecolor{firstnamecolor}{rgb}{0.65,0.65,0.65}
10502 \familynamecolour{808080}
10503 \firstnamecolour{A9A9A9}
10504 \quotecolour{696969}
10505 \addresscolour{696969}
10506 \definecolor{sectionrectanglecolor}{rgb}{0.25,0.50,0.75}
10507 \sectiontitlecolour{1E90FF}
10508 \subsectioncolour{4682B4}
10509 \definecolor{rulecolour}{gray}{0.6}
10510 \definecolor{footersymbolcolour}{rgb}{0.25,0.50,0.75}
10511 \definecolor{footersymbolcolor}{rgb}{0.25,0.50,0.75}
10512 \if@colourorange
10513   \definecolor{sectionrectanglecolor}{rgb}{1.00,0.65,0.20}
10514   \definecolor{sectionrectanglecolor}{rgb}{1.00,0.65,0.20}
10515   \sectiontitlecolour{FF8C00}
10516   \subsectioncolour{FF8C00}
10517   \definecolor{footersymbolcolour}{rgb}{0.95,0.55,0.15}
10518   \definecolor{footersymbolcolor}{rgb}{0.95,0.55,0.15}\fi
10519 \if@colourgreen
10520   \definecolor{sectionrectanglecolor}{rgb}{0.55,0.85,0.35}
10521   \definecolor{sectionrectanglecolour}{rgb}{0.55,0.85,0.35}
10522   \sectiontitlecolour{008000}

```



```

10523 \subsectioncolour{008000}
10524 \definecolor{footersymbolcolour}{rgb}{0.30,0.65,0.15}
10525 \definecolor{footersymbolcolor}{rgb}{0.30,0.65,0.15}\fi
10526 \if@colourred
10527 \definecolor{sectionrectanglecolor}{rgb}{1.00,0.30,0.30}
10528 \definecolor{sectionrectanglecolour}{rgb}{1.00,0.30,0.30}
10529 \sectiontitlecolour{FF0000}
10530 \subsectioncolour{FF0000}
10531 \definecolor{footersymbolcolour}{rgb}{0.95,0.20,0.20}
10532 \definecolor{footersymbolcolor}{rgb}{0.95,0.20,0.20}\fi
10533 \if@colourgrey
10534 \definecolor{sectionrectanglecolor}{rgb}{0.75,0.75,0.75}
10535 \definecolor{sectionrectanglecolour}{rgb}{0.75,0.75,0.75}
10536 \sectiontitlecolour{808080}
10537 \subsectioncolour{808080}
10538 \definecolor{footersymbolcolour}{rgb}{0.35,0.35,0.35}
10539 \definecolor{footersymbolcolor}{rgb}{0.35,0.35,0.35}\fi
10540 \renewcommand*{\ttdefault}{pcr}
10541 \renewcommand*{\firstnamefont}{\fontsize{38}{40}\mdseries\upshape}
10542 \renewcommand*{\familynamefont}{\firstnamefont}
10543 \renewcommand*{\addressfont}{\normalsize\mdseries\slshape}
10544 \renewcommand*{\quoteontext}{\large\slshape}
10545 \renewcommand*{\sectionfont}{\Large\mdseries\upshape}
10546 \renewcommand*{\subsectionfont}{\large\mdseries\upshape}
10547 \renewcommand*{\maketitle}{%
10548   {%
10549     \ifthenelse{\isundefined{\@photo}}{%
10550       {}%
10551       {\color{firstnamecolor}\framebox{\includegraphics[width=\@photowidth]{\@photo}}}%
10552       \hfill%
10553       \bidi@raggedleft{\firstnamestyle{\@firstname}~\familynamestyle{\@familyname}}\[-.35em]}%
10554       {\color{firstnamecolor}\rule{\textwidth}{.25ex}\[2.5em]}%
10555     \ifthenelse{\isundefined{\@quote}}{%
10556       {}%
10557       {\centering{\begin{minipage}{\quotewidth}\centering\quotestyle{\@quote}\end{minipage}}}%
10558     }%
10559 \newif\if@firstfooterelement\@firstfooterelementtrue
10560 \providecommand*{\footersymbol}{%
10561 \renewcommand*{\footersymbol}{%
10562 \if@firstfooterelement%
10563 \else%
10564 { ~\color{footersymbolcolor}\textbullet~~}\fi}
10565 \providecommand*{\makefooter}{%
10566 \renewcommand*{\makefooter}{%
10567 \fancypagestyle{plain}{%
10568 \fancyfoot[c]{%
10569 \parbox{0.8\textwidth}{%
10570 \centering%
10571 \addressfont\@addresscolour%
10572 \ifthenelse{\isundefined{\@address}}{}{}%
10573 \addresssymbol~\@address\\%
10574 \@firstfooterelementfalse}%
10575 \ifthenelse{\isundefined{\@mobile}}{}{\mobilesymbol~\@mobile\@firstfooterelementfalse}%
10576 \ifthenelse{\isundefined{\@phone}}{}{\footersymbol\phonesymbol~\@phone\@firstfooterelementfalse}%

```



```

10577     \ifthenelse{\isundefined{\@fax}}{\footersymbol\faxsymbol~\@fax\@firstfooterelementfa
10578     \ifthenelse{\isundefined{\@email}}{\footersymbol\emailsymbol~\emaillink{\@email}\@fi
10579     \ifthenelse{\isundefined{\@extrainfo}}{\footersymbol\@extrainfo\@firstfooterelementf
10580   }%
10581   \pagestyle{plain}}
10582 \AtBeginDocument{\makefooter}

```

## 77 File cvthemebidiclassic.sty

```

10583 \NeedsTeXFormat{LaTeX2e}
10584 \ProvidesPackage{cvthemebidiclassic}
10585 \DeclareOption{blue}{}
10586 \newif\if@colourorange\@colourorangefalse
10587 \DeclareOption{orange}{\@colourorange>true}
10588 \newif\if@colourgreen\@colourgreenfalse
10589 \DeclareOption{green}{\@colourgreentrue}
10590 \newif\if@colourred\@colourredfalse
10591 \DeclareOption{red}{\@colourred>true}
10592 \newif\if@colourgrey\@colourgreyfalse
10593 \DeclareOption{grey}{\@colourgrey>true}
10594 \DeclareOption*{
10595   \PackageWarning{cvthemebidiclassic}{Unknown option '\CurrentOption'}}
10596 \ExecuteOptions{colour}
10597 \ProcessOptions\relax
10598 \renewcommand*{\listitemsymbol}{\textbullet}
10599 \firstnamecolour{}
10600 \familynamecolour{}
10601 \titlecolour{808080}
10602 \quotecolour{696969}
10603 \addresscolour{696969}
10604 \definecolor{sectionrectanglecolour}{rgb}{0.25,0.50,0.75}
10605 \definecolor{sectionrectanglecolor}{rgb}{0.25,0.5,0.75}
10606 \sectiontitlecolour{1E90FF}
10607 \subsectioncolour{4682B4}
10608 \if@colourorange
10609   \addresscolour{FF8C00}
10610   \definecolor{sectionrectanglecolour}{rgb}{1.00,0.65,0.20}
10611   \definecolor{sectionrectanglecolor}{rgb}{1,0.65,0.20}
10612   \sectiontitlecolour{FF8C00}
10613   \subsectioncolour{FF8C00}\fi
10614 \if@colourgreen
10615   \addresscolour{008000}
10616   \definecolor{sectionrectanglecolour}{rgb}{0.55,0.85,0.35}
10617   \definecolor{sectionrectanglecolor}{rgb}{0.55,0.85,0.35}
10618   \sectiontitlecolour{008000}
10619   \subsectioncolour{008000}\fi
10620 \if@colourred
10621   \addresscolour{FF0000}
10622   \definecolor{sectionrectanglecolour}{rgb}{1.00,0.30,0.30}
10623   \definecolor{sectionrectanglecolor}{rgb}{1.00,0.30,0.30}
10624   \sectiontitlecolour{FF0000}
10625   \subsectioncolour{FF0000}\fi
10626 \if@colourgrey
10627   \addresscolour{808080}

```



```

10628 \definecolor{sectionrectanglecolour}{rgb}{0.75,0.75,0.75}
10629 \definecolor{sectionrectanglecolor}{rgb}{0.75,0.75,0.75}
10630 \sectiontitlecolour{808080}
10631 \subsectioncolour{808080}\fi
10632 \renewcommand*{\ttdefault}{pcr}
10633 \renewcommand*{\firstnamefont}{\fontsize{34}{36}\mdseries\upshape}
10634 \renewcommand*{\titlefont}{\LARGE\mdseries\slshape}
10635 \renewcommand*{\addressfont}{\normalsize\mdseries\slshape}
10636 \renewcommand*{\familynamefont}{\firstnamefont}
10637 \renewcommand*{\quoteont}{\large\slshape}
10638 \renewcommand*{\sectionfont}{\Large\mdseries\upshape}
10639 \renewcommand*{\subsectionfont}{\large\mdseries\upshape}
10640 \newlength{\maketitlenamemaxwidth}
10641 \setlength{\maketitlenamemaxwidth}{.525\textwidth}
10642 \newlength{\maketitlenamefullwidth}
10643 \settowidth{\maketitlenamefullwidth}{\firstnamestyle{\@firstname~}\familynamestyle{\@familyname}}
10644 \newlength{\maketitlenamewidth}
10645 \ifnum\maketitlenamemaxwidth<\maketitlenamefullwidth\setlength{\maketitlenamewidth}{\maketitlenamemaxwidth}
10646 \newlength{\maketitlepicturewidth}
10647 \setlength{\maketitlepicturewidth}{\@photowidth}
10648 \newlength{\maketitledetailwidth}
10649 \renewcommand*{\recomputethemelengths}{%
10650 \setlength{\maketitledetailwidth}{\textwidth}%
10651 \addtolength{\maketitledetailwidth}{-\maketitlenamewidth}%
10652 \addtolength{\maketitledetailwidth}{-\separatorcolumnwidth}%
10653 \addtolength{\maketitledetailwidth}{-\maketitlepicturewidth}}
10654 \recomputethemelengths
10655 \newif\if@firstdetailselement\@firstdetailselementtrue
10656 \newcommand*{\maketitledetailnewline}{
10657 \if@firstdetailselement%
10658 \@firstdetailselementfalse%
10659 \else%
10660 \[.2em]\fi}
10661 \renewcommand*{\maketitle}{%
10662 % name and title
10663 \begin{minipage}[b]{\maketitlenamewidth}%
10664 \firstnamestyle{\@firstname~}\familynamestyle{\@familyname}%
10665 \ifthenelse{equal{\@title}{}}{\}\{\}\[1.25em]\titlestyle{\@title}}%
10666 \end{minipage}%
10667 % optional data
10668 \begin{minipage}[b]{\maketitledetailwidth}%
10669 \bidi@raggedleft\addressfont\addresscolour%
10670 \ifthenelse{\isundefined{\@address}}{\}\{\}%
10671 \maketitledetailnewline%
10672 \addresssymbol~\@address}%
10673 \ifthenelse{\isundefined{\@mobile}}{\}\{\}\maketitledetailnewline\mobilesymbol~\@mobile}%
10674 \ifthenelse{\isundefined{\@phone}}{\}\{\}\maketitledetailnewline\phonesymbol~\@phone}%
10675 \ifthenelse{\isundefined{\@fax}}{\}\{\}\maketitledetailnewline\faxsymbol~\@fax}%
10676 \ifthenelse{\isundefined{\@email}}{\}\{\}\maketitledetailnewline\emailsymbol~\emailink{\@email}}%
10677 \ifthenelse{\isundefined{\@extrainfo}}{\}\{\}\maketitledetailnewline\@extrainfo}%
10678 \end{minipage}%
10679 % optional photo
10680 \ifthenelse{\isundefined{\@photo}}{\}\{\}%
10681 {}%

```



```

10682     {\hspace*{\separatorcolumnwidth}\color{firstnamecolor}\framebox{\includegraphics[width=
10683 % optional quote
10684 \ifthenelse{\isundefined{\@quote}}{
10685 }{
10686 {\centering{\begin{minipage}{\quotewidth}\centering\quotestyle{\@quote}\end{minipage}}}\
10687 }

```

## 78 File dblfnote-xetex-bidi.def

```

10688 \ProvidesFile{dblfnote-xetex-bidi.def}[2012/12/12 v0.3 bidi adaptations for dblfnote package]
10689 \let\autofootnoterule\relax
10690 \let\rightfootnoterule\relax
10691 \let\leftfootnoterule\relax
10692 \let\textwidthfootnoterule\relax
10693 \let\LRfootnoterule\relax
10694 \def\footnoterule{\kern-3\p@
10695 \hrule \@width \DFNcolumnwidth \kern 2.6\p@}%
10696 \AtBeginDocument{\let\dfn@latex@footnotetext\@footnotetext
10697 \let\@footnotetext\dfn@footnotetext}
10698 \long\def\dfn@LTRfootnotetext#1{{\setbox\dfn@boxa\vbox{
10699 \let\insert\dfn@gobble
10700 \columnwidth\DFNcolumnwidth \hbadness\c@DFNsloppiness
10701 \def\@makefnmark{\smash{\dfn@makefnmark}}
10702 \dfn@latex@LTRfootnotetext{#1}\par \boxmaxdepth\dfn@fnmaxdp}%
10703 \dfn@dima\ht\dfn@boxa \advance\dfn@dima\dp\dfn@boxa
10704 \ifdim\dfn@dima>z@\else
10705 \dfn@dima1sp\relax
10706 \setbox\dfn@boxa\vbox{\vbox to1sp{\unvbox\dfn@boxa\vfil}}\fi
10707 \global\setbox\dfn@ins\vbox{\boxmaxdepth\dfn@fnmaxdp
10708 \ifvoid\dfn@ins\else
10709 \unvbox\dfn@ins \allowbreak \nointerlineskip \fi
10710 \ifdfn@allowcbreak \unvbox \else \box \fi \dfn@boxa}%
10711 \setbox\dfn@boxa\copy\dfn@ins
10712 \dfn@split{.5\ht\dfn@boxa}\dfn@boxa\dfn@boxb\dfn@fnmaxdp\footnotesep
10713 \advance\@tempdima\@tempdimb \@tempdimb\@tempdima
10714 \advance\@tempdima-\dfn@fnht \global\dfn@fnht\@tempdimb
10715 \insert\footins{\floatingpenalty\@MM \vbox to\@tempdima{}}}%
10716 \xdef\dfn@list{\dfn@list\@elt{\number\dfn@dima}{\number\@tempdima}}}}
10717 \AtBeginDocument{\let\dfn@latex@LTRfootnotetext\@LTRfootnotetext
10718 \let\@LTRfootnotetext\dfn@LTRfootnotetext}
10719 \long\def\dfn@RTLfootnotetext#1{{\setbox\dfn@boxa\vbox{
10720 \let\insert\dfn@gobble
10721 \columnwidth\DFNcolumnwidth \hbadness\c@DFNsloppiness
10722 \def\@makefnmark{\smash{\dfn@makefnmark}}
10723 \dfn@latex@RTLfootnotetext{#1}\par \boxmaxdepth\dfn@fnmaxdp}%
10724 \dfn@dima\ht\dfn@boxa \advance\dfn@dima\dp\dfn@boxa
10725 \ifdim\dfn@dima>z@\else
10726 \dfn@dima1sp\relax
10727 \setbox\dfn@boxa\vbox{\vbox to1sp{\unvbox\dfn@boxa\vfil}}\fi
10728 \global\setbox\dfn@ins\vbox{\boxmaxdepth\dfn@fnmaxdp
10729 \ifvoid\dfn@ins\else
10730 \unvbox\dfn@ins \allowbreak \nointerlineskip \fi
10731 \ifdfn@allowcbreak \unvbox \else \box \fi \dfn@boxa}%
10732 \setbox\dfn@boxa\copy\dfn@ins

```



```

10733 \dfn@split{.5\ht\dfn@boxa}\dfn@boxa\dfn@boxb\dfn@fnmaxdp\footnotesep
10734 \advance\@tempdima\@tempdimb \@tempdimb\@tempdima
10735 \advance\@tempdima-\dfn@fnht \global\dfn@fnht\@tempdimb
10736 \insert\footins{\floatingpenalty\@MM \vbox to\@tempdima{}}}%
10737 \xdef\dfn@list{\dfn@list\@elt{\number\dfn@dima}\@elt{\number\@tempdima}}}}
10738 \AtBeginDocument{\let\dfn@latex@RTLfootnotetext\@RTLfootnotetext
10739 \let\@RTLfootnotetext\dfn@RTLfootnotetext}
10740 \def\dfn@RTLmakecol{\ifvoid\footins\else
10741 \dfn@dima\ht\footins
10742 \@tempcnta\z@ \dfn@countins
10743 \@tempdima\z@ \let\@elt\dfn@elt@getht
10744 \dfn@list\@nil
10745 \ifdim\@tempdima=\z@\else
10746 \dfn@split\@tempdima\dfn@ins\dfn@boxa\z@\z@
10747 \global\setbox\dfn@ins\box\dfn@ins
10748 \@tempswatrue
10749 \ifdfn@trysingle
10750 \setbox\dfn@boxb\vbox{\unvcopy\@cclv}\@tempdima\@colroom
10751 \advance\@tempdima-\ht\dfn@boxb \advance\@tempdima-\dp\dfn@boxb
10752 \advance\@tempdima-\skip\footins
10753 \advance\@tempdima-\ht\dfn@boxa
10754 \ifdim\@tempdima<\z@\else \@tempswafalse
10755 \global\setbox\footins\vbox{\boxmaxdepth\dfn@fnmaxdp
10756 \footnoterule \unvbox\dfn@boxa}\fi\fi
10757 \if@tempswa
10758 \dfn@split{\dfn@dima}\dfn@boxa\dfn@boxb\dfn@fnmaxdp\footnotesep
10759 \global\setbox\footins\vbox{\hbox{%
10760 \hskip \DFNcolumnwidth
10761 \hskip\DFNcolumnsep
10762 \hbox to\DFNcolumnwidth{\vbox to\@tempdima{\footnoterule
10763 \unvbox\dfn@boxb\vss}\hss}
10764 \hskip -\textwidth
10765 \hbox to\DFNcolumnwidth{\ifvoid\dfn@boxa\else
10766 \vbox to\@tempdima{
10767 \setbox\@tempboxa\vbox{\footnoterule}
10768 \ifdfn@ruleboth \unvbox\@tempboxa
10769 \else \@tempdima\ht\@tempboxa
10770 \advance\@tempdima\dp\@tempboxa
10771 \vskip\@tempdima
10772 \prevdepth\dp\@tempboxa \fi
10773 \unvbox\dfn@boxa\vss}\fi\hss}
10774 \hskip \DFNcolumnsep
10775 \hskip \DFNcolumnwidth}}}\fi\fi
10776 \global\dfn@fnht\z@
10777 \ifx\dfn@list\@empty\else
10778 \let\@elt\dfn@elt@adjust \dfn@dima\z@ \dfn@dimb\z@
10779 \dfn@list \global\advance\dfn@fnht\dfn@dimb
10780 \let\@elt\relax
10781 \ifdim\dfn@dimb>\z@
10782 \xdef\dfn@list{\@elt{0}\@elt{\number\dfn@dimb}\dfn@list}%
10783 \insert\footins{\floatingpenalty\@MM
10784 \vbox to\dfn@dimb{}}\fi
10785 \ifdim\dfn@fnht>\@tempdima
10786 \@tempdimb\@tempdima \advance\@tempdimb-\dfn@fnht

```



```

10787             \global\dfn@fnht\@tempdima
10788             \xdef\dfn@list{\dfn@list\@elt{0}{\number\@tempdimb}}%
10789             \xdef\dfn@afteroutput{\insert\footins{
10790                 \floatingpenalty\MM
10791                 \vbox to\number\@tempdimb sp{}}}%
10792             \global\let\noexpand\dfn@afteroutput\relax}%
10793         \fi\fi
10794     \fi}%
10795     \let\footnoterule\relax \dfn@latex@makecol
10796     \let\footnoterule\dfn@footnoterule}
10797 \def\dfn@LTRmakecol{\ifvoid\footins\else
10798     \dfn@dima\ht\footins
10799     \@tempcnta\z@ \dfn@countins
10800     \@tempdima\z@ \let\@elt\dfn@elt@getht
10801     \dfn@list\@nil
10802     \ifdim\@tempdima=\z@\else
10803     \dfn@split\@tempdima\dfn@ins\dfn@boxa\z@\z@
10804     \global\setbox\dfn@ins\box\dfn@ins
10805     \@tempswatrue
10806     \ifdfn@trysingle
10807         \setbox\dfn@boxb\vbox{\unvcopy\@cclv}\@tempdima\@colroom
10808         \advance\@tempdima-\ht\dfn@boxb \advance\@tempdima-\dp\dfn@boxb
10809         \advance\@tempdima-\skip\footins
10810         \advance\@tempdima-\ht\dfn@boxa
10811         \ifdim\@tempdima<\z@\else \@tempswafalse
10812             \global\setbox\footins\vbox{\boxmaxdepth\dfn@fnmaxdp
10813                 \footnoterule \unvbox\dfn@boxa}\fi\fi
10814     \if@tempswa
10815     \dfn@split{\dfn@dima}\dfn@boxa\dfn@boxb\dfn@fnmaxdp\footnotesep
10816     \global\setbox\footins\vbox{\hbox{%
10817         \hbox to\DFNcolumnwidth{\vbox to\@tempdima{\footnoterule
10818             \unvbox\dfn@boxb\vss}\hss}\hskip\DFNcolumnsep
10819         \hbox to\DFNcolumnwidth{\ifvoid\dfn@boxa\else
10820             \vbox to\@tempdima{
10821                 \setbox\@tempboxa\vbox{\footnoterule}
10822                 \ifdfn@ruleboth \unvbox\@tempboxa
10823                 \else \@tempdima\ht\@tempboxa
10824                     \advance\@tempdima\dp\@tempboxa
10825                     \vskip\@tempdima
10826                     \prevdepth\dp\@tempboxa \fi
10827                 \unvbox\dfn@boxa\vss}\fi\hss}}}\fi\fi
10828     \global\dfn@fnht\z@
10829     \ifx\dfn@list\@empty\else
10830         \let\@elt\dfn@elt@adjust \dfn@dima\z@ \dfn@dimb\z@
10831         \dfn@list \global\advance\dfn@fnht\dfn@dimb
10832         \let\@elt\relax
10833         \ifdim\dfn@dimb>\z@
10834             \xdef\dfn@list{\@elt{0}{\number\dfn@dimb}\dfn@list}%
10835             \insert\footins{\floatingpenalty\MM
10836                 \vbox to\dfn@dimb{}}\fi
10837         \ifdim\dfn@fnht>\@tempdima
10838             \@tempdimb\@tempdima \advance\@tempdimb-\dfn@fnht
10839             \global\dfn@fnht\@tempdima
10840             \xdef\dfn@list{\dfn@list\@elt{0}{\number\@tempdimb}}%

```



```

10841 \xdef\dfn@afteroutput{\insert\footins{
10842 \floatingpenalty\@MM
10843 \vbox to\number\@tempdimb sp{}}}%
10844 \global\let\noexpand\dfn@afteroutput\relax}%
10845 \fi\fi
10846 \fi}%
10847 \let\footnoterule\relax \dfn@latex@makecol
10848 \let\footnoterule\dfn@footnoterule}
10849 \renewcommand{\dfn@makecol}{\if@RTLmain\dfn@RTLmakecol\else\dfn@LTRmakecol\fi}
10850 \newcommand{\RTLdfnmakecol}{\renewcommand{\dfn@makecol}{\dfn@RTLmakecol}}
10851 \newcommand{\LTRdfnmakecol}{\renewcommand{\dfn@makecol}{\dfn@LTRmakecol}}
10852 \DFNalwaysdouble

```

## 79 File diagbox-xetex-bidi.def

```

10853 \ProvidesFile{diagbox-xetex-bidi.def}[2017/12/30 v0.2 bidi adaptations for diagbox package f
10854 \bidi@patchcmd{\diagbox@double}{%
10855 \begin{tabular}{@{\hspace{\diagbox@insepl}}>{\diagbox@font}l@{}}
10856 }{\bidi@@diagbox@double@ii}{-}{-}
10857 \bidi@patchcmd{\diagbox@double}{%
10858 \begin{tabular}{@{}>{\diagbox@font}r@{\hspace{\diagbox@insepr}}}}
10859 }{\bidi@@diagbox@double@iii}{-}{-}
10860 \newcommand*{\bidi@@diagbox@double@ii}{%
10861 \if@RTL
10862 \begin{tabular}{@{}>{\diagbox@font}r@{\hspace{\diagbox@insepl}}}}
10863 \else
10864 \begin{tabular}{@{\hspace{\diagbox@insepl}}>{\diagbox@font}l@{}}
10865 \fi
10866 }
10867 \newcommand*{\bidi@@diagbox@double@iii}{%
10868 \if@RTL
10869 \begin{tabular}{@{\hspace{\diagbox@insepr}}>{\diagbox@font}l@{}}
10870 \else
10871 \begin{tabular}{@{}>{\diagbox@font}r@{\hspace{\diagbox@insepr}}}}
10872 \fi
10873 }
10874 \bidi@patchcmd{\diagbox@triple@setbox@NW}{%
10875 \begin{tabular}{@{\hspace{\diagbox@insepl}}>{\diagbox@font}l@{}}
10876 }{\bidi@@diagbox@triple@setbox@NW@tabular@i@ii}{-}{-}
10877 \bidi@patchcmd{\diagbox@triple@setbox@NW}{%
10878 \begin{tabular}{@{\hspace{\diagbox@insepl}}>{\diagbox@font}l@{}}
10879 }{\bidi@@diagbox@triple@setbox@NW@tabular@i@ii}{-}{-}
10880 \bidi@patchcmd{\diagbox@triple@setbox@NW}{%
10881 \begin{tabular}{@{}>{\diagbox@font}r@{\hspace{\diagbox@insepr}}}}
10882 }{\bidi@@diagbox@triple@setbox@NW@tabular@iii}{-}{-}
10883 \newcommand*{\bidi@@diagbox@triple@setbox@NW@tabular@i@ii}{%
10884 \if@RTL
10885 \begin{tabular}{@{}>{\diagbox@font}r@{\hspace{\diagbox@insepl}}}}
10886 \else
10887 \begin{tabular}{@{\hspace{\diagbox@insepl}}>{\diagbox@font}l@{}}
10888 \fi}
10889 \newcommand*{\bidi@@diagbox@triple@setbox@NW@tabular@iii}{%
10890 \if@RTL
10891 \begin{tabular}{@{\hspace{\diagbox@insepr}}>{\diagbox@font}l@{}}

```



```

10892 \else
10893 \begin{tabular}{@{}>{\diagbox@font}r@{\hspace{\diagbox@insepr}}}%
10894 \fi}
10895 \let\diagbox@triple@setbox@SW\diagbox@triple@setbox@NW
10896 \bidi@patchcmd{\diagbox@triple@setbox@SE}{%
10897 \begin{tabular}{@{\hspace{\diagbox@insepl}}l@{}}%
10898 }{\bidi@@diagbox@triple@setbox@SE@tabular@i}{-}{-}
10899 \bidi@patchcmd{\diagbox@triple@setbox@SE}{%
10900 \begin{tabular}{@{}r@{\hspace{\diagbox@insepr}}}%
10901 }{\bidi@@diagbox@triple@setbox@SE@tabular@ii@iii}{-}{-}
10902 \bidi@patchcmd{\diagbox@triple@setbox@SE}{%
10903 \begin{tabular}{@{}r@{\hspace{\diagbox@insepr}}}%
10904 }{\bidi@@diagbox@triple@setbox@SE@tabular@ii@iii}{-}{-}
10905 \newcommand*{\bidi@@diagbox@triple@setbox@SE@tabular@i}{%
10906 \if@RTL
10907 \begin{tabular}{@{}r@{\hspace{\diagbox@insepl}}}%
10908 \else
10909 \begin{tabular}{@{\hspace{\diagbox@insepl}}l@{}}
10910 \fi
10911 }
10912 \newcommand*{\bidi@@diagbox@triple@setbox@SE@tabular@ii@iii}{%
10913 \if@RTL
10914 \begin{tabular}{@{\hspace{\diagbox@insepr}}l@{}}
10915 \else
10916 \begin{tabular}{@{}r@{\hspace{\diagbox@insepr}}}%
10917 \fi
10918 }
10919 \let\diagbox@triple@setbox@NE\diagbox@triple@setbox@SE
10920 \bidi@patchcmd{\diagbox@double@pict@SE}{%
10921 \diagbox@setlinecolor
10922 \Line(0,\strip@pt\diagbox@ht)(\strip@pt\diagbox@wd,0)%
10923 }{%
10924 {\diagbox@setlinecolor
10925 \Line(0,\strip@pt\diagbox@ht)(\strip@pt\diagbox@wd,0)}%
10926 }{-}{-}
10927 \let\diagbox@double@pict@NW\diagbox@double@pict@SE
10928 \bidi@patchcmd{\diagbox@double@pict@NE}{%
10929 \diagbox@setlinecolor
10930 \Line(0,0)(\strip@pt\diagbox@wd,\strip@pt\diagbox@ht)%
10931 }{%
10932 {\diagbox@setlinecolor
10933 \Line(0,0)(\strip@pt\diagbox@wd,\strip@pt\diagbox@ht)}%
10934 }{-}{-}
10935 \let\diagbox@double@pict@SW\diagbox@double@pict@NE
10936 \bidi@patchcmd{\diagbox@triple@pict@NW}{%
10937 \diagbox@setlinecolor
10938 \Line(0,\yym)(\x,0)
10939 \Line(\xm,\y)(\x,0)%
10940 }{%
10941 {\diagbox@setlinecolor
10942 \Line(0,\yym)(\x,0)
10943 \Line(\xm,\y)(\x,0)}%
10944 }{-}{-}
10945 \bidi@patchcmd{\diagbox@triple@pict@NE}{%

```



```

10946 \diagbox@setlinecolor
10947 \Line(0,0)(\xxm,\y)
10948 \Line(0,0)(\x,\yym)%
10949 }{%
10950 {\diagbox@setlinecolor
10951 \Line(0,0)(\xxm,\y)
10952 \Line(0,0)(\x,\yym)}%
10953 }{}{}
10954 \bidi@patchcmd{\diagbox@triple@pict@SW}{%
10955 \diagbox@setlinecolor
10956 \Line(0,\ym)(\x,\y)
10957 \Line(\xm,0)(\x,\y)%
10958 }{%
10959 {\diagbox@setlinecolor
10960 \Line(0,\ym)(\x,\y)
10961 \Line(\xm,0)(\x,\y)}%
10962 }{}{}
10963 \bidi@patchcmd{\diagbox@triple@pict@SE}{%
10964 \diagbox@setlinecolor
10965 \Line(0,\y)(\xxm,0)
10966 \Line(0,\y)(\x,\ym)%
10967 }{%
10968 {\diagbox@setlinecolor
10969 \Line(0,\y)(\xxm,0)
10970 \Line(0,\y)(\x,\ym)}%
10971 }{}{}

```

## 80 File draftwatermark-xetex-bidi.def

```

10972 \ProvidesFile{draftwatermark-xetex-bidi.def}[2010/07/25 v0.2 bidi adaptations for draftwatermark]
10973 \renewcommand\SetWatermarkText[1]{%
10974 \def\sc@wm@text{\if@RTLmain\beginR\fi#1\if@RTLmain\endR\fi}}

```

## 81 File eso-pic-xetex-bidi.def

```

10975 \ProvidesFile{eso-pic-xetex-bidi.def}[2022/02/18 v0.4 bidi adaptations for eso-pic package]
10976 \renewcommand\AtPageLowerLeft[1]{\AtPageUpperLeft{%
10977 \put(\if@RTLmain\paperwidth\else 0\fi,-\paperheight){#1}}}
10978
10979 \ESO@isMEMOIR{%
10980 \renewcommand\AtTextUpperLeft[1]{%
10981 \begingroup
10982 \ifodd\c@page
10983 \if@RTLmain
10984 \ESO@tempdima=\paperwidth
10985 \advance\ESO@tempdima-\textwidth
10986 \advance\ESO@tempdima-\spinemargin
10987 \else
10988 \ESO@tempdima=\spinemargin
10989 \fi
10990 \else
10991 \if@RTLmain
10992 \ESO@tempdima=\spinemargin
10993 \else

```



```

10994         \ESO@tempdima=\paperwidth
10995         \advance\ESO@tempdima-\textwidth
10996         \advance\ESO@tempdima-\spinemargin
10997         \fi
10998     \fi
10999     \ESO@tempdimb=-\uppermargin
11000     \AtPageUpperLeft{%
11001         \put(\if@RTLmain-\textwidth-\fi\ESO@tempdima,\ESO@tempdimb){#1}%
11002     }%
11003 \endgroup
11004 }
11005 }{%
11006 \renewcommand\AtTextUpperLeft[1]{%
11007     \begingroup
11008         \ESO@tempdima=1in\relax
11009         \if@twoside
11010             \ifodd\c@page
11011                 \if@RTLmain
11012                     \advance\ESO@tempdima\evensidemargin
11013                 \else
11014                     \advance\ESO@tempdima\oddsidemargin
11015                 \fi
11016             \else
11017                 \if@RTLmain
11018                     \advance\ESO@tempdima\oddsidemargin
11019                 \else
11020                     \advance\ESO@tempdima\evensidemargin
11021                 \fi
11022             \fi
11023             \advance\ESO@tempdima\oddsidemargin
11024             \fi
11025             \ESO@tempdimb=-1in\relax
11026             \advance\ESO@tempdimb-\topmargin
11027             \advance\ESO@tempdimb-\headheight
11028             \advance\ESO@tempdimb-\headsep
11029             \AtPageUpperLeft{%
11030                 \put(\if@RTLmain-\textwidth-\fi\ESO@tempdima,\ESO@tempdimb){#1}%
11031             }%
11032         }%
11033     \endgroup
11034 }
11035 }

```

## 82 File empheq-xetex-bidi.def

```

11036 \ProvidesFile{empheq-xetex-bidi.def}[2018/01/08 v0.2 bidi adaptations for empheq package for
11037 \MHInternalSyntaxOn
11038 \def\EQ_tag_plus_endmark:{%
11039     \iftagsleft@
11040         \gdef\maketag@@@##1{%
11041             \hfuzz\displaywidth
11042             \if@RTL\makebox[\widthof{##1}][r]{%
11043                 \hbox to \displaywidth{\m@th\normalfont##1\hss
11044                     \raisebox{-\dp\EQ_mathdisplay_box

```



```

11045         -\depthof{\EQ_outerbox: {}}
11046         {\PotEndMark{\hss}}}}
11047     \else\makebox[\widthof{##1}][l]{%
11048         \hbox to \displaywidth{\m@th\normalfont##1\hss
11049         \raisebox{-\dp\EQ_mathdisplay_box
11050         -\depthof{\EQ_outerbox: {}}
11051         {\PotEndMark{\hss}}}\fi}%
11052 \MH_else:
11053     \gdef\maketag@@@##1{%
11054         \hbox{\m@th\normalfont##1\llap{\hss\PotEndMark{%
11055             \settoheight{\@tempdima}{\@nameuse{\InTheoType Symbol}}}%
11056             \MH_addtolength:dn \@tempdima
11057             {\g_EQ_bottomtag_depth_dim+\mintagvsep}
11058             \setlength{\@tempdimb}
11059             {\g_EQ_bottomrow_depth_dim+\depthof{\EQ_outerbox: {}}
11060             +\depthof{\EQ_innerbox: {}}}}
11061             \MH_if_dim:w \@tempdima>\@tempdimb
11062             \MH_setlength:dn \@tempdima{-\dp\EQ_mathdisplay_box
11063             -\@tempdima+\g_EQ_bottomrow_depth_dim}
11064             \addtolength{\@tempdima}{\depthof{\EQ_innerbox: {}}}%
11065             \def\EQ_next:{\raisebox{\@tempdima}}}%
11066         \MH_else:
11067             \def\EQ_next:{
11068                 \raisebox{-\dp\EQ_mathdisplay_box
11069                 -\depthof{\EQ_outerbox: {}}}%
11070             \MH_fi:\EQ_next:}}}%
11071     \MH_fi:}
11072 \def\EQ_post_process:{%
11073     \EQ_initialize:
11074     \EQ_begin_equation:
11075     \MH_if_boolean:nT {outer_mult}{
11076         \setkeys{MT_options_name:}{
11077             firstline-afterskip=0pt,
11078             lastline-preskip=0pt,
11079             multlined-width=0pt,
11080         }
11081         \ifodd \l_EQ_alignmentmode_int
11082             \setkeys{MT_options_name:}{multlined-pos=b}
11083         \MH_else:
11084             \setkeys{MT_options_name:}{multlined-pos=t}
11085         \MH_fi:
11086         \g@addto@macro\EQ_complete_mathdisplay:{
11087             \begin{MTmultlined}\relax
11088         }
11089         \g@addto@macro\EQ_complete_mathdisplay:\EQ_mathbody:
11090         \MH_if_boolean:nT {outer_mult}{
11091             \g@addto@macro\EQ_complete_mathdisplay:{\end{MTmultlined}}
11092         }
11093         \EQ_end_equation:
11094         \edef\EQ_hyperref_link_fint{\number\Hy@linkcounter}
11095         \savecounters@
11096         \EQ_typeset_tags:
11097         \edef\l_EQ_equation_fint{\number\c@equation}
11098         \restorecounters@

```



```

11099 \Hy@linkcounter=\EQ_hyperref_link_fint
11100 \settowidth\l_EQ_totalwidth_dim{%
11101   $\EQ_left_side:\EQ_innerbox:{}\EQ_right_side:$}%
11102 \MH_if_boolean:nTF {outer_mult}
11103   { \def\EQ_next:{_mult} }
11104   { \def\EQ_next:{} }
11105 \@nameuse{EQ_modify_linewidth_
11106   \romannumeral\l_EQ_equationtype_int\EQ_next: :}%
11107 \EQ_typeset_display:
11108 \@nameuse{EQ_find_displaywidth_
11109   \romannumeral\l_EQ_equationtype_int\EQ_next: :}%
11110 \MH_addtolength:dn
11111   \l_EQ_totalwidth_dim\l_EQ_displaywidth_dim}
11112 \savebox\EQ_mathdisplay_box[\l_EQ_totalwidth_dim][c]{%
11113   $\EQ_left_side:
11114   \EQ_innerbox:{%
11115     \MH_if_case:w \l_EQ_alignmentmode_int\MH_or:
11116     \makebox[\l_EQ_displaywidth_dim][c]
11117     {\usebox{\EQ_mathdisplay_box}}}%
11118   \MH_or:
11119     \makebox[\l_EQ_displaywidth_dim][c]
11120     {\usebox{\EQ_mathdisplay_box}}}%
11121   \MH_or:
11122     \if@RTL\makebox[\l_EQ_displaywidth_dim][r]{%
11123       \MH_if_num:w \l_EQ_equationtype_int=5 \MH_else:
11124         \MH_if_num:w \l_EQ_equationtype_int=6 \MH_else:
11125         \kern-\@mathmargin
11126         \MH_fi:
11127       \MH_fi:
11128       \usebox{\EQ_mathdisplay_box}}%
11129     \else\makebox[\l_EQ_displaywidth_dim][l]{%
11130       \MH_if_num:w \l_EQ_equationtype_int=5 \MH_else:
11131       \MH_if_num:w \l_EQ_equationtype_int=6 \MH_else:
11132       \kern-\@mathmargin
11133       \MH_fi:
11134       \MH_fi:
11135       \usebox{\EQ_mathdisplay_box}}\fi%
11136   \MH_or:
11137     \if@RTL\makebox[\l_EQ_displaywidth_dim][r]{%
11138       \MH_if_num:w \l_EQ_equationtype_int=5 \MH_else:
11139       \MH_if_num:w \l_EQ_equationtype_int=6 \MH_else:
11140       \kern-\@mathmargin
11141       \MH_fi:
11142       \MH_fi:
11143       \usebox{\EQ_mathdisplay_box}}
11144     \else\makebox[\l_EQ_displaywidth_dim][l]{%
11145       \MH_if_num:w \l_EQ_equationtype_int=5 \MH_else:
11146       \MH_if_num:w \l_EQ_equationtype_int=6 \MH_else:
11147       \kern-\@mathmargin
11148       \MH_fi:
11149       \MH_fi:
11150       \usebox{\EQ_mathdisplay_box}}\fi%
11151   \MH_fi:}%
11152   \EQ_right_side:$}%

```



```

11153 \begin{AmSequation*}
11154 \@nameuse{EQ_place_display_
11155 \romannumeral\l_EQ_equationtype_int\EQ_next: :}
11156 \MH_if_dim:w \g_EQ_widesttag_dim>\z@
11157 \MH_set_boolean_T:n {show_manual_tags}
11158 \MH_if_case:w \l_EQ_alignmentmode_int
11159 \MH_or: \if@RTL\EQ_place_tag:N l\else\EQ_place_tag:N r\fi %#1
11160 \MH_or: \if@RTL\EQ_place_tag:N r\else\EQ_place_tag:N l\fi %#2
11161 \MH_or: \if@RTL\EQ_place_tag:N l\else\EQ_place_tag:N r\fi %#3
11162 \MH_or: \if@RTL\EQ_place_tag:N r\else\EQ_place_tag:N l\fi %#4
11163 \MH_fi:
11164 \MH_fi:
11165 \end{AmSequation*}
11166 \global\c@equation=\l_EQ_equation_fint\relax
11167 }
11168 \AtBeginDocument{%
11169 \@ifpackageloaded{fancybox}{%
11170 \@ifpackageloaded{color}{\definecolor{shadowcolor}{rgb}{0,0,0}}%
11171 {\renewcommand*\textcolor[2]{\normalcolor{#2}}}%
11172 \renewcommand*\shadowbox{%
11173 \@ifstar{\MH_set_boolean_T:n {shadowbox_star}
11174 \VerbBox\EQ_shadowbox:n}
11175 {\MH_set_boolean_F:n {shadowbox_star}
11176 \VerbBox\EQ_shadowbox:n}}
11177 \def\EQ_shadowbox:n #1{%
11178 \sbox{\z@}{\fbox{#1}}%
11179 \MH_if_boolean:nTF {shadowbox_star}{
11180 \MH_setlength:dn \@tempdima{\z@}%
11181 }{
11182 \MH_setlength:dn \@tempdima{\dp\z@+\shadowsize}%
11183 }
11184 \raisebox{\@tempdima}{%
11185 \if@RTL\makebox[\z@][r]{%
11186 \kern\shadowsize \textcolor{shadowcolor}{%
11187 \rule[-\dp\z@-\shadowsize]{\wd\z@}{\shadowsize}}%
11188 }%
11189 \else\makebox[\z@][l]{%
11190 \kern\shadowsize \textcolor{shadowcolor}{%
11191 \rule[-\dp\z@-\shadowsize]{\wd\z@}{\shadowsize}}%
11192 }\fi%
11193 \usebox\z@\textcolor{shadowcolor}{%
11194 \rule[-\dp\z@-\shadowsize]{\shadowsize}{\ht\z@+\dp\z@}}}%
11195 }{}%
11196 }
11197 \MHInternalSyntaxOff

```

## 83 File extarticle-xetex-bidi.def

```

11198 \ProvidesFile{extarticle-xetex-bidi.def}[2017/06/09 v0.4 bidi adaptations for extarticle cla
11199 \renewcommand*\l@section[2]{%
11200 \ifnum \c@tocdepth >\z@
11201 \addpenalty\@secpenalty
11202 \addvspace{1.0em \@plus\p@}%
11203 \setlength\@tempdima{1.5em}%

```



```

11204 \beginngroup
11205 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
11206 \parfillskip -\@pnumwidth
11207 \leavevmode \bfseries
11208 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
11209 \hskip -\if@RTL\rightskip\else\leftskip\fi
11210 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
11211 \endgroup
11212 \fi}
11213 \renewcommand*\l@part[2]{%
11214 \ifnum \c@tocdepth >-2\relax
11215 \addpenalty\@secpenalty
11216 \addvspace{2.25em \@plus\p@}%
11217 \beginngroup
11218 \setlength\@tempdima{3em}%
11219 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
11220 \parfillskip -\@pnumwidth
11221 {\leavevmode
11222 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
11223 \nobreak
11224 \endgroup
11225 \fi}
11226 \def\@part[#1]#2{%
11227 \ifnum \c@secnumdepth >\m@ne
11228 \refstepcounter{part}%
11229 \addcontentsline{toc}{part}{\thepart\hspace{1em}#1}%
11230 \else
11231 \addcontentsline{toc}{part}{#1}%
11232 \fi
11233 {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
11234 \interlinepenalty \@M
11235 \normalfont
11236 \ifnum \c@secnumdepth >\m@ne
11237 \Large\bfseries \partname-\thepart
11238 \par\nobreak
11239 \fi
11240 \huge \bfseries #2%
11241 \markboth{}{}\par}%
11242 \nobreak
11243 \vskip 3ex
11244 \@afterheading}
11245 \def\@spart#1{%
11246 {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
11247 \interlinepenalty \@M
11248 \normalfont
11249 \huge \bfseries #1\par}%
11250 \nobreak
11251 \vskip 3ex
11252 \@afterheading}
11253 \renewenvironment{thebibliography}[1]
11254 {\section*{\refname
11255 \mkboth{\MakeUppercase\refname}{\MakeUppercase\refname}}%
11256 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
11257 \bidi@@thebibliography@font@hook%

```



```

11258      \list{\@biblabel{\@arabic\c@enumiv}}%
11259      {\settowidth\labelwidth{\@biblabel{#1}}%
11260       \leftmargin\labelwidth
11261       \advance\leftmargin\labelsep
11262       \@openbib@code
11263       \usecounter{enumiv}%
11264       \let\p@enumiv\@empty
11265       \renewcommand\theenumiv{\@arabic\c@enumiv}}%
11266      \sloppy\clubpenalty4000\widowpenalty4000%
11267      \sfcode`. \m}
11268      {\def\@noitemerr
11269       {\@latex@warning{Empty `thebibliography' environment}}}%
11270      \endlist}
11271 \renewcommand\left@footnoterule{%
11272   \kern-3\p@
11273   \hrule\@width.4\columnwidth
11274   \kern2.6\p@}
11275 \renewcommand\right@footnoterule{%
11276   \kern-3\p@
11277   \hbox to \columnwidth{\hskip .6\columnwidth \hrulefill }
11278   \kern2.6\p@}
11279   \if@titlepage
11280   \renewcommand\maketitle{\begin{titlepage}%
11281     \let\footnotesize\small
11282     \let\right@footnoterule\relax
11283     \let\left@footnoterule\relax
11284     \let\textwidth\footnoterule\relax
11285     \let \footnote \thanks
11286     \null\vfil
11287     \vskip 60\p@
11288     \begin{center}%
11289       {\LARGE \@title \par}%
11290       \vskip 3em%
11291       {\large
11292         \lineskip .75em%
11293         \begin{tabular}[t]{c}%
11294           \@author
11295           \end{tabular}\par}%
11296       \vskip 1.5em%
11297       {\large \@date \par}%           % Set date in \large size.
11298     \end{center}\par
11299     \@thanks
11300     \vfil\null
11301   \end{titlepage}}%
11302   \setcounter{footnote}{0}%
11303   \global\let\thanks\relax
11304   \global\let\maketitle\relax
11305   \global\let\@thanks\@empty
11306   \global\let\@author\@empty
11307   \global\let\@date\@empty
11308   \global\let\@title\@empty
11309   \global\let\title\relax
11310   \global\let\author\relax
11311   \global\let\date\relax

```



```

11312 \global\let\and\relax
11313 }
11314 \else
11315 \renewcommand\maketitle{\par
11316 \begin{group}
11317 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
11318 \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
11319 \long\def\@makefntext##1{\parindent 1em\noindent
11320 \hspace{1.8em}%
11321 \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
11322 \if@twocolumn
11323 \ifnum \col@number=\@ne
11324 \maketitle
11325 \else
11326 \twocolumn[\maketitle]%
11327 \fi
11328 \else
11329 \newpage
11330 \global\@topnum\z@ % Prevents figures from going at top of page.
11331 \maketitle
11332 \fi
11333 \thispagestyle{plain}\@thanks
11334 \endgroup
11335 \setcounter{footnote}{0}%
11336 \global\let\thanks\relax
11337 \global\let\maketitle\relax
11338 \global\let\@maketitle\relax
11339 \global\let\@thanks\@empty
11340 \global\let\@author\@empty
11341 \global\let\@date\@empty
11342 \global\let\@title\@empty
11343 \global\let\title\relax
11344 \global\let\author\relax
11345 \global\let\date\relax
11346 \global\let\and\relax
11347 }
11348 \def\@maketitle{%
11349 \newpage
11350 \null
11351 \vskip 2em%
11352 \begin{center}%
11353 \let \footnote \thanks
11354 {\LARGE \@title \par}%
11355 \vskip 1.5em%
11356 {\large
11357 \lineskip .5em%
11358 \begin{tabular}[t]{c}%
11359 \@author
11360 \end{tabular}\par}%
11361 \vskip 1em%
11362 {\large \@date}%
11363 \end{center}%
11364 \par
11365 \vskip 1.5em}

```



```

11366 \fi
11367 \renewcommand\thesubsection {\thesection\@SepMark\@arabic\c@section}
11368 \renewcommand\thesubsubsection{\thesubsection \@SepMark\@arabic\c@subsubsection}
11369 \renewcommand\theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
11370 \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}%%

```

## 84 File extbook-xetex-bidi.def

```

11371 \ProvidesFile{extbook-xetex-bidi.def}[2017/06/09 v0.4 bidi adaptations for extbook class for
11372 \if@titlepage
11373 \renewcommand\maketitle{\begin{titlepage}%
11374 \let\footnotesize\small
11375 \let\right@footnoterule\relax
11376 \let\left@footnoterule\relax
11377 \let\textwidth\footnoterule\relax
11378 \let \footnote \thanks
11379 \let \LTRfootnote \LTRthanks
11380 \let \RTLfootnote \RTLthanks
11381 \null\vfil
11382 \vskip 60\p@
11383 \begin{center}%
11384 {\LARGE \@title \par}%
11385 \vskip 3em%
11386 {\large
11387 \lineskip .75em%
11388 \begin{tabular}[t]{c}%
11389 \@author
11390 \end{tabular}\par}%
11391 \vskip 1.5em%
11392 {\large \@date \par}% % Set date in \large size.
11393 \end{center}\par
11394 \@thanks
11395 \vfil\null
11396 \end{titlepage}%
11397 \setcounter{footnote}{0}%
11398 \global\let\thanks\relax
11399 \global\let\LTRthanks\relax
11400 \global\let\RTLthanks\relax
11401 \global\let\maketitle\relax
11402 \global\let\@thanks\@empty
11403 \global\let\@author\@empty
11404 \global\let\@date\@empty
11405 \global\let\@title\@empty
11406 \global\let\title\relax
11407 \global\let\author\relax
11408 \global\let\date\relax
11409 \global\let\and\relax
11410 }
11411 \else
11412 \renewcommand\maketitle{\par
11413 \begingroup
11414 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
11415 \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
11416 \long\def\@makefntext##1{\parindent 1em\noindent

```



```

11417         \hb@xt@1.8em{%
11418             \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
11419     \if@twocolumn
11420         \ifnum \col@number=\@ne
11421             \@maketitle
11422         \else
11423             \twocolumn[\@maketitle]%
11424         \fi
11425     \else
11426         \newpage
11427         \global\@topnum\z@    % Prevents figures from going at top of page.
11428         \@maketitle
11429     \fi
11430     \thispagestyle{plain}\@thanks
11431 \endgroup
11432 \setcounter{footnote}{0}%
11433 \global\let\thanks\relax
11434 \global\let\LTRthanks\relax
11435 \global\let\RTLthanks\relax
11436 \global\let\maketitle\relax
11437 \global\let\@maketitle\relax
11438 \global\let\@thanks\@empty
11439 \global\let\@author\@empty
11440 \global\let\@date\@empty
11441 \global\let\@title\@empty
11442 \global\let\title\relax
11443 \global\let\author\relax
11444 \global\let\date\relax
11445 \global\let\and\relax
11446 }
11447 \def\@maketitle{%
11448     \newpage
11449     \null
11450     \vskip 2em%
11451     \begin{center}%
11452         \let \footnote \thanks
11453         \let \LTRfootnote \LTRthanks
11454         \let \RTLfootnote \RTLthanks
11455         {\LARGE \@title \par}%
11456         \vskip 1.5em%
11457         {\large
11458             \lineskip .5em%
11459             \begin{tabular}[t]{c}%
11460                 \@author
11461             \end{tabular}\par}%
11462         \vskip 1em%
11463         {\large \@date}%
11464     \end{center}%
11465     \par
11466     \vskip 1.5em}
11467 \fi
11468 \renewcommand*\l@part[2]{%
11469     \ifnum \c@tocdepth >-2\relax
11470         \addpenalty{-\@highpenalty}%

```



```

11471 \addvspace{2.25em \@plus\p@}%
11472 \begingroup
11473 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
11474 \parfillskip -\@pnumwidth
11475 {\leavevmode
11476 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
11477 \nobreak
11478 \global\@nobreaktrue
11479 \everypar{\global\@nobreakfalse\everypar{}}%
11480 \endgroup
11481 \fi}
11482 \renewcommand\theequation
11483 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
11484 \renewcommand \thefigure
11485 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
11486 \renewcommand \thetable
11487 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
11488 \renewcommand \thechapter {\@arabic\c@chapter}
11489 \renewcommand \thesection {\thechapter\@SepMark\@arabic\c@section}
11490 \renewcommand \thesubsection {\thesection\@SepMark\@arabic\c@subsection}
11491 \renewcommand \thesubsubsection {\thesubsection \@SepMark\@arabic\c@subsubsection}
11492 \renewcommand \theparagraph {\thesubsubsection \@SepMark\@arabic\c@paragraph}
11493 \renewcommand \thesubparagraph {\theparagraph \@SepMark\@arabic\c@subparagraph}
11494 \def\@makechapterhead#1{%
11495 \vspace*{50\p@}%
11496 {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi \normalfont
11497 \ifnum \c@secnumdepth >\m@ne
11498 \if@mainmatter
11499 \huge\bfseries \@chapapp\space \thechapter
11500 \par\nobreak
11501 \vskip 20\p@
11502 \fi
11503 \fi
11504 \interlinepenalty\@M
11505 \Huge \bfseries #1\par\nobreak
11506 \vskip 40\p@
11507 }}
11508
11509 \def\@makeschapterhead#1{%
11510 \vspace*{50\p@}%
11511 {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
11512 \normalfont
11513 \interlinepenalty\@M
11514 \Huge \bfseries #1\par\nobreak
11515 \vskip 40\p@
11516 }}
11517 \renewcommand\backmatter{%
11518 \if@openright
11519 \cleardoublepage
11520 \else
11521 \clearpage
11522 \fi
11523 \@mainmatterfalse}
11524 \renewenvironment{thebibliography}[1]

```



```

11525 {\chapter*{\bibname
11526 \mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}}}%
11527 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
11528 \bidi@thebibliography@font@hook%
11529 \list{\@biblabel{\@arabic\c@enumiv}}%
11530 {\settowidth\labelwidth{\@biblabel{#1}}%
11531 \leftmargin\labelwidth
11532 \advance\leftmargin\labelsep
11533 \openbib@code
11534 \usecounter{enumiv}%
11535 \let\p@enumiv\@empty
11536 \renewcommand\theenumiv{\@arabic\c@enumiv}}%
11537 \sloppy
11538 \clubpenalty4000
11539 \@clubpenalty \clubpenalty
11540 \widowpenalty4000%
11541 \sfcode\.\@m}
11542 {\def\@noitemerr
11543 {\@latex@warning{Empty `thebibliography' environment}}}%
11544 \endlist}

```

## 85 File extletter-xetex-bidi.def

```

11545 \ProvidesFile{extletter-xetex-bidi.def}[2015/11/14 v0.2 bidi adaptations for extletter class]
11546 \renewcommand*{\opening}[1]{\ifx\@empty\fromaddress
11547 \thispagestyle{firstpage}%
11548 {\if@RTL\raggedright\else\raggedleft\fi\@date\par}%
11549 \else % home address
11550 \thispagestyle{empty}%
11551 {\if@RTL\raggedright\begin{tabular}{r@{}}\else\raggedleft\begin{tabular}{l@{}}\fi\ignore
11552 \fromaddress \*[2\parskip]%
11553 \@date \end{tabular}\par}%
11554 \fi
11555 \vspace{2\parskip}%
11556 {\if@RTL\raggedleft\else\raggedright\fi \toname \[2\parskip] \toaddress \par}%
11557 \vspace{2\parskip}%
11558 #1\par\nobreak}
11559 \renewcommand{\closing}[1]{\par\nobreak\vspace{\parskip}%
11560 \stopbreaks
11561 \noindent
11562 \ifx\@empty\fromaddress\else
11563 \hspace*{\longindentation}\fi
11564 \parbox{\indentedwidth}{\if@RTL\raggedleft\else\raggedright\fi
11565 \ignorespaces #1\[\[6\medskipamount]}%
11566 \ifx\@empty\fromsig
11567 \fromname
11568 \else \fromsig \fi\strut}%
11569 \par}
11570 \renewcommand\left@footnoterule{%
11571 \kern-\p@
11572 \hrule \@width .4\columnwidth
11573 \kern .6\p@}
11574 \renewcommand\right@footnoterule{%
11575 \kern-\p@

```



```

11576 \hbox to \columnwidth{\hskip .6\columnwidth \hrulefill }
11577 \kern .6\p@}

```

## 86 File extrafootnotefeatures-xetex-bidi.def

```

11578 \ProvidesFile{extrafootnotefeatures-xetex-bidi.def}[2023/01/18 v2.5 bidi extra footnote feat
11579 \newdimen\bidi@columnwidth
11580 \def\bidi@floathook{%
11581 \bidi@columnwidth\columnwidth
11582 }
11583 \newcommand*{\@bidi@before@Hy@hyperfootnotes}{%
11584 \if@bidi@csundef{ifHy@hyperfootnotes}{}{%
11585 \if@bidi@csundef{HLTR@LTRfootnotetext}{}{%
11586 \ifHy@hyperfootnotes
11587 \let\@H@footnotetext\@footnotetext
11588 \let\@HLTR@LTRfootnotetext\@LTRfootnotetext
11589 \let\@HRTL@RTLfootnotetext\@RTLfootnotetext
11590 \let\@H@mpfootnotetext\@mpfootnotetext
11591 \let\@HLTR@mpLTRfootnotetext\@mpLTRfootnotetext
11592 \let\@HRTL@mpRTLfootnotetext\@mpRTLfootnotetext
11593 \fi
11594 }%
11595 }%
11596 }
11597 \newcommand*{\@bidi@after@Hy@hyperfootnotes}{%
11598 \if@bidi@csundef{ifHy@hyperfootnotes}{}{%
11599 \if@bidi@csundef{HLTR@LTRfootnotetext}{}{%
11600 \ifHy@hyperfootnotes
11601 \let\H@footnotetext\@footnotetext
11602 \let\@footnotetext\@H@footnotetext
11603 \let\HLTR@LTRfootnotetext\@LTRfootnotetext
11604 \let\@LTRfootnotetext\@HLTR@LTRfootnotetext
11605 \let\HRTL@RTLfootnotetext\@RTLfootnotetext
11606 \let\@RTLfootnotetext\@HRTL@RTLfootnotetext
11607 \let\H@mpfootnotetext\@mpfootnotetext
11608 \let\@mpfootnotetext\@H@mpfootnotetext
11609 \let\HLTR@mpLTRfootnotetext\@mpLTRfootnotetext
11610 \let\@mpLTRfootnotetext\@HLTR@mpLTRfootnotetext
11611 \let\HRTL@mpRTLfootnotetext\@mpRTLfootnotetext
11612 \let\@mpRTLfootnotetext\@HRTL@mpRTLfootnotetext
11613 \fi
11614 }%
11615 }%
11616 }
11617 \let\autofooterule\relax
11618 \let\rightfootnoterule\relax
11619 \let\leftfootnoterule\relax
11620 \let\textwidthfootnoterule\relax
11621 \let\LRfootnoterule\relax
11622 \def\footnoterule{\kern-3\p@
11623 \hrule \@width \columnwidth \kern 2.6\p@}
11624 \newcommand{\@preamnormalfmt}{%
11625 \parindent 1em%
11626 \noindent

```



```

11627 }
11628 \newcommand{\@normalfootfmt}[1]{%
11629   \@preamnormalfmt
11630   \footfootmark
11631   \rule{z@\footnotesep\ignorespaces}{\foottextfont #1}%
11632   \@finalstrut\strutbox
11633 }
11634 \newcommand{\@normalRTLfootfmt}[1]{%
11635   \@preamnormalfmt
11636   \RTLfootfootmark
11637   \rule{z@\footnotesep\ignorespaces}{\RTLfoottextfont #1}%
11638   \@finalstrut\strutbox
11639 }
11640 \newcommand{\@normalLTRfootfmt}[1]{%
11641   \@preamnormalfmt
11642   \LTRfootfootmark
11643   \rule{z@\footnotesep\ignorespaces}{\LTRfoottextfont #1}%
11644   \@finalstrut\strutbox
11645 }
11646 \renewcommand{\@footnotetext}[1]{%
11647   \insert\footins{%
11648     \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
11649     \def\baselinestretch{\m@m@footnote@spacing}%
11650     \reset@font
11651     \foottextfont
11652     \@preamfntext
11653     \hsize\columnwidth
11654     \protected@edef\@currentlabel{%
11655       \csname p@footnote\endcsname\@thefnmark}%
11656     \color@begingroup
11657       \@normalfootfmt{#1}%
11658     \color@endgroup}%
11659     \m@mmf@prepare}
11660 \newcommand{\@bidi@bidiold@footnotetext}[1]{%
11661   \bidi@step@absolute@footnote@count
11662   \bidi@reinsertfootnote\footinsv@l\@footstartv@l\@LTRfootgroupv@l
11663   \insert\footins{%
11664     \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
11665     \def\baselinestretch{\m@m@footnote@spacing}%
11666     \reset@font
11667     \foottextfont
11668     \@preamfntext
11669     \hsize\columnwidth
11670     \protected@edef\@currentlabel{%
11671       \csname p@footnote\endcsname\@thefnmark}%
11672     \color@begingroup
11673       \@normalfootfmt{#1}%
11674     \color@endgroup}%
11675     \m@mmf@prepare}
11676 }
11677 \renewcommand{\@RTLfootnotetext}[1]{%
11678   \insert\footins{%
11679     \@RTLtrue%
11680     \def\baselinestretch{\m@m@footnote@spacing}%

```



```

11681 \reset@font
11682 \RTLfoottextfont
11683 \@preamftext
11684 \hsize\columnwidth
11685 \protected@edef\@currentlabel{%
11686 \csname p@footnote\endcsname\@thefnmark}%
11687 \color@begingroup
11688 \@normalRTLfootfmt{#1}%
11689 \color@endgroup}%
11690 \m@mmf@prepare}
11691 \newcommand{\bidi@bidiold@RTLfootnotetext}[1]{%
11692 \bidi@step@absolutefootnote@count
11693 \bidi@reinsertfootnote\footinsv@l\@footstartv@l\@LTRfootgroupv@l
11694 \insert\footins{%
11695 \RTLtrue%
11696 \def\baselinestretch{\m@m@footnote@spacing}%
11697 \reset@font
11698 \RTLfoottextfont
11699 \@preamftext
11700 \hsize\columnwidth
11701 \protected@edef\@currentlabel{%
11702 \csname p@footnote\endcsname\@thefnmark}%
11703 \color@begingroup
11704 \@normalRTLfootfmt{#1}%
11705 \color@endgroup}%
11706 \m@mmf@prepare
11707 }
11708 \renewcommand{\@LTRfootnotetext}[1]{%
11709 \insert\footins{%
11710 \RTLfalse%
11711 \def\baselinestretch{\m@m@footnote@spacing}%
11712 \reset@font
11713 \LTRfoottextfont
11714 \@preamftext
11715 \hsize\columnwidth
11716 \protected@edef\@currentlabel{%
11717 \csname p@footnote\endcsname\@thefnmark}%
11718 \color@begingroup
11719 \@normalLTRfootfmt{#1}%
11720 \color@endgroup}%
11721 \m@mmf@prepare}
11722 \renewcommand{\@mpfootnotetext}[1]{%
11723 \global\setbox\@mpfootins\vbox{%
11724 \unvbox\@mpfootins
11725 \if@RTL@footnote\RTLtrue\else\RTLfalse\fi
11726 \def\baselinestretch{\m@m@footnote@spacing}%
11727 \reset@font%
11728 \foottextfont \hsize\columnwidth \@parboxrestore
11729 \protected@edef\@currentlabel{%
11730 \csname p@mpfootnote\endcsname\@thefnmark}%
11731 \color@begingroup
11732 \@normalfootfmt{#1}%
11733 \color@endgroup}}
11734 \newcommand{\bidi@bidiold@mpfootnotetext}[1]{%

```



```

11735 \bidi@joinmpfootnotes\@mpfootinsv@l\@footstartv@l\mp@LTRfootgroupv@l
11736 \global\setbox\@mpfootins\vbox{%
11737   \unvbox\@mpfootins
11738   \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
11739   \def\baselinestretch{\m@m@footnote@spacing}%
11740   \reset@font%
11741   \foottextfont \hsize\columnwidth \@parboxrestore
11742   \protected@edef\@currentlabel{%
11743     \csname p@mpfootnote\endcsname\@thefnmark}%
11744   \color@begingroup
11745     \@normalfootfmt{#1}%
11746   \color@endgroup}}
11747 \renewcommand{\@mpLTRfootnotetext}[1]{%
11748   \global\setbox\@mpfootins\vbox{%
11749     \unvbox\@mpfootins
11750     \@RTLfalse
11751     \def\baselinestretch{\m@m@footnote@spacing}%
11752     \reset@font%
11753     \LTRfoottextfont \hsize\columnwidth \@parboxrestore
11754     \protected@edef\@currentlabel{%
11755       \csname p@mpfootnote\endcsname\@thefnmark}%
11756     \color@begingroup
11757       \@normalLTRfootfmt{#1}%
11758     \color@endgroup}}
11759 \renewcommand{\@mpRTLfootnotetext}[1]{%
11760   \global\setbox\@mpfootins\vbox{%
11761     \unvbox\@mpfootins
11762     \@RTLtrue
11763     \def\baselinestretch{\m@m@footnote@spacing}%
11764     \reset@font%
11765     \RTLfoottextfont \hsize\columnwidth \@parboxrestore
11766     \protected@edef\@currentlabel{%
11767       \csname p@mpfootnote\endcsname\@thefnmark}%
11768     \color@begingroup
11769       \@normalRTLfootfmt{#1}%
11770     \color@endgroup}}
11771 \newcommand{\bidi@bidiold@mpRTLfootnotetext}[1]{%
11772   \bidi@joinmpfootnotes\@mpfootinsv@l\@footstartv@l\mp@LTRfootgroupv@l
11773   \global\setbox\@mpfootins\vbox{%
11774     \unvbox\@mpfootins
11775     \@RTLtrue
11776     \def\baselinestretch{\m@m@footnote@spacing}%
11777     \reset@font%
11778     \RTLfoottextfont \hsize\columnwidth \@parboxrestore
11779     \protected@edef\@currentlabel{%
11780       \csname p@mpfootnote\endcsname\@thefnmark}%
11781     \color@begingroup
11782       \@normalRTLfootfmt{#1}%
11783     \color@endgroup}}
11784 \let\m@mold@footnotetext\@footnotetext
11785 \let\m@mold@LTRfootnotetext\@LTRfootnotetext
11786 \let\m@mold@RTLfootnotetext\@RTLfootnotetext
11787 \let\m@mold@mpfootnotetext\@mpfootnotetext
11788 \let\m@mold@mpLTRfootnotetext\@mpLTRfootnotetext

```



```

11789 \let\m@mold@mpRTLfootnotetext\@mpRTLfootnotetext
11790 \bidi@ensure@newcommand{\normalfootnotes}{%
11791   \@bidi@before@Hy@hyperfootnotes
11792   \let\@footnotetext\m@mold@footnotetext
11793   \let\@LTRfootnotetext\m@mold@LTRfootnotetext
11794   \let\@RTLfootnotetext\m@mold@RTLfootnotetext
11795   \let\@mpfootnotetext\m@mold@mpfootnotetext
11796   \let\@mpLTRfootnotetext\m@mold@mpLTRfootnotetext
11797   \let\@mpRTLfootnotetext\m@mold@mpRTLfootnotetext
11798   \@bidi@after@Hy@hyperfootnotes
11799   \@ifstar\bidi@star@footmarkwidth\bidi@normal@footmarkwidth
11800 }
11801 \@ifclassloaded{memoir}{\let\plainfootnotes\normalfootnotes}{%
11802 \bidi@ensure@newcommand*\setSingleSpace{1}{%
11803   \def\m@m@singlespace{#1}%
11804   \def\m@m@footnote@spacing{#1}%
11805   \def\m@m@float@spacing{#1} %
11806 }
11807 \setSingleSpace{1}
11808 \bidi@ensure@newcommand*\multiplefootnotemarker{3sp}
11809 \bidi@ensure@newcommand*\m@m@mmf@prepare{%
11810   \kern-\multiplefootnotemarker
11811   \kern\multiplefootnotemarker\relax}
11812 \bidi@ensure@newlength{footmarkwidth}
11813 \bidi@ensure@newcommand*\footmarkstyle[1]{\def\footscript##1{#1}}
11814 \bidi@ensure@newcommand*\LTRfootmarkstyle[1]{\def\LTRfootscript##1{#1}}
11815 \bidi@ensure@newcommand*\RTLfootmarkstyle[1]{\def\RTLfootscript##1{#1}}
11816 \bidi@ensure@newcommand{\footfootmark}{%
11817   \ifdim\footmarkwidth < \z@
11818     \llap{\hb@xt@ -\footmarkwidth{%
11819       \hss\normalfont\footscript{\@thefnmark}}}%
11820     \hspace*{-\footmarkwidth}}%
11821   \else
11822     \ifdim\footmarkwidth = \z@
11823       {\normalfont\footscript{\@thefnmark}}%
11824     \else
11825       \hb@xt@\footmarkwidth{\hss\normalfont\footscript{\@thefnmark}}%
11826     \fi
11827   \fi}
11828 \bidi@ensure@newcommand{\LTRfootfootmark}{%
11829   \ifdim\footmarkwidth < \z@
11830     \llap{\hb@xt@ -\footmarkwidth{%
11831       \hss\normalfont\LTRfootscript{\@thefnmark}}}%
11832     \hspace*{-\footmarkwidth}}%
11833   \else
11834     \ifdim\footmarkwidth = \z@
11835       {\normalfont\LTRfootscript{\@thefnmark}}%
11836     \else
11837       \hb@xt@\footmarkwidth{\hss\normalfont\LTRfootscript{\@thefnmark}}%
11838     \fi
11839   \fi}
11840 \bidi@ensure@newcommand{\RTLfootfootmark}{%
11841   \ifdim\footmarkwidth < \z@
11842     \llap{\hb@xt@ -\footmarkwidth{%

```



```

11843         \hss\normalfont\RTLfootscript{\@thefnmark}}}%
11844         \hspace*{-\footmarkwidth}}}%
11845     \else
11846         \ifdim\footmarkwidth = \z@
11847             {\normalfont\RTLfootscript{\@thefnmark}}}%
11848         \else
11849             \hb@xt@\footmarkwidth{\hss\normalfont\RTLfootscript{\@thefnmark}}}%
11850         \fi
11851     \fi}
11852 \footmarkstyle{\textsuperscript{#1}}
11853 \LTRfootmarkstyle{\textsuperscript{#1}}
11854 \RTLfootmarkstyle{\textsuperscript{#1}}
11855 \newcommand*{\bidi@normal@footmarkwidth}{%
11856     \setlength{\footmarkwidth}{1em plus.3em minus.3em}%
11857 }
11858 \newcommand*{\bidi@star@footmarkwidth}{%
11859     \setlength{\footmarkwidth}{0em plus.3em minus.3em}%
11860 }
11861 \bidi@normal@footmarkwidth
11862 \bidi@ensure@newcommand{\m@mdoextrafeet}{\extrafeetins}
11863 \bidi@ensure@newcommand*{\extrafeetins}{%
11864     \bidi@joinfootnotes\footinsv@r\@footstartv@r\@footgroupv@r
11865     \bidi@joinfootnotes\footinsv@l\@footstartv@l\@LTRfootgroupv@l
11866     \bidi@joinfootnotes\@bidi@copyins@{\unvbox\@bidi@copyins@}%
11867     \extrafeetinshook}
11868 \bidi@ensure@newcommand{\extrafeetinshook}{%
11869     \bidi@ensure@newcommand{\foottextfont}{\footnotesize}
11870     \bidi@ensure@newcommand{\LTRfoottextfont}{\footnotesize}
11871     \bidi@ensure@newcommand{\RTLfoottextfont}{\footnotesize}
11872     \bidi@ensure@newlength{\footinsdim}
11873     \setlength{\footinsdim}{8in} % standard for \dimen\footins
11874     \bidi@ensure@newcommand{\@preamfntext}{%
11875         \interlinepenalty\interfootnotelinepenalty
11876         \floatingpenalty \@MM
11877         \splittopskip=\footnotesep
11878         \splitmaxdepth=\dp\strutbox
11879         \@parboxrestore}
11880 \def\bidi@ifmulticol#1#2{\@tempswafalse
11881     \ifnum\col@number>\@ne
11882         \ifnum\count\footins>1999 \@tempswatrue \fi
11883     \fi
11884     \if@tempswa #1\else #2\fi
11885 }
11886 \def\bidi@joinfootnotes#1#2#3{%
11887     \ifvoid#1
11888     \else
11889         \@tempskipa\skip#1%
11890         \bidi@ifmulticol{\divide\@tempskipa\col@number}{}%
11891         \edef\bidi@footskip{\vskip\the\@tempskipa\relax}%
11892         \bidi@removexfootskip
11893         \ifvoid\footins
11894             \global\setbox\footins\vbox{#2#3}%
11895         \else
11896             \global\setbox\footins\vbox{%

```



```

11897         \unvbox\footins
11898         \bidi@footskip
11899         #2#3%
11900     }%
11901     \fi
11902 \fi
11903 }
11904 \def\bidi@reinsertfootnote#1#2#3{%
11905     \ifvoid#1
11906     \else
11907         \insert\footins{#2#3}%
11908     \fi
11909 }
11910 \def\bidi@joinmpfootnotes#1#2#3{%
11911     \ifvoid#1
11912     \else
11913         \@tempskipa\skip#1%
11914         \bidi@ifmulticol{\divide\@tempskipa\col@number}{}%
11915         \edef\bidi@footskip{\vskip\the\@tempskipa\relax}%
11916         \bidi@removexfootskip
11917         \ifvoid\@mpfootins
11918             \global\setbox\@mpfootins\vbox{#2#3}%
11919         \else
11920             \global\setbox\@mpfootins\vbox{%
11921                 \unvbox\@mpfootins
11922                 \bidi@footskip
11923                 #2#3%
11924             }%
11925         \fi
11926     \fi
11927 }
11928 \newcount\bidi@absolute@page@count
11929 \bidi@absolute@page@count\@ne
11930 \newcount\bidi@absolute@footnote@count
11931 \bidi@AfterOutputBoxOutputPage{%
11932     \if@filesw
11933         \edef\@tempa{%
11934             \write\@auxout{%
11935                 \string\bidi@finalfootnoteperpage%
11936                 {\noexpand\number\noexpand\bidi@absolute@page@count}%
11937                 {\noexpand\number\noexpand\bidi@absolute@footnote@count}%
11938             }%
11939         }%
11940         \@tempa
11941     \fi
11942 }
11943 \bidi@AtEndOutputPage{%
11944     \global\advance\bidi@absolute@page@count\@ne
11945 }
11946 \newcommand*{\bidi@finalfootnoteperpage}[2]{%
11947     \expandafter\gdef\csname\bidi@currentpagefinalfootnote@@#1\endcsname{#2}%
11948 }
11949 \newif\if@bidi@finalfootnoteperpage
11950 \newcommand{\bidi@ifafterfinalfootnoteperpage}[2]{%

```



```

11951 \if@bidi@csundef{bidi@currentpagefinalfootnote@@\number\bidi@absolute@page@count}{%
11952 \global\@bidi@finalfootnoteperpage>true
11953 }{%
11954 \global\@bidi@finalfootnoteperpage>false
11955 \ifnum\bidi@absolute@footnote@count=\bidi@csuse{bidi@currentpagefinalfootnote@@\number\bidi@
11956 #1%
11957 \else
11958 #2%
11959 \fi
11960 }%
11961 }
11962 \newcommand{\bidi@reinsertfinalfootnoteperpage}[3]{%
11963 \bidi@ifafterfinalfootnoteperpage{%
11964 \bidi@reinsertfootnote{#1}{#2}{#3}%
11965 }{%
11966 }%
11967 }
11968 \newcommand*{\bidi@step@absolute@footnote@count}{%
11969 \global\advance\bidi@absolute@footnote@count\@ne
11970 }
11971 \bidi@AfterEndDocumentCheckLabelsRerun{%
11972 \if@bidi@finalfootnoteperpage
11973 \PackageWarningNoLine{bidi}{%
11974 The absolute final footnote is not
11975 known on every page of your
11976 document. Rerun TeX to get the
11977 absolute final footnote on every page
11978 of your document%
11979 }%
11980 \fi
11981 }
11982 \bidi@ensure@newcommand{\m@mdoextrafeetmini}{%
11983 \extrafeetminihook}
11984 \bidi@ensure@newcommand{\extrafeetendmini}{%
11985 \bidi@joinmpfootnotes\@mpfootinsv@r\@footstartv@r\mp@footgroupv@r
11986 \bidi@joinmpfootnotes\@mpfootinsv@l\@footstartv@l\mp@LTRfootgroupv@l
11987 \extrafeetendminihook}
11988 \bidi@ensure@newcommand{\extrafeetendminihook}{}
11989 \bidi@ensure@newcommand{\m@mdoextrafeetendmini}{\extrafeetendmini}
11990 \def\endminipage{%
11991 \par
11992 \unskip
11993 \m@mdoextrafeetendmini
11994 \ifvoid\@mpfootins
11995 \else
11996 \vskip\skip\@mpfootins
11997 \normalcolor
11998 \footnoterule
11999 \unvbox\@mpfootins
12000 \fi
12001 \@minipagefalse
12002 \color@endgroup
12003 \egroup
12004 \expandafter\@iiiparbox\@mpargs{\unvbox\@tempboxa}}

```



```

12005 \bidi@ensure@newcommand{\m@make@footstart}[1]{%
12006   \@namedef{footstart#1}{%
12007     \leftskip=\z@
12008     \rightskip=\z@
12009     \parindent=\z@
12010   }%
12011 }
12012 \newinsert\footinsv@r
12013 \skip\footinsv@r\skip\footins
12014 \count\footinsv@r=1000 % no magnification
12015 \dimen\footinsv@r=\footinsdim
12016 \m@make@footstart{v@r}
12017 \newinsert\footinsv@l
12018 \skip\footinsv@l\skip\footins
12019 \count\footinsv@l=1000 % no magnification
12020 \dimen\footinsv@l=\footinsdim
12021 \m@make@footstart{v@l}
12022 \bidi@ensure@newcommand{\@footgroupv@r}{%}
12023 \newinsert\@mpfootinsv@r
12024 \skip\@mpfootinsv@r\skip\@mpfootins
12025 \newinsert\@mpfootinsv@l
12026 \skip\@mpfootinsv@l\skip\@mpfootins
12027 \bidi@ensure@newcommand{\mp@footgroupv@r}{%}
12028 \newcount\m@m@k \newdimen\m@m@h
12029 \bidi@ensure@newcommand*{\m@mrigidbalance}[3]{\setbox0=\box#1 \m@m@k=#2 \m@m@h=#3
12030   \@@line{\beginR\splittopskip=\m@m@h \vbadness=\@M \hfilneg
12031     \valign{##\vfill\cr\m@mdosplits}\endR}}
12032 \newcommand*{\bidi@LTRrigidbalance}[3]{\setbox0=\box#1 \m@m@k=#2 \m@m@h=#3
12033   \@@line{\beginL\splittopskip=\m@m@h \vbadness=\@M \hfilneg
12034     \valign{##\vfill\cr\m@mdosplits}\endL}}
12035 \bidi@ensure@newcommand*{\m@mdosplits}{\ifnum\m@m@k>0 \noalign{\hfil}\m@msplitoff
12036   \global\advance\m@m@k-1\cr\m@mdosplits\fi}
12037 \bidi@ensure@newcommand*{\m@msplitoff}{\dimen0=\ht0
12038   \divide\dimen0 by\m@m@k \advance\dimen0 by\m@m@h
12039   \setbox2 \vsplit0 to \dimen0
12040   \unvbox2 }
12041 \bidi@ensure@newcommand{\twocolumnfootnotes}{%
12042   \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
12043   \@namedef{foottextfontv@l}{\LTRfoottextfont}%
12044   \@bidi@before@Hy@hyperfootnotes
12045   \let\@footnotetext\@twocolfootnotetext
12046   \let\@LTRfootnotetext\@twocolLTRfootnotetext
12047   \let\@RTLfootnotetext\@twocolRTLfootnotetext
12048   \dimen\footinsv@r=2\footinsdim
12049   \count\footinsv@r=500\relax
12050   \m@make@twocol@footgroup{v@r}%
12051   \let\@footgroupv@r\@twocol@footgroupv@r
12052   \dimen\footinsv@l=2\footinsdim
12053   \count\footinsv@l=500\relax
12054   \bidi@make@twocol@LTRfootgroup{v@l}%
12055   \let\@LTRfootgroupv@l\@twocol@LTRfootgroupv@l
12056   \let\@mpfootnotetext\@mptwocolfootnotetext
12057   \let\@mpLTRfootnotetext\@mptwocolLTRfootnotetext
12058   \let\@mpRTLfootnotetext\@mptwocolRTLfootnotetext

```



```

12059 \@bidi@after@Hy@hyperfootnotes
12060 \m@make@emptwocol@footgroup{v@r}%
12061 \let\mp@footgroupv@r\@emptwocol@footgroupv@r
12062 \bidi@make@emptwocol@LTRfootgroup{v@l}%
12063 \let\mp@LTRfootgroupv@l\@emptwocol@LTRfootgroupv@l
12064 \@ifstar\bidi@star@footmarkwidth\bidi@normal@footmarkwidth
12065 }
12066 \newcommand{\TwoColumnFootnotes}{%
12067 \@namedef{foottextfontv@r}{\foottextfont}%
12068 \@namedef{foottextfontv@l}{\LTRfoottextfont}%
12069 \@bidi@before@Hy@hyperfootnotes
12070 \let\@footnotetext\@TwoColfootnotetext
12071 \let\@LTRfootnotetext\@TwoColLTRfootnotetext
12072 \let\@RTLfootnotetext\@TwoColRTLfootnotetext
12073 \dimen\footinsv@r=2\footinsdim
12074 \count\footinsv@r=500\relax
12075 \m@make@twocol@footgroup{v@r}%
12076 \let\@footgroupv@r\@twocol@footgroupv@r
12077 \dimen\footinsv@l=2\footinsdim
12078 \count\footinsv@l=500\relax
12079 \bidi@make@twocol@LTRfootgroup{v@l}%
12080 \let\@LTRfootgroupv@l\@twocol@LTRfootgroupv@l
12081 \let\@mpfootnotetext\@mpTwoColfootnotetext
12082 \let\@mpLTRfootnotetext\@mpTwoColLTRfootnotetext
12083 \let\@mpRTLfootnotetext\@mpTwoColRTLfootnotetext
12084 \@bidi@after@Hy@hyperfootnotes
12085 \m@make@emptwocol@footgroup{v@r}%
12086 \let\mp@footgroupv@r\@emptwocol@footgroupv@r
12087 \bidi@make@emptwocol@LTRfootgroup{v@l}%
12088 \let\mp@LTRfootgroupv@l\@emptwocol@LTRfootgroupv@l
12089 \@ifstar\bidi@star@footmarkwidth\bidi@normal@footmarkwidth
12090 }
12091 \bidi@ensure@newcommand{\@twocolfootnotetext}[1]{\insert
12092 \ifRTL@footnote
12093 \footinsv@r
12094 \else
12095 \footinsv@l
12096 \fi
12097 {\ifRTL@footnote\@RTLtrue\else\@RTLfalse\fi%
12098 \def\baselinestretch{\m@m@footnote@spacing}%
12099 \reset@font\foottextfont
12100 \@preamfntext
12101 \protected@edef\@currentlabel{%
12102 \csname p@footnote\endcsname\@thefnmark}%
12103 \color@begingroup
12104 \@twocolfootfmt{#1}%
12105 \color@endgroup}%
12106 \m@m@mmf@prepare}
12107 \newcommand{\@TwoColfootnotetext}[1]{%
12108 \bidi@step@absolute@footnote@count
12109 \ifRTL@footnote
12110 \bidi@reinsertfootnote\footinsv@l\@footstartv@l\@LTRfootgroupv@l
12111 \else
12112 \bidi@reinsertfootnote\footinsv@r\@footstartv@r\@footgroupv@r

```



```

12113 \fi
12114 \global\setbox
12115 \if@RTL@footnote
12116 \footinsv@r
12117 \else
12118 \footinsv@l
12119 \fi
12120 \vbox{%
12121 \unvbox
12122 \if@RTL@footnote
12123 \footinsv@r
12124 \else
12125 \footinsv@l
12126 \fi
12127 \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi
12128 \def\baselinestretch{\m@{footnote@spacing}}%
12129 \reset@font\foottextfont
12130 \@preamfntext
12131 \protected@edef\@currentlabel{%
12132 \csname p@footnote\endcsname\@thefnmark}%
12133 \color@begingroup
12134 \@twocolfootfmt{#1}%
12135 \color@endgroup}%
12136 \m@{mmf@prepare}
12137 \if@RTL@footnote
12138 \bidi@reinsertfinalfootnoteperpage\footinsv@r\@footstartv@r\@footgroupv@r
12139 \else
12140 \bidi@reinsertfinalfootnoteperpage\footinsv@l\@footstartv@l\@LTRfootgroupv@l
12141 \fi
12142 }
12143 \bidi@ensure@newcommand{\@twocolLTRfootnotetext}[1]{\insert\footinsv@l{\@RTLfalse%
12144 \def\baselinestretch{\m@{footnote@spacing}}%
12145 \reset@font\LTRfoottextfont
12146 \@preamfntext
12147 \protected@edef\@currentlabel{%
12148 \csname p@footnote\endcsname\@thefnmark}%
12149 \color@begingroup
12150 \@twocolLTRfootfmt{#1}%
12151 \color@endgroup}%
12152 \m@{mmf@prepare}}
12153 \newcommand{\@TwoColLTRfootnotetext}[1]{%
12154 \bidi@step@absolutefootnote@count
12155 \bidi@reinsertfootnote\footinsv@r\@footstartv@r\@footgroupv@r
12156 \global\setbox\footinsv@l\vbox{%
12157 \unvbox\footinsv@l
12158 \@RTLfalse
12159 \def\baselinestretch{\m@{footnote@spacing}}%
12160 \reset@font\LTRfoottextfont
12161 \@preamfntext
12162 \protected@edef\@currentlabel{%
12163 \csname p@footnote\endcsname\@thefnmark}%
12164 \color@begingroup
12165 \@twocolLTRfootfmt{#1}%
12166 \color@endgroup}%

```



```

12167 \m@mmf@prepare
12168 \bidi@reinsertfinalfootnoteperpage\footinsv@l\@footstartv@l\@LTRfootgroupv@l
12169 }
12170 \bidi@ensure@newcommand{\@twocolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
12171 \def\baselinestretch{\m@m@footnote@spacing}%
12172 \reset@font\RTLfoottextfont
12173 \@preamfntext
12174 \protected@edef\@currentlabel{%
12175 \csname p@footnote\endcsname\@thefnmark}%
12176 \color@begingroup
12177 \@twocolRTLfootfmt{#1}%
12178 \color@endgroup}%
12179 \m@mmf@prepare}
12180 \newcommand{\@TwoColRTLfootnotetext}[1]{%
12181 \bidi@step@absolutefootnote@count
12182 \bidi@reinsertfootnote\footinsv@l\@footstartv@l\@LTRfootgroupv@l
12183 \global\setbox\footinsv@r\vbox{%
12184 \unvbox\footinsv@r
12185 \@RTLtrue
12186 \def\baselinestretch{\m@m@footnote@spacing}%
12187 \reset@font\RTLfoottextfont
12188 \@preamfntext
12189 \protected@edef\@currentlabel{%
12190 \csname p@footnote\endcsname\@thefnmark}%
12191 \color@begingroup
12192 \@twocolRTLfootfmt{#1}%
12193 \color@endgroup}%
12194 \m@mmf@prepare
12195 \bidi@reinsertfinalfootnoteperpage\footinsv@r\@footstartv@r\@footgroupv@r
12196 }
12197 \bidi@ensure@newcommand{\@preamtwofmt}{%
12198 \hsize .45\hsize
12199 \parindent=\z@
12200 \tolerance=5000\relax
12201 \leavevmode}
12202 \bidi@ensure@newcommand{\@twocolfootfmt}[1]{%
12203 \@preamtwofmt
12204 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
12205 \bidi@ensure@newcommand{\@twocolLTRfootfmt}[1]{%
12206 \@preamtwofmt
12207 {\LTRfootfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
12208 \bidi@ensure@newcommand{\@twocolRTLfootfmt}[1]{%
12209 \@preamtwofmt
12210 {\RTLfootfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
12211 \bidi@ensure@newcommand{\@mptwocolfootnotetext}[1]{%
12212 \global\setbox
12213 \if@RTL@footnote
12214 \@mpfootinsv@r
12215 \else
12216 \@mpfootinsv@l
12217 \fi
12218 \vbox{%
12219 \unvbox
12220 \if@RTL@footnote

```



```

12221 \mpfootinsv@r
12222 \else
12223 \mpfootinsv@l
12224 \fi
12225 \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi
12226 \def\baselinestretch{\m@m@footnote@spacing}%
12227 \reset@font\foottextfont
12228 \hsize\columnwidth \@parboxrestore
12229 \protected@edef\@currentlabel{%
12230 \csname p@mpfootnote\endcsname\@thefnmark}%
12231 \color@begingroup
12232 \@twocolfootfmt{#1}%
12233 \color@endgroup}%
12234 \m@m@mmf@prepare}
12235 \newcommand{\@mpTwoColfootnotetext}[1]{%
12236 \if@RTL@footnote
12237 \bidi@joinmpfootnotes\@mpfootinsv@l\@footstartv@l\mp@LTRfootgroupv@l
12238 \else
12239 \bidi@joinmpfootnotes\@mpfootinsv@r\@footstartv@r\mp@footgroupv@r
12240 \fi
12241 \global\setbox
12242 \if@RTL@footnote
12243 \mpfootinsv@r
12244 \else
12245 \mpfootinsv@l
12246 \fi
12247 \vbox{%
12248 \unvbox
12249 \if@RTL@footnote
12250 \mpfootinsv@r
12251 \else
12252 \mpfootinsv@l
12253 \fi
12254 \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi
12255 \def\baselinestretch{\m@m@footnote@spacing}%
12256 \reset@font\foottextfont
12257 \hsize\columnwidth \@parboxrestore
12258 \protected@edef\@currentlabel{%
12259 \csname p@mpfootnote\endcsname\@thefnmark}%
12260 \color@begingroup
12261 \@twocolfootfmt{#1}%
12262 \color@endgroup}%
12263 \m@m@mmf@prepare}
12264 \bidi@ensure@newcommand{\@mptwocolLTRfootnotetext}[1]{%
12265 \global\setbox\@mpfootinsv@l\vbox{%
12266 \unvbox\@mpfootinsv@l
12267 \@RTLfalse
12268 \def\baselinestretch{\m@m@footnote@spacing}%
12269 \reset@font\LTRfoottextfont
12270 \hsize\columnwidth \@parboxrestore
12271 \protected@edef\@currentlabel{%
12272 \csname p@mpfootnote\endcsname\@thefnmark}%
12273 \color@begingroup
12274 \@twocolLTRfootfmt{#1}%

```



```

12275 \color@endgroup}%
12276 \m@mmf@prepare}
12277 \newcommand{\@mpTwoCollTRfootnotetext}[1]{%
12278 \bidi@joinmpfootnotes\@mpfootinsv@r\@footstartv@r\mp@footgroupv@r
12279 \global\setbox\@mpfootinsv@l\vbox{%
12280 \unvbox\@mpfootinsv@l
12281 \@RTLfalse
12282 \def\baselinestretch{\m@m@footnote@spacing}%
12283 \reset@font\LTRfoottextfont
12284 \hsize\columnwidth \@parboxrestore
12285 \protected@edef\@currentlabel{%
12286 \csname p@mpfootnote\endcsname\@thefnmark}%
12287 \color@begingroup
12288 \@twocolLTRfootfmt{#1}%
12289 \color@endgroup}%
12290 \m@mmf@prepare}
12291 \bidi@ensure@newcommand{\@mptwocolRTLfootnotetext}[1]{%
12292 \global\setbox\@mpfootinsv@r\vbox{%
12293 \unvbox\@mpfootinsv@r
12294 \@RTLtrue
12295 \def\baselinestretch{\m@m@footnote@spacing}%
12296 \reset@font\RTLfoottextfont
12297 \hsize\columnwidth \@parboxrestore
12298 \protected@edef\@currentlabel{%
12299 \csname p@mpfootnote\endcsname\@thefnmark}%
12300 \color@begingroup
12301 \@twocolRTLfootfmt{#1}%
12302 \color@endgroup}%
12303 \m@mmf@prepare}
12304 \newcommand{\@mpTwoColRTLfootnotetext}[1]{%
12305 \bidi@joinmpfootnotes\@mpfootinsv@l\@footstartv@l\mp@LTRfootgroupv@l
12306 \global\setbox\@mpfootinsv@r\vbox{%
12307 \unvbox\@mpfootinsv@r
12308 \@RTLtrue
12309 \def\baselinestretch{\m@m@footnote@spacing}%
12310 \reset@font\RTLfoottextfont
12311 \hsize\columnwidth \@parboxrestore
12312 \protected@edef\@currentlabel{%
12313 \csname p@mpfootnote\endcsname\@thefnmark}%
12314 \color@begingroup
12315 \@twocolRTLfootfmt{#1}%
12316 \color@endgroup}%
12317 \m@mmf@prepare}
12318 \bidi@ensure@newcommand{\m@make@twocol@footgroup}[1]{%
12319 \@namedef{@twocol@footgroup#1}{%
12320 \def\baselinestretch{\m@m@footnote@spacing}%
12321 \hsize\bidi@columnwidth
12322 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
12323 \m@r@rigidbalance{\@nameuse{footins#1}}{\tw@}{\splittopskip}}}%
12324 \newcommand{\bidi@make@twocol@LTRfootgroup}[1]{%
12325 \@namedef{@twocol@LTRfootgroup#1}{%
12326 \def\baselinestretch{\m@m@footnote@spacing}%
12327 \hsize\bidi@columnwidth
12328 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox

```



```

12329 \bidi@LTRrigidbalance{\@nameuse{footins#1}}{\tw@}{\splittopskip}}}}
12330 \bidi@ensure@newcommand{\m@make@mpwocol@footgroup}[1]{%
12331 \@namedef{\mpwocol@footgroup#1}{%
12332 \def\baselinestretch{\m@make@footnote@spacing}%
12333 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
12334 \m@make@mrigidbalance{\@nameuse{\mpfootins#1}}{\tw@}{\splittopskip}}}}
12335 \newcommand{\bidi@make@mpwocol@LTRfootgroup}[1]{%
12336 \@namedef{\mpwocol@LTRfootgroup#1}{%
12337 \def\baselinestretch{\m@make@footnote@spacing}%
12338 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
12339 \bidi@LTRrigidbalance{\@nameuse{\mpfootins#1}}{\tw@}{\splittopskip}}}}
12340 \bidi@ensure@newcommand{\threecolumnfootnotes}{%
12341 \@namedef{\foottextfontv@r}{\foottextfont}% % [RS]
12342 \@namedef{\foottextfontv@l}{\LTRfoottextfont}%
12343 \@bidi@before@Hy@hyperfootnotes
12344 \let\@footnotetext\@threecolfootnotetext
12345 \let\@LTRfootnotetext\@threecolLTRfootnotetext
12346 \let\@RTLfootnotetext\@threecolRTLfootnotetext
12347 \dimen\footinsv@r=3\footinsdim
12348 \count\footinsv@r=333\relax
12349 \m@make@threecol@footgroup{v@r}%
12350 \let\@footgroupv@r\@threecol@footgroupv@r
12351 \dimen\footinsv@l=3\footinsdim
12352 \count\footinsv@l=333\relax
12353 \bidi@make@threecol@LTRfootgroup{v@l}%
12354 \let\@LTRfootgroupv@l\@threecol@LTRfootgroupv@l
12355 \let\@mpfootnotetext\@mpthreecolfootnotetext
12356 \let\@mpLTRfootnotetext\@mpthreecolLTRfootnotetext
12357 \let\@mpRTLfootnotetext\@mpthreecolRTLfootnotetext
12358 \@bidi@after@Hy@hyperfootnotes
12359 \m@make@mpthreecol@footgroup{v@r}%
12360 \let\mp@footgroupv@r\@mpthreecol@footgroupv@r
12361 \bidi@make@mpthreecol@LTRfootgroup{v@l}%
12362 \let\mp@LTRfootgroupv@l\@mpthreecol@LTRfootgroupv@l
12363 \ifstar\bidi@star@footmarkwidth\bidi@normal@footmarkwidth
12364 }
12365 \newcommand{\ThreeColumnFootnotes}{%
12366 \@namedef{\foottextfontv@r}{\foottextfont}% % [RS]
12367 \@namedef{\foottextfontv@l}{\LTRfoottextfont}%
12368 \@bidi@before@Hy@hyperfootnotes
12369 \let\@footnotetext\@ThreeColfootnotetext
12370 \let\@LTRfootnotetext\@ThreeColLTRfootnotetext
12371 \let\@RTLfootnotetext\@ThreeColRTLfootnotetext
12372 \dimen\footinsv@r=3\footinsdim
12373 \count\footinsv@r=333\relax
12374 \m@make@threecol@footgroup{v@r}%
12375 \let\@footgroupv@r\@threecol@footgroupv@r
12376 \dimen\footinsv@l=3\footinsdim
12377 \count\footinsv@l=333\relax
12378 \bidi@make@threecol@LTRfootgroup{v@l}%
12379 \let\@LTRfootgroupv@l\@threecol@LTRfootgroupv@l
12380 \let\@mpfootnotetext\@mpThreeColfootnotetext
12381 \let\@mpLTRfootnotetext\@mpThreeColLTRfootnotetext
12382 \let\@mpRTLfootnotetext\@mpThreeColRTLfootnotetext

```



```

12383 \@bidi@after@Hy@hyperfootnotes
12384 \m@make@mpthreecol@footgroup{v@r}%
12385 \let\mp@footgroupv@r\@mpthreecol@footgroupv@r
12386 \bidi@make@mpthreecol@LTRfootgroup{v@l}%
12387 \let\mp@LTRfootgroupv@l\@mpthreecol@LTRfootgroupv@l
12388 \@ifstar\bidi@star@footmarkwidth\bidi@normal@footmarkwidth
12389 }
12390 \bidi@ensure@newcommand{\@threecolfootnotetext}[1]{\insert
12391 \if@RTL@footnote
12392 \footinsv@r
12393 \else
12394 \footinsv@l
12395 \fi
12396 {\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
12397 \def\baselinestretch{\m@mm@footnote@spacing}%
12398 \reset@font\foottextfont
12399 \@preamfntext
12400 \protected@edef\@currentlabel{%
12401 \csname p@footnote\endcsname\@thefnmark}%
12402 \color@begingroup
12403 \@threecolfootfmt{#1}%
12404 \color@endgroup}\m@mmf@prepare}
12405 \newcommand{\@ThreeColfootnotetext}[1]{%
12406 \bidi@step@absolute@footnote@count
12407 \if@RTL@footnote
12408 \bidi@reinsertfootnote\footinsv@l\@footstartv@l\@LTRfootgroupv@l
12409 \else
12410 \bidi@reinsertfootnote\footinsv@r\@footstartv@r\@footgroupv@r
12411 \fi
12412 \global\setbox
12413 \if@RTL@footnote
12414 \footinsv@r
12415 \else
12416 \footinsv@l
12417 \fi
12418 \vbox{%
12419 \unvbox
12420 \if@RTL@footnote
12421 \footinsv@r
12422 \else
12423 \footinsv@l
12424 \fi
12425 \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi
12426 \def\baselinestretch{\m@mm@footnote@spacing}%
12427 \reset@font\foottextfont
12428 \@preamfntext
12429 \protected@edef\@currentlabel{%
12430 \csname p@footnote\endcsname\@thefnmark}%
12431 \color@begingroup
12432 \@threecolfootfmt{#1}%
12433 \color@endgroup}\m@mmf@prepare
12434 \if@RTL@footnote
12435 \bidi@reinsertfinalfootnoteperpage\footinsv@r\@footstartv@r\@footgroupv@r
12436 \else

```



```

12437 \bidi@reinsertfinalfootnoteperpage\footinsv@1\@footstartv@1\@LTRfootgroupv@1
12438 \fi
12439 }
12440 \bidi@ensure@newcommand{\@threecolLTRfootnotetext}[1]{\insert\footinsv@1{\@RTLfalse%
12441 \def\baselinestretch{\m@m@footnote@spacing}%
12442 \reset@font\LTRfoottextfont
12443 \@preamfntext
12444 \protected@edef\@currentlabel{%
12445 \csname p@footnote\endcsname\@thefnmark}%
12446 \color@begingroup
12447 \@threecolLTRfootfmt{#1}%
12448 \color@endgroup}\m@mmf@prepare}
12449 \newcommand{\@ThreeColLTRfootnotetext}[1]{%
12450 \bidi@step@absolutefootnote@count
12451 \bidi@reinsertfootnote\footinsv@r\@footstartv@r\@footgroupv@r
12452 \global\setbox\footinsv@1\vbox{%
12453 \unvbox\footinsv@1
12454 \@RTLfalse
12455 \def\baselinestretch{\m@m@footnote@spacing}%
12456 \reset@font\LTRfoottextfont
12457 \@preamfntext
12458 \protected@edef\@currentlabel{%
12459 \csname p@footnote\endcsname\@thefnmark}%
12460 \color@begingroup
12461 \@threecolLTRfootfmt{#1}%
12462 \color@endgroup}\m@mmf@prepare
12463 \bidi@reinsertfinalfootnoteperpage\footinsv@1\@footstartv@1\@LTRfootgroupv@1
12464 }
12465 \bidi@ensure@newcommand{\@threecolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
12466 \def\baselinestretch{\m@m@footnote@spacing}%
12467 \reset@font\RTLfoottextfont
12468 \@preamfntext
12469 \protected@edef\@currentlabel{%
12470 \csname p@footnote\endcsname\@thefnmark}%
12471 \color@begingroup
12472 \@threecolRTLfootfmt{#1}%
12473 \color@endgroup}\m@mmf@prepare}
12474 \newcommand{\@ThreeColRTLfootnotetext}[1]{%
12475 \bidi@step@absolutefootnote@count
12476 \bidi@reinsertfootnote\footinsv@1\@footstartv@1\@LTRfootgroupv@1
12477 \global\setbox\footinsv@r\vbox{%
12478 \unvbox\footinsv@r
12479 \@RTLtrue
12480 \def\baselinestretch{\m@m@footnote@spacing}%
12481 \reset@font\RTLfoottextfont
12482 \@preamfntext
12483 \protected@edef\@currentlabel{%
12484 \csname p@footnote\endcsname\@thefnmark}%
12485 \color@begingroup
12486 \@threecolRTLfootfmt{#1}%
12487 \color@endgroup}\m@mmf@prepare
12488 \bidi@reinsertfinalfootnoteperpage\footinsv@r\@footstartv@r\@footgroupv@r
12489 }
12490 \bidi@ensure@newcommand{\@preamthreelfmt}{%

```



```

12491 \hsize .3\hsize
12492 \parindent=\z@
12493 \tolerance=5000\relax
12494 \leavevmode}
12495 \bidi@ensure@newcommand{\@threecolfootfmt}[1]{%
12496 \@preamthreefmt
12497 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
12498 \bidi@ensure@newcommand{\@threecolLTRfootfmt}[1]{%
12499 \@preamthreefmt
12500 {\LTRfootfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
12501 \bidi@ensure@newcommand{\@threecolRTLfootfmt}[1]{%
12502 \@preamthreefmt
12503 {\RTLfootfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
12504 \bidi@ensure@newcommand{\@mpthreecolfootnotetext}[1]{%
12505 \global\setbox
12506 \if@RTL@footnote
12507 \@mpfootinsv@r
12508 \else
12509 \@mpfootinsv@l
12510 \fi
12511 \vbox{%
12512 \unvbox
12513 \if@RTL@footnote
12514 \@mpfootinsv@r
12515 \else
12516 \@mpfootinsv@l
12517 \fi
12518 \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi
12519 \def\baselinestretch{\m@m@footnote@spacing}%
12520 \reset@font\foottextfont
12521 \hsize\columnwidth \@parboxrestore
12522 \protected@edef\@currentlabel{%
12523 \csname p@mpfootnote\endcsname\@thefnmark}%
12524 \color@begingroup
12525 \@threecolfootfmt{#1}%
12526 \color@endgroup}\m@mmf@prepare}
12527 \newcommand{\@mpThreeColfootnotetext}[1]{%
12528 \if@RTL@footnote
12529 \bidi@joinmpfootnotes\@mpfootinsv@l\@footstartv@l\mp@LTRfootgroupv@l
12530 \else
12531 \bidi@joinmpfootnotes\@mpfootinsv@r\@footstartv@r\mp@footgroupv@r
12532 \fi
12533 \global\setbox
12534 \if@RTL@footnote
12535 \@mpfootinsv@r
12536 \else
12537 \@mpfootinsv@l
12538 \fi
12539 \vbox{%
12540 \unvbox
12541 \if@RTL@footnote
12542 \@mpfootinsv@r
12543 \else
12544 \@mpfootinsv@l

```



```

12545 \fi
12546 \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi
12547 \def\baselinestretch{\m@m@footnote@spacing}%
12548 \reset@font\foottextfont
12549 \hsize\columnwidth \@parboxrestore
12550 \protected@edef\@currentlabel{%
12551 \csname p@mpfootnote\endcsname\@thefnmark}%
12552 \color@begingroup
12553 \@threecolfootfmt{#1}%
12554 \color@endgroup}\m@mmf@prepare}
12555 \bidi@ensure@newcommand{\@mpthreecolLTRfootnotetext}[1]{%
12556 \global\setbox\@mpfootinsv@1\vbox{%
12557 \unvbox\@mpfootinsv@1
12558 \@RTLfalse
12559 \def\baselinestretch{\m@m@footnote@spacing}%
12560 \reset@font\LTRfoottextfont
12561 \hsize\columnwidth \@parboxrestore
12562 \protected@edef\@currentlabel{%
12563 \csname p@mpfootnote\endcsname\@thefnmark}%
12564 \color@begingroup
12565 \@threecolLTRfootfmt{#1}%
12566 \color@endgroup}\m@mmf@prepare}
12567 \newcommand{\@mpThreeColLTRfootnotetext}[1]{%
12568 \bidi@joinmpfootnotes\@mpfootinsv@r\@footstartv@r\mp@footgroupv@r
12569 \global\setbox\@mpfootinsv@1\vbox{%
12570 \unvbox\@mpfootinsv@1
12571 \@RTLfalse
12572 \def\baselinestretch{\m@m@footnote@spacing}%
12573 \reset@font\LTRfoottextfont
12574 \hsize\columnwidth \@parboxrestore
12575 \protected@edef\@currentlabel{%
12576 \csname p@mpfootnote\endcsname\@thefnmark}%
12577 \color@begingroup
12578 \@threecolLTRfootfmt{#1}%
12579 \color@endgroup}\m@mmf@prepare}
12580 \bidi@ensure@newcommand{\@mpthreecolRTLfootnotetext}[1]{%
12581 \global\setbox\@mpfootinsv@r\vbox{%
12582 \unvbox\@mpfootinsv@r
12583 \@RTLtrue
12584 \def\baselinestretch{\m@m@footnote@spacing}%
12585 \reset@font\RTLfoottextfont
12586 \hsize\columnwidth \@parboxrestore
12587 \protected@edef\@currentlabel{%
12588 \csname p@mpfootnote\endcsname\@thefnmark}%
12589 \color@begingroup
12590 \@threecolRTLfootfmt{#1}%
12591 \color@endgroup}\m@mmf@prepare}
12592 \newcommand{\@mpThreeColRTLfootnotetext}[1]{%
12593 \bidi@joinmpfootnotes\@mpfootinsv@l\@footstartv@l\mp@LTRfootgroupv@l
12594 \global\setbox\@mpfootinsv@r\vbox{%
12595 \unvbox\@mpfootinsv@r
12596 \@RTLtrue
12597 \def\baselinestretch{\m@m@footnote@spacing}%
12598 \reset@font\RTLfoottextfont

```



```

12599 \hsize\columnwidth \@parboxrestore
12600 \protected@edef\@currentlabel{%
12601 \csname p@mpfootnote\endcsname\@thefnmark}%
12602 \color@begingroup
12603 \@threecolRTLfootfmt{#1}%
12604 \color@endgroup}\m@mmf@prepare}
12605 \bidi@ensure@newcommand{\m@make@threecol@footgroup}[1]{%
12606 \@namedef{\@threecol@footgroup#1}{%
12607 \def\baselinestretch{\m@mm@footnote@spacing}%
12608 \hsize\bidi@columnwidth
12609 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
12610 \m@mrigidbalance{\@nameuse{footins#1}}{\thr@@}{\splittopskip}}}}
12611 \newcommand{\bidi@make@threecol@LTRfootgroup}[1]{%
12612 \@namedef{\@threecol@LTRfootgroup#1}{%
12613 \def\baselinestretch{\m@mm@footnote@spacing}%
12614 \hsize\bidi@columnwidth
12615 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
12616 \bidi@LTRrigidbalance{\@nameuse{footins#1}}{\thr@@}{\splittopskip}}}}
12617 \bidi@ensure@newcommand{\m@make@mpthreecol@footgroup}[1]{%
12618 \@namedef{\@mpthreecol@footgroup#1}{%
12619 \def\baselinestretch{\m@mm@footnote@spacing}%
12620 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
12621 \m@mrigidbalance{\@nameuse{\@mpfootins#1}}{\thr@@}{\splittopskip}}}}
12622 \newcommand{\bidi@make@mpthreecol@LTRfootgroup}[1]{%
12623 \@namedef{\@mpthreecol@LTRfootgroup#1}{%
12624 \def\baselinestretch{\m@mm@footnote@spacing}%
12625 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
12626 \bidi@LTRrigidbalance{\@nameuse{\@mpfootins#1}}{\thr@@}{\splittopskip}}}}
12627 \bidi@ensure@newcommand{\fourcolumnfootnotes}{%
12628 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
12629 \@namedef{foottextfontv@l}{\LTRfoottextfont}%
12630 \@bidi@before@Hy@hyperfootnotes
12631 \let\@footnotetext\@fourcolfootnotetext
12632 \let\@LTRfootnotetext\@fourcolLTRfootnotetext
12633 \let\@RTLfootnotetext\@fourcolRTLfootnotetext
12634 \dimen\footinsv@r=4\footinsdim
12635 \count\footinsv@r=250\relax
12636 \m@make@fourcol@footgroup{v@r}%
12637 \let\@footgroupv@r\@fourcol@footgroupv@r
12638 \dimen\footinsv@l=4\footinsdim
12639 \count\footinsv@l=250\relax
12640 \bidi@make@fourcol@LTRfootgroup{v@l}%
12641 \let\@LTRfootgroupv@l\@fourcol@LTRfootgroupv@l
12642 \let\@mpfootnotetext\@mpfourcolfootnotetext
12643 \let\@mpLTRfootnotetext\@mpfourcolLTRfootnotetext
12644 \let\@mpRTLfootnotetext\@mpfourcolRTLfootnotetext
12645 \@bidi@after@Hy@hyperfootnotes
12646 \m@make@mpfourcol@footgroup{v@r}%
12647 \let\mp@footgroupv@r\@mpfourcol@footgroupv@r
12648 \bidi@make@mpfourcol@LTRfootgroup{v@l}%
12649 \let\mp@LTRfootgroupv@l\@mpfourcol@LTRfootgroupv@l
12650 \@ifstar\bidi@star@footmarkwidth\bidi@normal@footmarkwidth
12651 }
12652 \newcommand{\FourColumnFootnotes}{%

```



```

12653 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
12654 \@namedef{foottextfontv@l}{\LTRfoottextfont}%
12655 \@bidi@before@Hy@hyperfootnotes
12656 \let\@footnotetext\@FourColfootnotetext
12657 \let\@LTRfootnotetext\@FourColLTRfootnotetext
12658 \let\@RTLfootnotetext\@FourColRTLfootnotetext
12659 \dimen\footinsv@r=4\footinsdim
12660 \count\footinsv@r=250\relax
12661 \m@make@fourcol@footgroup{v@r}%
12662 \let\@footgroupv@r\@fourcol@footgroupv@r
12663 \dimen\footinsv@l=4\footinsdim
12664 \count\footinsv@l=250\relax
12665 \bidi@make@fourcol@LTRfootgroup{v@l}%
12666 \let\@LTRfootgroupv@l\@fourcol@LTRfootgroupv@l
12667 \let\@mpfootnotetext\@mpFourColfootnotetext
12668 \let\@mpLTRfootnotetext\@mpFourColLTRfootnotetext
12669 \let\@mpRTLfootnotetext\@mpFourColRTLfootnotetext
12670 \@bidi@after@Hy@hyperfootnotes
12671 \m@make@mpfourcol@footgroup{v@r}%
12672 \let\mp@footgroupv@r\@mpfourcol@footgroupv@r
12673 \bidi@make@mpfourcol@LTRfootgroup{v@l}%
12674 \let\mp@LTRfootgroupv@l\@mpfourcol@LTRfootgroupv@l
12675 \ifstar\bidi@star@footmarkwidth\bidi@normal@footmarkwidth
12676 }
12677 \bidi@ensure@newcommand{\@fourcolfootnotetext}[1]{\insert
12678   \if@RTL@footnote
12679     \footinsv@r
12680   \else
12681     \footinsv@l
12682   \fi
12683 {\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
12684   \def\baselinestretch{\m@mm@footnote@spacing}%
12685   \reset@font\foottextfont
12686   \@preamfntext
12687   \protected@edef\@currentlabel{%
12688     \csname p@footnote\endcsname\@thefnmark}%
12689   \color@begingroup
12690     \@fourcolfootfmt{#1}%
12691   \color@endgroup}%
12692   \m@mmf@prepare}
12693 \newcommand{\@FourColfootnotetext}[1]{%
12694   \bidi@step@absolutefootnote@count
12695   \if@RTL@footnote
12696     \bidi@reinsertfootnote\footinsv@l\@footstartv@l\@LTRfootgroupv@l
12697   \else
12698     \bidi@reinsertfootnote\footinsv@r\@footstartv@r\@footgroupv@r
12699   \fi
12700   \global\setbox
12701   \if@RTL@footnote
12702     \footinsv@r
12703   \else
12704     \footinsv@l
12705   \fi
12706   \vbox{%

```



```

12707 \unvbox
12708 \if@RTL@footnote
12709   \footinsv@r
12710 \else
12711   \footinsv@l
12712 \fi
12713 \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi
12714 \def\baselinestretch{\m@m@footnote@spacing}%
12715 \reset@font\foottextfont
12716 \@preamfntext
12717 \protected@edef\@currentlabel{%
12718   \csname p@footnote\endcsname\@thefnmark}%
12719 \color@begingroup
12720   \@fourcolfootfmt{#1}%
12721 \color@endgroup}%
12722 \m@mmf@prepare
12723 \if@RTL@footnote
12724   \bidi@reinsertfinalfootnoteperpage\footinsv@r\@footstartv@r\@footgroupv@r
12725 \else
12726   \bidi@reinsertfinalfootnoteperpage\footinsv@l\@footstartv@l\@LTRfootgroupv@l
12727 \fi
12728 }
12729 \bidi@ensure@newcommand{\@fourcolLTRfootnotetext}[1]{\insert\footinsv@l{\@RTLfalse%
12730 \def\baselinestretch{\m@m@footnote@spacing}%
12731 \reset@font\LTRfoottextfont
12732 \@preamfntext
12733 \protected@edef\@currentlabel{%
12734   \csname p@footnote\endcsname\@thefnmark}%
12735 \color@begingroup
12736   \@fourcolLTRfootfmt{#1}%
12737 \color@endgroup}%
12738 \m@mmf@prepare}
12739 \newcommand{\@FourColLTRfootnotetext}[1]{%
12740 \bidi@step@absolute@footnote@count
12741 \bidi@reinsertfootnote\footinsv@r\@footstartv@r\@footgroupv@r
12742 \global\setbox\footinsv@l\vbox{%
12743 \unvbox\footinsv@l
12744 \@RTLfalse%
12745 \def\baselinestretch{\m@m@footnote@spacing}%
12746 \reset@font\LTRfoottextfont
12747 \@preamfntext
12748 \protected@edef\@currentlabel{%
12749   \csname p@footnote\endcsname\@thefnmark}%
12750 \color@begingroup
12751   \@fourcolLTRfootfmt{#1}%
12752 \color@endgroup}%
12753 \m@mmf@prepare
12754 \bidi@reinsertfinalfootnoteperpage\footinsv@l\@footstartv@l\@LTRfootgroupv@l
12755 }
12756 \bidi@ensure@newcommand{\@fourcolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
12757 \def\baselinestretch{\m@m@footnote@spacing}%
12758 \reset@font\RTLfoottextfont
12759 \@preamfntext
12760 \protected@edef\@currentlabel{%

```



```

12761 \csname p@footnote\endcsname\@thefnmark}%
12762 \color@begingroup
12763 \@fourcolRTLfootfmt{#1}%
12764 \color@endgroup}%
12765 \m@mmf@prepare}
12766 \newcommand{\@FourColRTLfootnotetext}[1]{%
12767 \bidi@step@absolute@footnote@count
12768 \bidi@reinsertfootnote\footinsv@l\@footstartv@l\@LTRfootgroupv@l
12769 \global\setbox\footinsv@r\vbox{%
12770 \unvbox\footinsv@r
12771 \RTLtrue
12772 \def\baselinestretch{\m@m@footnote@spacing}%
12773 \reset@font\RTLfoottextfont
12774 \@preamfntext
12775 \protected@edef\@currentlabel{%
12776 \csname p@footnote\endcsname\@thefnmark}%
12777 \color@begingroup
12778 \@fourcolRTLfootfmt{#1}%
12779 \color@endgroup}%
12780 \m@mmf@prepare
12781 \bidi@reinsertfinalfootnoteperpage\footinsv@r\@footstartv@r\@footgroupv@r
12782 }
12783 \bidi@ensure@newcommand{\@preamfourfmt}{%
12784 \hspace{.25\hspace}
12785 \parindent=\z@
12786 \tolerance=5000\relax
12787 \leavevmode}
12788 \bidi@ensure@newcommand{\@fourcolfootfmt}[1]{%
12789 \@preamfourfmt
12790 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
12791 \bidi@ensure@newcommand{\@fourcolLTRfootfmt}[1]{%
12792 \@preamfourfmt
12793 {\LTRfootfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
12794 \bidi@ensure@newcommand{\@fourcolRTLfootfmt}[1]{%
12795 \@preamfourfmt
12796 {\RTLfootfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
12797 \bidi@ensure@newcommand{\@mpfourcolfootnotetext}[1]{%
12798 \global\setbox
12799 \if@RTL@footnote
12800 \@mpfootinsv@r
12801 \else
12802 \@mpfootinsv@l
12803 \fi
12804 \vbox{%
12805 \unvbox
12806 \if@RTL@footnote
12807 \@mpfootinsv@r
12808 \else
12809 \@mpfootinsv@l
12810 \fi
12811 \if@RTL@footnote\RTLtrue\else\RTLfalse\fi
12812 \def\baselinestretch{\m@m@footnote@spacing}%
12813 \reset@font\foottextfont
12814 \hspace\columnwidth \@parboxrestore

```



```

12815 \protected@edef\@currentlabel{%
12816 \csname p@mpfootnote\endcsname\@thefnmark}%
12817 \color@begingroup
12818 \@fourcolfootfmt{#1}%
12819 \color@endgroup}%
12820 \m@mmf@prepare}
12821 \newcommand{\@mpFourColfootnotetext}[1]{%
12822 \if@RTL@footnote
12823 \bidi@joinmpfootnotes\@mpfootinsv@l\@footstartv@l\mp@LTRfootgroupv@l
12824 \else
12825 \bidi@joinmpfootnotes\@mpfootinsv@r\@footstartv@r\mp@footgroupv@r
12826 \fi
12827 \global\setbox
12828 \if@RTL@footnote
12829 \@mpfootinsv@r
12830 \else
12831 \@mpfootinsv@l
12832 \fi
12833 \vbox{%
12834 \unvbox
12835 \if@RTL@footnote
12836 \@mpfootinsv@r
12837 \else
12838 \@mpfootinsv@l
12839 \fi
12840 \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi
12841 \def\baselinestretch{\m@m@footnote@spacing}%
12842 \reset@font\foottextfont
12843 \hsize\columnwidth \@parboxrestore
12844 \protected@edef\@currentlabel{%
12845 \csname p@mpfootnote\endcsname\@thefnmark}%
12846 \color@begingroup
12847 \@fourcolfootfmt{#1}%
12848 \color@endgroup}%
12849 \m@mmf@prepare}
12850 \bidi@ensure@newcommand{\@mpfourcolLTRfootnotetext}[1]{%
12851 \global\setbox\@mpfootinsv@l\vbox{%
12852 \unvbox\@mpfootinsv@l
12853 \@RTLfalse
12854 \def\baselinestretch{\m@m@footnote@spacing}%
12855 \reset@font\LTRfoottextfont
12856 \hsize\columnwidth \@parboxrestore
12857 \protected@edef\@currentlabel{%
12858 \csname p@mpfootnote\endcsname\@thefnmark}%
12859 \color@begingroup
12860 \@fourcolLTRfootfmt{#1}%
12861 \color@endgroup}%
12862 \m@mmf@prepare}
12863 \newcommand{\@mpFourCollTRfootnotetext}[1]{%
12864 \bidi@joinmpfootnotes\@mpfootinsv@r\@footstartv@r\mp@footgroupv@r
12865 \global\setbox\@mpfootinsv@l\vbox{%
12866 \unvbox\@mpfootinsv@l
12867 \@RTLfalse
12868 \def\baselinestretch{\m@m@footnote@spacing}%

```



```

12869 \reset@font\LTRfoottextfont
12870 \hsize\columnwidth \@parboxrestore
12871 \protected@edef\@currentlabel{%
12872 \csname p@mpfootnote\endcsname\@thefnmark}%
12873 \color@begingroup
12874 \@fourcolLTRfootfmt{#1}%
12875 \color@endgroup}%
12876 \m@mfmf@prepare}
12877 \bidi@ensure@newcommand{\@mpfourcolRTLfootnotetext}[1]{%
12878 \global\setbox\@mpfootinsv@r\vbox{%
12879 \unvbox\@mpfootinsv@r
12880 \@RTLtrue
12881 \def\baselinestretch{\m@m@footnote@spacing}%
12882 \reset@font\RTLfoottextfont
12883 \hsize\columnwidth \@parboxrestore
12884 \protected@edef\@currentlabel{%
12885 \csname p@mpfootnote\endcsname\@thefnmark}%
12886 \color@begingroup
12887 \@fourcolRTLfootfmt{#1}%
12888 \color@endgroup}%
12889 \m@mfmf@prepare}
12890 \newcommand{\@mpFourColRTLfootnotetext}[1]{%
12891 \bidi@joinmpfootnotes\@mpfootinsv@l\@footstartv@l\mp@LTRfootgroupv@l
12892 \global\setbox\@mpfootinsv@r\vbox{%
12893 \unvbox\@mpfootinsv@r
12894 \@RTLtrue
12895 \def\baselinestretch{\m@m@footnote@spacing}%
12896 \reset@font\RTLfoottextfont
12897 \hsize\columnwidth \@parboxrestore
12898 \protected@edef\@currentlabel{%
12899 \csname p@mpfootnote\endcsname\@thefnmark}%
12900 \color@begingroup
12901 \@fourcolRTLfootfmt{#1}%
12902 \color@endgroup}%
12903 \m@mfmf@prepare}
12904 \bidi@ensure@newcommand{\m@make@fourcol@footgroup}[1]{%
12905 \@namedef{@fourcol@footgroup#1}{%
12906 \def\baselinestretch{\m@m@footnote@spacing}%
12907 \hsize\bidi@columnwidth
12908 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
12909 \m@r@rigidbalance{\@nameuse{footins#1}}{4}{\splittopskip}}}}
12910 \newcommand{\bidi@make@fourcol@LTRfootgroup}[1]{%
12911 \@namedef{@fourcol@LTRfootgroup#1}{%
12912 \def\baselinestretch{\m@m@footnote@spacing}%
12913 \hsize\bidi@columnwidth
12914 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
12915 \bidi@LTRrigidbalance{\@nameuse{footins#1}}{4}{\splittopskip}}}}
12916 \bidi@ensure@newcommand{\m@make@mpfourcol@footgroup}[1]{%
12917 \@namedef{@mpfourcol@footgroup#1}{%
12918 \def\baselinestretch{\m@m@footnote@spacing}%
12919 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
12920 \m@r@rigidbalance{\@nameuse{@mpfootins#1}}{4}{\splittopskip}}}}
12921 \newcommand{\bidi@make@mpfourcol@LTRfootgroup}[1]{%
12922 \@namedef{@mpfourcol@LTRfootgroup#1}{%

```



```

12923 \def\baselinestretch{\m@m@footnote@spacing}%
12924 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
12925 \bidi@LTRrigidbalance{\@nameuse{@mpfootins#1}}{4}{\splittopskip}}}}
12926 \bidi@ensure@newcommand{\fivecolumnfootnotes}{%
12927   \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
12928   \@namedef{foottextfontv@l}{\LTRfoottextfont}%
12929   \@bidi@before@Hy@hyperfootnotes
12930   \let\@footnotetext\@fivecolfootnotetext
12931   \let\@LTRfootnotetext\@fivecolLTRfootnotetext
12932   \let\@RTLfootnotetext\@fivecolRTLfootnotetext
12933   \dimen\footinsv@r=5\footinsdim
12934   \count\footinsv@r=200\relax
12935   \m@make@fivecol@footgroup{v@r}%
12936   \let\@footgroupv@r\@fivecol@footgroupv@r
12937   \dimen\footinsv@l=5\footinsdim
12938   \count\footinsv@l=200\relax
12939   \bidi@make@fivecol@LTRfootgroup{v@l}%
12940   \let\@LTRfootgroupv@l\@fivecol@LTRfootgroupv@l
12941   \let\@mpfootnotetext\@mpfivecolfootnotetext
12942   \let\@mpLTRfootnotetext\@mpfivecolLTRfootnotetext
12943   \let\@mpRTLfootnotetext\@mpfivecolRTLfootnotetext
12944   \@bidi@after@Hy@hyperfootnotes
12945   \m@make@mpfivecol@footgroup{v@r}%
12946   \let\mp@footgroupv@r\@mpfivecol@footgroupv@r
12947   \bidi@make@mpfivecol@LTRfootgroup{v@l}%
12948   \let\mp@LTRfootgroupv@l\@mpfivecol@LTRfootgroupv@l
12949   \@ifstar\bidi@star@footmarkwidth\bidi@normal@footmarkwidth
12950 }
12951 \newcommand{\FiveColumnFootnotes}{%
12952   \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
12953   \@namedef{foottextfontv@l}{\LTRfoottextfont}%
12954   \@bidi@before@Hy@hyperfootnotes
12955   \let\@footnotetext\@FiveColfootnotetext
12956   \let\@LTRfootnotetext\@FiveColLTRfootnotetext
12957   \let\@RTLfootnotetext\@FiveColRTLfootnotetext
12958   \dimen\footinsv@r=5\footinsdim
12959   \count\footinsv@r=200\relax
12960   \m@make@fivecol@footgroup{v@r}%
12961   \let\@footgroupv@r\@fivecol@footgroupv@r
12962   \dimen\footinsv@l=5\footinsdim
12963   \count\footinsv@l=200\relax
12964   \bidi@make@fivecol@LTRfootgroup{v@l}%
12965   \let\@LTRfootgroupv@l\@fivecol@LTRfootgroupv@l
12966   \let\@mpfootnotetext\@mpFiveColfootnotetext
12967   \let\@mpLTRfootnotetext\@mpFiveColLTRfootnotetext
12968   \let\@mpRTLfootnotetext\@mpFiveColRTLfootnotetext
12969   \@bidi@after@Hy@hyperfootnotes
12970   \m@make@mpfivecol@footgroup{v@r}%
12971   \let\mp@footgroupv@r\@mpfivecol@footgroupv@r
12972   \bidi@make@mpfivecol@LTRfootgroup{v@l}%
12973   \let\mp@LTRfootgroupv@l\@mpfivecol@LTRfootgroupv@l
12974   \@ifstar\bidi@star@footmarkwidth\bidi@normal@footmarkwidth
12975 }
12976 \bidi@ensure@newcommand{\@fivecolfootnotetext}[1]{\insert

```



```

12977 \if@RTL@footnote
12978 \footinsv@r
12979 \else
12980 \footinsv@l
12981 \fi
12982 {\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
12983 \def\baselinestretch{\m@{footnote@spacing}}%
12984 \reset@font\foottextfont
12985 \@preamfntext
12986 \protected@edef\@currentlabel{%
12987 \csname p@footnote\endcsname\@thefnmark}%
12988 \color@begingroup
12989 \@fivecolfootfmt{#1}%
12990 \color@endgroup}%
12991 \m@{mmf@prepare}
12992 \newcommand{\@FiveColfootnotetext}[1]{%
12993 \bidi@step@absolute@footnote@count
12994 \if@RTL@footnote
12995 \bidi@reinsertfootnote\footinsv@l\@footstartv@l\@LTRfootgroupv@l
12996 \else
12997 \bidi@reinsertfootnote\footinsv@r\@footstartv@r\@footgroupv@r
12998 \fi
12999 \global\setbox
13000 \if@RTL@footnote
13001 \footinsv@r
13002 \else
13003 \footinsv@l
13004 \fi
13005 \vbox{%
13006 \unvbox
13007 \if@RTL@footnote
13008 \footinsv@r
13009 \else
13010 \footinsv@l
13011 \fi
13012 \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi
13013 \def\baselinestretch{\m@{footnote@spacing}}%
13014 \reset@font\foottextfont
13015 \@preamfntext
13016 \protected@edef\@currentlabel{%
13017 \csname p@footnote\endcsname\@thefnmark}%
13018 \color@begingroup
13019 \@fivecolfootfmt{#1}%
13020 \color@endgroup}%
13021 \m@{mmf@prepare}
13022 \if@RTL@footnote
13023 \bidi@reinsertfinalfootnoteperpage\footinsv@r\@footstartv@r\@footgroupv@r
13024 \else
13025 \bidi@reinsertfinalfootnoteperpage\footinsv@l\@footstartv@l\@LTRfootgroupv@l
13026 \fi
13027 }
13028 \bidi@ensure@newcommand{\@fivecolLTRfootnotetext}[1]{\insert\footinsv@l{\@RTLfalse%
13029 \def\baselinestretch{\m@{footnote@spacing}}%
13030 \reset@font\LTRfoottextfont

```



```

13031 \@preamfntext
13032 \protected@edef\@currentlabel{%
13033     \csname p@footnote\endcsname\@thefnmark}%
13034 \color@begingroup
13035     \@fivecolLTRfootfmt{#1}%
13036 \color@endgroup}%
13037 \m@mmf@prepare}
13038 \newcommand{\@FiveColLTRfootnotetext}[1]{%
13039     \bidi@step@absolutefootnote@count
13040     \bidi@reinsertfootnote\footinsv@r\@footstartv@r\@footgroupv@r
13041     \global\setbox\footinsv@l\vbox{%
13042         \unvbox\footinsv@l
13043         \@RTLfalse
13044         \def\baselinestretch{\m@m@footnote@spacing}%
13045         \reset@font\LTRfoottextfont
13046         \@preamfntext
13047         \protected@edef\@currentlabel{%
13048             \csname p@footnote\endcsname\@thefnmark}%
13049         \color@begingroup
13050             \@fivecolLTRfootfmt{#1}%
13051         \color@endgroup}%
13052         \m@mmf@prepare
13053     \bidi@reinsertfinalfootnoteperpage\footinsv@l\@footstartv@l\@LTRfootgroupv@l
13054 }
13055 \bidi@ensure@newcommand{\@fivecolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
13056     \def\baselinestretch{\m@m@footnote@spacing}%
13057     \reset@font\RTLfoottextfont
13058     \@preamfntext
13059     \protected@edef\@currentlabel{%
13060         \csname p@footnote\endcsname\@thefnmark}%
13061     \color@begingroup
13062         \@fivecolRTLfootfmt{#1}%
13063     \color@endgroup}%
13064     \m@mmf@prepare}
13065 \newcommand{\@FiveColRTLfootnotetext}[1]{%
13066     \bidi@step@absolutefootnote@count
13067     \bidi@reinsertfootnote\footinsv@l\@footstartv@l\@LTRfootgroupv@l
13068     \global\setbox\footinsv@r\vbox{%
13069         \unvbox\footinsv@r
13070         \@RTLtrue
13071         \def\baselinestretch{\m@m@footnote@spacing}%
13072         \reset@font\RTLfoottextfont
13073     \@preamfntext
13074     \protected@edef\@currentlabel{%
13075         \csname p@footnote\endcsname\@thefnmark}%
13076     \color@begingroup
13077         \@fivecolRTLfootfmt{#1}%
13078     \color@endgroup}%
13079     \m@mmf@prepare
13080     \bidi@reinsertfinalfootnoteperpage\footinsv@r\@footstartv@r\@footgroupv@r
13081 }
13082 \bidi@ensure@newcommand{\@preamfivefmt}{%
13083     \hspace{.2\hspace}
13084     \parindent=\z@

```



```

13085 \tolerance=5000\relax
13086 \leavevmode}
13087 \bidi@ensure@newcommand{\@fivecolfootfmt}[1]{%
13088 \@preamfivefmt
13089 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
13090 \bidi@ensure@newcommand{\@fivecolLTRfootfmt}[1]{%
13091 \@preamfivefmt
13092 {\LTRfootfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
13093 \bidi@ensure@newcommand{\@fivecolRTLfootfmt}[1]{%
13094 \@preamfivefmt
13095 {\RTLfootfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
13096 \bidi@ensure@newcommand{\@mpfivecolfootnotetext}[1]{%
13097 \global\setbox
13098 \if@RTL@footnote
13099 \@mpfootinsv@r
13100 \else
13101 \@mpfootinsv@l
13102 \fi
13103 \vbox{%
13104 \unvbox
13105 \if@RTL@footnote
13106 \@mpfootinsv@r
13107 \else
13108 \@mpfootinsv@l
13109 \fi
13110 \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi
13111 \def\baselinestretch{\m@m@footnote@spacing}%
13112 \reset@font\foottextfont
13113 \hsize\columnwidth \@parboxrestore
13114 \protected@edef\@currentlabel{%
13115 \csname p@mpfootnote\endcsname\@thefnmark}%
13116 \color@begingroup
13117 \@fivecolfootfmt{#1}%
13118 \color@endgroup}%
13119 \m@m@mmf@prepare}
13120 \newcommand{\@mpFiveColfootnotetext}[1]{%
13121 \if@RTL@footnote
13122 \bidi@joinmpfootnotes\@mpfootinsv@l\@footstartv@l\mp@LTRfootgroupv@l
13123 \else
13124 \bidi@joinmpfootnotes\@mpfootinsv@r\@footstartv@r\mp@footgroupv@r
13125 \fi
13126 \global\setbox
13127 \if@RTL@footnote
13128 \@mpfootinsv@r
13129 \else
13130 \@mpfootinsv@l
13131 \fi
13132 \vbox{%
13133 \unvbox
13134 \if@RTL@footnote
13135 \@mpfootinsv@r
13136 \else
13137 \@mpfootinsv@l
13138 \fi

```



```

13139 \ifRTL@footnote\@RTLtrue\else\@RTLfalse\fi
13140 \def\baselinestretch{\m@m@footnote@spacing}%
13141 \reset@font\foottextfont
13142 \hsize\columnwidth \@parboxrestore
13143 \protected@edef\@currentlabel{%
13144 \csname p@mpfootnote\endcsname\@thefnmark}%
13145 \color@begingroup
13146 \@fivecolfootfmt{#1}%
13147 \color@endgroup}%
13148 \m@mmf@prepare}
13149 \bidi@ensure@newcommand{\@mpfivecolLTRfootnotetext}[1]{%
13150 \global\setbox\@mpfootinsv@l\vbox{%
13151 \unvbox\@mpfootinsv@l
13152 \@RTLfalse
13153 \def\baselinestretch{\m@m@footnote@spacing}%
13154 \reset@font\LTRfoottextfont
13155 \hsize\columnwidth \@parboxrestore
13156 \protected@edef\@currentlabel{%
13157 \csname p@mpfootnote\endcsname\@thefnmark}%
13158 \color@begingroup
13159 \@fivecolLTRfootfmt{#1}%
13160 \color@endgroup}%
13161 \m@mmf@prepare}
13162 \newcommand{\@mpFiveColLTRfootnotetext}[1]{%
13163 \bidi@joinmpfootnotes\@mpfootinsv@r\@footstartv@r\mp@footgroupv@r
13164 \global\setbox\@mpfootinsv@l\vbox{%
13165 \unvbox\@mpfootinsv@l
13166 \@RTLfalse
13167 \def\baselinestretch{\m@m@footnote@spacing}%
13168 \reset@font\LTRfoottextfont
13169 \hsize\columnwidth \@parboxrestore
13170 \protected@edef\@currentlabel{%
13171 \csname p@mpfootnote\endcsname\@thefnmark}%
13172 \color@begingroup
13173 \@fivecolLTRfootfmt{#1}%
13174 \color@endgroup}%
13175 \m@mmf@prepare}
13176 \bidi@ensure@newcommand{\@mpfivecolRTLfootnotetext}[1]{%
13177 \global\setbox\@mpfootinsv@r\vbox{%
13178 \unvbox\@mpfootinsv@r
13179 \@RTLtrue
13180 \def\baselinestretch{\m@m@footnote@spacing}%
13181 \reset@font\RTLfoottextfont
13182 \hsize\columnwidth \@parboxrestore
13183 \protected@edef\@currentlabel{%
13184 \csname p@mpfootnote\endcsname\@thefnmark}%
13185 \color@begingroup
13186 \@fivecolRTLfootfmt{#1}%
13187 \color@endgroup}%
13188 \m@mmf@prepare}
13189 \newcommand{\@mpFiveColRTLfootnotetext}[1]{%
13190 \bidi@joinmpfootnotes\@mpfootinsv@l\@footstartv@l\mp@LTRfootgroupv@l
13191 \global\setbox\@mpfootinsv@r\vbox{%
13192 \unvbox\@mpfootinsv@r

```



```

13193 \RTLtrue
13194 \def\baselinestretch{\m@m@footnote@spacing}%
13195 \reset@font\RTLfoottextfont
13196 \hsize\columnwidth \@parboxrestore
13197 \protected@edef\@currentlabel{%
13198 \csname p@mpfootnote\endcsname\@thefnmark}%
13199 \color@begingroup
13200 \@fivecolRTLfootfmt{#1}%
13201 \color@endgroup}%
13202 \m@m@f@prepare}
13203 \bidi@ensure@newcommand{\m@make@fivecol@footgroup}[1]{%
13204 \namedef{\@fivecol@footgroup#1}{%
13205 \def\baselinestretch{\m@m@footnote@spacing}%
13206 \hsize\bidi@columnwidth
13207 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
13208 \m@r@rigidbalance{\@nameuse{footins#1}}{5}{\splittopskip}}}}
13209 \newcommand{\bidi@make@fivecol@LTRfootgroup}[1]{%
13210 \namedef{\@fivecol@LTRfootgroup#1}{%
13211 \def\baselinestretch{\m@m@footnote@spacing}%
13212 \hsize\bidi@columnwidth
13213 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
13214 \bidi@LTR@rigidbalance{\@nameuse{footins#1}}{5}{\splittopskip}}}}
13215 \bidi@ensure@newcommand{\m@make@mpfivecol@footgroup}[1]{%
13216 \namedef{\@mpfivecol@footgroup#1}{%
13217 \def\baselinestretch{\m@m@footnote@spacing}%
13218 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
13219 \m@m@r@rigidbalance{\@nameuse{\@mpfootins#1}}{5}{\splittopskip}}}}
13220 \newcommand{\bidi@make@mpfivecol@LTRfootgroup}[1]{%
13221 \namedef{\@mpfivecol@LTRfootgroup#1}{%
13222 \def\baselinestretch{\m@m@footnote@spacing}%
13223 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
13224 \bidi@LTR@rigidbalance{\@nameuse{\@mpfootins#1}}{5}{\splittopskip}}}}
13225 \bidi@ensure@newcommand{\sixcolumnfootnotes}{%
13226 \namedef{foottextfontv@r}{\foottextfont}% % [RS]
13227 \namedef{foottextfontv@l}{\LTRfoottextfont}%
13228 \@bidi@before@Hy@hyperfootnotes
13229 \let\@footnotetext\@sixcolfootnotetext
13230 \let\@LTRfootnotetext\@sixcolLTRfootnotetext
13231 \let\@RTLfootnotetext\@sixcolRTLfootnotetext
13232 \dimen\footinsv@r=6\footinsdim
13233 \count\footinsv@r=166\relax
13234 \m@make@sixcol@footgroup{v@r}%
13235 \let\@footgroupv@r\@sixcol@footgroupv@r
13236 \dimen\footinsv@l=6\footinsdim
13237 \count\footinsv@l=166\relax
13238 \bidi@make@sixcol@LTRfootgroup{v@l}%
13239 \let\@LTRfootgroupv@l\@sixcol@LTRfootgroupv@l
13240 \let\@mpfootnotetext\@mpsixcolfootnotetext
13241 \let\@mpLTRfootnotetext\@mpsixcolLTRfootnotetext
13242 \let\@mpRTLfootnotetext\@mpsixcolRTLfootnotetext
13243 \@bidi@after@Hy@hyperfootnotes
13244 \m@make@mpsixcol@footgroup{v@r}%
13245 \let\mp@footgroupv@r\@mpsixcol@footgroupv@r
13246 \bidi@make@mpsixcol@LTRfootgroup{v@l}%

```



```

13247 \let\mp@LTRfootgroupv@1\@mpsixcol@LTRfootgroupv@1
13248 \@ifstar\@bidi@star@footmarkwidth\@bidi@normal@footmarkwidth
13249 }
13250 \newcommand{\SixColumnFootnotes}{%
13251 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
13252 \@namedef{foottextfontv@l}{\LTRfoottextfont}%
13253 \@bidi@before@Hy@hyperfootnotes
13254 \let\@footnotetext\@SixColfootnotetext
13255 \let\@LTRfootnotetext\@SixColLTRfootnotetext
13256 \let\@RTLfootnotetext\@SixColRTLfootnotetext
13257 \dimen\footinsv@r=6\footinsdim
13258 \count\footinsv@r=166\relax
13259 \m@make@sixcol@footgroup{v@r}%
13260 \let\@footgroupv@r\@sixcol@footgroupv@r
13261 \dimen\footinsv@l=6\footinsdim
13262 \count\footinsv@l=166\relax
13263 \bidi@make@sixcol@LTRfootgroup{v@l}%
13264 \let\@LTRfootgroupv@l\@sixcol@LTRfootgroupv@l
13265 \let\@mpfootnotetext\@mpSixColfootnotetext
13266 \let\@mpLTRfootnotetext\@mpSixColLTRfootnotetext
13267 \let\@mpRTLfootnotetext\@mpSixColRTLfootnotetext
13268 \@bidi@after@Hy@hyperfootnotes
13269 \m@make@mpsixcol@footgroup{v@r}%
13270 \let\mp@footgroupv@r\@mpsixcol@footgroupv@r
13271 \bidi@make@mpsixcol@LTRfootgroup{v@l}%
13272 \let\mp@LTRfootgroupv@l\@mpsixcol@LTRfootgroupv@l
13273 \@ifstar\@bidi@star@footmarkwidth\@bidi@normal@footmarkwidth
13274 }
13275 \bidi@ensure@newcommand{\@sixcolfootnotetext}[1]{\insert
13276 \if@RTL@footnote
13277 \footinsv@r
13278 \else
13279 \footinsv@l
13280 \fi
13281 {\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
13282 \def\baselinestretch{\m@footnote@spacing}%
13283 \reset@font\foottextfont
13284 \@preamfntext
13285 \protected@edef\@currentlabel{%
13286 \csname p@footnote\endcsname\@thefnmark}%
13287 \color@begingroup
13288 \@sixcolfootfmt{#1}%
13289 \color@endgroup}%
13290 \m@mmf@prepare}
13291 \newcommand{\@SixColfootnotetext}[1]{%
13292 \bidi@step@absolute@footnote@count
13293 \if@RTL@footnote
13294 \bidi@reinsertfootnote\footinsv@l\@footstartv@l\@LTRfootgroupv@l
13295 \else
13296 \bidi@reinsertfootnote\footinsv@r\@footstartv@r\@footgroupv@r
13297 \fi
13298 \global\setbox
13299 \if@RTL@footnote
13300 \footinsv@r

```



```

13301 \else
13302   \footinsv@l
13303 \fi
13304 \vbox{%
13305   \unvbox
13306   \if@RTL@footnote
13307     \footinsv@r
13308   \else
13309     \footinsv@l
13310   \fi
13311   \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
13312   \def\baselinestretch{\m@m@footnote@spacing}%
13313   \reset@font\foottextfont
13314   \@preamfntext
13315   \protected@edef\@currentlabel{%
13316     \csname p@footnote\endcsname\@thefnmark}%
13317   \color@begingroup
13318     \@sixcolfootfmt{#1}%
13319   \color@endgroup}%
13320   \m@m@mmf@prepare
13321   \if@RTL@footnote
13322     \bidi@reinsertfinalfootnoteperpage\footinsv@r\@footstartv@r\@footgroupv@r
13323   \else
13324     \bidi@reinsertfinalfootnoteperpage\footinsv@l\@footstartv@l\@LTRfootgroupv@l
13325   \fi
13326 }
13327 \bidi@ensure@newcommand{\@sixcolLTRfootnotetext}[1]{\insert\footinsv@l{\@RTLfalse%
13328   \def\baselinestretch{\m@m@footnote@spacing}%
13329   \reset@font\LTRfoottextfont
13330   \@preamfntext
13331   \protected@edef\@currentlabel{%
13332     \csname p@footnote\endcsname\@thefnmark}%
13333   \color@begingroup
13334     \@sixcolLTRfootfmt{#1}%
13335   \color@endgroup}%
13336   \m@m@mmf@prepare}
13337 \newcommand{\@SixColLTRfootnotetext}[1]{%
13338   \bidi@step@absolute@footnote@count
13339   \bidi@reinsertfootnote\footinsv@r\@footstartv@r\@footgroupv@r
13340   \global\setbox\footinsv@l\vbox{%
13341     \unvbox\footinsv@l
13342     \@RTLfalse
13343     \def\baselinestretch{\m@m@footnote@spacing}%
13344     \reset@font\LTRfoottextfont
13345     \@preamfntext
13346     \protected@edef\@currentlabel{%
13347       \csname p@footnote\endcsname\@thefnmark}%
13348     \color@begingroup
13349       \@sixcolLTRfootfmt{#1}%
13350     \color@endgroup}%
13351     \m@m@mmf@prepare
13352     \bidi@reinsertfinalfootnoteperpage\footinsv@l\@footstartv@l\@LTRfootgroupv@l
13353 }
13354 \bidi@ensure@newcommand{\@sixcolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%

```



```

13355 \def\baselinestretch{\m@m@footnote@spacing}%
13356 \reset@font\RTLfoottextfont
13357 \@preamfntext
13358 \protected@edef\@currentlabel{%
13359   \csname p@footnote\endcsname\@thefnmark}%
13360 \color@begingroup
13361   \@sixcolRTLfootfmt{#1}%
13362 \color@endgroup}%
13363 \m@mmf@prepare}
13364 \newcommand{\@SixColRTLfootnotetext}[1]{%
13365   \bidi@step@absolutefootnote@count
13366   \bidi@reinsertfootnote\footinsv@l\@footstartv@l\@LTRfootgroupv@l
13367   \global\setbox\footinsv@r\vbox{%
13368     \unvbox\footinsv@r
13369     \RTLtrue
13370   \def\baselinestretch{\m@m@footnote@spacing}%
13371   \reset@font\RTLfoottextfont
13372   \@preamfntext
13373   \protected@edef\@currentlabel{%
13374     \csname p@footnote\endcsname\@thefnmark}%
13375   \color@begingroup
13376     \@sixcolRTLfootfmt{#1}%
13377   \color@endgroup}%
13378   \m@mmf@prepare
13379   \bidi@reinsertfinalfootnoteperpage\footinsv@r\@footstartv@r\@footgroupv@r
13380 }
13381 \bidi@ensure@newcommand{\@preamsixfmt}{%
13382   \hsize .16\hsize
13383   \parindent=\z@
13384   \tolerance=5000\relax
13385   \leavevmode}
13386 \bidi@ensure@newcommand{\@sixcolfootfmt}[1]{%
13387   \@preamsixfmt
13388   {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
13389 \bidi@ensure@newcommand{\@sixcolLTRfootfmt}[1]{%
13390   \@preamsixfmt
13391   {\LTRfootfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
13392 \bidi@ensure@newcommand{\@sixcolRTLfootfmt}[1]{%
13393   \@preamsixfmt
13394   {\RTLfootfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
13395 \bidi@ensure@newcommand{\@mpsixcolfootnotetext}[1]{%
13396   \global\setbox
13397     \if@RTL@footnote
13398     \@mpfootinsv@r
13399   \else
13400     \@mpfootinsv@l
13401   \fi
13402   \vbox{%
13403     \unvbox
13404     \if@RTL@footnote
13405     \@mpfootinsv@r
13406   \else
13407     \@mpfootinsv@l
13408   \fi

```



```

13409 \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi
13410 \def\baselinestretch{\m@m@footnote@spacing}%
13411 \reset@font\foottextfont
13412 \hsize\columnwidth \@parboxrestore
13413 \protected@edef\@currentlabel{%
13414 \csname p@mpfootnote\endcsname\@thefnmark}%
13415 \color@begingroup
13416 \@sixcolfootfmt{#1}%
13417 \color@endgroup}%
13418 \m@m@mmf@prepare}
13419 \newcommand{\@mpSixColfootnotetext}[1]{%
13420 \if@RTL@footnote
13421 \bidi@joinmpfootnotes\@mpfootinsv@l\@footstartv@l\mp@LTRfootgroupv@l
13422 \else
13423 \bidi@joinmpfootnotes\@mpfootinsv@r\@footstartv@r\mp@footgroupv@r
13424 \fi
13425 \global\setbox
13426 \if@RTL@footnote
13427 \@mpfootinsv@r
13428 \else
13429 \@mpfootinsv@l
13430 \fi
13431 \vbox{%
13432 \unvbox
13433 \if@RTL@footnote
13434 \@mpfootinsv@r
13435 \else
13436 \@mpfootinsv@l
13437 \fi
13438 \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi
13439 \def\baselinestretch{\m@m@footnote@spacing}%
13440 \reset@font\foottextfont
13441 \hsize\columnwidth \@parboxrestore
13442 \protected@edef\@currentlabel{%
13443 \csname p@mpfootnote\endcsname\@thefnmark}%
13444 \color@begingroup
13445 \@sixcolfootfmt{#1}%
13446 \color@endgroup}%
13447 \m@m@mmf@prepare}
13448 \bidi@ensure@newcommand{\@mpsixcollTRfootnotetext}[1]{%
13449 \global\setbox\@mpfootinsv@l\vbox{%
13450 \unvbox\@mpfootinsv@l
13451 \@RTLfalse
13452 \def\baselinestretch{\m@m@footnote@spacing}%
13453 \reset@font\LTRfoottextfont
13454 \hsize\columnwidth \@parboxrestore
13455 \protected@edef\@currentlabel{%
13456 \csname p@mpfootnote\endcsname\@thefnmark}%
13457 \color@begingroup
13458 \@sixcollTRfootfmt{#1}%
13459 \color@endgroup}%
13460 \m@m@mmf@prepare}
13461 \newcommand{\@mpSixCollTRfootnotetext}[1]{%
13462 \bidi@joinmpfootnotes\@mpfootinsv@r\@footstartv@r\mp@footgroupv@r

```



```

13463 \global\setbox\@mpfootinsv@l\vbox{%
13464   \unvbox\@mpfootinsv@l
13465   \@RTLfalse
13466   \def\baselinestretch{\m@m@footnote@spacing}%
13467   \reset@font\LTRfoottextfont
13468   \hsize\columnwidth \@parboxrestore
13469   \protected@edef\@currentlabel{%
13470     \csname p@mpfootnote\endcsname\@thefnmark}%
13471   \color@begingroup
13472     \@sixcolLTRfootfmt{#1}%
13473   \color@endgroup}%
13474   \m@m@mmf@prepare}
13475 \bidi@ensure@newcommand{\@mpsixcolRTLfootnotetext}[1]{%
13476   \global\setbox\@mpfootinsv@r\vbox{%
13477     \unvbox\@mpfootinsv@r
13478     \@RTLtrue
13479     \def\baselinestretch{\m@m@footnote@spacing}%
13480     \reset@font\RTLfoottextfont
13481     \hsize\columnwidth \@parboxrestore
13482     \protected@edef\@currentlabel{%
13483       \csname p@mpfootnote\endcsname\@thefnmark}%
13484     \color@begingroup
13485       \@sixcolRTLfootfmt{#1}%
13486     \color@endgroup}%
13487     \m@m@mmf@prepare}
13488 \newcommand{\@mpSixColRTLfootnotetext}[1]{%
13489   \bidi@joinmpfootnotes\@mpfootinsv@l\@footstartv@l\mp@LTRfootgroupv@l
13490   \global\setbox\@mpfootinsv@r\vbox{%
13491     \unvbox\@mpfootinsv@r
13492     \@RTLtrue
13493     \def\baselinestretch{\m@m@footnote@spacing}%
13494     \reset@font\RTLfoottextfont
13495     \hsize\columnwidth \@parboxrestore
13496     \protected@edef\@currentlabel{%
13497       \csname p@mpfootnote\endcsname\@thefnmark}%
13498     \color@begingroup
13499       \@sixcolRTLfootfmt{#1}%
13500     \color@endgroup}%
13501     \m@m@mmf@prepare}
13502 \bidi@ensure@newcommand{\m@make@sixcol@footgroup}[1]{%
13503   \@namedef{\@sixcol@footgroup#1}{%
13504     \def\baselinestretch{\m@m@footnote@spacing}%
13505     \hsize\bidi@columnwidth
13506     \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
13507     \m@m@rigidbalance{\@nameuse{footins#1}}{6}{\splittopskip}}}%
13508 \newcommand{\bidi@make@sixcol@LTRfootgroup}[1]{%
13509   \@namedef{\@sixcol@LTRfootgroup#1}{%
13510     \def\baselinestretch{\m@m@footnote@spacing}%
13511     \hsize\bidi@columnwidth
13512     \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
13513     \bidi@LTRrigidbalance{\@nameuse{footins#1}}{6}{\splittopskip}}}%
13514 \bidi@ensure@newcommand{\m@make@mpsixcol@footgroup}[1]{%
13515   \@namedef{\@mpsixcol@footgroup#1}{%
13516     \def\baselinestretch{\m@m@footnote@spacing}%

```



```

13517 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
13518 \m@mrigidbalance{\@nameuse{mpfootins#1}}{6}{\splittopskip}}}}
13519 \newcommand{\bidi@make@mpsixcol@LTRfootgroup}[1]{%
13520 \@namedef{\mpsixcol@LTRfootgroup#1}{%
13521 \def\baselinestretch{\m@m@footnote@spacing}%
13522 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
13523 \bidi@LTRrigidbalance{\@nameuse{mpfootins#1}}{6}{\splittopskip}}}}
13524 \bidi@ensure@newcommand{\sevendcolumnfootnotes}{%
13525 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
13526 \@namedef{foottextfontv@l}{\LTRfoottextfont}%
13527 \@bidi@before@Hy@hyperfootnotes
13528 \let\@footnotetext\@sevendcolfootnotetext
13529 \let\@LTRfootnotetext\@sevendcolLTRfootnotetext
13530 \let\@RTLfootnotetext\@sevendcolRTLfootnotetext
13531 \dimen\footinsv@r=7\footinsdim
13532 \count\footinsv@r=142\relax
13533 \m@make@sevendcol@footgroup{v@r}%
13534 \let\@footgroupv@r\@sevendcol@footgroupv@r
13535 \dimen\footinsv@l=7\footinsdim
13536 \count\footinsv@l=142\relax
13537 \bidi@make@sevendcol@LTRfootgroup{v@l}%
13538 \let\@LTRfootgroupv@l\@sevendcol@LTRfootgroupv@l
13539 \let\@mpfootnotetext\@mpsevendcolfootnotetext
13540 \let\@mpLTRfootnotetext\@mpsevendcolLTRfootnotetext
13541 \let\@mpRTLfootnotetext\@mpsevendcolRTLfootnotetext
13542 \@bidi@after@Hy@hyperfootnotes
13543 \m@make@mpsevendcol@footgroup{v@r}%
13544 \let\mp@footgroupv@r\@mpsevendcol@footgroupv@r
13545 \bidi@make@mpsevendcol@LTRfootgroup{v@l}%
13546 \let\mp@LTRfootgroupv@l\@mpsevendcol@LTRfootgroupv@l
13547 \@ifstar\bidi@star@footmarkwidth\bidi@normal@footmarkwidth
13548 }
13549 \newcommand{\SevenColumnFootnotes}{%
13550 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
13551 \@namedef{foottextfontv@l}{\LTRfoottextfont}%
13552 \@bidi@before@Hy@hyperfootnotes
13553 \let\@footnotetext\@SevenColfootnotetext
13554 \let\@LTRfootnotetext\@SevenColLTRfootnotetext
13555 \let\@RTLfootnotetext\@SevenColRTLfootnotetext
13556 \dimen\footinsv@r=7\footinsdim
13557 \count\footinsv@r=142\relax
13558 \m@make@sevendcol@footgroup{v@r}%
13559 \let\@footgroupv@r\@sevendcol@footgroupv@r
13560 \dimen\footinsv@l=7\footinsdim
13561 \count\footinsv@l=142\relax
13562 \bidi@make@sevendcol@LTRfootgroup{v@l}%
13563 \let\@LTRfootgroupv@l\@sevendcol@LTRfootgroupv@l
13564 \let\@mpfootnotetext\@mpSevenColfootnotetext
13565 \let\@mpLTRfootnotetext\@mpSevenColLTRfootnotetext
13566 \let\@mpRTLfootnotetext\@mpSevenColRTLfootnotetext
13567 \@bidi@after@Hy@hyperfootnotes
13568 \m@make@mpsevendcol@footgroup{v@r}%
13569 \let\mp@footgroupv@r\@mpsevendcol@footgroupv@r
13570 \bidi@make@mpsevendcol@LTRfootgroup{v@l}%

```



```

13571 \let\mp@LTRfootgroupv@l\@mpsevenscol@LTRfootgroupv@l
13572 \@ifstar\@bidi@star@footmarkwidth\@bidi@normal@footmarkwidth
13573 }
13574 \bidi@ensure@newcommand{\@sevenscolfootnotetext}[1]{\insert
13575   \if@RTL@footnote
13576     \footinsv@r
13577   \else
13578     \footinsv@l
13579   \fi
13580 {\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
13581 \def\baselinestretch{\m@m@footnote@spacing}%
13582 \reset@font\foottextfont
13583 \@preamfntext
13584 \protected@edef\@currentlabel{%
13585   \csname p@footnote\endcsname\@thefnmark}%
13586 \color@begingroup
13587   \@sevenscolfootfmt{#1}%
13588 \color@endgroup}%
13589 \m@m@mmf@prepare}
13590 \newcommand{\@SevenColfootnotetext}[1]{%
13591 \bidi@step@absolute@footnote@count
13592 \if@RTL@footnote
13593   \bidi@reinsertfootnote\footinsv@l\@footstartv@l\@LTRfootgroupv@l
13594 \else
13595   \bidi@reinsertfootnote\footinsv@r\@footstartv@r\@footgroupv@r
13596 \fi
13597 \global\setbox
13598 \if@RTL@footnote
13599   \footinsv@r
13600 \else
13601   \footinsv@l
13602 \fi
13603 \vbox{%
13604   \unvbox
13605   \if@RTL@footnote
13606     \footinsv@r
13607   \else
13608     \footinsv@l
13609   \fi
13610   \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi
13611   \def\baselinestretch{\m@m@footnote@spacing}%
13612   \reset@font\foottextfont
13613   \@preamfntext
13614   \protected@edef\@currentlabel{%
13615     \csname p@footnote\endcsname\@thefnmark}%
13616   \color@begingroup
13617     \@sevenscolfootfmt{#1}%
13618   \color@endgroup}%
13619   \m@m@mmf@prepare
13620   \if@RTL@footnote
13621     \bidi@reinsertfinalfootnoteperpage\footinsv@r\@footstartv@r\@footgroupv@r
13622   \else
13623     \bidi@reinsertfinalfootnoteperpage\footinsv@l\@footstartv@l\@LTRfootgroupv@l
13624   \fi

```



```

13625 }
13626 \bidi@ensure@newcommand{\@sevendcolLTRfootnotetext}[1]{\insert\footinsv@l{\@RTLfalse%
13627 \def\baselinestretch{\m@m@footnote@spacing}%
13628 \reset@font\LTRfoottextfont
13629 \@preamfntext
13630 \protected@edef\@currentlabel{%
13631 \csname p@footnote\endcsname\@thefnmark}%
13632 \color@begingroup
13633 \@sevendcolLTRfootfmt{#1}%
13634 \color@endgroup}%
13635 \m@mmf@prepare}
13636 \newcommand{\@SevenColLTRfootnotetext}[1]{%
13637 \bidi@step@absolutefootnote@count
13638 \bidi@reinsertfootnote\footinsv@r\@footstartv@r\@footgroupv@r
13639 \global\setbox\footinsv@l\vbox{%
13640 \unvbox\footinsv@l
13641 \@RTLfalse
13642 \def\baselinestretch{\m@m@footnote@spacing}%
13643 \reset@font\LTRfoottextfont
13644 \@preamfntext
13645 \protected@edef\@currentlabel{%
13646 \csname p@footnote\endcsname\@thefnmark}%
13647 \color@begingroup
13648 \@sevendcolLTRfootfmt{#1}%
13649 \color@endgroup}%
13650 \m@mmf@prepare
13651 \bidi@reinsertfinalfootnoteperpage\footinsv@l\@footstartv@l\@LTRfootgroupv@l
13652 }
13653 \bidi@ensure@newcommand{\@sevendcolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
13654 \def\baselinestretch{\m@m@footnote@spacing}%
13655 \reset@font\RTLfoottextfont
13656 \@preamfntext
13657 \protected@edef\@currentlabel{%
13658 \csname p@footnote\endcsname\@thefnmark}%
13659 \color@begingroup
13660 \@sevendcolRTLfootfmt{#1}%
13661 \color@endgroup}%
13662 \m@mmf@prepare}
13663 \newcommand{\@SevenColRTLfootnotetext}[1]{%
13664 \bidi@step@absolutefootnote@count
13665 \bidi@reinsertfootnote\footinsv@l\@footstartv@l\@LTRfootgroupv@l
13666 \global\setbox\footinsv@r\vbox{%
13667 \unvbox\footinsv@r
13668 \@RTLtrue
13669 \def\baselinestretch{\m@m@footnote@spacing}%
13670 \reset@font\RTLfoottextfont
13671 \@preamfntext
13672 \protected@edef\@currentlabel{%
13673 \csname p@footnote\endcsname\@thefnmark}%
13674 \color@begingroup
13675 \@sevendcolRTLfootfmt{#1}%
13676 \color@endgroup}%
13677 \m@mmf@prepare
13678 \bidi@reinsertfinalfootnoteperpage\footinsv@r\@footstartv@r\@footgroupv@r

```



```

13679 }
13680 \bidi@ensure@newcommand{\@preamsevenfmt}{%
13681   \hsize .142\hsize
13682   \parindent=\z@
13683   \tolerance=5000\relax
13684   \leavevmode}
13685 \bidi@ensure@newcommand{\@sevencolfootfmt}[1]{%
13686   \@preamsevenfmt
13687   {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
13688 \bidi@ensure@newcommand{\@sevencolLTRfootfmt}[1]{%
13689   \@preamsevenfmt
13690   {\LTRfootfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
13691 \bidi@ensure@newcommand{\@sevencolRTLfootfmt}[1]{%
13692   \@preamsevenfmt
13693   {\RTLfootfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
13694 \bidi@ensure@newcommand{\@mpsevencolfootnotetext}[1]{%
13695   \global\setbox
13696     \if@RTL@footnote
13697     \@mpfootinsv@r
13698   \else
13699     \@mpfootinsv@l
13700   \fi
13701   \vbox{%
13702     \unvbox
13703     \if@RTL@footnote
13704     \@mpfootinsv@r
13705   \else
13706     \@mpfootinsv@l
13707   \fi
13708   \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi
13709   \def\baselinestretch{\m@m@footnote@spacing}%
13710   \reset@font\foottextfont
13711   \hsize\columnwidth \@parboxrestore
13712   \protected@edef\@currentlabel{%
13713     \csname p@mpfootnote\endcsname\@thefnmark}%
13714   \color@begin@group
13715     \@sevencolfootfmt{#1}%
13716   \color@end@group}%
13717   \m@m@mmf@prepare}
13718 \newcommand{\@mpSevenColfootnotetext}[1]{%
13719   \if@RTL@footnote
13720     \bidi@joinmpfootnotes\@mpfootinsv@l\@footstartv@l\mp@LTRfootgroupv@l
13721   \else
13722     \bidi@joinmpfootnotes\@mpfootinsv@r\@footstartv@r\mp@footgroupv@r
13723   \fi
13724   \global\setbox
13725     \if@RTL@footnote
13726     \@mpfootinsv@r
13727   \else
13728     \@mpfootinsv@l
13729   \fi
13730   \vbox{%
13731     \unvbox
13732     \if@RTL@footnote

```



```

13733 \mpfootinsv@r
13734 \else
13735 \mpfootinsv@l
13736 \fi
13737 \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi
13738 \def\baselinestretch{\m@m@footnote@spacing}%
13739 \reset@font\foottextfont
13740 \hsize\columnwidth \@parboxrestore
13741 \protected@edef\@currentlabel{%
13742 \csname p@mpfootnote\endcsname\@thefnmark}%
13743 \color@begingroup
13744 \@sevenscolfootfmt{#1}%
13745 \color@endgroup}%
13746 \m@m@mmf@prepare}
13747 \bidi@ensure@newcommand{\@mpsevencolLTRfootnotetext}[1]{%
13748 \global\setbox\@mpfootinsv@l\vbox{%
13749 \unvbox\@mpfootinsv@l
13750 \@RTLfalse
13751 \def\baselinestretch{\m@m@footnote@spacing}%
13752 \reset@font\LTRfoottextfont
13753 \hsize\columnwidth \@parboxrestore
13754 \protected@edef\@currentlabel{%
13755 \csname p@mpfootnote\endcsname\@thefnmark}%
13756 \color@begingroup
13757 \@sevenscolLTRfootfmt{#1}%
13758 \color@endgroup}%
13759 \m@m@mmf@prepare}
13760 \newcommand{\@mpSevenColLTRfootnotetext}[1]{%
13761 \bidi@joinmpfootnotes\@mpfootinsv@r\@footstartv@r\mp@footgroupv@r
13762 \global\setbox\@mpfootinsv@l\vbox{%
13763 \unvbox\@mpfootinsv@l
13764 \@RTLfalse
13765 \def\baselinestretch{\m@m@footnote@spacing}%
13766 \reset@font\LTRfoottextfont
13767 \hsize\columnwidth \@parboxrestore
13768 \protected@edef\@currentlabel{%
13769 \csname p@mpfootnote\endcsname\@thefnmark}%
13770 \color@begingroup
13771 \@sevenscolLTRfootfmt{#1}%
13772 \color@endgroup}%
13773 \m@m@mmf@prepare}
13774 \bidi@ensure@newcommand{\@mpsevencolRTLfootnotetext}[1]{%
13775 \global\setbox\@mpfootinsv@r\vbox{%
13776 \unvbox\@mpfootinsv@r
13777 \@RTLtrue
13778 \def\baselinestretch{\m@m@footnote@spacing}%
13779 \reset@font\RTLfoottextfont
13780 \hsize\columnwidth \@parboxrestore
13781 \protected@edef\@currentlabel{%
13782 \csname p@mpfootnote\endcsname\@thefnmark}%
13783 \color@begingroup
13784 \@sevenscolRTLfootfmt{#1}%
13785 \color@endgroup}%
13786 \m@m@mmf@prepare}

```



```

13787 \newcommand{\@mpSevenColRTLfootnotetext}[1]{%
13788   \bidi@joinmpfootnotes\@mpfootinsv@l\@footstartv@l\mp@LTRfootgroupv@l
13789   \global\setbox\@mpfootinsv@r\vbox{%
13790     \unvbox\@mpfootinsv@r
13791     \RTLtrue
13792     \def\baselinestretch{\m@m@footnote@spacing}%
13793     \reset@font\RTLfoottextfont
13794     \hsize\columnwidth \@parboxrestore
13795     \protected@edef\@currentlabel{%
13796       \csname p@mpfootnote\endcsname\@thefnmark}%
13797     \color@begingroup
13798     \@sevenscolRTLfootfmt{#1}%
13799     \color@endgroup}%
13800   \m@m@prepare}
13801 \bidi@ensure@newcommand{\m@make@sevenscol@footgroup}[1]{%
13802   \@namedef{@sevenscol@footgroup#1}{%
13803     \def\baselinestretch{\m@m@footnote@spacing}%
13804     \hsize\bidi@columnwidth
13805     \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
13806     \m@mrigidbalance{\@nameuse{footins#1}}{7}{\splittopskip}}}%
13807 \newcommand{\bidi@make@sevenscol@LTRfootgroup}[1]{%
13808   \@namedef{@sevenscol@LTRfootgroup#1}{%
13809     \def\baselinestretch{\m@m@footnote@spacing}%
13810     \hsize\bidi@columnwidth
13811     \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
13812     \bidi@LTRrigidbalance{\@nameuse{footins#1}}{7}{\splittopskip}}}%
13813 \bidi@ensure@newcommand{\m@make@mpsevenscol@footgroup}[1]{%
13814   \@namedef{@mpsevenscol@footgroup#1}{%
13815     \def\baselinestretch{\m@m@footnote@spacing}%
13816     \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
13817     \m@mrigidbalance{\@nameuse{@mpfootins#1}}{7}{\splittopskip}}}%
13818 \newcommand{\bidi@make@mpsevenscol@LTRfootgroup}[1]{%
13819   \@namedef{@mpsevenscol@LTRfootgroup#1}{%
13820     \def\baselinestretch{\m@m@footnote@spacing}%
13821     \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
13822     \bidi@LTRrigidbalance{\@nameuse{@mpfootins#1}}{7}{\splittopskip}}}%
13823 \bidi@ensure@newcommand{\eightcolumnfootnotes}{%
13824   \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
13825   \@namedef{foottextfontv@l}{\LTRfoottextfont}%
13826   \@bidi@before@Hy@hyperfootnotes
13827   \let\@footnotetext\@eightcolfootnotetext
13828   \let\@LTRfootnotetext\@eightcolLTRfootnotetext
13829   \let\@RTLfootnotetext\@eightcolRTLfootnotetext
13830   \dimen\footinsv@r=8\footinsdim
13831   \count\footinsv@r=125\relax
13832   \m@make@eightcol@footgroup{v@r}%
13833   \let\@footgroupv@r\@eightcol@footgroupv@r
13834   \dimen\footinsv@l=8\footinsdim
13835   \count\footinsv@l=125\relax
13836   \bidi@make@eightcol@LTRfootgroup{v@l}%
13837   \let\@LTRfootgroupv@l\@eightcol@LTRfootgroupv@l
13838   \let\@mpfootnotetext\@mpeightcolfootnotetext
13839   \let\@mpLTRfootnotetext\@mpeightcolLTRfootnotetext
13840   \let\@mpRTLfootnotetext\@mpeightcolRTLfootnotetext

```



```

13841 \@bidi@after@Hy@hyperfootnotes
13842 \m@make@mp@eightcol@footgroup{v@r}%
13843 \let\mp@footgroupv@r\@mp@eightcol@footgroupv@r
13844 \bidi@make@mp@eightcol@LTRfootgroup{v@l}%
13845 \let\mp@LTRfootgroupv@l\@mp@eightcol@LTRfootgroupv@l
13846 \@ifstar\bidi@star@footmarkwidth\bidi@normal@footmarkwidth
13847 }
13848 \newcommand{\EightColumnFootnotes}{%
13849 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
13850 \@namedef{foottextfontv@l}{\LTRfoottextfont}%
13851 \@bidi@before@Hy@hyperfootnotes
13852 \let\@footnotetext\@EightColfootnotetext
13853 \let\@LTRfootnotetext\@EightColLTRfootnotetext
13854 \let\@RTLfootnotetext\@EightColRTLfootnotetext
13855 \dimen\footinsv@r=8\footinsdim
13856 \count\footinsv@r=125\relax
13857 \m@make@eightcol@footgroup{v@r}%
13858 \let\@footgroupv@r\@eightcol@footgroupv@r
13859 \dimen\footinsv@l=8\footinsdim
13860 \count\footinsv@l=125\relax
13861 \bidi@make@eightcol@LTRfootgroup{v@l}%
13862 \let\@LTRfootgroupv@l\@eightcol@LTRfootgroupv@l
13863 \let\@mpfootnotetext\@mpEightColfootnotetext
13864 \let\@mpLTRfootnotetext\@mpEightColLTRfootnotetext
13865 \let\@mpRTLfootnotetext\@mpEightColRTLfootnotetext
13866 \@bidi@after@Hy@hyperfootnotes
13867 \m@make@mp@eightcol@footgroup{v@r}%
13868 \let\mp@footgroupv@r\@mp@eightcol@footgroupv@r
13869 \bidi@make@mp@eightcol@LTRfootgroup{v@l}%
13870 \let\mp@LTRfootgroupv@l\@mp@eightcol@LTRfootgroupv@l
13871 \@ifstar\bidi@star@footmarkwidth\bidi@normal@footmarkwidth
13872 }
13873 \bidi@ensure@newcommand{\@eightcolfootnotetext}[1]{\insert
13874 \if@RTL@footnote
13875 \footinsv@r
13876 \else
13877 \footinsv@l
13878 \fi
13879 {\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
13880 \def\baselinestretch{\m@m@footnote@spacing}%
13881 \reset@font\foottextfont
13882 \@preamfntext
13883 \protected@edef\@currentlabel{%
13884 \csname p@footnote\endcsname\@thefnmark}%
13885 \color@begingroup
13886 \@eightcolfootfmt{#1}%
13887 \color@endgroup}%
13888 \m@m@mf@prepare}
13889 \newcommand{\@EightColfootnotetext}[1]{%
13890 \bidi@step@absolute@footnote@count
13891 \if@RTL@footnote
13892 \bidi@reinsertfootnote\footinsv@l\@footstartv@l\@LTRfootgroupv@l
13893 \else
13894 \bidi@reinsertfootnote\footinsv@r\@footstartv@r\@footgroupv@r

```



```

13895 \fi
13896 \global\setbox
13897 \if@RTL@footnote
13898 \footinsv@r
13899 \else
13900 \footinsv@l
13901 \fi
13902 \vbox{%
13903 \unvbox
13904 \if@RTL@footnote
13905 \footinsv@r
13906 \else
13907 \footinsv@l
13908 \fi
13909 \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi
13910 \def\baselinestretch{\m@{footnote@spacing}}%
13911 \reset@font\foottextfont
13912 \@preamfntext
13913 \protected@edef\@currentlabel{%
13914 \csname p@footnote\endcsname\@thefnmark}%
13915 \color@begingroup
13916 \@eightcolfootfmt{#1}%
13917 \color@endgroup}%
13918 \m@mmf@prepare
13919 \if@RTL@footnote
13920 \bidi@reinsertfinalfootnoteperpage\footinsv@r\@footstartv@r\@footgroupv@r
13921 \else
13922 \bidi@reinsertfinalfootnoteperpage\footinsv@l\@footstartv@l\@LTRfootgroupv@l
13923 \fi
13924 }
13925 \bidi@ensure@newcommand{\@eightcolLTRfootnotetext}[1]{\insert\footinsv@l{\@RTLfalse%
13926 \def\baselinestretch{\m@{footnote@spacing}}%
13927 \reset@font\LTRfoottextfont
13928 \@preamfntext
13929 \protected@edef\@currentlabel{%
13930 \csname p@footnote\endcsname\@thefnmark}%
13931 \color@begingroup
13932 \@eightcolLTRfootfmt{#1}%
13933 \color@endgroup}%
13934 \m@mmf@prepare}
13935 \newcommand{\@EightColLTRfootnotetext}[1]{%
13936 \bidi@step@absolutefootnote@count
13937 \bidi@reinsertfootnote\footinsv@r\@footstartv@r\@footgroupv@r
13938 \global\setbox\footinsv@l\vbox{%
13939 \unvbox\footinsv@l
13940 \@RTLfalse
13941 \def\baselinestretch{\m@{footnote@spacing}}%
13942 \reset@font\LTRfoottextfont
13943 \@preamfntext
13944 \protected@edef\@currentlabel{%
13945 \csname p@footnote\endcsname\@thefnmark}%
13946 \color@begingroup
13947 \@eightcolLTRfootfmt{#1}%
13948 \color@endgroup}%

```



```

13949 \m@mmf@prepare
13950 \bidi@reinsertfinalfootnoteperpage\footinsv@l\@footstartv@l\@LTRfootgroupv@l
13951 }
13952 \bidi@ensure@newcommand{\@eightcolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
13953 \def\baselinestretch{\m@m@footnote@spacing}%
13954 \reset@font\RTLfoottextfont
13955 \@preamfntext
13956 \protected@edef\@currentlabel{%
13957 \csname p@footnote\endcsname\@thefnmark}%
13958 \color@begingroup
13959 \@eightcolRTLfootfmt{#1}%
13960 \color@endgroup}%
13961 \m@mmf@prepare}
13962 \newcommand{\@EightColRTLfootnotetext}[1]{%
13963 \bidi@step@absolutefootnote@count
13964 \bidi@reinsertfootnote\footinsv@l\@footstartv@l\@LTRfootgroupv@l
13965 \global\setbox\footinsv@r\vbox{%
13966 \unvbox\footinsv@r
13967 \@RTLtrue%
13968 \def\baselinestretch{\m@m@footnote@spacing}%
13969 \reset@font\RTLfoottextfont
13970 \@preamfntext
13971 \protected@edef\@currentlabel{%
13972 \csname p@footnote\endcsname\@thefnmark}%
13973 \color@begingroup
13974 \@eightcolRTLfootfmt{#1}%
13975 \color@endgroup}%
13976 \m@mmf@prepare
13977 \bidi@reinsertfinalfootnoteperpage\footinsv@r\@footstartv@r\@footgroupv@r
13978 }
13979 \bidi@ensure@newcommand{\@preameightfmt}{%
13980 \hspace{.125\hspace}
13981 \parindent=\z@
13982 \tolerance=5000\relax
13983 \leavevmode}
13984 \bidi@ensure@newcommand{\@eightcolfootfmt}[1]{%
13985 \@preameightfmt
13986 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
13987 \bidi@ensure@newcommand{\@eightcolLTRfootfmt}[1]{%
13988 \@preameightfmt
13989 {\LTRfootfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
13990 \bidi@ensure@newcommand{\@eightcolRTLfootfmt}[1]{%
13991 \@preameightfmt
13992 {\RTLfootfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
13993 \bidi@ensure@newcommand{\@mpeightcolfootnotetext}[1]{%
13994 \global\setbox
13995 \if@RTL@footnote
13996 \@mpfootinsv@r
13997 \else
13998 \@mpfootinsv@l
13999 \fi
14000 \vbox{%
14001 \unvbox
14002 \if@RTL@footnote

```



```

14003 \mpfootinsv@r
14004 \else
14005 \mpfootinsv@l
14006 \fi
14007 \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi
14008 \def\baselinestretch{\m@m@footnote@spacing}%
14009 \reset@font\foottextfont
14010 \hsize\columnwidth \@parboxrestore
14011 \protected@edef\@currentlabel{%
14012 \csname p@mpfootnote\endcsname\@thefnmark}%
14013 \color@begingroup
14014 \@eightcolfootfmt{#1}%
14015 \color@endgroup}%
14016 \m@m@mmf@prepare}
14017 \newcommand{\@mpEightColfootnotetext}[1]{%
14018 \if@RTL@footnote
14019 \bidi@joinmpfootnotes\@mpfootinsv@l\@footstartv@l\mp@LTRfootgroupv@l
14020 \else
14021 \bidi@joinmpfootnotes\@mpfootinsv@r\@footstartv@r\mp@footgroupv@r
14022 \fi
14023 \global\setbox
14024 \if@RTL@footnote
14025 \mpfootinsv@r
14026 \else
14027 \mpfootinsv@l
14028 \fi
14029 \vbox{%
14030 \unvbox
14031 \if@RTL@footnote
14032 \mpfootinsv@r
14033 \else
14034 \mpfootinsv@l
14035 \fi
14036 \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi
14037 \def\baselinestretch{\m@m@footnote@spacing}%
14038 \reset@font\foottextfont
14039 \hsize\columnwidth \@parboxrestore
14040 \protected@edef\@currentlabel{%
14041 \csname p@mpfootnote\endcsname\@thefnmark}%
14042 \color@begingroup
14043 \@eightcolfootfmt{#1}%
14044 \color@endgroup}%
14045 \m@m@mmf@prepare}
14046 \bidi@ensure@newcommand{\@mpeightcolLTRfootnotetext}[1]{%
14047 \global\setbox\@mpfootinsv@l\vbox{%
14048 \unvbox\@mpfootinsv@l
14049 \@RTLfalse
14050 \def\baselinestretch{\m@m@footnote@spacing}%
14051 \reset@font\LTRfoottextfont
14052 \hsize\columnwidth \@parboxrestore
14053 \protected@edef\@currentlabel{%
14054 \csname p@mpfootnote\endcsname\@thefnmark}%
14055 \color@begingroup
14056 \@eightcolLTRfootfmt{#1}%

```



```

14057 \color@endgroup}%
14058 \m@mmf@prepare}
14059 \newcommand{\@mpEightColLTRfootnotetext}[1]{%
14060 \bidi@joinmpfootnotes\@mpfootinsv@r\@footstartv@r\mp@footgroupv@r
14061 \global\setbox\@mpfootinsv@l\vbox{%
14062 \unvbox\@mpfootinsv@l
14063 \RTLfalse
14064 \def\baselinestretch{\m@m@footnote@spacing}%
14065 \reset@font\LTRfoottextfont
14066 \hsize\columnwidth \@parboxrestore
14067 \protected@edef\@currentlabel{%
14068 \csname p@mpfootnote\endcsname\@thefnmark}%
14069 \color@begingroup
14070 \@eightcolLTRfootfmt{#1}%
14071 \color@endgroup}%
14072 \m@mmf@prepare}
14073 \bidi@ensure@newcommand{\@mpeightcolRTLfootnotetext}[1]{%
14074 \global\setbox\@mpfootinsv@r\vbox{%
14075 \unvbox\@mpfootinsv@r
14076 \RTLtrue
14077 \def\baselinestretch{\m@m@footnote@spacing}%
14078 \reset@font\RTLfoottextfont
14079 \hsize\columnwidth \@parboxrestore
14080 \protected@edef\@currentlabel{%
14081 \csname p@mpfootnote\endcsname\@thefnmark}%
14082 \color@begingroup
14083 \@eightcolRTLfootfmt{#1}%
14084 \color@endgroup}%
14085 \m@mmf@prepare}
14086 \newcommand{\@mpEightColRTLfootnotetext}[1]{%
14087 \bidi@joinmpfootnotes\@mpfootinsv@l\@footstartv@l\mp@LTRfootgroupv@l
14088 \global\setbox\@mpfootinsv@r\vbox{%
14089 \unvbox\@mpfootinsv@r
14090 \RTLtrue
14091 \def\baselinestretch{\m@m@footnote@spacing}%
14092 \reset@font\RTLfoottextfont
14093 \hsize\columnwidth \@parboxrestore
14094 \protected@edef\@currentlabel{%
14095 \csname p@mpfootnote\endcsname\@thefnmark}%
14096 \color@begingroup
14097 \@eightcolRTLfootfmt{#1}%
14098 \color@endgroup}%
14099 \m@mmf@prepare}
14100 \bidi@ensure@newcommand{\m@make@eightcol@footgroup}[1]{%
14101 \@namedef{@eightcol@footgroup#1}{%
14102 \def\baselinestretch{\m@m@footnote@spacing}%
14103 \hsize\bidi@columnwidth
14104 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
14105 \m@r@rigidbalance{\@nameuse{footins#1}}{8}{\splittopskip}}}%
14106 \newcommand{\bidi@make@eightcol@LTRfootgroup}[1]{%
14107 \@namedef{@eightcol@LTRfootgroup#1}{%
14108 \def\baselinestretch{\m@m@footnote@spacing}%
14109 \hsize\bidi@columnwidth
14110 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox

```



```

14111 \bidi@LTRrigidbalance{\@nameuse{footins#1}}{8}{\splittopskip}}
14112 \bidi@ensure@newcommand{\m@make@mpeightcol@footgroup}[1]{%
14113 \@namedef{@mpeightcol@footgroup#1}{%
14114 \def\baselinestretch{\m@m@footnote@spacing}%
14115 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
14116 \m@mrigidbalance{\@nameuse{@mpfootins#1}}{8}{\splittopskip}}}
14117 \newcommand{\bidi@make@mpeightcol@LTRfootgroup}[1]{%
14118 \@namedef{@mpeightcol@LTRfootgroup#1}{%
14119 \def\baselinestretch{\m@m@footnote@spacing}%
14120 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
14121 \bidi@LTRrigidbalance{\@nameuse{@mpfootins#1}}{8}{\splittopskip}}}
14122 \bidi@ensure@newcommand{\ninecolumnfootnotes}{%
14123 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
14124 \@namedef{foottextfontv@l}{\LTRfoottextfont}%
14125 \@bidi@before@Hy@hyperfootnotes
14126 \let\@footnotetext\@ninecolfootnotetext
14127 \let\@LTRfootnotetext\@ninecolLTRfootnotetext
14128 \let\@RTLfootnotetext\@ninecolRTLfootnotetext
14129 \dimen\footinsv@r=9\footinsdim
14130 \count\footinsv@r=111\relax
14131 \m@make@ninecol@footgroup{v@r}%
14132 \let\@footgroupv@r\@ninecol@footgroupv@r
14133 \dimen\footinsv@l=9\footinsdim
14134 \count\footinsv@l=111\relax
14135 \bidi@make@ninecol@LTRfootgroup{v@l}%
14136 \let\@LTRfootgroupv@l\@ninecol@LTRfootgroupv@l
14137 \let\@mpfootnotetext\@mpninecolfootnotetext
14138 \let\@mpLTRfootnotetext\@mpninecolLTRfootnotetext
14139 \let\@mpRTLfootnotetext\@mpninecolRTLfootnotetext
14140 \@bidi@after@Hy@hyperfootnotes
14141 \m@make@mpninecol@footgroup{v@r}%
14142 \let\mp@footgroupv@r\@mpninecol@footgroupv@r
14143 \bidi@make@mpninecol@LTRfootgroup{v@l}%
14144 \let\mp@LTRfootgroupv@l\@mpninecol@LTRfootgroupv@l
14145 \ifstar\bidi@star@footmarkwidth\bidi@normal@footmarkwidth
14146 }
14147 \newcommand{\NineColumnFootnotes}{%
14148 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
14149 \@namedef{foottextfontv@l}{\LTRfoottextfont}%
14150 \@bidi@before@Hy@hyperfootnotes
14151 \let\@footnotetext\@NineColfootnotetext
14152 \let\@LTRfootnotetext\@NineColLTRfootnotetext
14153 \let\@RTLfootnotetext\@NineColRTLfootnotetext
14154 \dimen\footinsv@r=9\footinsdim
14155 \count\footinsv@r=111\relax
14156 \m@make@ninecol@footgroup{v@r}%
14157 \let\@footgroupv@r\@ninecol@footgroupv@r
14158 \dimen\footinsv@l=9\footinsdim
14159 \count\footinsv@l=111\relax
14160 \bidi@make@ninecol@LTRfootgroup{v@l}%
14161 \let\@LTRfootgroupv@l\@ninecol@LTRfootgroupv@l
14162 \let\@mpfootnotetext\@mpNineColfootnotetext
14163 \let\@mpLTRfootnotetext\@mpNineColLTRfootnotetext
14164 \let\@mpRTLfootnotetext\@mpNineColRTLfootnotetext

```



```

14165 \@bidi@after@Hy@hyperfootnotes
14166 \m@make@mpninelcol@footgroup{v@r}%
14167 \let\mp@footgroupv@r\@mpninelcol@footgroupv@r
14168 \bidi@make@mpninelcol@LTRfootgroup{v@l}%
14169 \let\mp@LTRfootgroupv@l\@mpninelcol@LTRfootgroupv@l
14170 \@ifstar\bidi@star@footmarkwidth\bidi@normal@footmarkwidth
14171 }
14172 \bidi@ensure@newcommand{\@ninelcolfootnotetext}[1]{\insert
14173 \if@RTL@footnote
14174 \footinsv@r
14175 \else
14176 \footinsv@l
14177 \fi
14178 {\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
14179 \def\baselinestretch{\m@m@footnote@spacing}%
14180 \reset@font\foottextfont
14181 \@preamfntext
14182 \protected@edef\@currentlabel{%
14183 \csname p@footnote\endcsname\@thefnmark}%
14184 \color@begingroup
14185 \@ninelcolfootfmt{#1}%
14186 \color@endgroup}%
14187 \m@m@mmf@prepare}
14188 \newcommand{\@NineColfootnotetext}[1]{%
14189 \bidi@step@absolute@footnote@count
14190 \if@RTL@footnote
14191 \bidi@reinsertfootnote\footinsv@l\@footstartv@l\@LTRfootgroupv@l
14192 \else
14193 \bidi@reinsertfootnote\footinsv@r\@footstartv@r\@footgroupv@r
14194 \fi
14195 \global\setbox
14196 \if@RTL@footnote
14197 \footinsv@r
14198 \else
14199 \footinsv@l
14200 \fi
14201 \vbox{%
14202 \unvbox
14203 \if@RTL@footnote
14204 \footinsv@r
14205 \else
14206 \footinsv@l
14207 \fi
14208 \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi
14209 \def\baselinestretch{\m@m@footnote@spacing}%
14210 \reset@font\foottextfont
14211 \@preamfntext
14212 \protected@edef\@currentlabel{%
14213 \csname p@footnote\endcsname\@thefnmark}%
14214 \color@begingroup
14215 \@ninelcolfootfmt{#1}%
14216 \color@endgroup}%
14217 \m@m@mmf@prepare
14218 \if@RTL@footnote

```



```

14219 \bidi@reinsertfinalfootnoteperpage\footinsv@r\@footstartv@r\@footgroupv@r
14220 \else
14221 \bidi@reinsertfinalfootnoteperpage\footinsv@l\@footstartv@l\@LTRfootgroupv@l
14222 \fi
14223 }
14224 \bidi@ensure@newcommand{\@ninecolLTRfootnotetext}[1]{\insert\footinsv@l{\@RTLfalse%
14225 \def\baselinestretch{\m@m@footnote@spacing}%
14226 \reset@font\LTRfoottextfont
14227 \@preamfntext
14228 \protected@edef\@currentlabel{%
14229 \csname p@footnote\endcsname\@thefnmark}%
14230 \color@begingroup
14231 \@ninecolLTRfootfmt{#1}%
14232 \color@endgroup}%
14233 \m@m@mmf@prepare}
14234 \newcommand{\@NineColLTRfootnotetext}[1]{%
14235 \bidi@step@absolute@footnote@count
14236 \bidi@reinsertfootnote\footinsv@r\@footstartv@r\@footgroupv@r
14237 \global\setbox\footinsv@l\vbox{%
14238 \unvbox\footinsv@l
14239 \@RTLfalse
14240 \def\baselinestretch{\m@m@footnote@spacing}%
14241 \reset@font\LTRfoottextfont
14242 \@preamfntext
14243 \protected@edef\@currentlabel{%
14244 \csname p@footnote\endcsname\@thefnmark}%
14245 \color@begingroup
14246 \@ninecolLTRfootfmt{#1}%
14247 \color@endgroup}%
14248 \m@m@mmf@prepare
14249 \bidi@reinsertfinalfootnoteperpage\footinsv@l\@footstartv@l\@LTRfootgroupv@l
14250 }
14251 \bidi@ensure@newcommand{\@ninecolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
14252 \def\baselinestretch{\m@m@footnote@spacing}%
14253 \reset@font\RTLfoottextfont
14254 \@preamfntext
14255 \protected@edef\@currentlabel{%
14256 \csname p@footnote\endcsname\@thefnmark}%
14257 \color@begingroup
14258 \@ninecolRTLfootfmt{#1}%
14259 \color@endgroup}%
14260 \m@m@mmf@prepare}
14261 \newcommand{\@NineColRTLfootnotetext}[1]{%
14262 \bidi@step@absolute@footnote@count
14263 \bidi@reinsertfootnote\footinsv@l\@footstartv@l\@LTRfootgroupv@l
14264 \global\setbox\footinsv@r\vbox{%
14265 \unvbox\footinsv@r
14266 \@RTLtrue
14267 \def\baselinestretch{\m@m@footnote@spacing}%
14268 \reset@font\RTLfoottextfont
14269 \@preamfntext
14270 \protected@edef\@currentlabel{%
14271 \csname p@footnote\endcsname\@thefnmark}%
14272 \color@begingroup

```



```

14273 \@ninecolRTLfootfmt{#1}%
14274 \color@endgroup}%
14275 \m@mmf@prepare
14276 \bidi@reinsertfinalfootnoteperpage\footinsv@r\@footstartv@r\@footgroupv@r
14277 }
14278 \bidi@ensure@newcommand{\@preamninefmt}{%
14279 \hsize .1\hsize
14280 \parindent=\z@
14281 \tolerance=5000\relax
14282 \leavevmode}
14283 \bidi@ensure@newcommand{\@ninecolfootfmt}[1]{%
14284 \@preamninefmt
14285 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
14286 \bidi@ensure@newcommand{\@ninecolLTRfootfmt}[1]{%
14287 \@preamninefmt
14288 {\LTRfootfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
14289 \bidi@ensure@newcommand{\@ninecolRTLfootfmt}[1]{%
14290 \@preamninefmt
14291 {\RTLfootfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
14292 \bidi@ensure@newcommand{\@mpninecolfootnotetext}[1]{%
14293 \global\setbox
14294 \if@RTL@footnote
14295 \@mpfootinsv@r
14296 \else
14297 \@mpfootinsv@l
14298 \fi
14299 \vbox{%
14300 \unvbox
14301 \if@RTL@footnote
14302 \@mpfootinsv@r
14303 \else
14304 \@mpfootinsv@l
14305 \fi
14306 \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi
14307 \def\baselinestretch{\m@m@footnote@spacing}%
14308 \reset@font\foottextfont
14309 \hsize\columnwidth \@parboxrestore
14310 \protected@edef\@currentlabel{%
14311 \csname p@mpfootnote\endcsname\@thefnmark}%
14312 \color@begingroup
14313 \@ninecolfootfmt{#1}%
14314 \color@endgroup}%
14315 \m@mmf@prepare}
14316 \newcommand{\@mpNineColfootnotetext}[1]{%
14317 \if@RTL@footnote
14318 \bidi@joinmpfootnotes\@mpfootinsv@l\@footstartv@l\mp@LTRfootgroupv@l
14319 \else
14320 \bidi@joinmpfootnotes\@mpfootinsv@r\@footstartv@r\mp@footgroupv@r
14321 \fi
14322 \global\setbox
14323 \if@RTL@footnote
14324 \@mpfootinsv@r
14325 \else
14326 \@mpfootinsv@l

```



```

14327 \fi
14328 \vbox{%
14329   \unvbox
14330   \if@RTL@footnote
14331   \@mpfootinsv@r
14332 \else
14333   \@mpfootinsv@l
14334 \fi
14335 \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi
14336 \def\baselinestretch{\m@m@footnote@spacing}%
14337 \reset@font\foottextfont
14338 \hsize\columnwidth \@parboxrestore
14339 \protected@edef\@currentlabel{%
14340   \csname p@mpfootnote\endcsname\@thefnmark}%
14341 \color@begingroup
14342   \@ninecolfootfmt{#1}%
14343 \color@endgroup}%
14344 \m@m@mmf@prepare}
14345 \bidi@ensure@newcommand{\@mpninecolLTRfootnotetext}[1]{%
14346   \global\setbox\@mpfootinsv@l\vbox{%
14347     \unvbox\@mpfootinsv@l
14348     \@RTLfalse
14349     \def\baselinestretch{\m@m@footnote@spacing}%
14350     \reset@font\LTRfoottextfont
14351     \hsize\columnwidth \@parboxrestore
14352     \protected@edef\@currentlabel{%
14353       \csname p@mpfootnote\endcsname\@thefnmark}%
14354     \color@begingroup
14355       \@ninecolLTRfootfmt{#1}%
14356     \color@endgroup}%
14357     \m@m@mmf@prepare}
14358 \newcommand{\@mpNineColLTRfootnotetext}[1]{%
14359   \bidi@joinmpfootnotes\@mpfootinsv@r\@footstartv@r\mp@footgroupv@r
14360   \global\setbox\@mpfootinsv@l\vbox{%
14361     \unvbox\@mpfootinsv@l
14362     \@RTLfalse
14363     \def\baselinestretch{\m@m@footnote@spacing}%
14364     \reset@font\LTRfoottextfont
14365     \hsize\columnwidth \@parboxrestore
14366     \protected@edef\@currentlabel{%
14367       \csname p@mpfootnote\endcsname\@thefnmark}%
14368     \color@begingroup
14369       \@ninecolLTRfootfmt{#1}%
14370     \color@endgroup}%
14371     \m@m@mmf@prepare}
14372 \bidi@ensure@newcommand{\@mpninecolRTLfootnotetext}[1]{%
14373   \global\setbox\@mpfootinsv@r\vbox{%
14374     \unvbox\@mpfootinsv@r
14375     \@RTLtrue
14376     \def\baselinestretch{\m@m@footnote@spacing}%
14377     \reset@font\RTLfoottextfont
14378     \hsize\columnwidth \@parboxrestore
14379     \protected@edef\@currentlabel{%
14380       \csname p@mpfootnote\endcsname\@thefnmark}%

```



```

14381 \color@begingroup
14382 \@ninecolRTLfootfmt{#1}%
14383 \color@endgroup}%
14384 \m@mmf@prepare}
14385 \newcommand{\@mpNineColRTLfootnotetext}[1]{%
14386 \bidi@joinmpfootnotes\@mpfootinsv@l\@footstartv@l\mp@LTRfootgroupv@l
14387 \global\setbox\@mpfootinsv@r\vbox{%
14388 \unvbox\@mpfootinsv@r
14389 \@RTLtrue
14390 \def\baselinestretch{\m@m@footnote@spacing}%
14391 \reset@font\RTLfoottextfont
14392 \hsize\columnwidth \@parboxrestore
14393 \protected@edef\@currentlabel{%
14394 \csname p@mpfootnote\endcsname\@thefnmark}%
14395 \color@begingroup
14396 \@ninecolRTLfootfmt{#1}%
14397 \color@endgroup}%
14398 \m@mmf@prepare}
14399 \bidi@ensure@newcommand{\m@make@ninecol@footgroup}[1]{%
14400 \@namedef{\@ninecol@footgroup#1}{%
14401 \def\baselinestretch{\m@m@footnote@spacing}%
14402 \hsize\bidi@columnwidth
14403 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
14404 \m@mrigidbalance{\@nameuse{footins#1}}{9}{\splittopskip}}}%
14405 \newcommand{\bidi@make@ninecol@LTRfootgroup}[1]{%
14406 \@namedef{\@ninecol@LTRfootgroup#1}{%
14407 \def\baselinestretch{\m@m@footnote@spacing}%
14408 \hsize\bidi@columnwidth
14409 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
14410 \bidi@LTRrigidbalance{\@nameuse{footins#1}}{9}{\splittopskip}}}%
14411 \bidi@ensure@newcommand{\m@make@mpninecol@footgroup}[1]{%
14412 \@namedef{\@mpninecol@footgroup#1}{%
14413 \def\baselinestretch{\m@m@footnote@spacing}%
14414 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
14415 \m@mrigidbalance{\@nameuse{\@mpfootins#1}}{9}{\splittopskip}}}%
14416 \newcommand{\bidi@make@mpninecol@LTRfootgroup}[1]{%
14417 \@namedef{\@mpninecol@LTRfootgroup#1}{%
14418 \def\baselinestretch{\m@m@footnote@spacing}%
14419 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
14420 \bidi@LTRrigidbalance{\@nameuse{\@mpfootins#1}}{9}{\splittopskip}}}%
14421 \bidi@ensure@newcommand{\tencolumnfootnotes}{%
14422 \@namedef{foottextfontv@r}{\foottextfont}% \[RS]
14423 \@namedef{foottextfontv@l}{\LTRfoottextfont}%
14424 \@bidi@before@Hy@hyperfootnotes
14425 \let\@footnotetext\@tencolfootnotetext
14426 \let\@LTRfootnotetext\@tencolLTRfootnotetext
14427 \let\@RTLfootnotetext\@tencolRTLfootnotetext
14428 \dimen\footinsv@r=10\footinsdim
14429 \count\footinsv@r=100\relax
14430 \m@make@tencol@footgroup{v@r}%
14431 \let\@footgroupv@r\@tencol@footgroupv@r
14432 \dimen\footinsv@l=10\footinsdim
14433 \count\footinsv@l=100\relax
14434 \bidi@make@tencol@LTRfootgroup{v@l}%

```



```

14435 \let\@LTRfootgroupv@l\@tencol@LTRfootgroupv@l
14436 \let\@mpfootnotetext\@mptencolfootnotetext
14437 \let\@mpLTRfootnotetext\@mptencolLTRfootnotetext
14438 \let\@mpRTLfootnotetext\@mptencolRTLfootnotetext
14439 \@bidi@after@Hy@hyperfootnotes
14440 \m@make@mptencol@footgroup{v@r}%
14441 \let\mp@footgroupv@r\@mptencol@footgroupv@r
14442 \bidi@make@mptencol@LTRfootgroup{v@l}%
14443 \let\mp@LTRfootgroupv@l\@mptencol@LTRfootgroupv@l
14444 \@ifstar\bidi@star@footmarkwidth\bidi@normal@footmarkwidth
14445 }
14446 \newcommand{\TenColumnFootnotes}{%
14447 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
14448 \@namedef{foottextfontv@l}{\LTRfoottextfont}%
14449 \@bidi@before@Hy@hyperfootnotes
14450 \let\@footnotetext\@TenColfootnotetext
14451 \let\@LTRfootnotetext\@TenColLTRfootnotetext
14452 \let\@RTLfootnotetext\@TenColRTLfootnotetext
14453 \dimen\footinsv@r=10\footinsdim
14454 \count\footinsv@r=100\relax
14455 \m@make@tencol@footgroup{v@r}%
14456 \let\@footgroupv@r\@tencol@footgroupv@r
14457 \dimen\footinsv@l=10\footinsdim
14458 \count\footinsv@l=100\relax
14459 \bidi@make@tencol@LTRfootgroup{v@l}%
14460 \let\@LTRfootgroupv@l\@tencol@LTRfootgroupv@l
14461 \let\@mpfootnotetext\@mpTenColfootnotetext
14462 \let\@mpLTRfootnotetext\@mpTenColLTRfootnotetext
14463 \let\@mpRTLfootnotetext\@mpTenColRTLfootnotetext
14464 \@bidi@after@Hy@hyperfootnotes
14465 \m@make@mptencol@footgroup{v@r}%
14466 \let\mp@footgroupv@r\@mptencol@footgroupv@r
14467 \bidi@make@mptencol@LTRfootgroup{v@l}%
14468 \let\mp@LTRfootgroupv@l\@mptencol@LTRfootgroupv@l
14469 \@ifstar\bidi@star@footmarkwidth\bidi@normal@footmarkwidth
14470 }
14471 \bidi@ensure@newcommand{\@tencolfootnotetext}[1]{\insert
14472 \if@RTL@footnote
14473 \footinsv@r
14474 \else
14475 \footinsv@l
14476 \fi
14477 {\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
14478 \def\baselinestretch{\m@mm@footnote@spacing}%
14479 \reset@font\foottextfont
14480 \@preamfntext
14481 \protected@edef\@currentlabel{%
14482 \csname p@footnote\endcsname\@thefnmark}%
14483 \color@begingroup
14484 \@tencolfootfmt{#1}%
14485 \color@endgroup}%
14486 \m@mmf@prepare}
14487 \newcommand{\@TenColfootnotetext}[1]{%
14488 \bidi@step@absolutefootnote@count

```



```

14489 \if@RTL@footnote
14490 \bidi@reinsertfootnote\footinsv@l\@footstartv@l\@LTRfootgroupv@l
14491 \else
14492 \bidi@reinsertfootnote\footinsv@r\@footstartv@r\@footgroupv@r
14493 \fi
14494 \global\setbox
14495 \if@RTL@footnote
14496 \footinsv@r
14497 \else
14498 \footinsv@l
14499 \fi
14500 \vbox{%
14501 \unvbox
14502 \if@RTL@footnote
14503 \footinsv@r
14504 \else
14505 \footinsv@l
14506 \fi
14507 \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi
14508 \def\baselinestretch{\m@m@footnote@spacing}%
14509 \reset@font\foottextfont
14510 \@preamfntext
14511 \protected@edef\@currentlabel{%
14512 \csname p@footnote\endcsname\@thefnmark}%
14513 \color@begingroup
14514 \@tencolfootfmt{#1}%
14515 \color@endgroup}%
14516 \m@mmf@prepare
14517 \if@RTL@footnote
14518 \bidi@reinsertfinalfootnoteperpage\footinsv@r\@footstartv@r\@footgroupv@r
14519 \else
14520 \bidi@reinsertfinalfootnoteperpage\footinsv@l\@footstartv@l\@LTRfootgroupv@l
14521 \fi
14522 }
14523 \bidi@ensure@newcommand{\@tencolLTRfootnotetext}[1]{\insert\footinsv@l{\@RTLfalse%
14524 \def\baselinestretch{\m@m@footnote@spacing}%
14525 \reset@font\LTRfoottextfont
14526 \@preamfntext
14527 \protected@edef\@currentlabel{%
14528 \csname p@footnote\endcsname\@thefnmark}%
14529 \color@begingroup
14530 \@tencolLTRfootfmt{#1}%
14531 \color@endgroup}%
14532 \m@mmf@prepare}
14533 \newcommand{\@TenColLTRfootnotetext}[1]{%
14534 \bidi@step@absolutefootnote@count
14535 \bidi@reinsertfootnote\footinsv@r\@footstartv@r\@footgroupv@r
14536 \global\setbox\footinsv@l\vbox{%
14537 \unvbox\footinsv@l
14538 \@RTLfalse%
14539 \def\baselinestretch{\m@m@footnote@spacing}%
14540 \reset@font\LTRfoottextfont
14541 \@preamfntext
14542 \protected@edef\@currentlabel{%

```



```

14543 \csname p@footnote\endcsname\@thefnmark}%
14544 \color@begingroup
14545 \@tencolLTRfootfmt{#1}%
14546 \color@endgroup}%
14547 \m@mmf@prepare
14548 \bidi@reinsertfinalfootnoteperpage\footinsv@l\@footstartv@l\@LTRfootgroupv@l
14549 }
14550 \bidi@ensure@newcommand{\@tencolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
14551 \def\baselinestretch{\m@m@footnote@spacing}%
14552 \reset@font\RTLfoottextfont
14553 \@preamfntext
14554 \protected@edef\@currentlabel{%
14555 \csname p@footnote\endcsname\@thefnmark}%
14556 \color@begingroup
14557 \@tencolRTLfootfmt{#1}%
14558 \color@endgroup}%
14559 \m@mmf@prepare}
14560 \newcommand{\@TenColRTLfootnotetext}[1]{%
14561 \bidi@step@absolutefootnote@count
14562 \bidi@reinsertfootnote\footinsv@l\@footstartv@l\@LTRfootgroupv@l
14563 \global\setbox\footinsv@r\vbox{%
14564 \unvbox\footinsv@r
14565 \@RTLtrue
14566 \def\baselinestretch{\m@m@footnote@spacing}%
14567 \reset@font\RTLfoottextfont
14568 \@preamfntext
14569 \protected@edef\@currentlabel{%
14570 \csname p@footnote\endcsname\@thefnmark}%
14571 \color@begingroup
14572 \@tencolRTLfootfmt{#1}%
14573 \color@endgroup}%
14574 \m@mmf@prepare
14575 \bidi@reinsertfinalfootnoteperpage\footinsv@r\@footstartv@r\@footgroupv@r
14576 }
14577 \bidi@ensure@newcommand{\@preamtenfmt}{%
14578 \hsize .1\hsize
14579 \parindent=\z@
14580 \tolerance=5000\relax
14581 \leavevmode}
14582 \bidi@ensure@newcommand{\@tencolfootfmt}[1]{%
14583 \@preamtenfmt
14584 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
14585 \bidi@ensure@newcommand{\@tencolLTRfootfmt}[1]{%
14586 \@preamtenfmt
14587 {\LTRfootfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
14588 \bidi@ensure@newcommand{\@tencolRTLfootfmt}[1]{%
14589 \@preamtenfmt
14590 {\RTLfootfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
14591 \bidi@ensure@newcommand{\@emptencolfootnotetext}[1]{%
14592 \global\setbox
14593 \if@RTL@footnote
14594 \@mpfootinsv@r
14595 \else
14596 \@mpfootinsv@l

```



```

14597 \fi
14598 \vbox{%
14599   \unvbox
14600   \if@RTL@footnote
14601   \@mpfootinsv@r
14602 \else
14603   \@mpfootinsv@l
14604 \fi
14605   \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi
14606   \def\baselinestretch{\m@m@footnote@spacing}%
14607   \reset@font\foottextfont
14608   \hsize\columnwidth \@parboxrestore
14609   \protected@edef\@currentlabel{%
14610     \csname p@mpfootnote\endcsname\@thefnmark}%
14611   \color@begingroup
14612     \@tencolfootfmt{#1}%
14613   \color@endgroup}%
14614   \m@mmf@prepare}
14615 \newcommand{\@mpTenColfootnotetext}[1]{%
14616   \if@RTL@footnote
14617     \bidi@joinmpfootnotes\@mpfootinsv@l\@footstartv@l\mp@LTRfootgroupv@l
14618   \else
14619     \bidi@joinmpfootnotes\@mpfootinsv@r\@footstartv@r\mp@footgroupv@r
14620   \fi
14621   \global\setbox
14622     \if@RTL@footnote
14623     \@mpfootinsv@r
14624   \else
14625     \@mpfootinsv@l
14626   \fi
14627   \vbox{%
14628     \unvbox
14629     \if@RTL@footnote
14630     \@mpfootinsv@r
14631   \else
14632     \@mpfootinsv@l
14633   \fi
14634     \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi
14635     \def\baselinestretch{\m@m@footnote@spacing}%
14636     \reset@font\foottextfont
14637     \hsize\columnwidth \@parboxrestore
14638     \protected@edef\@currentlabel{%
14639       \csname p@mpfootnote\endcsname\@thefnmark}%
14640     \color@begingroup
14641       \@tencolfootfmt{#1}%
14642     \color@endgroup}%
14643     \m@mmf@prepare}
14644 \bidi@ensure@newcommand{\@mptencolLTRfootnotetext}[1]{%
14645   \global\setbox\@mpfootinsv@l\vbox{%
14646     \unvbox\@mpfootinsv@l
14647     \@RTLfalse
14648     \def\baselinestretch{\m@m@footnote@spacing}%
14649     \reset@font\LTRfoottextfont
14650     \hsize\columnwidth \@parboxrestore

```



```

14651 \protected@edef\@currentlabel{%
14652 \csname p@mpfootnote\endcsname\@thefnmark}%
14653 \color@begingroup
14654 \@tencolLTRfootfmt{#1}%
14655 \color@endgroup}%
14656 \m@mmf@prepare}
14657 \newcommand{\@mpTenColLTRfootnotetext}[1]{%
14658 \bidi@joinmpfootnotes\@mpfootinsv@r\@footstartv@r\mp@footgroupv@r
14659 \global\setbox\@mpfootinsv@l\vbox{%
14660 \unvbox\@mpfootinsv@l
14661 \@RTLfalse
14662 \def\baselinestretch{\m@m@footnote@spacing}%
14663 \reset@font\LTRfoottextfont
14664 \hsize\columnwidth \@parboxrestore
14665 \protected@edef\@currentlabel{%
14666 \csname p@mpfootnote\endcsname\@thefnmark}%
14667 \color@begingroup
14668 \@tencolLTRfootfmt{#1}%
14669 \color@endgroup}%
14670 \m@mmf@prepare}
14671 \bidi@ensure@newcommand{\@mptencolRTLfootnotetext}[1]{%
14672 \global\setbox\@mpfootinsv@r\vbox{%
14673 \unvbox\@mpfootinsv@r
14674 \@RTLtrue
14675 \def\baselinestretch{\m@m@footnote@spacing}%
14676 \reset@font\RTLfoottextfont
14677 \hsize\columnwidth \@parboxrestore
14678 \protected@edef\@currentlabel{%
14679 \csname p@mpfootnote\endcsname\@thefnmark}%
14680 \color@begingroup
14681 \@tencolRTLfootfmt{#1}%
14682 \color@endgroup}%
14683 \m@mmf@prepare}
14684 \newcommand{\@mpTenColRTLfootnotetext}[1]{%
14685 \bidi@joinmpfootnotes\@mpfootinsv@l\@footstartv@l\mp@LTRfootgroupv@l
14686 \global\setbox\@mpfootinsv@r\vbox{%
14687 \unvbox\@mpfootinsv@r
14688 \@RTLtrue
14689 \def\baselinestretch{\m@m@footnote@spacing}%
14690 \reset@font\RTLfoottextfont
14691 \hsize\columnwidth \@parboxrestore
14692 \protected@edef\@currentlabel{%
14693 \csname p@mpfootnote\endcsname\@thefnmark}%
14694 \color@begingroup
14695 \@tencolRTLfootfmt{#1}%
14696 \color@endgroup}%
14697 \m@mmf@prepare}
14698 \bidi@ensure@newcommand{\m@make@tencol@footgroup}[1]{%
14699 \@namedef{\@tencol@footgroup#1}{%
14700 \def\baselinestretch{\m@m@footnote@spacing}%
14701 \hsize\bidi@columnwidth
14702 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
14703 \m@mrigidbalance{\@nameuse{footins#1}}{10}{\splittopskip}}}%
14704 \newcommand{\bidi@make@tencol@LTRfootgroup}[1]{%

```



```

14705 \@namedef{@tencol@LTRfootgroup#1}{%
14706 \def\baselinestretch{\m@m@footnote@spacing}%
14707 \hspace\bidicolumnwidth
14708 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
14709 \bidi@LTRrigidbalance{\@nameuse{footins#1}}{10}{\splittopskip}}}}
14710 \bidi@ensure@newcommand{\m@make@mptencol@footgroup}[1]{%
14711 \@namedef{@mptencol@footgroup#1}{%
14712 \def\baselinestretch{\m@m@footnote@spacing}%
14713 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
14714 \m@mrigidbalance{\@nameuse{mpfootins#1}}{10}{\splittopskip}}}}
14715 \newcommand{\bidi@make@mptencol@LTRfootgroup}[1]{%
14716 \@namedef{@mptencol@LTRfootgroup#1}{%
14717 \def\baselinestretch{\m@m@footnote@spacing}%
14718 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
14719 \bidi@LTRrigidbalance{\@nameuse{mpfootins#1}}{10}{\splittopskip}}}}
14720 \bidi@ensure@newcommand{\m@munvxh}[1]{%
14721 \setbox0=\vbox{\unvbox#1%
14722 \global\setbox1=\lastbox}%
14723 \unhbox1
14724 \unskip
14725 \unskip
14726 \unpenalty
14727 \hskip\m@mipn@skip}
14728 \bidi@ensure@newcommand{\m@mungebox}{%
14729 \setbox0=\hbox{\m@munvxh0}%
14730 \dp0=\z@
14731 \ht0=\footfudgefactor\wd0
14732 \box0
14733 \penalty0}
14734 \newskip\m@mipn@skip
14735 \bidi@ensure@newcommand*{\m@minterparanoteglua}[1]{%
14736 {\foottextfont\global\m@mipn@skip=#1\relax}}
14737 \m@minterparanoteglua{1em plus.3em minus.3em}
14738 \bidi@ensure@newcommand*{\m@mmakehboxofhboxes}{%
14739 \setbox0=\hbox{}%
14740 \loop
14741 \unpenalty
14742 \setbox2=\lastbox
14743 \ifhbox2
14744 \setbox0=\hbox{\box2\unhbox0}
14745 \repeat}
14746 \bidi@ensure@newcommand*{\m@mremovehboxes}{\setbox0=\lastbox
14747 \ifhbox0{\m@mremovehboxes}\unhbox0 \fi}
14748 \newcommand*{\AddExtraParaSkip}[1]{%
14749 \def\bidi@xparaskip{\advance\@tempdima#1\relax}%
14750 }
14751 \let\bidi@xparaskip\relax
14752 \@onlypreamble\AddExtraParaSkip
14753 \@onlypreamble\bidi@xparaskip
14754 \def\bidi@startparafootskip#1{%
14755 \global\advance\skip#1\bidi@paraskip
14756 }
14757 \@onlypreamble\bidi@startparafootskip
14758 \bidi@ensure@newcommand{\paragraphfootnotes}{%

```



```

14759 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
14760 \@namedef{foottextfontv@l}{\LTRfoottextfont}%
14761 \@bidi@before@Hy@hyperfootnotes
14762 \let\@footnotetext\@parafootnotetext
14763 \let\@LTRfootnotetext\@paraLTRfootnotetext
14764 \let\@RTLfootnotetext\@paraRTLfootnotetext
14765 \dimen\footinsv@r=\footinsdim
14766 \count\footinsv@r=1000\relax
14767 \let\@bidi@removexfootskip\@bidi@removexparafootskip
14768 \m@make@para@footgroup{v@r}%
14769 \m@make@para@footstart{v@r}%
14770 \let\@footgroupv@r\@para@footgroupv@r
14771 \let\@footstartv@r\@para@footstartv@r
14772 \dimen\footinsv@l=\footinsdim
14773 \count\footinsv@l=1000\relax
14774 \bidi@make@para@LTRfootgroup{v@l}%
14775 \m@make@para@footstart{v@l}%
14776 \let\@LTRfootgroupv@l\@para@LTRfootgroupv@l
14777 \let\@footstartv@l\@para@footstartv@l
14778 \let\@mpfootnotetext\@mpparafootnotetext
14779 \let\@mpLTRfootnotetext\@mpparaLTRfootnotetext
14780 \let\@mpRTLfootnotetext\@mpparaRTLfootnotetext
14781 \@bidi@after@Hy@hyperfootnotes
14782 \m@make@mppara@footgroup{v@r}%
14783 \bidi@make@mppara@LTRfootgroup{v@l}%
14784 \let\mp@footgroupv@r\@mppara@footgroupv@r
14785 \let\mp@LTRfootgroupv@l\@mppara@LTRfootgroupv@l
14786 \g@addto@macro\@bidi@floathook{%
14787   \begingroup
14788     \foottextfont \@tempdima\normalbaselineskip
14789     \multiply \@tempdima \@cclvi
14790     \@tempdimb \columnwidth
14791     \divide \@tempdimb \@cclvi
14792     \divide \@tempdima \@tempdimb
14793     \xdef\footfudgefactor{\strip@pt\@tempdima}%
14794   \endgroup
14795 }
14796 \AtBeginDocument{%
14797   \begingroup
14798     \foottextfont
14799     \@tempdima\footnotesep
14800     \advance\@tempdima -\ht\strutbox
14801     \ifdim\@tempdima<\z@ \@tempdima\z@ \fi
14802     \advance\@tempdima.5\normalbaselineskip
14803     \bidi@xparaskip
14804     \xdef\bidi@paraskip{\the\@tempdima\relax}%
14805   \endgroup
14806   \bidi@startparafootskip\footinsv@r
14807   \bidi@startparafootskip\footinsv@l
14808 }
14809 \@ifstar\bidi@star@footmarkwidth\bidi@normal@footmarkwidth
14810 }
14811 \newcommand{\ParagraphFootnotes}{%
14812   \@namedef{foottextfontv@r}{\foottextfont}%

```



```

14813 \@namedef{foottextfontv@l}{\LTRfoottextfont}%
14814 \@bidi@before@Hy@hyperfootnotes
14815 \let\@footnotetext\@Parafootnotetext
14816 \let\@LTRfootnotetext\@ParaLTRfootnotetext
14817 \let\@RTLfootnotetext\@ParaRTLfootnotetext
14818 \dimen\footinsv@r=\footinsdim
14819 \count\footinsv@r=1000\relax
14820 \let\@bidi@removexfootskip\@bidi@removexparafootskip
14821 \m@make@para@footgroup{v@r}%
14822 \m@make@para@footstart{v@r}%
14823 \let\@footgroupv@r\@para@footgroupv@r
14824 \let\@footstartv@r\@para@footstartv@r
14825 \dimen\footinsv@l=\footinsdim
14826 \count\footinsv@l=1000\relax
14827 \bidi@make@para@LTRfootgroup{v@l}%
14828 \m@make@para@footstart{v@l}%
14829 \let\@LTRfootgroupv@l\@para@LTRfootgroupv@l
14830 \let\@footstartv@l\@para@footstartv@l
14831 \let\@mpfootnotetext\@mpParafootnotetext
14832 \let\@mpLTRfootnotetext\@mpParaLTRfootnotetext
14833 \let\@mpRTLfootnotetext\@mpParaRTLfootnotetext
14834 \@bidi@after@Hy@hyperfootnotes
14835 \m@make@mppara@footgroup{v@r}%
14836 \bidi@make@mppara@LTRfootgroup{v@l}%
14837 \let\mp@footgroupv@r\@mppara@footgroupv@r
14838 \let\mp@LTRfootgroupv@l\@mppara@LTRfootgroupv@l
14839 \g@addto@macro\bidi@floathook{%
14840   \begingroup
14841     \foottextfont \@tempdima\normalbaselineskip
14842     \multiply \@tempdima \@cclvi
14843     \@tempdimb \columnwidth
14844     \divide \@tempdimb \@cclvi
14845     \divide \@tempdima \@tempdimb
14846     \xdef\footfudgefactor{\strip@pt\@tempdima}%
14847   \endgroup
14848 }
14849 \AtBeginDocument{%
14850   \begingroup
14851     \foottextfont
14852     \@tempdima\footnotesep
14853     \advance\@tempdima -\ht\strutbox
14854     \ifdim\@tempdima<\z@ \@tempdima\z@ \fi
14855     \advance\@tempdima.5\normalbaselineskip
14856     \bidi@xparaskip
14857     \xdef\bidi@paraskip{\the\@tempdima\relax}%
14858   \endgroup
14859   \bidi@startparafootskip\footinsv@r
14860   \bidi@startparafootskip\footinsv@l
14861 }
14862 \@ifstar\bidi@star@footmarkwidth\bidi@normal@footmarkwidth
14863 }
14864 \newcommand{\normalRTLparaLTRfootnotes}{%
14865   \@namedef{foottextfontv@l}{\LTRfoottextfont}%
14866   \@bidi@before@Hy@hyperfootnotes

```



```

14867 \if@RTL@footnote
14868   \let\@footnotetext\m@mold@footnotetext
14869 \else
14870   \let\@footnotetext\@parafootnotetext
14871 \fi
14872 \let\@LTRfootnotetext\@paraLTRfootnotetext
14873 \let\@RTLfootnotetext\m@mold@RTLfootnotetext
14874 \dimen\footinsv@l=\footinsdim
14875 \count\footinsv@l=1000\relax
14876 \let\@bidi@removexfootskip\@bidi@removexparafootskip
14877 \bidi@make@para@LTRfootgroup{v@l}%
14878 \m@make@para@footstart{v@l}%
14879 \let\@LTRfootgroupv@l\@para@LTRfootgroupv@l
14880 \let\@footstartv@l\@para@footstartv@l
14881 \if@RTL@footnote
14882   \let\@mpfootnotetext\m@mold@mpfootnotetext
14883 \else
14884   \let\@mpfootnotetext\@mpparafootnotetext
14885 \fi
14886 \let\@mpLTRfootnotetext\@mpparaLTRfootnotetext
14887 \let\@mpRTLfootnotetext\m@mold@mpRTLfootnotetext
14888 \@bidi@after@Hy@hyperfootnotes
14889 \bidi@make@mppara@LTRfootgroup{v@l}%
14890 \let\mp@LTRfootgroupv@l\@mppara@LTRfootgroupv@l
14891 \g@addto@macro\@bidi@floathook{%
14892   \begingroup
14893     \LTRfoottextfont \@tempdima\normalbaselineskip
14894     \multiply \@tempdima \@cclvi
14895     \@tempdimb \columnwidth
14896     \divide \@tempdimb \@cclvi
14897     \divide \@tempdima \@tempdimb
14898     \xdef\footfudgefactor{\strip@pt\@tempdima}%
14899   \endgroup
14900 }
14901 \AtBeginDocument{%
14902   \begingroup
14903     \LTRfoottextfont
14904     \@tempdima\footnotesep
14905     \advance\@tempdima -\ht\strutbox
14906     \ifdim\@tempdima<z@ \@tempdima z@ \fi
14907     \advance\@tempdima.5\normalbaselineskip
14908     \bidi@xparaskip
14909     \xdef\@bidi@paraskip{\the\@tempdima\relax}%
14910   \endgroup
14911   \bidi@startparafootskip\footinsv@l
14912 }
14913 \@ifstar\bidi@star@footmarkwidth\bidi@normal@footmarkwidth
14914 }
14915 \newcommand{\NormalRTLParaLTRFootnotes}{%
14916   \@namedef{foottextfontv@l}{\LTRfoottextfont}%
14917   \@bidi@before@Hy@hyperfootnotes
14918   \if@RTL@footnote
14919     \let\@footnotetext\@bidi@bidiold@footnotetext
14920   \else

```



```

14921 \let\@footnotetext\@Parafootnotetext
14922 \fi
14923 \let\@LTRfootnotetext\@ParaLTRfootnotetext
14924 \let\@RTLfootnotetext\@bidi@bidiold@RTLfootnotetext
14925 \dimen\footinsv@l=\footinsdim
14926 \count\footinsv@l=1000\relax
14927 \let\@bidi@removexfootskip\@bidi@removexparafootskip
14928 \bidi@make@para@LTRfootgroup{v@l}%
14929 \m@make@para@footstart{v@l}%
14930 \let\@LTRfootgroupv@l\@para@LTRfootgroupv@l
14931 \let\@footstartv@l\@para@footstartv@l
14932 \if@RTL@footnote
14933 \let\@mpfootnotetext\@bidi@bidiold@mpfootnotetext
14934 \else
14935 \let\@mpfootnotetext\@mpParafootnotetext
14936 \fi
14937 \let\@mpLTRfootnotetext\@mpParaLTRfootnotetext
14938 \let\@mpRTLfootnotetext\@bidi@bidiold@mpRTLfootnotetext
14939 \@bidi@after@Hy@hyperfootnotes
14940 \bidi@make@mppara@LTRfootgroup{v@l}%
14941 \let\mp@LTRfootgroupv@l\@mppara@LTRfootgroupv@l
14942 \g@addto@macro\@bidi@floathook{%
14943 \begingroup
14944 \LTRfoottextfont \@tempdima\normalbaselineskip
14945 \multiply \@tempdima \@ccclvi
14946 \@tempdimb \columnwidth
14947 \divide \@tempdimb \@ccclvi
14948 \divide \@tempdima \@tempdimb
14949 \xdef\footfudgefactor{\strip@pt\@tempdima}%
14950 \endgroup
14951 }
14952 \AtBeginDocument{%
14953 \begingroup
14954 \LTRfoottextfont
14955 \@tempdima\footnotesep
14956 \advance\@tempdima -\ht\strutbox
14957 \ifdim\@tempdima<\z@ \@tempdima\z@ \fi
14958 \advance\@tempdima.5\normalbaselineskip
14959 \bidi@xparaskip
14960 \xdef\@bidi@paraskip{\the\@tempdima\relax}%
14961 \endgroup
14962 \bidi@startparafootskip\footinsv@l
14963 }
14964 \@ifstar\@bidi@star@footmarkwidth\@bidi@normal@footmarkwidth
14965 }
14966 \bidi@ensure@newcommand{\@parafootnotetext}[1]{\insert
14967 \if@RTL@footnote
14968 \footinsv@r
14969 \else
14970 \footinsv@l
14971 \fi
14972 {%
14973 \let\@bidi@RTL@everypar\@empty%
14974 \def\baselinestretch{\m@mk@footnote@spacing}%

```



```

14975 \reset@font\foottextfont
14976 \@preamfntext
14977 \protected@edef\@currentlabel{%
14978   \csname p@footnote\endcsname\@thefnmark}%
14979 \setbox0=\vbox{\hsize=\maxdimen
14980   \color@begingroup
14981   \noindent \@parafootfmt{#1}%
14982   \color@endgroup}%
14983 \m@mungebox}\m@mmf@prepare}
14984 \newcommand{\@Parafootnotetext}[1]{%
14985   \bidi@step@absolutefootnote@count
14986   \ifRTL@footnote
14987     \bidi@reinsertfootnote\footinsv@l\@footstartv@l\@LTRfootgroupv@l
14988   \else
14989     \bidi@reinsertfootnote\footinsv@r\@footstartv@r\@footgroupv@r
14990   \fi
14991 \global\setbox
14992 \ifRTL@footnote
14993   \footinsv@r
14994 \else
14995   \footinsv@l
14996 \fi
14997 \vbox{%
14998 \unvbox
14999 \ifRTL@footnote
15000   \footinsv@r
15001 \else
15002   \footinsv@l
15003 \fi
15004 \let\bidi@RTL@everypar\@empty%
15005 \def\baselinestretch{\m@m@footnote@spacing}%
15006 \reset@font\foottextfont
15007 \@preamfntext
15008 \protected@edef\@currentlabel{%
15009   \csname p@footnote\endcsname\@thefnmark}%
15010 \setbox0=\vbox{\hsize=\maxdimen
15011   \color@begingroup
15012   \noindent \@parafootfmt{#1}%
15013   \color@endgroup}%
15014 \m@mungebox}\m@mmf@prepare
15015 \ifRTL@footnote
15016   \bidi@reinsertfinalfootnoteperpage\footinsv@r\@footstartv@r\@footgroupv@r
15017 \else
15018   \bidi@reinsertfinalfootnoteperpage\footinsv@l\@footstartv@l\@LTRfootgroupv@l
15019 \fi
15020 }
15021 \bidi@ensure@newcommand{\@paraLTRfootnotetext}[1]{\insert\footinsv@l{%
15022 \let\bidi@RTL@everypar\@empty%
15023 \def\baselinestretch{\m@m@footnote@spacing}%
15024 \reset@font\LTRfoottextfont
15025 \@preamfntext
15026 \protected@edef\@currentlabel{%
15027   \csname p@footnote\endcsname\@thefnmark}%
15028 \setbox0=\vbox{\hsize=\maxdimen

```



```

15029 \color@begingroup
15030 \noindent \@paraLTRfootfmt{#1}%
15031 \color@endgroup}%
15032 \m@mungebox}\m@mmf@prepare}
15033 \newcommand{\@ParaLTRfootnotetext}[1]{%
15034 \bidi@step@absolutefootnote@count
15035 \bidi@reinsertfootnote\footinsv@r\@footstartv@r\@footgroupv@r
15036 \global\setbox\footinsv@l\vbox{%
15037 \unvbox\footinsv@l
15038 \let\bidi@RTL@everypar\@empty%
15039 \def\baselinestretch{\m@m@footnote@spacing}%
15040 \reset@font\LTRfoottextfont
15041 \@preamfntext
15042 \protected@edef\@currentlabel{%
15043 \csname p@footnote\endcsname\@thefnmark}%
15044 \setbox0=\vbox{\hsize=\maxdimen
15045 \color@begingroup
15046 \noindent \@paraLTRfootfmt{#1}%
15047 \color@endgroup}%
15048 \m@mungebox}\m@mmf@prepare
15049 \bidi@reinsertfinalfootnoteperpage\footinsv@l\@footstartv@l\@LTRfootgroupv@l
15050 }
15051 \bidi@ensure@newcommand{\@paraRTLfootnotetext}[1]{\insert\footinsv@r{%
15052 \let\bidi@RTL@everypar\@empty%
15053 \def\baselinestretch{\m@m@footnote@spacing}%
15054 \reset@font\RTLfoottextfont
15055 \@preamfntext
15056 \protected@edef\@currentlabel{%
15057 \csname p@footnote\endcsname\@thefnmark}%
15058 \setbox0=\vbox{\hsize=\maxdimen
15059 \color@begingroup
15060 \noindent \@paraRTLfootfmt{#1}%
15061 \color@endgroup}%
15062 \m@mungebox}\m@mmf@prepare}
15063 \newcommand{\@ParaRTLfootnotetext}[1]{%
15064 \bidi@step@absolutefootnote@count
15065 \bidi@reinsertfootnote\footinsv@l\@footstartv@l\@LTRfootgroupv@l
15066 \global\setbox\footinsv@r\vbox{%
15067 \unvbox\footinsv@r
15068 \let\bidi@RTL@everypar\@empty%
15069 \def\baselinestretch{\m@m@footnote@spacing}%
15070 \reset@font\RTLfoottextfont
15071 \@preamfntext
15072 \protected@edef\@currentlabel{%
15073 \csname p@footnote\endcsname\@thefnmark}%
15074 \setbox0=\vbox{\hsize=\maxdimen
15075 \color@begingroup
15076 \noindent \@paraRTLfootfmt{#1}%
15077 \color@endgroup}%
15078 \m@mungebox}\m@mmf@prepare
15079 \bidi@reinsertfinalfootnoteperpage\footinsv@r\@footstartv@r\@footgroupv@r
15080 }
15081 \bidi@ensure@newcommand{\@parafootfmt}[1]{%
15082 \parindent=\z@

```



```

15083 \parfillskip=0pt \@plus 1fil
15084 {\footfootmark\strut {\foottextfont #1}\penalty-10}}
15085 \bidi@ensure@newcommand{\@paraLTRfootfmt}[1]{%
15086 \parindent=\z@
15087 \parfillskip=0pt \@plus 1fil
15088 {\LTRfootfootmark\strut {\LTRfoottextfont #1}\penalty-10}}
15089 \bidi@ensure@newcommand{\@paraRTLfootfmt}[1]{%
15090 \parindent=\z@
15091 \parfillskip=0pt \@plus 1fil
15092 {\RTLfootfootmark\strut {\RTLfoottextfont #1}\penalty-10}}
15093 \bidi@ensure@newcommand{\@mpparafootnotetext}[1]{%
15094 \global\setbox
15095 \if@RTL@footnote
15096 \@mpfootinsv@r
15097 \else
15098 \@mpfootinsv@l
15099 \fi
15100 \vbox{%
15101 \unvbox
15102 \if@RTL@footnote
15103 \@mpfootinsv@r
15104 \else
15105 \@mpfootinsv@l
15106 \fi
15107 \let\bidi@RTL@everypar\@empty
15108 \def\baselinestretch{\m@m@footnote@spacing}%
15109 \reset@font\foottextfont
15110 \hsize\columnwidth \@parboxrestore
15111 \protected@edef\@currentlabel{%
15112 \csname p@mpfootnote\endcsname\@thefnmark}%
15113 \setbox0=\vbox{\hsize=\maxdimen
15114 \color@begingroup
15115 \noindent \@parafootfmt{#1}%
15116 \color@endgroup}%
15117 \m@mungebox}\m@mmf@prepare}
15118 \newcommand{\@mpParafootnotetext}[1]{%
15119 \if@RTL@footnote
15120 \bidi@joinmpfootnotes\@mpfootinsv@l\@footstartv@l\mp@LTRfootgroupv@l
15121 \else
15122 \bidi@joinmpfootnotes\@mpfootinsv@r\@footstartv@r\mp@footgroupv@r
15123 \fi
15124 \global\setbox
15125 \if@RTL@footnote
15126 \@mpfootinsv@r
15127 \else
15128 \@mpfootinsv@l
15129 \fi
15130 \vbox{%
15131 \unvbox
15132 \if@RTL@footnote
15133 \@mpfootinsv@r
15134 \else
15135 \@mpfootinsv@l
15136 \fi

```



```

15137 \let\bidirTL@everypar\@empty
15138 \def\baselinestretch{\m@m@footnote@spacing}%
15139 \reset@font\foottextfont
15140 \hsize\columnwidth \@parboxrestore
15141 \protected@edef\@currentlabel{%
15142 \csname p@mpfootnote\endcsname\@thefnmark}%
15143 \setbox0=\vbox{\hsize=\maxdimen
15144 \color@begingroup
15145 \noindent \@parafootfmt{#1}%
15146 \color@endgroup}%
15147 \m@mungebox}\m@mmf@prepare}
15148 \bidi@ensure@newcommand{\@mpparaLTRfootnotetext}[1]{%
15149 \global\setbox\@mpfootinsv@l\vbox{%
15150 \unvbox\@mpfootinsv@l
15151 \let\bidirTL@everypar\@empty
15152 \def\baselinestretch{\m@m@footnote@spacing}%
15153 \reset@font\LTRfoottextfont
15154 \hsize\columnwidth \@parboxrestore
15155 \protected@edef\@currentlabel{%
15156 \csname p@mpfootnote\endcsname\@thefnmark}%
15157 \setbox0=\vbox{\hsize=\maxdimen
15158 \color@begingroup
15159 \noindent \@paraLTRfootfmt{#1}%
15160 \color@endgroup}%
15161 \m@mungebox}\m@mmf@prepare}
15162 \newcommand{\@mpParaLTRfootnotetext}[1]{%
15163 \bidi@joinmpfootnotes\@mpfootinsv@r\@footstartv@r\mp@footgroupv@r
15164 \global\setbox\@mpfootinsv@l\vbox{%
15165 \unvbox\@mpfootinsv@l
15166 \let\bidirTL@everypar\@empty
15167 \def\baselinestretch{\m@m@footnote@spacing}%
15168 \reset@font\LTRfoottextfont
15169 \hsize\columnwidth \@parboxrestore
15170 \protected@edef\@currentlabel{%
15171 \csname p@mpfootnote\endcsname\@thefnmark}%
15172 \setbox0=\vbox{\hsize=\maxdimen
15173 \color@begingroup
15174 \noindent \@paraLTRfootfmt{#1}%
15175 \color@endgroup}%
15176 \m@mungebox}\m@mmf@prepare}
15177 \bidi@ensure@newcommand{\@mpparaRTLfootnotetext}[1]{%
15178 \global\setbox\@mpfootinsv@r\vbox{%
15179 \unvbox\@mpfootinsv@r
15180 \let\bidirTL@everypar\@empty
15181 \def\baselinestretch{\m@m@footnote@spacing}%
15182 \reset@font\RTLfoottextfont
15183 \hsize\columnwidth \@parboxrestore
15184 \protected@edef\@currentlabel{%
15185 \csname p@mpfootnote\endcsname\@thefnmark}%
15186 \setbox0=\vbox{\hsize=\maxdimen
15187 \color@begingroup
15188 \noindent \@paraRTLfootfmt{#1}%
15189 \color@endgroup}%
15190 \m@mungebox}\m@mmf@prepare}

```



```

15191 \newcommand{\@mpParaRTLfootnotetext}[1]{%
15192   \bidi@joinmpfootnotes\@mpfootinsv@l\@footstartv@l\mp@LTRfootgroupv@l
15193   \global\setbox\@mpfootinsv@r\vbox{%
15194     \unvbox\@mpfootinsv@r
15195     \let\bidi@RTL@everypar\@empty
15196     \def\baselinestretch{\m@m@footnote@spacing}%
15197     \reset@font\RTLfoottextfont
15198     \hsize\columnwidth \@parboxrestore
15199     \protected@edef\@currentlabel{%
15200       \csname p@mpfootnote\endcsname\@thefnmark}%
15201     \setbox0=\vbox{\hsize=\maxdimen
15202       \color@begingroup
15203       \noindent \@paraRTLfootfmt{#1}%
15204       \color@endgroup}%
15205     \m@mungebox}\m@mmf@prepare}
15206 \bidi@ensure@newcommand{\m@make@para@footgroup}[1]{%
15207 \@namedef{\@para@footgroup#1}{%
15208   \unvbox\@nameuse{footins#1}
15209   \@RTLtrue
15210   \m@mmakehboxofhboxes
15211   \setbox0=\hbox{\unhbox0 \m@removehboxes}%
15212   \hsize\bidi@columnwidth
15213   \@parboxrestore
15214   \def\baselinestretch{\m@m@footnote@spacing}%
15215   \@nameuse{foottextfont#1}%
15216   \noindent\unhbox0\par}}
15217 \bidi@ensure@newcommand{\bidi@make@para@LTRfootgroup}[1]{%
15218 \@namedef{\@para@LTRfootgroup#1}{%
15219   \unvbox\@nameuse{footins#1}
15220   \@RTLfalse
15221   \m@mmakehboxofhboxes
15222   \setbox0=\hbox{\unhbox0 \m@removehboxes}%
15223   \hsize\bidi@columnwidth
15224   \@parboxrestore
15225   \def\baselinestretch{\m@m@footnote@spacing}%
15226   \@nameuse{foottextfont#1}%
15227   \noindent\unhbox0\par}}
15228 \newcommand{\bidi@removexparafootskip}{%
15229   \advance\@tempskipa -\bidi@paraskip
15230   \edef\bidi@footskip{\vskip\the\@tempskipa\relax}%
15231 }
15232 \let\bidi@removexfootskip\relax
15233 \bidi@ensure@newcommand{\m@make@mppara@footgroup}[1]{%
15234 \@namedef{\@mppara@footgroup#1}{%
15235   \unvbox\@nameuse{@mpfootins#1}
15236   \@RTLtrue
15237   \m@mmakehboxofhboxes
15238   \setbox0=\hbox{\unhbox0 \m@removehboxes}%
15239   \def\baselinestretch{\m@m@footnote@spacing}%
15240   \@nameuse{foottextfont#1}%
15241   \noindent\unhbox0\par}}
15242 \bidi@ensure@newcommand{\bidi@make@mppara@LTRfootgroup}[1]{%
15243 \@namedef{\@mppara@LTRfootgroup#1}{%
15244   \unvbox\@nameuse{@mpfootins#1}

```



```

15245 \RTLfalse
15246 \m@mmakehboxofhboxes
15247 \setbox0=\hbox{\unhbox0 \m@mremovehboxes}%
15248 \def\baselinestretch{\m@m@footnote@spacing}%
15249 \@nameuse{foottextfont#1}%
15250 \noindent\unhbox0\par}}
15251 \bidi@ensure@newcommand{\m@make@para@footstart}[1]{%
15252 \@namedef{@para@footstart#1}{%
15253 \leftskip=\z@
15254 \rightskip=\z@
15255 \parindent=\z@
15256 }%
15257 }
15258 \bidi@ensure@newcommand*{\m@m@makecolfloats}{%
15259 \xdef\@freelist{\@freelist\@midlist}%
15260 \global\let\@midlist\@empty
15261 \@combinefloats}
15262 \bidi@ensure@newcommand*{\m@m@makecoltext}{%
15263 \ifvbox\@kludgeins
15264 \@makespecialcolbox
15265 \else
15266 \setbox\@outputbox \vbox to\@colht{%
15267 \@texttop
15268 \dimen@ \dp\@outputbox
15269 \unvbox \@outputbox
15270 \vskip -\dimen@
15271 \@textbottom}%
15272 \fi}
15273 \bidi@ensure@newcommand*{\m@m@makecolintro}{%
15274 \bidi@ensure@newcommand*{\m@mopfootnote}{\setbox\@outputbox \vbox{%
15275 \boxmaxdepth\@maxdepth
15276 \@tempdima\dp\@cc1v
15277 \unvbox\@cc1v
15278 \vskip-\@tempdima
15279 \bidi@mopfn@bottom
15280 \vskip \skip\footins
15281 \color@begingroup
15282 \normalcolor
15283 \footnoterule
15284 \unvbox \footins
15285 \color@endgroup
15286 }%
15287 }
15288 \newcommand*{\bidi@mopfootnotebf}{%
15289 \setbox\@outputbox \vbox{%
15290 \boxmaxdepth\@maxdepth
15291 \unvbox\@outputbox
15292 \bidi@mopfn@bottom
15293 \vskip\skip\footins
15294 \color@begingroup
15295 \normalcolor
15296 \footnoterule
15297 \unvbox \footins
15298 \color@endgroup

```



```

15299 }%
15300 }
15301 \gdef\mem@makecol{%
15302   \m@m@makecolintro
15303   \m@m@doextrafeet
15304   \ifvoid\footins
15305     \setbox\@outputbox \box\@cclv
15306   \else
15307     \m@mopfootnote
15308   \fi
15309   \m@m@makecolfloats
15310   \m@m@makecoltext
15311   \global \maxdepth \@maxdepth}
15312 \gdef\bidi@makecolbf{%
15313   \m@m@makecolintro
15314   \m@m@doextrafeet
15315   \setbox\@outputbox \box\@cclv
15316   \m@m@makecolfloats
15317   \ifvoid\footins
15318   \else
15319     \bidi@mopfootnotebf
15320   \fi
15321   \m@m@makecoltext
15322   \global \maxdepth \@maxdepth}
15323 \newcommand{\FeetAboveFloat}{\gdef\@makecol{\mem@makecol}}
15324 \newcommand{\FeetBelowFloat}{\gdef\@makecol{\bidi@makecolbf}}
15325 \newcommand\FeetAtBottom{\def\bidi@mopfn@bottom{\vfill\relax}}
15326 \newcommand\FeetBelowRagged{\let\bidi@mopfn@bottom\relax}
15327 \FeetAboveFloat
15328 \FeetBelowRagged
15329 \def\bidi@reinserts#1{\ifvoid#1\else
15330   \ifnum\count\@currbox>\z@
15331     \advance\@pageht \ht#1%
15332     \advance\@pageht \skip#1%
15333     \advance\@pageht \dp#1%
15334   \fi
15335   \insert#1{\unvbox#1}%
15336 \fi
15337 }
15338 \def\bidi@init@multi@footins#1{%
15339   \multiply\count#1\col@number
15340   \multiply\skip#1\col@number
15341 }
15342 \def\bidi@reinsert@footnotes#1{\ifvoid#1\else
15343   \insert#1{\fi}
15344 \AtBeginDocument{%
15345   \bidi@preto\@doclearpage\m@m@doextrafeet
15346   \g@addto@macro\@reinserts{%
15347     \bidi@reinserts\footinsv@r
15348     \bidi@reinserts\footinsv@l
15349   }
15350   \bidi@floathook
15351   \g@addto@macro\@floatplacement{%
15352     \bidi@ifmulticol}{\bidi@floathook}%

```



```

15353 }%
15354 \if@bidi@csundef{multi@column@out}{%
15355   \onlypreamble\ bidi@init@multi@footins
15356   \let\ bidi@ifmulticol\@secondoftwo
15357 }{%
15358   \ bidi@preto\multi@column@out\m@mdoextrafeet
15359   \g@addto@macro\init@mult@footins{%
15360     \ bidi@init@multi@footins\footinsv@r
15361     \ bidi@init@multi@footins\footinsv@l
15362   }%
15363   \g@addto@macro\reinsert@footnotes{%
15364     \ bidi@reinsert@footnotes\footinsv@r
15365     \ bidi@reinsert@footnotes\footinsv@l
15366   }%
15367 }%
15368 }

```

## 87 File extreport-xetex-bidi.def

```

15369 \ProvidesFile{extreport-xetex-bidi.def}[2017/06/09 v0.3 bidi adaptations for extreport class]
15370 \renewcommand*\l@part[2]{%
15371   \ifnum \c@tocdepth >-2\relax
15372     \addpenalty{-\@highpenalty}%
15373     \addvspace{2.25em \@plus\p}%
15374     \begingroup
15375       \setlength\@tempdima{3em}%
15376       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
15377       \parfillskip -\@pnumwidth
15378       {\leavevmode
15379         \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
15380       \nobreak
15381       \global\@nobreaktrue
15382       \everypar{\global\@nobreakfalse\everypar{}}%
15383     \endgroup
15384   \fi}
15385 \renewcommand*\l@chapter[2]{%
15386   \ifnum \c@tocdepth >\m@ne
15387     \addpenalty{-\@highpenalty}%
15388     \vskip 1.0em \@plus\p@
15389     \setlength\@tempdima{1.5em}%
15390     \begingroup
15391       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
15392       \parfillskip -\@pnumwidth
15393       \leavevmode \bfseries
15394       \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
15395       \hskip -\if@RTL\rightskip\else\leftskip\fi
15396       #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
15397       \penalty\@highpenalty
15398     \endgroup
15399   \fi}
15400 \def\@makechapterhead#1{%
15401   \vspace*{50\p}%
15402   {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi \normalfont
15403     \ifnum \c@secnumdepth >\m@ne

```



```

15404      \huge\bfseries \@chapapp\space \thechapter
15405      \par\nobreak
15406      \vskip 20\p@
15407      \fi
15408      \interlinepenalty\@M
15409      \Huge \bfseries #1\par\nobreak
15410      \vskip 40\p@
15411    }}
15412 \def\@makeschapterhead#1{%
15413   \vspace*{50\p@}%
15414   {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
15415    \normalfont
15416    \interlinepenalty\@M
15417    \Huge \bfseries #1\par\nobreak
15418    \vskip 40\p@
15419   }}
15420 \renewcommand\left@footnoterule{%
15421   \kern-3\p@
15422   \hrule\@width.4\columnwidth
15423   \kern2.6\p@}
15424 \renewcommand\right@footnoterule{%
15425   \kern-3\p@
15426   \hbox to \columnwidth{\hskip .6\columnwidth \hrulefill }
15427   \kern2.6\p@}
15428 \renewenvironment{thebibliography}[1]
15429   {\chapter*{\bibname
15430     \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}}%
15431     \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
15432     \bidi@thebibliography@font@hook%
15433     \list{\@biblabel{\@arabic{c@enumiv}}}%
15434       {\settowidth\labelwidth{\@biblabel{#1}}%
15435        \leftmargin\labelwidth
15436        \advance\leftmargin\labelsep
15437        \@openbib@code
15438        \usecounter{enumiv}%
15439        \let\p@enumiv\@empty
15440        \renewcommand\theenumiv{\@arabic{c@enumiv}}}%
15441     \sloppy\clubpenalty4000\widowpenalty4000%
15442     \sfcode\.\@m}
15443   {\def\@noitemerr
15444     {\@latex@warning{Empty `thebibliography' environment}}}%
15445     \endlist}
15446 \if@titlepage
15447 \renewcommand\maketitle{\begin{titlepage}%
15448 \let\footnotesize\small
15449 \let\right@footnoterule\relax
15450 \let\left@footnoterule\relax
15451 \let\textwidth\footnoterule\relax
15452 \let \footnote \thanks
15453 \null\vfil
15454 \vskip 60\p@
15455 \begin{center}%
15456   {\LARGE \@title \par}%
15457   \vskip 3em%

```



```

15458     {\large
15459       \lineskip .75em%
15460       \begin{tabular}[t]{c}%
15461         \@author
15462       \end{tabular}\par}%
15463       \vskip 1.5em%
15464       {\large \@date \par}%           % Set date in \large size.
15465 \end{center}\par
15466 \@thanks
15467 \vfil\null
15468 \end{titlepage}%
15469 \setcounter{footnote}{0}%
15470 \global\let\thanks\relax
15471 \global\let\maketitle\relax
15472 \global\let\@thanks\@empty
15473 \global\let\@author\@empty
15474 \global\let\@date\@empty
15475 \global\let\@title\@empty
15476 \global\let\title\relax
15477 \global\let\author\relax
15478 \global\let\date\relax
15479 \global\let\and\relax
15480 }
15481 \else
15482 \renewcommand\maketitle{\par
15483   \begingroup
15484     \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
15485     \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
15486     \long\def\@makefntext##1{\parindent 1em\noindent
15487       \hb@xt@1.8em{%
15488         \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
15489     \if@twocolumn
15490       \ifnum \col@number=\@ne
15491         \@maketitle
15492       \else
15493         \twocolumn[\@maketitle]%
15494       \fi
15495     \else
15496       \newpage
15497       \global\@topnum\z@ % Prevents figures from going at top of page.
15498       \@maketitle
15499     \fi
15500     \thispagestyle{plain}\@thanks
15501   \endgroup
15502   \setcounter{footnote}{0}%
15503   \global\let\thanks\relax
15504   \global\let\maketitle\relax
15505   \global\let\@maketitle\relax
15506   \global\let\@thanks\@empty
15507   \global\let\@author\@empty
15508   \global\let\@date\@empty
15509   \global\let\@title\@empty
15510   \global\let\title\relax
15511   \global\let\author\relax

```



```

15512 \global\let\date\relax
15513 \global\let\and\relax
15514 }
15515 \def\@maketitle{%
15516 \newpage
15517 \null
15518 \vskip 2em%
15519 \begin{center}%
15520 \let \footnote \thanks
15521 {\LARGE \@title \par}%
15522 \vskip 1.5em%
15523 {\large
15524 \lineskip .5em%
15525 \begin{tabular}[t]{c}%
15526 \@author
15527 \end{tabular}\par}%
15528 \vskip 1em%
15529 {\large \@date}%
15530 \end{center}%
15531 \par
15532 \vskip 1.5em}
15533 \fi
15534 \renewcommand\thesection {\thechapter\@SepMark\@arabic\c@section}
15535 \renewcommand\thesubsection {\thesection\@SepMark\@arabic\c@subsection}
15536 \renewcommand\thesubsubsection{\thesubsection \@SepMark\@arabic\c@subsubsection}
15537 \renewcommand\theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
15538 \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}
15539 \renewcommand\theequation{%
15540 \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@equation}
15541 \renewcommand\thefigure{%
15542 \ifnum \c@chapter>\z@\thechapter\@SepMark\fi \@arabic\c@figure}
15543 \renewcommand\thetable{%
15544 \ifnum \c@chapter>\z@\thechapter\@SepMark\fi\@arabic\c@table}

```

## 88 File fancybox-xetex-bidi.def

```

15545 \ProvidesFile{fancybox-xetex-bidi.def}[2013/05/01 v0.1 bidi adaptations for fancybox package]
15546 \def\fancy@oval#1#2#3{%
15547 \boxmaxdepth \maxdimen
15548 \@ovttrue \@ovbtrue \@ovltrue \@ovrtrue
15549 \@tfor\@tempa :=#3\do{\csname @ov\@tempa false\endcsname}%
15550 \@ovxx#1\relax
15551 \advance\@ovxx-\@wholewidth
15552 \@ovyy#2\relax
15553 \advance\@ovyy-\@wholewidth
15554 \@tempdimb \ifdim \@ovyy >\@ovxx \@ovxx\else \@ovyy \fi
15555 \advance\@tempdimb-2\p@
15556 \ifdim\@tempdimb>\the@cornersize\relax
15557 \@tempdimb=\the@cornersize
15558 \fi
15559 \@getcirc\@tempdimb
15560 \@ovro\ht\@tempboxa \@ovri\dp\@tempboxa
15561 \@ovdx\@ovxx \advance\@ovdx-\@tempdima \divide\@ovdx \tw@
15562 \@ovdy\@ovyy \advance\@ovdy-\@tempdima \divide\@ovdy \tw@

```



```

15563 \@circlefnt
15564 \setbox\@tempboxa\hbox{\beginL%
15565   \if@ovr \@ovvert32\kern -\@tempdima \fi
15566   \if@ovl \kern \@ovxx \@ovvert01\kern -\@tempdima \kern -\@ovxx \fi
15567   \if@ovt \@ovhorz \kern -\@ovxx \fi
15568   \if@ovb \raise \@ovyy \@ovhorz \fi\endL}%
15569 \advance\@ovdx\@ovro
15570 \advance\@ovdy\@ovro
15571 \advance\@ovxx\@wholewidth
15572 \wd\@tempboxa=\@ovxx
15573 \dp\@tempboxa=\z@}

```

## 89 File fancyhdr-xetex-bidi.def

```

15574 \ProvidesFile{fancyhdr-xetex-bidi.def}[2018/02/15 v0.7 bidi adaptations for fancyhdr package]
15575
15576 \let\f@nch@everypar\everypar
15577
15578 \def\f@nch@head#1#2#3#4#5{#1\hbox to\headwidth{\f@nch@reset
15579   \f@nch@vbox\headheight{\hbox
15580     {\rlap{\parbox[b]{\headwidth}{\bidi@raggedright#2}}\hfill
15581       \parbox[b]{\headwidth}{\centering#3}\hfill
15582       \llap{\parbox[b]{\headwidth}{\bidi@raggedleft#4}}}\headrule}}#5}
15583
15584 \def\f@nch@foot#1#2#3#4#5{#1\hbox to\headwidth{\f@nch@reset
15585   \f@nch@vbox\footskip{\footrule
15586     \hbox{\rlap{\parbox[t]{\headwidth}{\bidi@raggedright#2}}\hfill
15587       \parbox[t]{\headwidth}{\centering#3}\hfill
15588       \llap{\parbox[t]{\headwidth}{\bidi@raggedleft#4}}}\footrule}}#5}
15589

```

## 90 File fix2col-xetex-bidi.def

```

15590 \ProvidesFile{fix2col-xetex-bidi.def}[2017/05/06 v0.4 bidi adaptations for fix2col package]
15591 \def\RTL@outputdblcol{%
15592   \if@firstcolumn
15593     \global\@firstcolumnfalse
15594     \global\setbox\@leftcolumn\copy\@outputbox
15595     \splitmaxdepth\maxdimen
15596     \vbadness\maxdimen
15597     \setbox\@outputbox\vsplit\@outputbox to\maxdimen
15598     \toks@{\expandafter{\topmark}}%
15599     \xdef\@firstcoltopmark{\the\toks@}%
15600     \toks@\expandafter{\splitfirstmark}%
15601     \xdef\@firstcolfirstmark{\the\toks@}%
15602     \ifx\@firstcolfirstmark\@empty
15603       \global\let\@setmarks\relax
15604     \else
15605       \gdef\@setmarks{%
15606         \let\firstmark\@firstcolfirstmark
15607         \let\topmark\@firstcoltopmark}%
15608     \fi
15609   \else \global\@firstcolumntrue
15610   \setbox\@outputbox \vbox {\hbox to\textwidth {%

```



```

15611 \hskip \columnwidth
15612 \hfil \vrule width\columnseprule \hfil
15613 \hbox to\columnwidth {%
15614 \bidi@firstcolumn@status@write%
15615 \box\@leftcolumn \hss}%
15616 \hskip -\textwidth
15617 \hbox to\columnwidth{%
15618 \bidi@lastcolumn@status@write%
15619 \box\@outputbox \hss}%
15620 \hskip \columnsep
15621 \hskip \columnwidth }}%
15622 \@combinedblfloats \@setmarks \@outputpage
15623 \begingroup \@dblfloatplacement \@startdblcolumn
15624 \@whiles\if@colmade \fi
15625 {\@outputpage \@startdblcolumn }\endgroup
15626 \fi}
15627 \def\LTR@outputdblcol{%
15628 \if@firstcolumn
15629 \global\@firstcolumnfalse
15630 \global\setbox\@leftcolumn\copy\@outputbox
15631 \splitmaxdepth\maxdimen
15632 \vbadness\maxdimen
15633 \setbox\@outputbox\vsplit\@outputbox to\maxdimen
15634 \toks@\expandafter{\topmark}%
15635 \xdef\@firstcoltopmark{\the\toks@}%
15636 \toks@\expandafter{\splitfirstmark}%
15637 \xdef\@firstcolfirstmark{\the\toks@}%
15638 \ifx\@firstcolfirstmark\@empty
15639 \global\let\@setmarks\relax
15640 \else
15641 \gdef\@setmarks{%
15642 \let\firstmark\@firstcolfirstmark
15643 \let\topmark\@firstcoltopmark}%
15644 \fi
15645 \else
15646 \global\@firstcolumntrue
15647 \setbox\@outputbox\vbox{%
15648 \hb@xt@\textwidth{%
15649 \hb@xt@\columnwidth{%
15650 \bidi@firstcolumn@status@write%
15651 \box\@leftcolumn \hss}%
15652 \hfil
15653 \vrule \@width\columnseprule
15654 \hfil
15655 \hb@xt@\columnwidth{%
15656 \bidi@lastcolumn@status@write%
15657 \box\@outputbox \hss}}}%
15658 \@combinedblfloats
15659 \@setmarks
15660 \@outputpage
15661 \begingroup
15662 \@dblfloatplacement
15663 \@startdblcolumn
15664 \@whiles\if@colmade \fi{\@outputpage\@startdblcolumn}%

```



```

15665 \endgroup
15666 \fi}

```

## 91 File fleqn-xetex-bidi.def

```

15667 \ProvidesFile{fleqn-xetex-bidi.def}[2010/03/01 v0.1 bidi adaptations for fleqn tag for XeTeX]
15668 \renewcommand\{\relax
15669     \ifmmode\@badmath
15670     \else
15671         \begin{trivlist}%
15672             \@beginparpenalty\predisplaypenalty
15673             \@endparpenalty\postdisplaypenalty
15674             \item[]\leavevmode
15675             \hb@xt@\linewidth\bgroup \beginL$\m@th\displaystyle %$
15676             \hskip\mathindent\bgroup
15677         \fi}
15678 \renewcommand\{\relax
15679     \ifmmode
15680         \egroup $\hfil% $
15681         \endL\egroup
15682         \end{trivlist}%
15683     \else \@badmath
15684     \fi}
15685 \renewenvironment{equation}%
15686     {\@beginparpenalty\predisplaypenalty
15687     \@endparpenalty\postdisplaypenalty
15688     \refstepcounter{equation}%
15689     \trivlist \item[]\leavevmode
15690     \hb@xt@\linewidth\bgroup\beginL $\m@th% $
15691     \displaystyle
15692     \hskip\mathindent}%
15693     {$\hfil % $
15694     \displaywidth\linewidth\hbox{\@eqnnum}}%
15695     \endL\egroup
15696 \endtrivlist}

```

## 92 File float-xetex-bidi.def

```

15697 \ProvidesFile{float-xetex-bidi.def}[2013/04/04 v0.2 bidi adaptations for float package for XeTeX]
15698 \renewcommand\floatc@plain[2]{\setbox\@tempboxa\hbox{\@fs@cfont #1:} #2}%
15699 \ifdim\wd\@tempboxa>\hsize {\@fs@cfont #1:} #2\par
15700 \else\hbox to\hsize{\if@RTL\beginR\fi\hfil\box\@tempboxa\hfil\if@RTL\endR\fi}\fi}
15701 \def\float@newx#1[#2]{\@ifundefined{c@#1}{\newcounter{#1}[#2]}%
15702 \expandafter\edef\csname the#1\endcsname{%
15703 \expandafter\noexpand\csname
15704     the#2\endcsname\@SepMark\noexpand\arabic{#1}}}%
15705 {\PackageWarning{float}{Can't redefine counter variable for #1.}}}

```

## 93 File floatrow-xetex-bidi.def

```

15706 \ProvidesFile{floatrow-xetex-bidi.def}[2013/04/08 v0.1 bidi adaptations for floatrow package]
15707 \renewcommand\flnew@within[1]{\@addtoreset{FB@captive}{#1}%
15708 \expandafter\edef\csname theFB@captive\endcsname{%
15709 \expandafter\noexpand\csname

```



```
15710 the#1\endcsname\@SepMark\noexpand\arabic{\FB@captype}}}
```

## 94 File flowfram-xetex-bidi.def

```
15711 \ProvidesFile{flowfram-xetex-bidi.def}[2018/09/29 v0.5 bidi adaptations for flowfram package]
15712 \def\@outputdblcol{%
15713 \@nxtcol=\c@thisframe
15714 \c@curpg=\c@page
15715 \g@tnextcol{\@nxtcol}%
15716 \iff@ff@nwpg % next flow frame starts on new page
15717 \global\@firstcolumntrue
15718 \setcolbox\c@thisframe
15719 \iff@specialpage
15720 \global\@specialpagefalse
15721 \nameuse{ps@\@specialstyle}\relax
15722 \fi
15723 \iff@twoside
15724 \ifodd\count\z@
15725 \let\@thehead\@oddhead
15726 \let\@thefoot\@oddfoot
15727 \else
15728 \let\@thehead\@evenhead
15729 \let\@thefoot\@evenfoot
15730 \fi
15731 \else
15732 \let\@thehead\@oddhead
15733 \let\@thefoot\@oddfoot
15734 \fi
15735 \@begindvi
15736 \dodynamicthehead\@dynamicthefoot
15737 \vbadness=\@M
15738 \setbox\@outputbox\vbox{\hbox to \textwidth{\@ff@do@allframes}}}%
15739 \combinedblfloats
15740 \outputpage
15741 \advance\c@curpg by -\c@page\relax
15742 \whiledo{\c@curpg>0}{\advance\c@curpg by -1\relax
15743 \setbox\@outputbox\vbox{\hbox to \textwidth{\@ff@do@allframes}}}%
15744 \outputpage}
15745 \begingroup
15746 \dblfloatplacement
15747 \startdblcolumn
15748 \whilesw \iffcolmade \fi
15749 {\@outputpage \startdblcolumn }\endgroup
15750 \resetst@tics
15751 \resetdyn@mics
15752 \else % still on same page, save contents of box255
15753 \global\@firstcolumnfalse
15754 \setcolbox\c@thisframe
15755 \fi
15756 \global\c@thisframe=\@nxtcol
15757 \setcol{\c@thisframe}\relax
15758 \global\@colht\@vsize
15759 }
15760 \def\@outputpage{%
```



```

15761 \begingroup
15762 \let\protect\noexpand
15763 \@resetactivechars
15764 \global\let\@@if@newlist@if@newlist
15765 \global\@newlistfalse\@parboxrestore
15766 \global\let\@bidi@BeforeOutputPageShipOut\@firstofone
15767 \@bidi@beforeoutputpageshipouthook
15768 \shipout\vbox{\set@typeset@protect
15769 \aftergroup
15770 \endgroup
15771 \aftergroup
15772 \set@typeset@protect
15773 \reset@font\normalsize
15774 \bidi@font@@outputpage
15775 \normalsfcodes
15776 \let\label\@gobble
15777 \let\index\@gobble
15778 \let\glossary\@gobble
15779 \baselineskip\z@skip
15780 \lineskip\z@skip
15781 \lineskiplimit\z@
15782 \vskip\topmargin\moveright\@themargin
15783 \vbox{%
15784 \global\let\@bidi@BeforeHeader\@firstofone
15785 \@bidi@beforeheaderhook
15786 \vskip\headheight
15787 \vskip\headsep
15788 \global\let\@bidi@BeforeOutputBoxOutputPage\@firstofone
15789 \@bidi@beforeoutputboxoutputpagehook
15790 \box\@outputbox
15791 \global\let\@bidi@AfterOutputBoxOutputPage\@firstofone
15792 \@bidi@afteroutputboxoutputpagehook
15793 }}%
15794 \global\let\@bidi@AfterOutputPageShipOut\@firstofone
15795 \@bidi@afteroutputpageshipouthook
15796 \global\let@if@newlist\@@if@newlist
15797 \stepcounter{page}%
15798 \setcounter{displayedframe}{0}%
15799 \let\firstmark\botmark
15800 \global\let\@bidi@AtEndOutputPage\@firstofone
15801 \@bidi@atendoutputpagehook
15802 }
15803
15804
15805 \newcommand*\bidi@s@tfftextcol{\ifthenelse{\equal{\ff@txtcol}{}}{-}{%
15806 \expandafter\bidi@color\ff@txtcol}}
15807
15808 \newcommand{\bidi@ff@box}[3]{\@ffbackground{\vbox to#2
15809 {\hb@xt@ #1{\hss{\bidi@s@tfftextcol #3}\hss}\vss\kern\z@}}}%
15810
15811
15812 \renewcommand*\@docolbox}[1]{%
15813 \edef\ff@frametype{%
15814 \csname @ff@frametype@\romannumeral#1\endcsname}%

```



```

15815 \edef\ff@col{\csname @ff@col@\romannumeral#1\endcsname}%
15816 \edef\ff@txtcol{\csname @ff@txtcol@\romannumeral#1\endcsname}%
15817 \edef\ff@backcol{\csname @ff@backcol@\romannumeral#1\endcsname}%
15818 \@ff@setoffset{#1}%
15819 \rotateframe{\csname @ff@angle@\romannumeral#1\endcsname}{%
15820 \ifthenelse{\boolean{columnframe\romannumeral#1}}{%
15821 \@ff@fbox{\csname colwidth\romannumeral#1\endcsname}%
15822 {\csname colheight\romannumeral#1\endcsname}}{%
15823 \expandafter\box\csname column\romannumeral#1\endcsname}{%
15824 \csname\ff@frametype\endcsname}%
15825 }{%
15826 \bidi@ff@box{\csname colwidth\romannumeral#1\endcsname}%
15827 {\csname colheight\romannumeral#1\endcsname}}{%
15828 \expandafter\box\csname column\romannumeral#1\endcsname}%
15829 }}}
15830 \@ifclassloaded{book}{%
15831 \renewcommand\theequation
15832 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
15833 \renewcommand \thefigure
15834 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
15835 \renewcommand \thetable
15836 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
15837 \renewcommand \thechapter {\@arabic\c@chapter}
15838 \renewcommand \thesection {\thechapter\@SepMark\@arabic\c@section}
15839 \renewcommand \thesubsection {\thesection\@SepMark\@arabic\c@subsection}
15840 \renewcommand \thesubsubsection {\thesubsection \@SepMark\@arabic\c@subsubsection}
15841 \renewcommand \theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
15842 \renewcommand \thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}}{}
15843 \@ifclassloaded{report}{%
15844 \renewcommand\theequation
15845 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
15846 \renewcommand \thefigure
15847 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
15848 \renewcommand \thetable
15849 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
15850 \renewcommand \thechapter {\@arabic\c@chapter}
15851 \renewcommand \thesection {\thechapter\@SepMark\@arabic\c@section}
15852 \renewcommand \thesubsection {\thesection\@SepMark\@arabic\c@subsection}
15853 \renewcommand \thesubsubsection {\thesubsection \@SepMark\@arabic\c@subsubsection}
15854 \renewcommand \theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
15855 \renewcommand \thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}}{}
15856 \renewcommand{\rotateframe}[2]{\if@ttb@rotate
15857 \rotatebox{#1}{\if@RTL\beginL\fi#2\if@RTL\endL\fi}%
15858 \else
15859 #2\relax
15860 \fi}

```

## 95 File footnote-xetex-bidi.def

```

15861 \ProvidesFile{footnote-xetex-bidi.def}[2023/01/18 v1.2 bidi footnote macros for XeTeX engine]
15862 \if@RTLmain\@RTL@footnotetrue\else\@RTL@footnotefalse\fi
15863 \newif\ifbidi@autofooterule
15864 \def\bidi@mpfootnoterule{\footnoterule}
15865 \newcounter{footdir@label}

```



```

15866 \renewcommand*{\thefootdir@label}{footdir@the\value{footdir@label}}
15867 \newcommand*{\footdir@write}{%
15868   \stepcounter{footdir@label}%
15869   \zref@labelbyprops{\thefootdir@label}{abspage}%
15870 }
15871 \newif\iffootdir@debug
15872 \newcommand*{\debugfootnotedirection}{\footdir@debugtrue}
15873 \newtoks\footdir@toks
15874 \newcommand*{\footdir@debug}[1]{%
15875   \iffootdir@debug
15876     \typeout{[footdir] #1}%
15877   \fi
15878 }
15879 %\@ifpackagelater{zref-abspage}{2012/10/27}{%
15880 %  \newcommand*{\footdir@LeftRightElse}{%
15881 %    \ltx@ifundefined{footdir@the\value{zabspage}}{%
15882 %      \footdir@debug{abspage \the\value{zabspage}: else}%
15883 %      \ltx@thirdofthree
15884 %    }{%
15885 %      \if\csname footdir@the\value{zabspage}\endcsname L%
15886 %        \footdir@debug{abspage \the\value{zabspage}: left}%
15887 %        \expandafter\ltx@firstofthree
15888 %      \else
15889 %        \footdir@debug{abspage \the\value{zabspage}: right}%
15890 %        \expandafter\ltx@secondofthree
15891 %      \fi
15892 %    }%
15893 %  }%
15894 %}{%
15895 %  \providecommand*{\c@zabspage}{\c@abspage}%
15896 %  \newcommand*{\footdir@LeftRightElse}{%
15897 %    \footdir@write
15898 %    \zifrefundefined{\thefootdir@label}{%
15899 %      \footdir@debug{abspage ??: else}%
15900 %      \ltx@thirdofthree
15901 %    }{%
15902 %      \edef\footdir@abspage{%
15903 %        \zref@extractdefault{\thefootdir@label}{abspage}{0}%
15904 %      }%
15905 %      \ltx@ifundefined{footdir@\footdir@abspage}{%
15906 %        \footdir@debug{\footdir@abspage: else}%
15907 %        \ltx@thirdofthree
15908 %      }{%
15909 %        \if\csname footdir@\footdir@abspage\endcsname L%
15910 %          \footdir@debug{\footdir@abspage: left}%
15911 %          \expandafter\ltx@firstofthree
15912 %        \else
15913 %          \footdir@debug{\footdir@abspage: right}%
15914 %          \expandafter\ltx@secondofthree
15915 %        \fi
15916 %      }%
15917 %    }%
15918 %  }%
15919 %}

```



```

15920 \newcommand*{\footdir@fntext}[1]{%
15921   \zifrefundefined{\thefootdir@label}{%
15922   }{%
15923     \edef\footdir@name{%
15924       footdir@\zref@extractdefault{\thefootdir@label}{abspage}{0}%
15925     }%
15926     \@ifundefined{\footdir@name}{%
15927       \expandafter\gdef\csname\footdir@name\endcsname{#1}%
15928     }{}%
15929   }%
15930 }
15931
15932 \newcommand*{\footdir@temp}[3]{%
15933   \@ifdefinable{#1}{%
15934     \let#1#2%
15935     \renewcommand{#2}[1]{%
15936       \footdir@write
15937       \footdir@fntext{#3}%
15938       \stepcounter{footdir@label}%
15939       \footdir@fntext{#3}%
15940       \footdir@toks{##1}%
15941       \footdir@toks\expandafter{%
15942         \the\expandafter\footdir@toks
15943         \expandafter
15944         \zref@labelbyprops\expandafter{\thefootdir@label}{abspage}%
15945       }%
15946       \expandafter#1\expandafter{\the\footdir@toks}%
15947     }%
15948   }%
15949 }
15950
15951 \def\right@footnoterule{%
15952   \kern-3\p@
15953   \hbox to \columnwidth{\hskip .6\columnwidth \hrulefill }
15954   \kern2.6\p@}
15955 \def\left@footnoterule{\kern-3\p@
15956   \hrule \@width .4\columnwidth \kern 2.6\p@}
15957 \def\textwidth@footnoterule{\kern-3\p@
15958   \hrule \@width \columnwidth \kern 2.6\p@}
15959 \def\leftfootnoterule{%
15960   \bidi@autofootnoterulefalse%
15961   \def\footnoterule{\left@footnoterule}}
15962 \let\LRfootnoterule=\leftfootnoterule
15963 \def\rightfootnoterule{%
15964   \bidi@autofootnoterulefalse%
15965   \def\footnoterule{\right@footnoterule}}
15966 \def\textwidthfootnoterule{%
15967   \bidi@autofootnoterulefalse%
15968   \def\footnoterule{\textwidth@footnoterule}}
15969
15970
15971
15972 \def\auto@footnoterule{%
15973   \footdir@LeftRightElse%

```



```

15974 \left@footnoterule%
15975 \right@footnoterule%
15976 \left@footnoterule%
15977 }
15978
15979
15980
15981 \def\autofootnoterule{%
15982 \bidi@autofootnoteruletrue%
15983 \def\footnoterule{\auto@footnoterule}%
15984 }
15985
15986 \newcommand*\SplitFootnoteRule{%
15987   \gdef\split@prev{0}
15988   \let\pagefootnoterule\footnoterule
15989   \let\mpfootnoterule\footnoterule
15990   \def\splitfootnoterule{\kern-3\p@ \hrule \kern2.6\p@}
15991   \def\footnoterule{\relax
15992     \ifx \@listdepth\@mplistdepth
15993       \mpfootnoterule
15994     \else
15995       \ifnum\split@prev=\z@
15996         \pagefootnoterule
15997       \else
15998         \splitfootnoterule
15999       \fi
16000       \xdef\split@prev{\the\insertpenalties}%
16001     \fi
16002   }%
16003 }
16004
16005
16006
16007
16008 \def\RTLfootnote{\@ifnextchar[\@xRTLfootnote{\stepcounter\@mpfn
16009   \protected@xdef\@thefnmark{\thempfn}%
16010   \@footnotemark\@RTLfootnotetext}}
16011 \def\@xRTLfootnote[#1]{%
16012   \begingroup
16013     \csname c@\@mpfn\endcsname #1\relax
16014     \unrestored@protected@xdef\@thefnmark{\thempfn}%
16015   \endgroup
16016   \@footnotemark\@RTLfootnotetext}
16017 \def\LTRfootnote{\@ifnextchar[\@xLTRfootnote{\stepcounter\@mpfn
16018   \protected@xdef\@thefnmark{\thempfn}%
16019   \@footnotemark\@LTRfootnotetext}}
16020 \def\@xLTRfootnote[#1]{%
16021   \begingroup
16022     \csname c@\@mpfn\endcsname #1\relax
16023     \unrestored@protected@xdef\@thefnmark{\thempfn}%
16024   \endgroup
16025   \@footnotemark\@LTRfootnotetext}
16026
16027

```



```

16028 \def\setfootnoteRL{\@RTLfootnotetrue}
16029 \def\unsetfootnoteRL{\@RTLfootnotefalse}
16030 \def\setfootnoteLR{\unsetfootnoteRL}
16031
16032 \newcommand*{\bidi@footnotetext@font}{\footnotesize}
16033 \newcommand*{\bidi@LTRfootnotetext@font}{\footnotesize}
16034 \newcommand*{\bidi@RTLfootnotetext@font}{\footnotesize}
16035
16036 \long\def\@footnotetext#1{\insert\footins{%
16037   \if@RTLfootnote\@RTLtrue\else\@RTLfalse\fi%
16038   \reset@font%
16039   \bidi@footnotetext@font% \reset@font\footnotesize
16040   \interlinepenalty\interfootnotelinepenalty
16041   \splittopskip\footnotesep
16042   \splitmaxdepth \dp\strutbox \floatingpenalty \@MM
16043   \hsize\columnwidth \@parboxrestore
16044   \protected@edef\@currentlabel{%
16045     \csname p@footnote\endcsname\@thefnmark
16046   }%
16047   \color@begingroup
16048     \makefnintext{%
16049       \rule{z@footnotesep\ignorespaces#1\@finalstrut\strutbox}%
16050     \color@endgroup}}}%
16051
16052
16053 \long\def\@RTLfootnotetext#1{\insert\footins{%
16054   \@RTLtrue%
16055   \reset@font%
16056   \bidi@RTLfootnotetext@font% \reset@font\footnotesize
16057   \interlinepenalty\interfootnotelinepenalty
16058   \splittopskip\footnotesep
16059   \splitmaxdepth \dp\strutbox \floatingpenalty \@MM
16060   \hsize\columnwidth \@parboxrestore
16061   \protected@edef\@currentlabel{%
16062     \csname p@footnote\endcsname\@thefnmark
16063   }%
16064   \color@begingroup
16065     \makefnintext{%
16066       \rule{z@footnotesep\ignorespaces#1\@finalstrut\strutbox}%
16067     \color@endgroup}}}%
16068
16069 \long\def\@LTRfootnotetext#1{\insert\footins{%
16070   \@RTLfalse%
16071   \reset@font%
16072   \bidi@LTRfootnotetext@font% \reset@font\footnotesize
16073   \interlinepenalty\interfootnotelinepenalty
16074   \splittopskip\footnotesep
16075   \splitmaxdepth \dp\strutbox \floatingpenalty \@MM
16076   \hsize\columnwidth \@parboxrestore
16077   \protected@edef\@currentlabel{%
16078     \csname p@footnote\endcsname\@thefnmark
16079   }%
16080   \color@begingroup
16081     \makefnintext{%

```



```

16082      \rule\z@\footnotesep\ignorespaces#1\@finalstrut\strutbox}%
16083      \color@endgroup}}%
16084
16085 \AtBeginDocument{%
16086 \if@RTL@footnote
16087   \newcommand*{\bidi@footdir@footnote}{R}
16088 \else
16089   \newcommand*{\bidi@footdir@footnote}{L}
16090 \fi%
16091 }
16092
16093 \footdir@temp\footdir@ORG@bidi@footnotetext\@footnotetext{\bidi@footdir@footnote}%
16094 \footdir@temp\footdir@ORG@bidi@RTLfootnotetext\@RTLfootnotetext{R}%
16095 \footdir@temp\footdir@ORG@bidi@LTRfootnotetext\@LTRfootnotetext{L}%
16096
16097 \long\def\@mpRTLfootnotetext#1{%
16098   \ifbidi@autofootnoterule\ifnum\c@mpfootnote=\@ne\global\let\bidi@mpfootnoterule\right@footnoterule%
16099   \global\setbox\@mpfootins\vbox{%
16100     \unvbox\@mpfootins
16101     \@RTLtrue
16102     \reset@font%
16103     \bidi@@RTLfootnotetext@font% \reset@font\footnotesize
16104     \hsize\columnwidth
16105     \@parboxrestore
16106     \protected@edef\@currentlabel
16107       {\csname p@mpfootnote\endcsname\@thefnmark}%
16108     \color@begingroup
16109     \@makefntext{%
16110       \rule\z@\footnotesep\ignorespaces#1\@finalstrut\strutbox}%
16111     \color@endgroup}}
16112 \long\def\@mpLTRfootnotetext#1{%
16113   \ifbidi@autofootnoterule\ifnum\c@mpfootnote=\@ne\global\let\bidi@mpfootnoterule\left@footnoterule%
16114   \global\setbox\@mpfootins\vbox{%
16115     \unvbox\@mpfootins
16116     \@RTLfalse
16117     \reset@font%
16118     \bidi@@LTRfootnotetext@font% \reset@font\footnotesize
16119     \hsize\columnwidth
16120     \@parboxrestore
16121     \protected@edef\@currentlabel
16122       {\csname p@mpfootnote\endcsname\@thefnmark}%
16123     \color@begingroup
16124     \@makefntext{%
16125       \rule\z@\footnotesep\ignorespaces#1\@finalstrut\strutbox}%
16126     \color@endgroup}}
16127 \long\def\@mpfootnotetext#1{%
16128   \ifbidi@autofootnoterule\ifnum\c@mpfootnote=\@ne\if@RTL@footnote\global\let\bidi@mpfootnoterule\right@footnoterule%
16129   \global\setbox\@mpfootins\vbox{%
16130     \unvbox\@mpfootins
16131     \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi
16132     \reset@font%
16133     \bidi@@footnotetext@font% \reset@font\footnotesize
16134     \hsize\columnwidth
16135     \@parboxrestore

```



```

16136 \protected@edef\@currentlabel
16137 {\csname p@mpfootnote\endcsname\@thefnmark}%
16138 \color@begingroup
16139 \makefnmark{%
16140 \rule{z@footnotesep}{\ignorespaces#1\@finalstrut\strutbox}}%
16141 \color@endgroup}}
16142 \def\@iiiminipage#1#2[#3]#4{%
16143 \leavevmode
16144 \@pboxswfalse
16145 \if@hboxRconstruct\@bidi@list@minipage@parbox@not@nobtrue\fi
16146 \if@RTL\if#1t\@bidi@list@minipage@parboxtrue\else\if#1b\@bidi@list@minipage@parboxtrue\fi
16147 \setlength\@tempdima{#4}%
16148 \def\@mpargs{{#1}{#2}{#3}{#4}}%
16149 \setbox\@tempboxa\vbox\bgroup
16150 \color@begingroup
16151 \hsize\@tempdima
16152 \textwidth\hsize \columnwidth\hsize
16153 \@parboxrestore
16154 \def\@mpfn{mpfootnote}\def\thempfn{\thempfootnote}\c@mpfootnote\z@
16155 \let\@footnotetext\@mpfootnotetext
16156 \let\@LTRfootnotetext\@mpLTRfootnotetext
16157 \let\@RTLfootnotetext\@mpRTLfootnotetext
16158 \let\@listdepth\@mplistdepth \@mplistdepth\z@
16159 \@minipagerestore
16160 \@setminipage}
16161 \def\endminipage{%
16162 \par
16163 \unskip
16164 \ifvoid\@mpfootins\else
16165 \vskip\skip\@mpfootins
16166 \normalcolor
16167 \bidi@mpfootnoterule
16168 \unvbox\@mpfootins
16169 \fi
16170 \@minipagefalse %% added 24 May 89
16171 \color@endgroup
16172 \egroup
16173 \expandafter\@iiiparbox\@mpargs{\unvbox\@tempboxa}}
16174 \def\LTRthanks#1{\footnotemark
16175 \protected@xdef\@thanks{\@thanks
16176 \protect\LTRfootnotetext[\the\c@footnote]{#1}}%
16177 }
16178 \def\LTRfootnotetext{%
16179 \@ifnextchar [\@xLTRfootnotenext
16180 {\protected@xdef\@thefnmark{\thempfn}%
16181 \@LTRfootnotetext}}
16182 \def\@xLTRfootnotenext[#1]{%
16183 \begingroup
16184 \csname c@\@mpfn\endcsname #1\relax
16185 \unrestored@protected@xdef\@thefnmark{\thempfn}%
16186 \endgroup
16187 \@LTRfootnotetext}
16188 \def\RTLthanks#1{\footnotemark
16189 \protected@xdef\@thanks{\@thanks

```



```

16190      \protect\RTLfootnotetext[\the\c@footnote]{#1}}%
16191 }
16192 \let\@thanks\@empty
16193 \def\RTLfootnotetext{%
16194     \@ifnextchar [\@xRTLfootnotenext
16195     {\protected@xdef\@thefnmark{\thempfn}%
16196     \@RTLfootnotetext}}
16197 \def\@xRTLfootnotenext[#1]{%
16198     \begingroup
16199     \csname c@\@mpfn\endcsname #1\relax
16200     \unrestored@protected@xdef\@thefnmark{\thempfn}%
16201     \endgroup
16202     \@RTLfootnotetext}
16203 \leftfootnoterule

```

## 96 File footnotebackref-xetex-bidi.def

```

16204 \ProvidesFile{footnotebackref-xetex-bidi.def}[2022/02/18 v0.1 bidi adaptations for footnoteb
16205 \LetLtxMacro{\BHFN@OldLTRFootnote}{\LTRfootnote}
16206 \LetLtxMacro{\BHFN@OldRTLFootnote}{\RTLfootnote}
16207
16208 \renewcommand*\LTRfootnote{%
16209     \refstepcounter{BackrefHyperFootnoteCounter}%
16210     \edef\BackrefFootnoteTag{bhfn:\theBackrefHyperFootnoteCounter}%
16211     \label{\BackrefFootnoteTag}%
16212     \@ifnextchar [\Backref@OptLTRHyperFootnote\Backref@HyperLTRFootnote}
16213
16214 \renewcommand*\RTLfootnote{%
16215     \refstepcounter{BackrefHyperFootnoteCounter}%
16216     \edef\BackrefFootnoteTag{bhfn:\theBackrefHyperFootnoteCounter}%
16217     \label{\BackrefFootnoteTag}%
16218     \@ifnextchar [\Backref@OptRTLHyperFootnote\Backref@HyperRTLFootnote}
16219 \newcommand\Backref@HyperLTRFootnote[1]{%
16220     \BHFN@OldLTRFootnote{\Backref@HyperSymbol#1}}
16221
16222 \newcommand\Backref@HyperRTLFootnote[1]{%
16223     \BHFN@OldRTLFootnote{\Backref@HyperSymbol#1}}
16224
16225 \newcommand\Backref@OptHyperLTRFootnote[2][\empty]{%
16226     \BHFN@OldLTRFootnote[#1]{\Backref@HyperSymbol#2}}
16227
16228 \newcommand\Backref@OptHyperRTLFootnote[2][\empty]{%
16229     \BHFN@OldRTLFootnote[#1]{\Backref@HyperSymbol#2}}
16230
16231 \bidi@AfterFile{extrafootnotefeatures-xetex-bidi.def}{%
16232 \ifFootnoteBackref@numberlinked
16233 \renewcommand{\footfootmark}{%
16234     \ifdim\footmarkwidth < \z@
16235         \llap{\hb@xt@ -\footmarkwidth{%
16236             \hss\normalfont\footscript{\hyperref[\BackrefFootnoteTag]{\@thefnmark}}}%
16237             \hspace*{-\footmarkwidth}}}%
16238     \else
16239         \ifdim\footmarkwidth = \z@
16240             {\normalfont\footscript{\hyperref[\BackrefFootnoteTag]{\@thefnmark}}}%

```



```

16241 \else
16242 \hb@xt@\footmarkwidth{\hss\normalfont\footscript{\hyperref[\BackrefFootnoteTag]{\@thefnmark}}}%
16243 \fi
16244 \fi}
16245 \renewcommand{\LTRfootfootmark}{%
16246 \ifdim\footmarkwidth < \z@
16247 \llap{\hb@xt@-\footmarkwidth{%
16248 \hss\normalfont\LTRfootscript{\hyperref[\BackrefFootnoteTag]{\@thefnmark}}}%
16249 \hspace*{-\footmarkwidth}}}%
16250 \else
16251 \ifdim\footmarkwidth = \z@
16252 {\normalfont\LTRfootscript{\hyperref[\BackrefFootnoteTag]{\@thefnmark}}}%
16253 \else
16254 \hb@xt@\footmarkwidth{\hss\normalfont\LTRfootscript{\hyperref[\BackrefFootnoteTag]{\@thefnmark}}}%
16255 \fi
16256 \fi}
16257 \renewcommand{\RTLfootfootmark}{%
16258 \ifdim\footmarkwidth < \z@
16259 \llap{\hb@xt@-\footmarkwidth{%
16260 \hss\normalfont\RTLfootscript{\hyperref[\BackrefFootnoteTag]{\@thefnmark}}}%
16261 \hspace*{-\footmarkwidth}}}%
16262 \else
16263 \ifdim\footmarkwidth = \z@
16264 {\normalfont\RTLfootscript{\hyperref[\BackrefFootnoteTag]{\@thefnmark}}}%
16265 \else
16266 \hb@xt@\footmarkwidth{\hss\normalfont\RTLfootscript{\hyperref[\BackrefFootnoteTag]{\@thefnmark}}}%
16267 \fi
16268 \fi}
16269 \fi
16270 }

```

## 97 File framed-xetex-bidi.def

```

16271 \ProvidesFile{framed-xetex-bidi.def}[2012/06/05 v0.3 bidi adaptations for framed package for xetex]
16272 \renewcommand\TitleBarFrame[3][\begingroup
16273 \ifx\delimiter#1\delimiter
16274 \let\TF@conlab\@empty
16275 \else
16276 \def\TF@conlab{% continuation label
16277 \nointerlineskip
16278 \smash{\rlap{\kern\wd@tempboxa\kern\fbboxrule\kern\fbboxsep #1}}}%
16279 \fi
16280 %\let\TF@savecolor\current@color
16281 \textcolor{TFFrameColor}{%
16282 \CustomFBox
16283 {\TF@Title{#2}}{\TF@conlab}%
16284 \fbboxrule\fbboxrule\fbboxrule\fbboxrule
16285 %{\let\current@color\TF@savecolor\set@color #3}%
16286 {\normalcolor #3}%
16287 }\endgroup
16288 }
16289 \renewenvironment{titled-frame}[1]{%
16290 \def\FrameCommand{\fbboxsep8pt\fbboxrule2pt
16291 \TitleBarFrame{\textbf{#1}}}%

```



```

16292 \def\FirstFrameCommand{\fboxsep8pt\fboxrule2pt
16293 \TitleBarFrame[\if@RTL\blacktriangleleft\else\blacktriangleright\fi$]{\textbf{#1}}}%
16294 \def\MidFrameCommand{\fboxsep8pt\fboxrule2pt
16295 \TitleBarFrame[\if@RTL\blacktriangleleft\else\blacktriangleright\fi$]{\textbf{#1} (con
16296 \def\LastFrameCommand{\fboxsep8pt\fboxrule2pt
16297 \TitleBarFrame{\textbf{#1} (cont)}}}%
16298 \MakeFramed{\advance\hsize-20pt \FrameRestore}}%
16299 % note: 8 + 2 + 8 + 2 = 20. Don't use \width because the frame title
16300 % could interfere with the width measurement.
16301 {\endMakeFramed}
16302 \chardef\FrameRestore=\catcode`\| % for debug
16303 \catcode`\|=\catcode`\% % (debug: insert space after backslash)
16304 \def\fb@put@frame#1#2{\relax
16305 \ifdim\pagegoal=\maxdimen \pagegoal\vsize \fi
16306 | \message{===== Entering putframe =====^~J
16307 | \pagegoal=\the\pagegoal, \pagetotal=\the\pagetotal.}%
16308 \ifinner
16309 \fb@putboxa#1%
16310 \fb@afterframe
16311 \else
16312 \dimen@\pagegoal \advance\dimen@-\pagetotal % natural space left on page
16313 \ifdim\dimen@<2\baselineskip % Too little room on page
16314 | \message{Page has only \the\dimen@space room left; eject.}%
16315 \eject \fb@adjheight \fb@put@frame#1#2%
16316 \else % there's appreciable room left on the page
16317 \fb@sizeofframe#1%
16318 | \message{\string\pagetotal=\the\pagetotal,
16319 | \string\pagegoal=\the\pagegoal,
16320 | \string\pagestretch=\the\pagestretch,
16321 | \string\pageshrink=\the\pageshrink,
16322 | \string\fb@frh=\the\fb@frh. \space}
16323 | \message{^^JBox of size \the\ht\@tempboxa\space}%
16324 \begingroup % temporarily set \dimen@ to be...
16325 \advance\dimen@.8\pageshrink % maximum space available on page
16326 \advance\dimen@-\fb@frh\relax % max space available for frame's contents
16327 %%% LOOKS SUBTRACTED AND ADDED, SO DOUBLE ACCOUNTING!
16328 \expandafter\endgroup
16329 % expand \ifdim, then restore \dimen@ to real room left on page
16330 \ifdim\dimen@>\ht\@tempboxa % whole box does fit
16331 | \message{fits in \the\dimen@.}%
16332 % ToDo: Change this to use vsplit anyway to capture the marks
16333 % MERGE THIS WITH THE else CLAUSE!!!
16334 \fb@putboxa#1%
16335 \fb@afterframe
16336 \else % box must be split
16337 | \message{must be split to fit in \the\dimen@.}%
16338 % update frame measurement to use \FirstFrameCommand or \MidFrameCommand
16339 \fb@sizeofframe#2%
16340 \setbox\@tempboxa\vbox{% simulate frame and flexibility of the page:
16341 \vskip \fb@frh \@plus\pagestretch \@minus.8\pageshrink
16342 \kern137sp\kern-137sp\penalty-30
16343 \unvbox\@tempboxa}%
16344 \edef\fb@resto@set{\boxmaxdepth\the\boxmaxdepth
16345 \splittopskip\the\splittopskip}%

```



```

16346 \boxmaxdepth\z@ \splittopskip\z@
16347 | \message{^^JPadded box of size \the\ht\@tempboxa\space split to \the\dimen@}%
16348 % Split box here
16349 \setbox\tw@\vsplit\@tempboxa to\dimen@
16350 | \toks99\expandafter{\splitfirstmark}%
16351 | \toks98\expandafter{\splitbotmark}%
16352 | \message{Marks are: \the\toks99, \the\toks98. }%
16353 \setbox\tw@\vbox{\unvbox\tw@}% natural-sized
16354 | \message{Natural height of split box is \the\ht\tw@, leaving
16355 | \the\ht\@tempboxa\space remainder. }%
16356 % If the split-to size > (\vsize-\topskip), then set box to full size.
16357 \begingroup
16358 \advance\dimen@\topskip
16359 \expandafter\endgroup
16360 \ifdim\dimen@>\pagegoal
16361 | \message{Frame is big -- Use up the full column. }%
16362 \dimen@ii\pagegoal
16363 \advance\dimen@ii -\topskip
16364 \advance\dimen@ii \FrameHeightAdjust\relax
16365 \else % suspect this is implemented incorrectly:
16366 % If the split-to size > feasible room_on_page, rebox it smaller.
16367 \advance\dimen@.8\pageshrink
16368 \ifdim\ht\tw@>\dimen@
16369 | \message{Box too tall; rebox it to \the\dimen@. }%
16370 \dimen@ii\dimen@
16371 \else % use natural size
16372 \dimen@ii\ht\tw@
16373 \fi
16374 \fi
16375 % Re-box contents to desired size \dimen@ii
16376 \advance\dimen@ii -\fb@frh
16377 \setbox\tw@\vbox to\dimen@ii \bgroup
16378 % remove simulated frame and page flexibility:
16379 \vskip -\fb@frh \@plus-\pagestretch \@minus-.8\pageshrink
16380 \unvbox\tw@ \unpenalty\unpenalty
16381 \ifdim\lastkern=-137sp % whole box went to next page
16382 | \message{box split at beginning! }%
16383 % need work here???
16384 \egroup \fb@resto@set \eject % (\vskip for frame size was discarded)
16385 \fb@adjheight
16386 \fb@put@frame#1#2% INSERTED ???
16387 \else % Got material split off at the head
16388 \egroup \fb@resto@set
16389 \ifvoid\@tempboxa % it all fit after all
16390 | \message{box split at end! }%
16391 \setbox\@tempboxa\box\tw@
16392 \fb@putboxa#1%
16393 \fb@afterframe
16394 \else % it really did split
16395 | \message{box split as expected. Its reboxed height is \the\ht\tw@. }%
16396 \ifdim\wd\tw@>\z@
16397 \wd\tw@\wd\@tempboxa
16398 \centerline{#2{\hboxL{\box\tw@}}}% ??? \centerline bad idea
16399 \else

```



```

16400 |           \message{Zero width means likely blank. Don't frame it (guess)}%
16401 |           \box\tw@
16402 |           \fi
16403 |           \hrule \@height\z@ \@width\hsize
16404 |           \eject
16405 |           \fb@adjheight
16406 |           \fb@put@frame\LastFrameCommand\MidFrameCommand
16407 | \fi\fi\fi\fi\fi
16408 }
16409 \def\fb@putboxa#1{%
16410 \ifvoid\@tempboxa
16411 \PackageWarning{framed}{Boxa is void -- discard it. }%
16412 \else
16413 | \message{Frame and place boxa. }%
16414 | %{\showoutput\showbox\@tempboxa}%
16415 | \centerline{#1{\hboxL{\box\@tempboxa}}}%
16416 | \fi
16417 }
16418 \catcode`\|=\FrameRestore
16419 \def\FrameRestore{%
16420 \let\if@nobreak\iffalse
16421 \let\if@noskipsec\iffalse
16422 \let\-\@dischyp
16423 \let'\@acci\let'\@accii\let\=\@acciii
16424 % \message{FrameRestore:
16425 % \totalleftmargin=\the \@totalleftmargin,
16426 % \rightmargin=\the\rightmargin,
16427 % \listdepth=\the\listdepth. }%
16428 % Test if we are in a list (or list-like paragraph)
16429 \ifnum \ifdim\@totalleftmargin>\z@ 1\fi
16430 \ifdim\rightmargin>\z@ 1\fi
16431 \ifnum\listdepth>\z@ 1\fi 0>\z@
16432 % \message{In a list: \linewidth=\the\linewidth, \@totalleftmargin=\the\@totalleftmargin,
16433 % \parshape=\the\parshape, \columnwidth=\the\columnwidth, \hsize=\the\hsize,
16434 % \labelwidth=\the\labelwidth. }%
16435 \setminipage % snug fit around the item
16436 % Now try to propagate changes of width from \hsize to list parameters.
16437 % This is deficient, but a more advanced way to indicate modification to text
16438 % dimensions is not (yet) provided; in particular, no separate left/right
16439 % adjustment.
16440 \advance\linewidth-\columnwidth \advance\linewidth\hsize
16441 \parshape\@ne \@totalleftmargin \linewidth
16442 \else % Not in list
16443 \linewidth=\hsize
16444 %\message{No list, set \string\linewidth=\the\hsize. }%
16445 \fi
16446 \sloppy
16447 }

```

## 98 File ftnright-xetex-bidi.def

```

16448 \ProvidesFile{ftnright-xetex-bidi.def}[2018/09/29 v0.6 bidi adaptations for ftnright package]
16449
16450 \def\prepare@bidi@copyins{%

```



```

16451 \global\bidircol@copyinsskip\skip\@bidi@copyins@
16452 \global\skip\@bidi@copyins@\z@
16453 \global\count\@bidi@copyins@\z@
16454 \global\dimen\@bidi@copyins@\textheight}
16455
16456 \newskip\bidircol@copyinsskip
16457
16458 \def\LTR@outputdblcol{%
16459   \if@firstcolumn
16460     \global\@firstcolumnfalse
16461     \global\setbox\@leftcolumn\copy\@outputbox
16462     \global\count\footins\@m
16463     \global\skip\footins\rcol@footinsskip
16464     \global\count\@bidi@copyins@\@m
16465     \global\skip\@bidi@copyins@\bidircol@copyinsskip
16466     \splitmaxdepth\maxdimen
16467     \vbadness\maxdimen
16468     \setbox\@outputbox\vbox{\unvbox\@outputbox\unskip}%
16469     \setbox\@outputbox\vsplit\@outputbox to\maxdimen
16470     \toks@\expandafter{\topmark}%
16471     \xdef\@firstcoltopmark{\the\toks@}%
16472     \toks@\expandafter{\splitfirstmark}%
16473     \xdef\@firstcolfirstmark{\the\toks@}%
16474     \ifx\@firstcolfirstmark\@empty
16475       \global\let\@setmarks\relax
16476     \else
16477       \gdef\@setmarks{%
16478         \let\firstmark\@firstcolfirstmark
16479         \let\topmark\@firstcoltopmark}%
16480     \fi
16481   \else
16482     \preparefootins
16483     \prepare@bidi@copyins
16484     \global\@firstcolumntrue
16485     \setbox\@outputbox\vbox{%
16486       \hb@xt@\textwidth{%
16487         \hb@xt@\columnwidth{%
16488           \bidi@firstcolumn@status@write%
16489           \box\@leftcolumn \hss}%
16490         \hfil
16491         {\normalcolor\vrule \@width\columnseprule}%
16492         \hfil
16493         \hb@xt@\columnwidth{%
16494           \bidi@lastcolumn@status@write%
16495           \box\@outputbox \hss}}}%
16496   \@combinedblfloats
16497   \@setmarks
16498   \@outputpage
16499   \begingroup
16500     \@dblfloatplacement
16501     \@startdblcolumn
16502     \@whilesw\if@fcolmade \fi{\@outputpage
16503       \@startdblcolumn}%
16504   \endgroup

```



```

16505 \fi}%
16506
16507 \def\RTL@outputdblcol{%
16508 \if@firstcolumn
16509 \global\@firstcolumnfalse
16510 \global\setbox\@leftcolumn\copy\@outputbox
16511 \global\count\footins\@m
16512 \global\skip\footins\rcol@footinsskip
16513 \global\count\@bidi@copyins\@m
16514 \global\skip\@bidi@copyins\@bidi@rcol@copyinsskip
16515 \splitmaxdepth\maxdimen
16516 \vbadness\maxdimen
16517 \setbox\@outputbox\vbox{\unvbox\@outputbox\unskip}%
16518 \setbox\@outputbox\vsplit\@outputbox to\maxdimen
16519 \toks@{\expandafter{\topmark}}%
16520 \xdef\@firstcoltopmark{\the\toks@}%
16521 \toks@{\expandafter{\splitfirstmark}}%
16522 \xdef\@firstcolfirstmark{\the\toks@}%
16523 \ifx\@firstcolfirstmark\empty
16524 \global\let\@setmarks\relax
16525 \else
16526 \gdef\@setmarks{%
16527 \let\firstmark\@firstcolfirstmark
16528 \let\topmark\@firstcoltopmark}%
16529 \fi
16530 \else
16531 \preparefootins
16532 \prepare@bidi@copyins
16533 \global\@firstcolumntrue
16534 \setbox\@outputbox\vbox{%
16535 \hb@xt@\textwidth{%
16536 \hskip \columnwidth
16537 \hfil
16538 {\normalcolor\vrule \@width\columnseprule}}%
16539 \hfil
16540 \hb@xt@\columnwidth{%
16541 \bidi@firstcolumn@status@write%
16542 \box\@leftcolumn \hss}%
16543 \hskip -\textwidth
16544 \hb@xt@\columnwidth{%
16545 \bidi@lastcolumn@status@write%
16546 \box\@outputbox \hss}%
16547 \hskip \columnsep
16548 \hskip \columnwidth }}%
16549 \@combinedblfloats
16550 \@setmarks
16551 \@outputpage
16552 \begingroup
16553 \@dblfloatplacement
16554 \@startdblcolumn
16555 \@whilesw\if@fcolmade \fi{\@outputpage
16556 \@startdblcolumn}%
16557 \endgroup
16558 \fi}%

```



```

16559
16560 \def\@startcolumn{%
16561   \ifx\@deferlist\@empty
16562     \global\@fcolmadefalse
16563     \global\@colroom\@colht
16564   \else
16565     \ifvoid\footins\else
16566       \ftn@amount\ht\footins
16567       \advance\ftn@amount\dp\footins
16568       \advance\ftn@amount\skip\footins
16569     \fi
16570     \ifvoid\@bidi@copyins\else
16571       \bidi@copyins@amount\ht\@bidi@copyins@
16572       \advance\bidi@copyins@amount\dp\@bidi@copyins@
16573       \advance\bidi@copyins@amount\skip\@bidi@copyins@
16574     \fi
16575     \global\advance\@colht-\ftn@amount
16576     \global\advance\@colht-\bidi@copyins@amount
16577     \global\@colroom\@colht
16578     \@xstartcol
16579     \global\advance\@colht\ftn@amount
16580     \global\advance\@colroom\ftn@amount
16581     \global\advance\@colht\bidi@copyins@amount
16582     \global\advance\@colroom\bidi@copyins@amount
16583   \fi
16584   \if@fcolmade
16585     \setbox\@cclv\box\@outputbox
16586     \@makecol
16587   \else
16588     \ifvoid\footins\else
16589       \insert\footins{\unvbox\footins}\fi
16590     \ifvoid\@bidi@copyins\else
16591       \insert\@bidi@copyins{\unvbox\@bidi@copyins}\fi
16592   \fi}
16593
16594 \newdimen\bidi@copyins@amount
16595
16596 \def\@makecol{\if@firstcolumn
16597   \setbox\@outputbox\box\@cclv
16598   \if@twocolumn \else
16599     \ifvoid\footins \else
16600       \@latexerr{ftnright package
16601         used in one-column mode}%
16602     {The ftnright package was designed to
16603     work with LaTeX's standard^^Jtwocolumn
16604     option. It does *not* work with the
16605     multicol package.^^JSo please specify
16606     `twocolumn' in the
16607     \noexpand\documentclass command.}%
16608     \shipout\box\footins \fi
16609     \ifvoid\@bidi@copyins \else
16610       \@latexerr{ftnright package
16611         used in one-column mode}%
16612     {The ftnright package was designed to

```



```

16613     work with LaTeX's standard^^Jtwocolumn
16614     option. It does *not* work with the
16615     multicol package.^^JSo please specify
16616     `twocolumn' in the
16617     \noexpand\documentclass command.}%
16618     \shipout\box\@bidi@copyins@ \fi\fi
16619 \ifnum\insertpenalties>\z@
16620     \@latexerr{ftnright package
16621         scrambled footnotes}%
16622     {There is too much footnote material in
16623     the first column and ftnright^^Jis
16624     unable to cope with this.^^JYou need
16625     to reduce the amount to get a properly
16626     formatted page.}%
16627 \fi
16628 \else
16629 \ifvoid\footins
16630     \ifvoid\@bidi@copyins@
16631         \setbox\@outputbox\box\@cclv
16632     \else
16633         \setbox\@outputbox\vbox
16634         {\ifvoid\@cclv \else
16635             \unvbox\@cclv
16636             \vskip \skip\@bidi@copyins@
16637         \fi
16638         \color@begingroup
16639         \normalcolor
16640         \unvbox \@bidi@copyins@
16641         \color@endgroup}%
16642 \fi
16643 \else
16644     \setbox\@outputbox\vbox
16645     {\ifvoid\@cclv \else
16646         \unvbox\@cclv
16647         \vskip\skip\footins\fi
16648         \color@begingroup
16649         \normalcolor
16650         \footnoterule\unvbox\footins
16651         \color@endgroup
16652         \ifvoid\@bidi@copyins@
16653         \else
16654             \vskip \skip\@bidi@copyins@
16655             \color@begingroup
16656             \normalcolor
16657             \unvbox \@bidi@copyins@
16658             \color@endgroup
16659         \fi
16660     }%
16661 \fi
16662 \fi
16663 \xdef\@freelist{\@freelist\@midlist}%
16664 \global \let \@midlist \@empty
16665 \@combinefloats
16666 \ifvbox\@kludgeins

```



```

16667 \makespecialcolbox
16668 \else
16669 \setbox\@outputbox\vbox to\@colht
16670 {\boxmaxdepth\maxdepth
16671 \@texttop
16672 \@tempdima\dp\@outputbox
16673 \unvbox\@outputbox
16674 \vskip-\@tempdima
16675 \@textbottom}%
16676 \fi
16677 \global\maxdepth\@maxdepth}
16678
16679 \let\leftfootnoterule\@empty
16680 \let\rightfootnoterule\@empty
16681 \let\textwidthfootnoterule\@empty
16682 \let\autofootnoterule\@empty
16683 \let\footnoterule\@empty
16684 \long\def\@makefntext#1{\parindent 1em
16685 \noindent\hbox to 2em{}}%
16686 \llap{\@thefnmark\hbox{.}\,\,\,}#1}
16687
16688 \setlength{\skip\@bidi@copyins@}
16689 {10pt plus 5pt minus 3pt}
16690 \AtBeginDocument{\prepare@bidi@copyins}

```

## 99 File graphicx-xetex-bidi.def

```

16691 \ProvidesFile{graphicx-xetex-bidi.def}[2017/06/17 v0.5 bidi adaptations for graphicx package]
16692 \def\Grot@box@std#1#2{\ifmmode\else\if@RTL\beginL\fi\fi%
16693 \Grot@setangle{#1}}%
16694 \setbox\z@\hbox{\ifmmode\if@RTL\beginR\fi#2\if@RTL\endR\fi\else\if@RTL\beginR\fi#2\if@RTL\endR\fi}%
16695 \Grot@x\z@
16696 \Grot@y\z@
16697 \Grot@box\ifmmode\else\if@RTL\endL\fi\fi}
16698 \long\def\Grot@box@kv[#1]#2#3{\ifmmode\else\if@RTL\beginL\fi\fi%
16699 \@begin@tempboxa\hbox{\ifmmode\if@RTL\beginR\fi#3\if@RTL\endR\fi\else\if@RTL\beginR\fi#3\if@RTL\endR\fi}%
16700 \Grot@x\width \divide\Grot@x\tw@
16701 \Grot@y\height \advance\Grot@y-\depth \divide\Grot@y\tw@
16702 \setkeys{Grot}{#1}}%
16703 \setbox\z@\box\@tempboxa
16704 \Grot@setangle{#2}}%
16705 \Grot@box\ifmmode\else\if@RTL\endL\fi\fi
16706 \@end@tempboxa}
16707 \long\def\Gscale@box#1[#2]#3{\ifmmode\else\if@RTL\beginL\fi\fi%
16708 \leavevmode
16709 \def\Gscale@x{#1}\def\Gscale@y{#2}}%
16710 \setbox\z@\hbox{{#3}}%
16711 \setbox\tw@\hbox{\Gscale@start\rlap{\copy\z@}\Gscale@end}%
16712 \ifdim#2\p@<\z@
16713 \ht\tw@-#2\dp\z@
16714 \dp\tw@-#2\ht\z@
16715 \else
16716 \ht\tw@#2\ht\z@
16717 \dp\tw@#2\dp\z@

```



```

16718 \fi
16719 \ifdim#1\p@<\z@
16720 \hb@xt@-#1\wd\z@{\kern-#1\wd\z@\box\tw@hss}%
16721 \else
16722 \wd\tw@#1\wd\z@
16723 \box\tw@
16724 \fi\ifmmode\else\if@RTL\endL\fi\fi}
16725 \def\Gin@iii[#1,#2][#3,#4]#5{%
16726 \beginingroup
16727 \ifmmode\else\if@RTL\beginL\fi\fi
16728 \Gin@bboxtrue
16729 \Gin@defaultbp\Gin@llx{#1}%
16730 \Gin@defaultbp\Gin@lly{#2}%
16731 \Gin@defaultbp\Gin@urx{#3}%
16732 \Gin@defaultbp\Gin@ury{#4}%
16733 \Gininclude@graphics{#5}%
16734 \ifmmode\else\if@RTL\endL\fi\fi
16735 \endgroup}
16736 \def\Gin@ii[#1]#2{%
16737 \def\@tempa{[]}\def\@tempb{#2}%
16738 \ifx\@tempa\@tempb
16739 \def\@tempa{\Gin@iii[#1] []}%
16740 \expandafter\@tempa
16741 \else
16742 \beginingroup
16743 \ifmmode\else\if@RTL\beginL\fi\fi
16744 \@tempswafalse
16745 \toks@{\Gininclude@graphics{#2}}%
16746 \setkeys{Gin}{#1}%
16747 \Gin@esetsize
16748 \the\toks@
16749 \ifmmode\else\if@RTL\endL\fi\fi
16750 \endgroup
16751 \fi}
16752 \def\reflectbox{\bidiGscale@box-1[1]}
16753 \long\def\bidiGscale@box#1[#2]#3{\ifmmode\else\if@RTL\beginL\fi\fi%
16754 \leavevmode
16755 \def\Gscale@x{#1}\def\Gscale@y{#2}%
16756 \setbox\z@\hbox{\ifmmode\if@RTL\beginR\fi#3\if@RTL\endR\fi\else\if@RTL\beginR\fi#3\if@RTL
16757 \setbox\tw@\hbox{\Gscale@start\rlap{\copy\z@}\Gscale@end}%
16758 \ifdim#2\p@<\z@
16759 \ht\tw@-#2\dp\z@
16760 \dp\tw@-#2\ht\z@
16761 \else
16762 \ht\tw@#2\ht\z@
16763 \dp\tw@#2\dp\z@
16764 \fi
16765 \ifdim#1\p@<\z@
16766 \hb@xt@-#1\wd\z@{\kern-#1\wd\z@\box\tw@hss}%
16767 \else
16768 \wd\tw@#1\wd\z@
16769 \box\tw@
16770 \fi\ifmmode\else\if@RTL\endL\fi\fi}
16771 \def\scalebox#1{%

```



```

16772 \@ifnextchar[{\bidiGscale@box{#1}}{\bidiGscale@box{#1}[#1]}}
16773 \def\resizebox{%
16774 \leavevmode
16775 \@ifstar{\bidiGscale@@box\totalheight}{\bidiGscale@@box\height}}
16776 \def\bidiGscale@@box#1#2#3{%
16777 \let\@tempa\Gin@exclamation
16778 \expandafter\def\expandafter\@tempb\expandafter{\string#2}%
16779 \expandafter\def\expandafter\@tempc\expandafter{\string#3}%
16780 \ifx\@tempb\@tempa
16781 \ifx\@tempc\@tempa
16782 \toks@{\mbox}%
16783 \else
16784 \toks@{\bidiGscale@box@dd{#3}#1}%
16785 \fi
16786 \else
16787 \ifx\@tempc\@tempa
16788 \toks@{\bidiGscale@box@dd{#2}\width}%
16789 \else
16790 \toks@{\bidiGscale@box@dddd{#2}\width{#3}#1}%
16791 \fi
16792 \fi
16793 \the\toks@}
16794 \long\def\bidiGscale@box@dd#1#2#3{%
16795 \@begin@tempboxa\hbox{\ifmmode\if@RTL\beginR\fi#3\if@RTL\endR\fi\else\if@RTL\beginR\fi#3\if@RTL\endR\fi}%
16796 \setlength\@tempdima{#1}%
16797 \setlength\@tempdimb{#2}%
16798 \Gscale@div\@tempa\@tempdima\@tempdimb
16799 \Gscale@box\@tempa[\@tempa]{\box\@tempboxa}%
16800 \@end@tempboxa}
16801 \long\def\bidiGscale@box@dddd#1#2#3#4#5{%
16802 \@begin@tempboxa\hbox{\ifmmode\if@RTL\beginR\fi#5\if@RTL\endR\fi\else\if@RTL\beginR\fi#5\if@RTL\endR\fi}%
16803 \setlength\@tempdima{#1}%
16804 \setlength\@tempdimb{#2}%
16805 \Gscale@div\@tempa\@tempdima\@tempdimb
16806 \setlength\@tempdima{#3}%
16807 \setlength\@tempdimb{#4}%
16808 \Gscale@div\@tempb\@tempdima\@tempdimb
16809 \ifGin@iso
16810 \ifdim\@tempa\p>\@tempb\p@
16811 \let\@tempa\@tempb
16812 \else
16813 \let\@tempb\@tempa
16814 \fi
16815 \fi
16816 \Gscale@box\@tempa[\@tempb]{\box\@tempboxa}%
16817 \@end@tempboxa}

```

## 100 File geometry-xetex-bidi.def

```

16818 \ProvidesFile{geometry-xetex-bidi.def}[2017/01/14 v0.2 bidi adaptations for geometry package]
16819 \renewcommand*{\Gm@vrules@mpi}{%
16820 \if@RTLmain%
16821 \hb@xt@\@tempdima{\hskip-\marginparwidth\hskip-\marginparsep
16822 \llap{\Gm@vrule}\ignorespaces

```



```

16823         \hskip \marginparwidth\rlap{\Gm@vrule}\hskip \marginparsep
16824         \llap{\Gm@vrule}\hskip\textwidth\rlap{\Gm@vrule}\hss}%
16825     \else%
16826     \hb@xt@{\@tempdima{\llap{\Gm@vrule}\ignorespaces
16827     \hskip \textwidth\Gm@vrule\hskip \marginparsep
16828     \llap{\Gm@vrule}\hfil\Gm@vrule}\fi}%
16829 \renewcommand*{\Gm@vrules@mpii}{%
16830 \if@RTLmain%
16831     \hb@xt@{\@tempdima{\llap{\Gm@vrule}\ignorespaces
16832     \hskip \textwidth\Gm@vrule\hskip \marginparsep
16833     \llap{\Gm@vrule}\hfil\Gm@vrule}%
16834 \else%
16835     \hb@xt@{\@tempdima{\hskip-\marginparwidth\hskip-\marginparsep
16836     \llap{\Gm@vrule}\ignorespaces
16837     \hskip \marginparwidth\rlap{\Gm@vrule}\hskip \marginparsep
16838     \llap{\Gm@vrule}\hskip\textwidth\rlap{\Gm@vrule}\hss}\fi}%
16839 \bidi@patchcmd{\Gm@pageframes}{%
16840     \ifodd\count\z@
16841     \let\@themargin\oddsidemargin
16842     \else
16843     \let\@themargin\evensidemargin
16844     \fi
16845 }{%
16846     \ifodd\count\z@
16847     \if@RTLmain
16848     \let\@themargin\evensidemargin
16849     \else
16850     \let\@themargin\oddsidemargin
16851     \fi
16852     \else
16853     \if@RTLmain
16854     \let\@themargin\oddsidemargin
16855     \else
16856     \let\@themargin\evensidemargin
16857     \fi
16858     \fi
16859 }{}{}

```

## 101 File hvfloat-xetex-bidi.def

```

16860 \ProvidesFile{hvfloat-xetex-bidi.def}[2012/04/18 v0.2 bidi adaptations for hvfloat package f
16861 \def\do@hvFloat[#1]#2#3{%
16862 \def\hv@shortCap{#1}
16863 \def\hv@longCap{#2}
16864 \def\hv@label{#3}
16865 %\newcommand*{\hvFloat}[5][{}]{%
16866 % [#1]: keyvalues
16867 % #2: type figure | table | ...
16868 % #3: float contents
16869 % [#4]: short caption
16870 % #5: caption
16871 % #6: label
16872 % \setDefault%
16873 % \def\@tempa{#1}%

```



```

16874 % \ifx\@tempa\empty\else\setkeys{hvSet}{#1}\fi% set options, only when not empty
16875 \def\@tempa{90}%
16876 \ifx\hvSet@rotAngle\@tempa \setlength{\hvMaxCapWidth}{\textheight}
16877 \else \setlength{\hvMaxCapWidth}{\linewidth}
16878 \fi
16879 %
16880 % First we save the object in \hvObjectBox
16881 %
16882 \ifx\hvSet@objectAngle\hv@Zero % rotate the object?
16883 \savebox{\hvObjectBox}{\ifhv@useOBox\usebox{\hvOBox}\else\hv@floatObject\fi}
16884 \else
16885 \savebox{\hvObjectBox}{%
16886 \rotatebox{\hvSet@objectAngle}{%
16887 \ifhv@useOBox\usebox{\hvOBox}\else\hv@floatObject\fi}}
16888 \fi
16889 \setlength{\hvObjectWidth}{\wd\hvObjectBox}
16890 %
16891 % Now we save the caption with its defined \hvCapWidth
16892 %
16893 \ifx\hvSet@capWidth\hv@Width\setlength{\hvCapWidth}{\hvObjectWidth}
16894 \else
16895 \ifx\hvSet@capWidth\hv@Height\setlength{\hvCapWidth}{\ht\hvObjectBox}
16896 \else
16897 \setlength{\hvCapWidth}{\hvObjectWidth}
16898 \ifx\hvSet@capPos\hv@Left\addtolength{\hvMaxCapWidth}{-\hvObjectWidth}\fi
16899 \ifx\hvSet@capPos\hv@Right\addtolength{\hvMaxCapWidth}{-\hvObjectWidth}\fi
16900 \ifdim\hvSet@capWidth\columnwidth<\hvMaxCapWidth
16901 \setlength{\hvCapWidth}{\hvSet@capWidth\columnwidth}
16902 \else
16903 \setlength{\hvCapWidth}{\hvMaxCapWidth}
16904 \fi
16905 \fi
16906 \fi
16907 %
16908 % now we have the object and the caption with the right
16909 % rotated angles saved in boxes
16910 %
16911 \def\fps@figure{\hvSet@floatPos}
16912 \ifhv@nonFloat\begin{group}% Start the nonfloat part
16913 \else \begin{\hv@floatType}% Start the floating environment
16914 \fi%
16915 \saveCaptionSkip% we put this space ourselves
16916 \ifx\hvSet@capAngle\hv@Width % need rotation?
16917 \sbox{\hvCaptionBox}{%
16918 \begin{minipage}[b]{\hvCapWidth}% minipage, to get hyphenation
16919 \ifhv@nonFloat%
16920 \ifhv@onlyText#2%
16921 \else%
16922 \ifx\hv@floatType\hv@figure
16923 \ifx\relax#1\relax \figcaption{#2}\else\figcaption{#1}{#2}\fi
16924 \else
16925 \ifx\relax#1\relax \tabcaption{#2}\else\tabcaption{#1}{#2}\fi%
16926 \fi
16927 \fi

```



```

16928 \else\ifx\relax\hv@shortCap\relax\caption{#2}\else\caption[#1]{#2}\fi%
16929 \fi%
16930 \label{#3}%
16931 \end{minipage}%
16932 }%
16933 \else%
16934 \sbox{\hvCaptionBox}{%
16935 \rotatebox{\hvSet@capAngle}{%
16936 \begin{minipage}[b]{\hvCapWidth}% minipage, to get hyphenation
16937 \ifhv@nonFloat%
16938 \ifhv@onlyText#2%
16939 \else%
16940 \ifx\hv@floatType\hv@figure
16941 \ifx\relax#1\relax \figcaption{#2}\else\figcaption[#1]{#2}\fi
16942 \else
16943 \ifx\relax#1\relax \tabcaption{#2}\else\tabcaption[#1]{#2}\fi%
16944 \fi
16945 \fi
16946 \else\ifx\relax\hv@shortCap\relax\caption{#2}\else\caption[#1]{#2}\fi%
16947 \fi%
16948 \label{#3}%
16949 \end{minipage}%
16950 }%
16951 }%
16952 \fi%
16953 %%
16954 \restoreCaptionSkip% save old values
16955 \ifx\hvSet@objectPos\hv@Right\@bidi@raggedleft%
16956 \else%
16957 \ifx\hvSet@objectPos\hv@Center
16958 \ifhv@nonFloat\hspace*{\fill}\else\centering\fi%
16959 \fi%
16960 \fi%
16961 %
16962 % to rotate object and caption together, we save all in another box
16963 % the caption comes first, if its on the left or the top
16964 %
16965 \savebox{\@tempboxa}{%
16966 \ifx\hvSet@capPos\hv@Left % caption on left side
16967 \if@RTL%
16968 \ifx\hvSet@capVPos\hv@Center%
16969 \ifhv@fbox
16970 \fbox{\parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}}
16971 \else
16972 \parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}
16973 \fi%
16974 \hspace{\hvSet@floatCapSep pt}%
16975 \ifhv@fbox
16976 \fbox{\parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}}%
16977 \else
16978 \parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}
16979 \fi%
16980 \else%
16981 \ifx\hvSet@capVPos\hv@Top

```



```

16982 \ifhv@fbox
16983 \fbox{\raisebox{-\height}{\usebox{\hvObjectBox}}}%
16984 \else
16985 \raisebox{-\height}{\usebox{\hvObjectBox}}%
16986 \fi%
16987 \hspace{\hvSet@floatCapSep pt}%
16988 \ifhv@fbox
16989 \fbox{\raisebox{-\height}{\usebox{\hvCaptionBox}}}%
16990 \else
16991 \raisebox{-\height}{\usebox{\hvCaptionBox}}%
16992 \fi
16993 \else
16994 \ifhv@fbox
16995 \fbox{\usebox{\hvObjectBox}}%
16996 \else
16997 \usebox{\hvObjectBox}%
16998 \fi
16999 \hspace{\hvSet@floatCapSep pt}%
17000 \ifhv@fbox
17001 \fbox{\usebox{\hvCaptionBox}}%
17002 \else
17003 \usebox{\hvCaptionBox}%
17004 \fi%
17005 \fi%
17006 \fi%
17007 \else% not RTL
17008 \ifx\hvSet@capVPos\hv@Center%
17009 \ifhv@fbox\fbox{\parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}}%
17010 \else \parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}%
17011 \fi%
17012 \hspace{\hvSet@floatCapSep pt}% capfloatsep
17013 \ifhv@fbox\fbox{\parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}}
17014 \else \parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}
17015 \fi%
17016 \else%
17017 \ifx\hvSet@capVPos\hv@Top % caption at top
17018 \ifhv@fbox\fbox{\raisebox{-\height}{\usebox{\hvCaptionBox}}}%
17019 \else \raisebox{-\height}{\usebox{\hvCaptionBox}}%
17020 \fi
17021 \hspace{\hvSet@floatCapSep pt}% capfloatsep
17022 \ifhv@fbox\fbox{\raisebox{-\height}{\usebox{\hvObjectBox}}}%
17023 \else \raisebox{-\height}{\usebox{\hvObjectBox}}%
17024 \fi%
17025 \else% caption on bottom
17026 \ifhv@fbox\fbox{\usebox{\hvCaptionBox}}
17027 \else\usebox{\hvCaptionBox}
17028 \fi%
17029 \hspace{\hvSet@floatCapSep pt}%
17030 \ifhv@fbox\fbox{\usebox{\hvObjectBox}}
17031 \else \usebox{\hvObjectBox}
17032 \fi%
17033 \fi%
17034 \fi% end of RTL
17035 \fi%

```



```

17036 \else
17037 \ifx\hvSet@capPos\hv@Top
17038 \ifdim\wd\hvCaptionBox>\wd\hvObjectBox
17039 \begin{minipage}{\wd\hvCaptionBox}
17040 \else
17041 \begin{minipage}{\wd\hvObjectBox}
17042 \fi
17043 \centering
17044 \ifhv@fbox
17045 \fbox{\usebox{\hvCaptionBox}}\[\hvBelowCaptionSkip]
17046 \fbox{\usebox{\hvObjectBox}}
17047 \else
17048 \usebox{\hvCaptionBox}\[\hvBelowCaptionSkip]
17049 \usebox{\hvObjectBox}
17050 \fi%
17051 \end{minipage}
17052 \else
17053 \ifx\hvSet@capPos\hv@Bottom
17054 \ifdim\wd\hvCaptionBox>\wd\hvObjectBox
17055 \begin{minipage}{\wd\hvCaptionBox}
17056 \else
17057 \begin{minipage}{\wd\hvObjectBox}
17058 \fi
17059 \centering
17060 \ifhv@fbox
17061 \fbox{\usebox{\hvObjectBox}}\[\hvAboveCaptionSkip]
17062 \fbox{\usebox{\hvCaptionBox}}
17063 \else
17064 \usebox{\hvObjectBox}\[\hvAboveCaptionSkip]
17065 \usebox{\hvCaptionBox}
17066 \fi%
17067 \end{minipage}
17068 \else% the last option: put the caption on the right
17069 \if@RTL%
17070 \ifx\hvSet@capVPos\hv@Center%
17071 \ifhv@fbox\fbox{\parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}}%
17072 \else \parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}%
17073 \fi%
17074 \hspace{\hvSet@floatCapSep pt}% capfloatsep
17075 \ifhv@fbox\fbox{\parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}}
17076 \else \parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}
17077 \fi%
17078 \else%
17079 \ifx\hvSet@capVPos\hv@Top % caption at top
17080 \ifhv@fbox\fbox{\raisebox{-\height}{\usebox{\hvCaptionBox}}}%
17081 \else \raisebox{-\height}{\usebox{\hvCaptionBox}}%
17082 \fi
17083 \hspace{\hvSet@floatCapSep pt}% capfloatsep
17084 \ifhv@fbox\fbox{\raisebox{-\height}{\usebox{\hvObjectBox}}}%
17085 \else \raisebox{-\height}{\usebox{\hvObjectBox}}%
17086 \fi%
17087 \else% caption on bottom
17088 \ifhv@fbox\fbox{\usebox{\hvCaptionBox}}
17089 \else\usebox{\hvCaptionBox}

```



```

17090      \fi%
17091      \hspace{\hvSet@floatCapSep pt}%
17092      \ifhv@fbox\fbbox{\usebox{\hvObjectBox}}
17093      \else      \usebox{\hvObjectBox}
17094      \fi%
17095      \fi%
17096      \fi%
17097 \else% not RTL
17098 \ifx\hvSet@capVPos\hv@Center%
17099 \ifhv@fbox
17100 \fbbox{\parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}}
17101 \else
17102 \parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}
17103 \fi%
17104 \hspace{\hvSet@floatCapSep pt}%
17105 \ifhv@fbox
17106 \fbbox{\parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}}%
17107 \else
17108 \parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}
17109 \fi%
17110 \else%
17111 \ifx\hvSet@capVPos\hv@Top
17112 \ifhv@fbox
17113 \fbbox{\raisebox{-\height}{\usebox{\hvObjectBox}}}%
17114 \else
17115 \raisebox{-\height}{\usebox{\hvObjectBox}}%
17116 \fi%
17117 \hspace{\hvSet@floatCapSep pt}%
17118 \ifhv@fbox
17119 \fbbox{\raisebox{-\height}{\usebox{\hvCaptionBox}}}%
17120 \else
17121 \raisebox{-\height}{\usebox{\hvCaptionBox}}%
17122 \fi
17123 \else
17124 \ifhv@fbox
17125 \fbbox{\usebox{\hvObjectBox}}%
17126 \else
17127 \usebox{\hvObjectBox}%
17128 \fi
17129 \hspace{\hvSet@floatCapSep pt}%
17130 \ifhv@fbox
17131 \fbbox{\usebox{\hvCaptionBox}}%
17132 \else
17133 \usebox{\hvCaptionBox}%
17134 \fi%
17135 \fi%
17136 \fi
17137 \fi% end of RTL
17138 \fi
17139 \fi
17140 \fi
17141 }% End savebox Object and caption
17142 %
17143 % now we rotate the object and caption, if needed

```



```

17144 %
17145 \ifx\hvSet@rotAngle\hv@Zero
17146 \usebox{\@tempboxa}
17147 \else
17148 \rotatebox{\hvSet@rotAngle}{\usebox{\@tempboxa}}
17149 \fi
17150 \ifhv@nonFloat
17151 \ifx\hvSet@objectPos\hv@Center
17152 \ifhv@nonFloat
17153 \hspace{\fill}
17154 \fi
17155 \fi
17156 \endgroup% End the nonfloat part
17157 \else
17158 \end{\hv@floatType}% End the floating environment
17159 \fi
17160 }

```

## 102 File hyperref-xetex-bidi.def

```

17161 \ProvidesFile{hyperref-xetex-bidi.def}[2018/11/11 v1.1 bidi adaptations for hyperref package]
17162 \AtBeginDocument{%
17163 \def\contentsline#1#2#3#4{%
17164   \ifx\#4\%
17165     \csname l@#1\endcsname{#2}{#3}%
17166   \else
17167     \ifcase\Hy@linktoc % none
17168       \csname l@#1\endcsname{#2}{#3}%
17169     \or % section
17170       \csname l@#1\endcsname{%
17171         \hyper@linkstart{link}{#4}{\if@RTL\beginR\fi#2\if@RTL\endR\fi}\hyper@linkend
17172       }{#3}%
17173     \or % page
17174       \csname l@#1\endcsname{#2}{#3}%
17175       \hyper@linkstart{link}{#4}{#3}\hyper@linkend
17176     }%
17177   \else % all
17178     \csname l@#1\endcsname{%
17179       \hyper@linkstart{link}{#4}{\if@RTL\beginR\fi#2\if@RTL\endR\fi}\hyper@linkend
17180     }{#3}%
17181     \hyper@linkstart{link}{#4}{#3}\hyper@linkend
17182   }%
17183 \fi
17184 \fi
17185 }
17186 \ifHy@hyperfootnotes
17187 \let\H@@footnotetext\@footnotetext
17188 \let\HRTL@RTLfootnotetext\@RTLfootnotetext
17189 \let\HLTR@LTRfootnotetext\@LTRfootnotetext
17190 \def\xfootnotenext[#1]{%
17191 \begingroup
17192   \csname c@#1\endcsname #1\relax
17193   \unrestored@protected\xdef\@thefnmark{\thempfn}%
17194 \endgroup

```



```

17195 \ifx\@footnotetext\@mpfootnotetext
17196 \expandafter\H@\mpfootnotetext
17197 \else
17198 \expandafter\H@\footnotetext
17199 \fi
17200 }%
17201 \def\xRTLfootnotenext[#1]{%
17202 \begingroup
17203 \csname c@\mpfn\endcsname #1\relax
17204 \unrestored@protected@xdef\@thefnmark{\thempfn}%
17205 \endgroup
17206 \ifx\@RTLfootnotetext\@mpRTLfootnotetext
17207 \expandafter\HRTL@\mpRTLfootnotetext
17208 \else
17209 \expandafter\HRTL@\RTLfootnotetext
17210 \fi
17211 }%
17212 \def\xLTRfootnotenext[#1]{%
17213 \begingroup
17214 \csname c@\mpfn\endcsname #1\relax
17215 \unrestored@protected@xdef\@thefnmark{\thempfn}%
17216 \endgroup
17217 \ifx\@LTRfootnotetext\@mpLTRfootnotetext
17218 \expandafter\HLTR@\mpLTRfootnotetext
17219 \else
17220 \expandafter\HLTR@\LTRfootnotetext
17221 \fi
17222 }%
17223 \def\xfootnotemark[#1]{%
17224 \begingroup
17225 \c@footnote #1\relax
17226 \unrestored@protected@xdef\@thefnmark{\thefootnote}%
17227 \endgroup
17228 \H@\footnotemark
17229 }%
17230 \let\H@\mpfootnotetext\@mpfootnotetext
17231 \let\HRTL@\mpRTLfootnotetext\@mpRTLfootnotetext
17232 \let\HLTR@\mpLTRfootnotetext\@mpLTRfootnotetext
17233 \long\def\@mpfootnotetext#1{%
17234 \H@\mpfootnotetext{%
17235 \ifHy@nesting
17236 \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
17237 \else
17238 \Hy@raisedlink{%
17239 \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
17240 }#1%
17241 \fi
17242 }%
17243 }%
17244 \long\def\@mpRTLfootnotetext#1{%
17245 \HRTL@\mpRTLfootnotetext{%
17246 \ifHy@nesting
17247 \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
17248 \else

```



```

17249         \Hy@raisedlink{%
17250             \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
17251             }#1%
17252         \fi
17253     }%
17254 }%
17255 \long\def\@mplTRfootnotetext#1{%
17256 \HLTR@mplTRfootnotetext{%
17257     \ifHy@nesting
17258         \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
17259     \else
17260         \Hy@raisedlink{%
17261             \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
17262             }#1%
17263         \fi
17264     }%
17265 }%
17266 \long\def\@footnotetext#1{%
17267 \H@@footnotetext{%
17268     \ifHy@nesting
17269         \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
17270     \else
17271         \Hy@raisedlink{%
17272             \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
17273             }%
17274         \let\@currentHlabel\Hy@footnote@currentHlabel
17275         \let\@currentHref\Hy@footnote@currentHref
17276         \let\@currentlabelname\@empty
17277         #1%
17278     \fi
17279 }%
17280 }%
17281 \long\def\@RTLfootnotetext#1{%
17282 \HRTL@RTLfootnotetext{%
17283     \ifHy@nesting
17284         \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
17285     \else
17286         \Hy@raisedlink{%
17287             \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
17288             }%
17289         \let\@currentHlabel\Hy@footnote@currentHlabel
17290         \let\@currentHref\Hy@footnote@currentHref
17291         \let\@currentlabelname\@empty
17292         #1%
17293     \fi
17294 }%
17295 }%
17296 \long\def\@LTRfootnotetext#1{%
17297 \HLTR@LTRfootnotetext{%
17298     \ifHy@nesting
17299         \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
17300     \else
17301         \Hy@raisedlink{%
17302             \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%

```



```

17303     }%
17304     \let\@currentHlabel\Hy@footnote@currentHlabel
17305     \let\@currentHref\Hy@footnote@currentHref
17306     \let\@currentlabelname\@empty
17307     #1%
17308     \fi
17309   }%
17310 }%
17311 \@ifpackageloaded{tabularx}{%
17312   \let\HyOrg@TX@endtabularx\TX@endtabularx
17313   \def\Hy@tabularx@hook{%
17314     \let\@footnotetext\H@@footnotetext
17315     \let\@LTRfootnotetext\HLTR@@LTRfootnotetext
17316     \let\@RTLfootnotetext\HRTL@@RTLfootnotetext
17317     \let\@footnotemark\H@@footnotemark
17318     \let\@mpfootnotetext\H@@mpfootnotetext
17319     \let\@mpLTRfootnotetext\HLTR@@mpLTRfootnotetext
17320     \let\@mpRTLfootnotetext\HRTL@@mpRTLfootnotetext
17321   }%
17322   \begingroup
17323     \toks@\expandafter{\TX@endtabularx}%
17324     \xdef\Hy@gtemp{%
17325       \noexpand\Hy@tabularx@hook
17326       \the\toks@
17327     }%
17328   \endgroup
17329   \let\TX@endtabularx\Hy@gtemp
17330 }{}%
17331 \@ifpackageloaded{longtable}{%
17332   \CheckCommand*{\LT@p@LTRfnttext}[1]{%
17333     \edef\@tempa{%
17334       \the\LT@p@ftn
17335       \noexpand\LTRfootnotetext[\the\c@footnote]%
17336     }%
17337     \global\LT@p@ftn\expandafter{\@tempa{#1}}%
17338   }%
17339   \long\def\LT@p@LTRfnttext#1{%
17340     \edef\@tempa{%
17341       \the\LT@p@ftn
17342       \begingroup
17343         \noexpand\c@footnote=\the\c@footnote\relax
17344         \noexpand\protected@xdef\noexpand\@thefnmark{%
17345           \noexpand\thempfn
17346         }%
17347         \noexpand\Hy@LT@LTRfootnotetext{%
17348           \Hy@footnote@currentHref
17349         }%
17350       }%
17351       \global\LT@p@ftn\expandafter{%
17352         \@tempa{#1}%
17353       }%
17354     }%
17355   }%
17356   \long\def\Hy@LT@LTRfootnotetext#1#2{%

```



```

17357 \HLTR@LTRfootnotetext{%
17358     \ifHy@nesting
17359         \hyper@@anchor{#1}{#2}%
17360     \else
17361         \Hy@raisedlink{%
17362             \hyper@@anchor{#1}{\relax}%
17363         }%
17364         \def\@currentHref{#1}%
17365         \let\@currentlabelname\@empty
17366         #2%
17367     \fi
17368 }%
17369 }%
17370 \CheckCommand*{\LT@p@RTLftntext}[1]{%
17371     \edef\@tempa{%
17372         \the\LT@p@ftn
17373         \noexpand\RTLfootnotetext[\the\c@footnote]%
17374     }%
17375     \global\LT@p@ftn\expandafter{\@tempa{#1}}%
17376 }%
17377 \long\def\LT@p@RTLftntext#1{%
17378     \edef\@tempa{%
17379         \the\LT@p@ftn
17380         \begingroup
17381             \noexpand\c@footnote=\the\c@footnote\relax
17382             \noexpand\protected@xdef\noexpand\@thefnmark{%
17383                 \noexpand\thempfn
17384             }%
17385             \noexpand\Hy@LT@RTLfootnotetext{%
17386                 \Hy@footnote@currentHref
17387             }%
17388         }%
17389         \global\LT@p@ftn\expandafter{%
17390             \@tempa{#1}%
17391         \endgroup
17392     }%
17393 }%
17394 \long\def\Hy@LT@RTLfootnotetext#1#2{%
17395     \HRTL@RTLfootnotetext{%
17396         \ifHy@nesting
17397             \hyper@@anchor{#1}{#2}%
17398         \else
17399             \Hy@raisedlink{%
17400                 \hyper@@anchor{#1}{\relax}%
17401             }%
17402             \def\@currentHref{#1}%
17403             \let\@currentlabelname\@empty
17404             #2%
17405         \fi
17406     }%
17407 }%
17408 }-{}%
17409 \@ifpackageloaded{bidipoem}{%
17410     \long\def\bidipoem@p@ftntext#1{%

```



```

17411 \edef\@tempix{%
17412 \the\bidipoem@p@ftn
17413 \begingroup
17414 \noexpand\csname c@\@mpfn\endcsname=\the\csname c@\@mpfn\endcsname\relax
17415 \noexpand\protected@xdef\noexpand\@thefnmark{%
17416 \noexpand\thempfn
17417 }%
17418 \noexpand\Hy@bidipoem@footnotetext{%
17419 \Hy@footnote@currentHref
17420 }%
17421 }%
17422 \global\bidipoem@p@ftn\expandafter{%
17423 \@tempix{#1}%
17424 \endgroup
17425 }%
17426 }%
17427 \long\def\Hy@bidipoem@footnotetext#1#2{%
17428 \H@@footnotetext{%
17429 \ifHy@nesting
17430 \hyper@@anchor{#1}{#2}%
17431 \else
17432 \Hy@raisedlink{%
17433 \hyper@@anchor{#1}{\relax}%
17434 }%
17435 \def\@currentHref{#1}%
17436 \let\@currentlabelname\@empty
17437 #2%
17438 \fi
17439 }%
17440 }%
17441 \long\def\bidipoem@p@LTRftntext#1{%
17442 \edef\@tempxi{%
17443 \the\bidipoem@p@ftn
17444 \begingroup
17445 \noexpand\csname c@\@mpfn\endcsname=\the\csname c@\@mpfn\endcsname\relax
17446 \noexpand\protected@xdef\noexpand\@thefnmark{%
17447 \noexpand\thempfn
17448 }%
17449 \noexpand\Hy@bidipoem@LTRfootnotetext{%
17450 \Hy@footnote@currentHref
17451 }%
17452 }%
17453 \global\bidipoem@p@ftn\expandafter{%
17454 \@tempxi{#1}%
17455 \endgroup
17456 }%
17457 }%
17458 \long\def\Hy@bidipoem@LTRfootnotetext#1#2{%
17459 \HLTR@@LTRfootnotetext{%
17460 \ifHy@nesting
17461 \hyper@@anchor{#1}{#2}%
17462 \else
17463 \Hy@raisedlink{%
17464 \hyper@@anchor{#1}{\relax}%

```



```

17465     }%
17466     \def\@currentHref{#1}%
17467     \let\@currentlabelname\@empty
17468     #2%
17469     \fi
17470   }%
17471 }%
17472   \long\def\bidipoem@p@RTLftntext#1{%
17473   \edef\@tempxi{%
17474     \the\bidipoem@p@ftn
17475     \begingroup
17476       \noexpand\csname c@\@mpfn\endcsname=\the\csname c@\@mpfn\endcsname\relax
17477       \noexpand\protected@xdef\noexpand\@thefnmark{%
17478         \noexpand\thempfn
17479       }%
17480       \noexpand\Hy@bidipoem@RTLfootnotetext{%
17481         \Hy@footnote@currentHref
17482       }%
17483     }%
17484     \global\bidipoem@p@ftn\expandafter{%
17485       \@tempxi{#1}%
17486     \endgroup
17487   }%
17488 }%
17489 \long\def\Hy@bidipoem@RTLfootnotetext#1#2{%
17490   \HRTL@RTLfootnotetext{%
17491     \ifHy@nesting
17492       \hyper@@anchor{#1}{#2}%
17493     \else
17494       \Hy@raisedlink{%
17495         \hyper@@anchor{#1}{\relax}%
17496       }%
17497       \def\@currentHref{#1}%
17498       \let\@currentlabelname\@empty
17499       #2%
17500     \fi
17501   }%
17502 }%
17503 }{}%
17504 \let\HyOrg@maketitle\maketitle
17505 \def\maketitle{%
17506   \let\Hy@saved@footnotemark\@footnotemark
17507   \let\Hy@saved@footnotetext\@footnotetext
17508   \let\HyRTL@saved@RTLfootnotetext\@RTLfootnotetext
17509   \let\HyLTR@saved@LTRfootnotetext\@LTRfootnotetext
17510   \let\@footnotemark\H@@footnotemark
17511   \let\@footnotetext\H@@footnotetext
17512   \let\@RTLfootnotetext\HRTL@RTLfootnotetext
17513   \let\@LTRfootnotetext\HLTR@LTRfootnotetext
17514   \@ifnextchar[\Hy@maketitle@optarg{ }
17515     \HyOrg@maketitle
17516     \Hy@maketitle@end
17517   }%
17518 }%

```



```

17519 \def\Hy@maketitle@optarg[#1]{%
17520   \HyOrg@maketitle[#{#1}]%
17521   \Hy@maketitle@end
17522 }%
17523 \def\Hy@maketitle@end{%
17524   \ifx\@footnotemark\H@@footnotemark
17525     \let\@footnotemark\Hy@saved@footnotemark
17526   \fi
17527   \ifx\@footnotetext\H@@footnotetext
17528     \let\@footnotetext\Hy@saved@footnotetext
17529   \fi
17530   \ifx\@RTLfootnotetext\HRTL@@RTLfootnotetext
17531     \let\@RTLfootnotetext\HyRTL@saved@RTLfootnotetext
17532   \fi
17533   \ifx\@LTRfootnotetext\HLTR@@LTRfootnotetext
17534     \let\@LTRfootnotetext\HyLTR@saved@LTRfootnotetext
17535   \fi
17536 }%
17537 \def\realfootnote{%
17538   \@ifnextchar[\@xfootnote{%
17539     \stepcounter{\@mpfn}%
17540     \protected@xdef\@thefnmark{\thempfn}%
17541     \H@@@footnotemark\H@@@footnotetext
17542   }%
17543 }%
17544 \fi
17545 \def\Hy@BeginAnnot#1{%
17546   \ifmmode\else\beginL\fi%
17547   \global\advance\c@Hy@AnnotLevel\@ne
17548   \ifnum\c@Hy@AnnotLevel=\@ne
17549     #1%
17550   \fi
17551 }
17552 \def\Hy@endAnnot{%
17553   \ifnum\c@Hy@AnnotLevel=\@ne
17554     \Hy@endcolorlink
17555     \@pdfm@mark{eann}%
17556   \fi
17557   \global\advance\c@Hy@AnnotLevel\m@ne
17558   \ifmmode\else\endL\fi%
17559 }
17560 \def\hyper@link#1#2#3{%
17561   \hyper@linkstart{#1}{#2}\ifmmode\else\if@RTL\beginR\fi\fi#3\ifmmode\else\if@RTL\endR\fi\fi
17562 }
17563 \def\hyper@linkfile#1#2#3{%
17564   \leavevmode
17565   \Hy@BeginAnnot{%
17566     \def\Hy@pstringF{#2}%
17567     \Hy@CleanupFile\Hy@pstringF
17568     \Hy@pstringdef\Hy@pstringF\Hy@pstringF
17569     \Hy@pstringdef\Hy@pstringD{#3}%
17570     \Hy@MakeRemoteAction
17571     \@pdfm@mark{%
17572       bann<<%

```



```

17573      /Type/Annot%
17574      /Subtype/Link%
17575      \ifHy@pdfa /F 4\fi
17576      \Hy@setpdfborder
17577      \ifx\@filebordercolor\relax
17578      \else
17579        /C[\@filebordercolor]%
17580      \fi
17581      /A<<%
17582      /S/GoToR%
17583      /F(\Hy@pstringF)%
17584      /D%
17585      \ifx\#3\%
17586        [\Hy@href@page\@pdfremotestartview]%
17587      \else
17588        (\Hy@pstringD)%
17589      \fi
17590      \Hy@SetNewWindow
17591      \Hy@href@nextactionraw
17592      >>%
17593    >>%
17594  }%
17595  \Hy@colorlink\@filecolor
17596 }%
17597 \ifmmode\else\ifRTL\beginR\fi\fi#1\ifmmode\else\ifRTL\endR\fi\fi\Hy@xspace@end
17598 \Hy@endAnnot
17599 }
17600 \def\@hyper@launch run:#1\#2#3{% filename, anchor text linkname
17601   \leavevmode
17602   \Hy@BeginAnnot{%
17603     \Hy@pstringdef\Hy@pstringF{#1}%
17604     \Hy@pstringdef\Hy@pstringP{#3}%
17605     \@pdfmark{%
17606       bann<<%
17607       /Type/Annot%
17608       /Subtype/Link%
17609       \ifHy@pdfa /F 4\fi
17610       \Hy@setpdfborder
17611       \ifx\@runbordercolor\relax
17612       \else
17613         /C[\@runbordercolor]%
17614       \fi
17615       /A<<%
17616       /F(\Hy@pstringF)%
17617       /S/Launch%
17618       \Hy@SetNewWindow
17619       \ifx\#3\%
17620       \else
17621         /Win<</P(\Hy@pstringP)/F(\Hy@pstringF)>>%
17622       \fi
17623       \Hy@href@nextactionraw
17624       >>%
17625     >>%
17626   }%

```



```

17627 \Hy@colorlink\@runcolor
17628 }%
17629 \ifmmode\else\if@RTL\beginR\fi\fi#2\ifmmode\else\if@RTL\endR\fi\fi\Hy@xspace@end
17630 \Hy@EndAnnot
17631 }
17632 \def\hyper@linkurl#1#2{%
17633 \leavevmode
17634 \Hy@BeginAnnot{%
17635 \Hy@pstringdef\Hy@pstringURI{#2}%
17636 \@pdfm@mark{%
17637 bann<<%
17638 /Type/Annot%
17639 /Subtype/Link%
17640 \ifHy@pdfa /F 4\fi
17641 \Hy@setpdfborder
17642 \ifx\@urlbordercolor\relax
17643 \else
17644 /C[\@urlbordercolor]%
17645 \fi
17646 /A<<%
17647 /S/URI%
17648 /URI(\Hy@pstringURI)%
17649 \ifHy@href@ismap
17650 /IsMap true%
17651 \fi
17652 \Hy@href@nextactionraw
17653 >>%
17654 >>%
17655 }%
17656 \Hy@colorlink\@urlcolor
17657 }%
17658 \ifmmode\else\if@RTL\beginR\fi\fi#1\ifmmode\else\if@RTL\endR\fi\fi\Hy@xspace@end
17659 \Hy@EndAnnot
17660 }
17661 \def\Acrobatmenu#1#2{%
17662 \Hy@Acrobatmenu{#1}{#2}{%
17663 \Hy@BeginAnnot{%
17664 \EdefEscapeName\Hy@temp@menu{#1}%
17665 \@pdfm@mark{%
17666 bann<<%
17667 /Type/Annot%
17668 /Subtype/Link%
17669 \ifHy@pdfa /F 4\fi
17670 \Hy@setpdfborder
17671 \ifx\@menubordercolor\relax
17672 \else
17673 /C[\@menubordercolor]%
17674 \fi
17675 /A<<%
17676 /S/Named%
17677 /N/\Hy@temp@menu
17678 \Hy@href@nextactionraw
17679 >>%
17680 >>%

```



```

17681     }%
17682     \Hy@colorlink\@menucolor
17683     }%
17684     \ifmode\else\if@RTL\beginR\fi\fi#2\ifmode\else\if@RTL\endR\fi\fi\Hy@xspace@end
17685     \Hy@endAnnot
17686 }%
17687 }
17688 \def\hyper@natlinkstart#1{%
17689   \Hy@backout{#1}%
17690   \hyper@linkstart{cite}{cite.#1}\if@RTL\beginR\fi%
17691   \def\hyper@nat@current{#1}%
17692 }
17693 \def\hyper@natlinkend{%
17694   \if@RTL\endR\fi\hyper@linkend
17695 }
17696 \def\hyper@natlinkbreak#1#2{%
17697   \if@RTL\endR\fi\hyper@linkend#1\hyper@linkstart{cite}{cite.#2}\if@RTL\beginR\fi%
17698 }%
17699 }
17700 \pdfstringdefDisableCommands{%
17701   \let\LRE\@firstofone
17702   \let\LR\@firstofone
17703   \let\RLE\@firstofone
17704   \let\RL\@firstofone
17705   \def\XeTeX{Xe\TeX}%
17706   \def\XeLaTeX{Xe\LaTeX}%
17707 }
17708 \@ifpackageloaded{longtable}{%
17709   \begingroup
17710     \def\y{\LT@array}%
17711     \@ifundefined{scr@LT@array}{%
17712       \@ifundefined{adl@LT@array}{\def\y{\adl@LT@array}}%
17713     }\def\y{\scr@LT@array}%
17714     \long\def\x\refstepcounter#1#2\@sharp#3#4\@nil{%
17715       \expandafter\endgroup
17716       \expandafter\def\y[##1]##2{%
17717         \H@refstepcounter{#1}%
17718         \hyper@makecurrent{table}%
17719         \let\Hy@LT@currentHref\@currentHref
17720         #2\@sharp####4%
17721       }%
17722     }%
17723     \expandafter\expandafter\expandafter\x\y[##1][##2]\@nil
17724   \begingroup
17725     \def\x#1\ifvoid\LT@foot#2\fi#3\@nil{%
17726       \endgroup
17727       \def\LT@start{%
17728         #1%
17729         \ifvoid\LT@foot#2\fi
17730         \let\@currentHref\Hy@LT@currentHref
17731         \Hy@raisedlink{%
17732           \hyper@anchorstart{\@currentHref}\hyper@anchorend
17733         }%
17734         #3%

```



```

17735     }%
17736     }%
17737     \expandafter\x\LT@start\@nil
17738 }{}
17739 \bidi@patchcmd\@TextField{%
17740   \@pdfm@mark
17741 }{%
17742   \if@RTL
17743     \hskip\Fld@width
17744   \fi
17745   \@pdfm@mark
17746 }{}{}
17747 \bidi@patchcmd\@TextField{%
17748   \unhbox
17749 }{%
17750   \if@RTL
17751     \hskip-\Fld@width
17752   \fi
17753   \unhbox
17754 }{}{}
17755 \bidi@patchcmd\@@Radio{%
17756   \@pdfm@mark
17757 }{%
17758   \if@RTL
17759     \hskip\Fld@width
17760   \fi
17761   \@pdfm@mark
17762 }{}{}
17763 \bidi@patchcmd\@@Radio{%
17764   \unhcopy
17765 }{%
17766   \if@RTL
17767     \hskip-\Fld@width
17768   \fi
17769   \unhcopy
17770 }{}{}
17771 \bidi@patchcmd\@Submit{%
17772   \@pdfm@mark
17773 }{%
17774   \if@RTL
17775     \null
17776     \hskip\wd\pdfm@box
17777   \fi
17778   \@pdfm@mark
17779 }{}{}
17780 \bidi@patchcmd\@Submit{%
17781   \unhbox
17782 }{%
17783   \if@RTL
17784     \hskip-\wd\pdfm@box
17785   \fi
17786   \unhbox
17787 }{}{}
17788 \bidi@patchcmd\@Reset{%

```



```

17789 \pdfmark
17790 }{%
17791 \if@RTL
17792 \null
17793 \hskip\wd\pdfm@box
17794 \fi
17795 \pdfmark
17796 }{}{}
17797 \bidi@patchcmd\@Reset{%
17798 \unhbox
17799 }{%
17800 \if@RTL
17801 \hskip-\wd\pdfm@box
17802 \fi
17803 \unhbox
17804 }{}{}

```

### 103 File imspdoc-xetex-bidi.def

```

17805 \ProvidesFile{imspdoc-xetex-bidi.def}[2017/06/09 v0.1 bidi adaptations for imspdoc class for
17806 \newenvironment{thebibliography}[1]{%
17807 \@bibtitlestyle
17808 \normalfont\bibliofont\labelsep .5em\relax
17809 \renewcommand\theenumiv{\arabic{enumiv}}\let\p@enumiv\@empty
17810 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
17811 \bidi@thebibliography@font@hook
17812 \list{\@biblabel{\theenumiv}}{\settowidth\labelwidth{\@biblabel{#1}}%
17813 \leftmargin\labelwidth \advance\leftmargin\labelsep
17814 \usecounter{enumiv}}%
17815 \sloppy \clubpenalty\@M \widowpenalty\clubpenalty
17816 \sfcode`\.=\@m
17817 }{%
17818 \def\@noitemerr{\@latex@warning{Empty `thebibliography' environment}}%
17819 \endlist
17820 }
17821
17822 \def\theindex{\@restonecoltrue\if@twocolumn\@restonecolfalse\fi
17823 \columnseprule\z@ \columnsep 35\p@
17824 \@indextitlestyle
17825 \thispagestyle{plain}%
17826 \let\item\@idxitem
17827 \parindent\z@ \parskip\z@\@plus.3\p@\relax
17828 \if@RTL\raggedleft\else\raggedright\fi
17829 \hyphenpenalty\@M
17830 \footnotesize}
17831 \def\@idxitem{\par\hangindent \if@RTL-\fi2em}
17832 \def\subitem{\par\hangindent \if@RTL-\fi2em\hspace*{1em}}
17833 \def\subsubitem{\par\hangindent \if@RTL-\fi3em\hspace*{2em}}
17834
17835 \def\right@footnoterule{%
17836 \kern-.4\p@
17837 \hbox to \columnwidth{\hskip \dimexpr\columnwidth-5pc\relax \hrulefill }
17838 \kern11\p@\kern-\footnotesep}
17839 \def\left@footnoterule{\kern-.4\p@

```



```

17840         \hrule\@width 5pc\kern11\p@\kern-\footnotesep}
17841 \def\@makefnmark{%
17842   \leavevmode
17843   \raise.9ex\hbox{\fontsize\sf@size\z@\normalfont\@thefnmark}%
17844 }
17845
17846 \def\part{\@startsection{part}{0}%
17847   \z@\linespacing\@plus\linespacing}{.5\linespacing}%
17848   {\normalfont\bfseries\if@RTL\raggedleft\else\raggedright\fi}}
17849 \def\@tocline#1#2#3#4#5#6#7{\relax
17850   \ifnum #1>\c@tocdepth % then omit
17851   \else
17852     \par \addpenalty\@secpenalty\addvspace{#2}%
17853     \begingroup \hyphenpenalty\@M
17854     \@ifempty{#4}{%
17855       \@tempdima\csname r@tocindent\number#1\endcsname\relax
17856     }{%
17857       \@tempdima#4\relax
17858     }%
17859     \parindent\z@ \if@RTL\righskip\else\leftskip\fi#3\relax \advance\if@RTL\righskip\else\leftskip\fi#3\relax
17860     \if@RTL\leftskip\else\righskip\fi\@pnumwidth plus4em \parfillskip-\@pnumwidth
17861     #5\leavevmode\hskip-\@tempdima #6\nobreak\relax
17862     \hfil\hbox to\@pnumwidth{\@tocpagenum{#7}}\par
17863     \nobreak
17864     \endgroup
17865   \fi}
17866 \renewcommand\thesubsection {\thesection\@SepMark\arabic{subsection}}
17867 \renewcommand\thesubsubsection {\thesubsection \@SepMark\arabic{subsubsection}}
17868 \renewcommand\theparagraph {\thesubsubsection\@SepMark\arabic{paragraph}}
17869 \renewcommand\thesubparagraph {\theparagraph\@SepMark\arabic{subparagraph}}
17870 \def\maketitle{\par
17871   \@topnum\z@ % this prevents figures from falling at the top of page 1
17872   \@setcopyright
17873   \thispagestyle{firstpage}% this sets first page specifications
17874   \uppercasenonmath\shorttitle
17875   \ifx\@empty\shortauthors \let\shortauthors\shorttitle
17876   \else \andify\shortauthors
17877   \fi
17878   \@maketitle@hook
17879   \begingroup
17880   \@maketitle
17881   \toks@{\xp{\shortauthors}\@temptokena\xp{\shorttitle}}%
17882   \toks4{\def\\{\ignorespaces}}% defend against questionable usage
17883   \edef\@tempa{%
17884     \@nx\markboth{\the\toks4
17885       \@nx\MakeUppercase{\the\toks@}}{\the\@temptokena}}%
17886   \@tempa
17887   \endgroup
17888   \c@footnote\z@
17889   \@cleartopmattertags
17890 }

```

## 104 File leqno-xetex-bidi.def



```

17891 \ProvidesFile{leqno-xetex-bidi.def}[2018/01/07 v0.2 bidi adaptations for leqno tag for XeTeX
17892 \renewcommand\@eqnnum{\hb@xt@.01\p@{}}%
17893         \rlap{\hskip -\displaywidth
17894         {\normalfont\normalcolor\if@RTL\beginR\fi(\theequation)\if@RTL\endR\fi}}

```

## 105 File letter-xetex-bidi.def

```

17895 \ProvidesFile{letter-xetex-bidi.def}[2015/11/14 v0.3 bidi adaptations for standard letter cl
17896 \renewcommand*\@opening[1]{\ifx\@empty\fromaddress
17897   \thispagestyle{firstpage}%
17898   {\if@RTL\raggedright\else\raggedleft\fi\@date\par}%
17899 \else % home address
17900   \thispagestyle{empty}%
17901   {\if@RTL\raggedright\else\raggedleft\fi\if@RTL\begin{tabular}{r@{}}\else\begin{tabular}{l@{}}
17902     \fromaddress \*[2\parskip]%
17903     \@date \end{tabular}\par}%
17904   \fi
17905   \vspace{2\parskip}%
17906   {\if@RTL\raggedleft\else\raggedright\fi \toname \ \ toaddress \par}%
17907   \vspace{2\parskip}%
17908   #1\par\nobreak}
17909 \renewcommand\left@footnoterule{%
17910   \kern-\p@
17911   \hrule \@width .4\columnwidth
17912   \kern .6\p@}
17913 \renewcommand\right@footnoterule{%
17914   \kern-\p@
17915   \hbox to \columnwidth{\hskip .6\columnwidth \hrulefill }
17916   \kern .6\p@}

```

## 106 File lettrine-xetex-bidi.def

```

17917 \ProvidesFile{lettrine-xetex-bidi.def}[2022/11/06 v0.8 bidi adaptations for lettrine package
17918 \def\@lettrine[#1]#2#3{%
17919   \def\l@initial{#2}\let\l@refstring\l@initial
17920   \setcounter{L@lines}{\value{DefaultLines}}%
17921   \setcounter{L@depth}{\value{DefaultDepth}}%
17922   \renewcommand*\L@hang{\DefaultLhang}%
17923   \renewcommand*\L@oversize{\DefaultLoversize}%
17924   \renewcommand*\L@raise{\DefaultLraise}%
17925   \renewcommand*\L@ante{}}%
17926   \setlength{\L@Findent}{\DefaultFindent}%
17927   \setlength{\L@Nindent}{\DefaultNindent}%
17928   \setlength{\L@slope}{\DefaultSlope}%
17929   \setlength{\L@novskip}{\DiscardVskip}%
17930   \ifLettrineImage\L@imagetrue\else\L@imagefalse\fi
17931   \ifLettrineOnGrid\L@gridtrue\else\L@gridfalse\fi
17932   \ifLettrineRealHeight\L@realhtrue\else\L@realhfalse\fi
17933   \setkeys{L}{#1}%
17934   \sbox{\L@tbox}{\LettrineTextFont{\LettrineSecondString}}%
17935   \ifL@realh
17936     \def\@tempa{#3}%
17937     \ifx\@tempa\@empty
17938       \PackageWarning{lettrine.sty}%

```



```

17939      {Empty second argument,\MessageBreak
17940        ignoring option `realheight'};%
17941    \else
17942      \sbox{\L@tbox}{\LettrineTextFont{#3}}%
17943    \fi
17944  \fi
17945  \if\DefaultOptionsFile\relax
17946  \else
17947    \begingroup
17948    \InputIfFileExists{\DefaultOptionsFile}%
17949      {}%
17950      {\PackageWarning{lettrine.sty}%
17951        {File \DefaultOptionsFile\space not found}%
17952      }%
17953    \def\color##1##{\l@color{##1}}%
17954    \let\l@color\@gobbletwo
17955    \def\textcolor##1##{\l@textcolor{##1}}%
17956    \def\l@textcolor##1##2##3{##3}%
17957    \expandafter\ifx\csname l@#2-keys\endcsname\relax
17958      \gdef\l@LOKeys{%
17959        \else
17960        \xdef\l@LOKeys{\csname l@#2-keys\endcsname}%
17961      \fi
17962    \endgroup
17963    \def\KV@prefix{KV@L@}%
17964    \let\@tempc\relax
17965    \expandafter\KV@do\l@LOKeys,\relax,
17966    \setupL@lbox
17967    \setlength{\LettrineWidth}{\wd\L@lbox}%
17968    \def\KV@prefix{KV@L@}%
17969    \let\@tempc\relax
17970    \expandafter\KV@do\l@LOKeys,\relax,
17971    \setkeys{L}{#1}%
17972  \fi
17973  \setupL@lbox
17974  \setlength{\LettrineWidth}{\wd\L@lbox}%
17975  \setlength{\LettrineHeight}{\ht\L@lbox}%
17976  \setlength{\LettrineDepth}{\dp\L@lbox}%
17977  \begingroup
17978  \def\IeC##1{##1}%
17979  \@tempdima=\L@oversize pt\relax
17980  \PackageInfo{lettrine.sty}%
17981    {Targeted height = \the\L@target@tth\MessageBreak
17982    (for loversize=0, accent excluded),\MessageBreak
17983    Lettrine height = \the\LettrineHeight\space (#2)%
17984    \ifdim\@tempdima=z@\else\space loversize=\L@oversize\fi;%
17985    \MessageBreak reported}%
17986  \endgroup
17987  \sbox{\L@tbox}{\LettrineTextFont{#3}}%
17988  \setlength{\L@first}{\LettrineHeight}%
17989  \setlength{\L@lraise}{\L@raise\L@target@tth}%
17990  \addtolength{\L@first}{\L@lraise}%
17991  \ifnum\value{L@lines}=1
17992    \addtolength{\L@first}{-\ht\L@tbox}%

```



```

17993 \else
17994   \addtolength{\L@first}{-\L@target@tht}%
17995   \addtolength{\L@lraise}{-\L@target@dp}%
17996 \fi
17997 \par
17998 \ifdim\L@first>\L@novskip
17999   \ifL@grid
18000     \@tempdima=\baselineskip
18001     \@tempdimb=\@tempdima
18002     \advance\@tempdimb by \L@novskip
18003     \@tempcnta=1
18004     \loop\ifdim\L@first>\@tempdimb
18005       \advance\@tempcnta by 1
18006       \advance\L@first by -\@tempdima
18007     \repeat
18008     \L@first=\@tempcnta\baselineskip
18009   \fi
18010   \vskip\L@first
18011 \fi
18012 \setlength{\L@Pindent}{\wd\L@lbox}%
18013 \addtolength{\L@Pindent}{-\L@hang\wd\L@lbox}%
18014 \settowidth{\L@first}{\L@ante}%
18015 \addtolength{\L@Pindent}{\L@first}%
18016 \addtolength{\L@Pindent}{\L@Findent}%
18017 \setlength{\L@first}{\linewidth}%
18018 \addtolength{\L@first}{-\L@Pindent}%
18019 \addtolength{\L@Nindent}{\L@Pindent}%
18020 \setlength{\L@next}{\linewidth}%
18021 \addtolength{\L@next}{-\L@Nindent}%
18022 \addtolength{\L@Pindent}{\@totalleftmargin}%
18023 \addtolength{\L@Nindent}{\@totalleftmargin}%
18024 \addtocounter{L@lines}{1}%
18025 \addtocounter{L@lines}{\value{L@depth}}%
18026 \if@RTL
18027   \def\L@parshape{\c@L@lines \z@ \the\L@first}%
18028 \else
18029   \def\L@parshape{\c@L@lines \the\L@Pindent \the\L@first}%
18030 \fi
18031 \@tempcnta=\tw@
18032 \@whilenum \@tempcnta<\c@L@lines\do{%
18033   \if@RTL
18034     \edef\L@parshape{\L@parshape \z@ \the\L@next}%
18035   \else
18036     \edef\L@parshape{\L@parshape \the\L@Nindent \the\L@next}%
18037   \fi
18038   \addtolength{\L@Nindent}{\L@slope}%
18039   \addtolength{\L@next}{-\L@slope}%
18040   \advance\@tempcnta\@ne}%
18041 \if@RTL
18042   \edef\L@parshape{\L@parshape \z@ \the\linewidth}%
18043 \else
18044   \edef\L@parshape{\L@parshape \@totalleftmargin \the\linewidth}%
18045 \fi
18046 \noindent

```



```

18047 \parshape=\L@parshape\relax
18048 \smash{\llap{\mbox{\L@ante}\raisebox{\L@lraise}{\usebox{\L@lbox}}}%
18049 \hskip \the\L@Findent}}%
18050 \usebox{\L@tbox}%
18051 \ifnum\@listdepth>0 \lreset@listparshape \fi
18052 }
18053

```

## 107 File `lineno-xetex-bidi.def`

```

18054 \ProvidesFile{lineno-xetex-bidi.def}[2018/01/28 v0.2 bidi adaptations for lineno package for
18055 \bidi@patchcmd{\MakeLineNo}{%
18056 \hb@xt@\z@\makeLineNumber}%
18057 }{%
18058 \hboxL to \z@\makeLineNumber}%
18059 }{}{}
18060
18061 \bidi@patchcmd{\makeLineNumberLeft}{\LineNumber}{%
18062 \if@RTL
18063 \hb@xt@\linenumberwidth{\LineNumber\hss}%
18064 \else
18065 \LineNumber
18066 \fi
18067 }{}{}
18068
18069 \bidi@patchcmd{\makeLineNumberRight}{%
18070 \hb@xt@\linenumberwidth{\hss\LineNumber}%
18071 }{%
18072 \if@RTL
18073 \LineNumber
18074 \else
18075 \hb@xt@\linenumberwidth{\hss\LineNumber}%
18076 \fi
18077 }{}{}
18078
18079 \bidi@AfterPreamble{%
18080 \if@RTLmain
18081 \rightlinenumbers*
18082 \else
18083 \leftlinenumbers*
18084 \fi
18085 \@ifpackagewith{lineno}{left}{%
18086 \leftlinenumbers*
18087 }{}
18088 \@ifpackagewith{lineno}{right}{%
18089 \rightlinenumbers*
18090 }{}
18091 }
18092

```

## 108 File `listings-xetex-bidi.def`

```

18093 \ProvidesFile{listings-xetex-bidi.def}[2018/09/15 v1.5 bidi adaptations for listings package
18094 \lst@Key{captiondirection}{textdirection}{%

```



```

18095 \lstKV@SwitchCases{#1}%
18096 {textdirection:\\%
18097 RTL:\chardef\bidilst@caption@direction\@ne\\%
18098 LTR:\chardef\bidilst@caption@direction\z@%
18099 }\PackageError{Listings}{direction #1 unknown}\@ehc}}
18100
18101 \lst@Key{captionscript}{textscript}{%
18102 \lstKV@SwitchCases{#1}%
18103 {textscript:\\%
18104 latin:\chardef\bidilst@caption@script\@ne\\%
18105 nonlatin:\chardef\bidilst@caption@script\z@%
18106 }\PackageError{Listings}{direction #1 unknown}\@ehc}}
18107
18108 \newcommand*{\bidilst@ensure@caption@direction}[2]{%
18109 \ifundefined{bidilst@caption@direction}{}%
18110 \ifnum\bidilst@caption@direction=\z@%
18111 #1%
18112 \else%
18113 \ifnum\bidilst@caption@direction=\@ne%
18114 #2%
18115 \fi%
18116 \fi%
18117 }}
18118
18119 \newcommand*{\bidilst@ensure@caption@script}[2]{%
18120 \ifundefined{bidilst@caption@script}{}%
18121 \ifnum\bidilst@caption@script=\z@%
18122 #1%
18123 \else%
18124 \ifnum\bidilst@caption@script=\@ne%
18125 #2%
18126 \fi%
18127 \fi%
18128 }}
18129
18130 \long\def\@bidilst@makecaption#1#2{%
18131 \bidilst@ensure@caption@script{\@nonlatintrue}{\@nonlatinfalse}%
18132 \vskip\abovecaptionskip
18133 \bidilst@ensure@caption@direction{\@RTLfalse}{\@RTLtrue}%
18134 \sbox\@tempboxa{%
18135 \bidilst@ensure@caption@direction{\beginL}{\beginR}%
18136 #1: #2%
18137 \bidilst@ensure@caption@direction{\endL}{\endR}%
18138 }%
18139 \ifdim \wd\@tempboxa >\hsize
18140 #1: #2\par
18141 \else
18142 \global \@minipagefalse
18143 \hb@xt@\hsize{\hfil\box\@tempboxa\hfil}%
18144 \fi
18145 \vskip\belowcaptionskip}%
18146 \def\lst@makecaption{\@bidilst@makecaption}
18147 \def\lst@maketitle{\@bidilst@makecaption\lst@title@dropdelim}
18148 \bidilst@AtEndPreamble%

```



```

18149 \bidi@patchcmd{\lst@MakeCaption}{%
18150     \ifx #1t%
18151         \ifx\lst@@caption\@empty\expandafter\lst@HRefStepCounter \else
18152             \expandafter\refstepcounter
18153         \fi {lstlisting}%
18154 }{%
18155     \ifx #1t%
18156         \bidi@lst@ensure@caption@direction{\@RTLfalse}{\@RTLtrue}%
18157         \ifx\lst@@caption\@empty\expandafter\lst@HRefStepCounter \else
18158             \expandafter\refstepcounter
18159         \fi {lstlisting}%
18160         \bidi@lst@ensure@caption@direction{\@RTLfalse}{\@RTLfalse}%
18161 }{}{}%
18162 \bidi@patchcmd{\lst@MakeCaption}{%
18163     \addcontentsline{lol}{lstlisting}%
18164     {\protect\numberline{\thelstlisting}\lst@@caption}%
18165 }{%
18166 \begingroup%
18167     \bidi@lst@ensure@caption@direction{\@RTLfalse}{\@RTLtrue}%
18168     \addcontentsline{lol}{lstlisting}%
18169     {\protect\numberline{\thelstlisting}\lst@@caption}%
18170 \endgroup%
18171 }{}{}%
18172 }
18173 \@ifpackageloaded{caption}{%
18174     \AtBeginCaption{%
18175         \bidi@lst@ensure@caption@script{\@nonlatintrue}{\@nonlatinfalse}%
18176         \bidi@lst@ensure@caption@direction{\@RTLfalse}{\@RTLtrue}%
18177     }
18178     \let\@bidi@lst@makecaption\caption@makecaption%
18179     \def\lst@makecaption{\caption@starfalse\@bidi@lst@makecaption}%
18180     \def\lst@maketitle{\caption@startrue\@bidi@lst@makecaption\@empty}%
18181 }{%
18182 \AtBeginDocument{%
18183     \@ifundefined{captionlabelfalse}{}{%
18184         \def\lst@maketitle{\captionlabelfalse\@bidi@lst@makecaption\@empty}}%
18185     \@ifundefined{caption@startrue}{}{%
18186         \def\lst@maketitle{\caption@startrue\@bidi@lst@makecaption\@empty}}%
18187 }%
18188 }
18189 \AtBeginDocument{
18190     \@ifundefined{thechapter}{\let\lst@ifnumberbychapter\iffalse}{}
18191     \lst@ifnumberbychapter
18192         \gdef\thelstlisting%
18193             {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@lstlisting}
18194     \else
18195         \gdef\thelstlisting{\@arabic\c@lstlisting}
18196     \fi}

```

## 109 File loadingorder-xetex-bidi.def

```

18197 \ProvidesFile{loadingorder-xetex-bidi.def}[2017/12/29 v0.97 making sure that bidi is the las
18198 \bidi@isloaded{amsmath}
18199 \bidi@isloaded{amstext}

```



```

18200 \bidi@isloaded{amsthm}
18201 \bidi@isloaded{animate}
18202 \bidi@isloaded{breqn}
18203 \bidi@isloaded{cals}
18204 \bidi@isloaded{caption}
18205 \bidi@isloaded{crop}
18206 \bidi@isloaded{cuted}
18207 \bidi@isloaded{cutwin}
18208 \bidi@isloaded{color}
18209 \bidi@isloaded{dblfnote}
18210 \bidi@isloaded{diagbox}
18211 \bidi@isloaded{xcolor}
18212 \bidi@isloaded{colortbl}
18213 \bidi@isloaded{float}
18214 \bidi@isloaded{floatrow}
18215 \bidi@isloaded{flowfram}
18216 \bidi@isloaded{framed}
18217 \bidi@isloaded{ftnright}
18218 \bidi@isloaded{xltextra}
18219 \bidi@isloaded{xunicode}
18220 \bidi@isloaded{wrapfig}
18221 \bidi@isloaded{graphicx}
18222 \bidi@isloaded{geometry}
18223 \bidi@isloaded{hvfloat}
18224 \bidi@isloaded{mdframed}
18225 \bidi@isloaded{midfloat}
18226 \bidi@isloaded{ntheorem}
18227 \bidi@isloaded{ntheorem-hyper}
18228 \bidi@isloaded{hyperref}
18229 \bidi@isloaded{fancybox}
18230 \bidi@isloaded{fancyhdr}
18231 \bidi@isloaded{fix2col}
18232 \bidi@isloaded{draftwatermark}
18233 \bidi@isloaded{empheq}
18234 \bidi@isloaded{overpic}
18235 \bidi@isloaded{pdfpages}
18236 \bidi@isloaded{listings}
18237 \bidi@isloaded{lettrine}
18238 \bidi@isloaded{lineno}
18239 \bidi@isloaded{media9}
18240 \bidi@isloaded{pstricks}
18241 \bidi@isloaded{pgf}
18242 \bidi@isloaded{picinpar}
18243 \bidi@isloaded{quotchap}
18244 \bidi@isloaded{tikz}
18245 \bidi@isloaded{titlesec}
18246 \bidi@isloaded{titletoc}
18247 \bidi@isloaded{array}
18248 \bidi@isloaded{soul}
18249 \bidi@isloaded{stabular}
18250 \bidi@isloaded{subfig}
18251 \bidi@isloaded{subfigure}
18252 \bidi@isloaded{supertabular}
18253 \bidi@isloaded{xtab}

```



```

18254 \bidi@isloaded{longtable}
18255 \bidi@isloaded{arydshln}
18256 \bidi@isloaded{multicol}
18257 \bidi@isloaded{multienum}
18258 \bidi@isloaded{minitoc}
18259 \bidi@isloaded{natbib}
18260 \bidi@isloaded{newfloat}
18261 \bidi@isloaded{ragged2e}
18262 \bidi@isloaded{rotating}
18263 \bidi@isloaded{tabls}
18264 \bidi@isloaded{tabulary}
18265 \bidi@isloaded{tocbasic}
18266 \bidi@isloaded{tocstyle}
18267 \bidi@isloaded{tocbibind}
18268 \bidi@isloaded{fontspec}
18269 \bidi@isloaded{arabxetex}
18270 \bidi@isloaded{polyglossia}
18271 \bidi@isloaded{fancyvrb}
18272 \AtBeginDocument{
18273   \if@bidi@amsmathloaded@else
18274     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package amsmath after bidi packa
18275   \fi%
18276   \if@bidi@amstextloaded@else
18277     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package amstext after bidi packa
18278   \fi%
18279   \if@bidi@amsthmloaded@else
18280     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package amsthm after bidi packa
18281   \fi%
18282   \if@bidi@animateloaded@else
18283     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package animate after bidi packa
18284   \fi%
18285   \if@bidi@breqnloaded@else
18286     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package breqn after bidi packag
18287   \fi%
18288   \if@bidi@calsloaded@else
18289     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package cals after bidi package
18290   \fi%
18291   \if@bidi@captionloaded@else
18292     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package caption after bidi packa
18293   \fi%
18294   \if@bidi@croploaded@else
18295     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package crop after bidi package
18296   \fi%
18297   \if@bidi@colorloaded@else
18298     \@ifpackageloaded{hyperref}{\fi}%
18299     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package color after bidi packag
18300   \fi%
18301   \if@bidi@cutwinloaded@else
18302     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package cutwin after bidi packa
18303   \fi%
18304   \if@bidi@cutedloaded@else
18305     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package cuted after bidi packag
18306   \fi%
18307   \if@bidi@dblfnoteloaded@else

```



```

18308     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package dblfnote after bidi pac
18309 \fi%
18310 \if@bidi@diagboxloaded@else
18311     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package diagbox after bidi pack
18312 \fi%
18313 \if@bidi@xcolorloaded@else
18314     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package xcolor after bidi packa
18315 \fi%
18316 \if@bidi@colortblloaded@else
18317     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package colortbl after bidi pac
18318 \fi%
18319 \if@bidi@floatloaded@else
18320     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package float after bidi packag
18321 \fi%
18322 \if@bidi@floatrowloaded@else
18323     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package floatrow after bidi pac
18324 \fi%
18325 \if@bidi@flowframloaded@else
18326     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package flowfram after bidi pac
18327 \fi%
18328 \if@bidi@framedloaded@else
18329     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package framed after bidi packa
18330 \fi%
18331 \if@bidi@ftnrightloaded@else
18332     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package ftnright after bidi pac
18333 \fi%
18334 \if@bidi@xltxtraloaded@else
18335     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package xltxtra after bidi pack
18336 \fi%
18337 \if@bidi@xunicodeloaded@else
18338     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package xunicode after bidi pac
18339 \fi%
18340 \if@bidi@wrapfigloaded@else
18341     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package wrapfig after bidi pack
18342 \fi%
18343 \if@bidi@graphicxloaded@else
18344     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package graphicx after bidi pac
18345 \fi%
18346 \if@bidi@geometryloaded@else
18347     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package geometry after bidi pac
18348 \fi%
18349 \if@bidi@hvfloatloaded@else
18350     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package hvfloat after bidi pack
18351 \fi%
18352 \if@bidi@mdframedloaded@else
18353     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package mdframed after bidi pac
18354 \fi%
18355     \if@bidi@midfloatloaded@else
18356     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package midfloat after bidi pac
18357 \fi%
18358 \if@bidi@ntheoremloaded@else
18359     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package ntheorem after bidi pac
18360 \fi%
18361 \if@bidi@hyperrefloaded@else

```



```

18362 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package hyperref after bidi pac
18363 \fi%
18364 \if@bidi@fancyboxloaded@else
18365 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package fancybox after bidi pac
18366 \fi%
18367 \if@bidi@fancyhdrloaded@else
18368 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package fancyhdr after bidi pac
18369 \fi%
18370 \if@bidi@draftwatermarkloaded@else
18371 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package draftwatermark after bi
18372 \fi%
18373 \if@bidi@empheqloaded@else
18374 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package empheq after bidi packa
18375 \fi%
18376 \if@bidi@overpicloaded@else
18377 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package overpic after bidi pack
18378 \fi%
18379 \if@bidi@pdfpagesloaded@else
18380 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package pdfpages after bidi pac
18381 \fi%
18382 \if@bidi@lettrineloaded@else
18383 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package lettrine after bidi pac
18384 \fi%
18385 \if@bidi@linenoloaded@else
18386 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package lineno after bidi packa
18387 \fi%
18388 \if@bidi@listingsloaded@else
18389 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package listings after bidi pac
18390 \fi%
18391 \csname if@bidi@media9loaded@endcsname\else
18392 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package media9 after bidi packa
18393 \fi%
18394 \if@bidi@pstricksloaded@else
18395 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package pstricks after bidi pac
18396 \fi%
18397 \if@bidi@pgfloaded@else
18398 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package pgf after bidi package.
18399 \fi%
18400 \if@bidi@picinparloaded@else
18401 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package picinpar after bidi pac
18402 \fi%
18403 \if@bidi@quotchaploaded@else
18404 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package quotchap after bidi pac
18405 \fi%
18406 \if@bidi@tikzloaded@else
18407 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package tikz after bidi package
18408 \fi%
18409 \if@bidi@titlesecloaded@else
18410 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package titlesec after bidi pac
18411 \fi%
18412 \if@bidi@titletocloaded@else
18413 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package titletoc after bidi pac
18414 \fi%
18415 \if@bidi@arrayloaded@else

```



```

18416 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package array after bidi package
18417 \fi%
18418 \if@bidi@stabularloaded@else
18419 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package stabular after bidi pack
18420 \fi%
18421 \if@bidi@soulloaded@else
18422 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package soul after bidi package
18423 \fi%
18424 \if@bidi@subfigloaded@else
18425 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package subfig after bidi packa
18426 \fi%
18427 \if@bidi@subfigureloaded@else
18428 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package subfigure after bidi pa
18429 \fi%
18430 \if@bidi@supertabularloaded@else
18431 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package supertabular after bidi
18432 \fi%
18433 \if@bidi@xtabloaded@else
18434 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package xtab after bidi package
18435 \fi%
18436 \if@bidi@longtableloaded@else
18437 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package longtable after bidi pa
18438 \fi%
18439 \if@bidi@arydshlnloaded@else
18440 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package arydshln after bidi pac
18441 \fi%
18442 \if@bidi@multicolloaded@else
18443 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package multicol after bidi pac
18444 \fi%
18445 \if@bidi@multienumloaded@else
18446 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package multienum after bidi pa
18447 \fi%
18448 \if@bidi@minitocloaded@else
18449 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package minitoc after bidi pack
18450 \fi%
18451 \if@bidi@natbibloaded@else
18452 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package natbib after bidi packa
18453 \fi%
18454 \if@bidi@newfloatloaded@else
18455 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package newfloat after bidi pac
18456 \fi%
18457 \csname if@bidi@ragged2eloaded@endcsnameelse
18458 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package ragged2e after bidi pac
18459 \fi%
18460 \if@bidi@rotatingloaded@else
18461 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package rotating after bidi pac
18462 \fi%
18463 \if@bidi@tblsloaded@else
18464 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package tbls after bidi packag
18465 \fi%
18466 \if@bidi@tabularyloaded@else
18467 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package tabulary after bidi pac
18468 \fi%
18469 \if@bidi@tocbasicloaded@else

```



```

18470     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package tocbasic after bidi pac
18471     \fi%
18472     \if@bidi@tocstyleloaded@else
18473         \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package tocstyle after bidi pac
18474     \fi%
18475     \if@bidi@tocbibindloaded@else
18476         \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package tocbibind after bidi pa
18477     \fi%
18478     \if@bidi@fontspecloaded@else
18479         \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package fontspec after bidi pac
18480     \fi%
18481     \if@bidi@arabxetexloaded@else
18482         \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package arabxetex after bidi pa
18483     \fi%
18484     \if@bidi@polyglossialoaded@else
18485         \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package polyglossia after bidi
18486     \fi%
18487     \if@bidi@fancyvrbloaded@else
18488         \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package fancyvrb after bidi pac
18489     \fi%
18490 }

```

## 110 File longtable-xetex-bidi.def

```

18491 \ProvidesFile{longtable-xetex-bidi.def}[2022/05/20 v0.6 bidi adaptations for longtable packa
18492 \def\LT@array[#1]#2{%
18493     \refstepcounter{table}\stepcounter{LT@tables}%
18494     \if l#1%
18495         \if@RTLtab\LTleft\fill \LTright\z@\else\LTleft\z@ \LTright\fill\fi
18496     \else\if r#1%
18497         \if@RTLtab\LTleft\z@ \LTright\fill\else\LTleft\fill \LTright\z@\fi
18498     \else\if c#1%
18499         \LTleft\fill \LTright\fill
18500     \fi\fi\fi
18501     \let\LT@mcol\multicolumn
18502     \let\LT@@tabarray\@tabarray
18503     \let\LT@@hl\hline
18504     \def\@tabarray{%
18505         \let\hline\LT@@hl
18506         \LT@@tabarray}%
18507     \let\\\LT@tabularcrcr\let\tabularnewline\\%
18508     \def\newpage{\noalign{\break}}%
18509     \def\pagebreak{\noalign{\ifnum`}=0\fi\@testopt{\LT@no@pgbk-}4}%
18510     \def\nopagebreak{\noalign{\ifnum`}=0\fi\@testopt\LT@no@pgbk4}%
18511     \let\hline\LT@hline \let\kill\LT@kill\let\caption\LT@caption
18512     \@tempdima\ht\strutbox
18513     \let\@endpbox\LT@endpbox
18514     \ifx\extrarowheight\@undefined
18515         \let\@acol\@tabacol
18516         \let\@classz\@tabclassz \let\@classiv\@tabclassiv
18517         \def\@startpbox{\vtop\LT@startpbox}%
18518         \let\@@startpbox\@startpbox
18519         \let\@@endpbox\@endpbox
18520         \let\LT@LL@FM@cr\@tabularcrcr

```



```

18521 \else
18522   \advance\@tempdima\extrarowheight
18523   \col@sep\@tabcolsep
18524   \let\@startpbox\LT@startpbox\let\LT@LL@FM@cr\@arraycr
18525 \fi
18526 \setbox\@arstrutbox\hbox{\vrule
18527   \@height \arraystretch \@tempdima
18528   \@depth \arraystretch \dp \strutbox
18529   \@width \z@}%
18530 \let\@sharp#\let\protect\relax
18531 \begingroup
18532   \mkpream{#2}%
18533   \xdef\LT@bchunk{%
18534     \global\advance\c@LT@chunks\@ne
18535     \global\LT@rows\z@\setbox\z@\vbox\bgroup
18536       \LT@setprevdepth
18537       \tabskip\LTleft \noexpand\halign to\hsize\bgroup
18538       \tabskip\z@ \@arstrut \@preamble \tabskip\LTRight \cr}%
18539 \endgroup
18540 \expandafter\LT@nofcols\LT@bchunk&\LT@nofcols
18541 \LT@make@row
18542 \m@th\let\par\@empty
18543 \everycr{}\lineskip\z@\baselineskip\z@
18544 \LT@bchunk}
18545 \def\LT@makecaption#1#2#3{%
18546   \LT@mc@col\LT@cols c{\hbox to\z@{\hss\parbox[t]{\LTcapwidth{%
18547     \sbox\@tempboxa{\if@RTL\beginR\fi#1{#2: }#3\if@RTL\endR\fi}%
18548     \ifdim\wd\@tempboxa>\hsize
18549       #1{#2: }#3%
18550     \else
18551       \hbox to\hsize{\hfil\box\@tempboxa\hfil}%
18552     \fi
18553     \endgraf\vskip\baselineskip}%
18554   \hss}}
18555 \ifpackageloaded{caption}{%
18556   \renewcommand\LT@makecaption[3]{%
18557     \caption@LT@make{%
18558       \caption@LT@settype\LTcaptype
18559       \caption@LT@setup
18560       \caption@setautoposition{\ifcase\LT@rows t\else b\fi}%
18561       \caption@startrue#1\caption@starfalse
18562       \caption@prepare@stepcounter\LTcaptype
18563       \caption@begin\LTcaptype
18564       \caption@normalsize
18565       \vskip-\ht\strutbox
18566       \caption@ifdefined\FBifcapttop{%
18567         \let\caption@belowskip\@empty}{}%
18568       \caption@make@above
18569       \caption@@make{#2}{#3}\endgraf
18570       \caption@make@below
18571       \caption@end}}%
18572 }{}
18573 \def\LT@startpbox#1{%
18574   \bgroup\color@begingroup

```



```

18575 \let\@footnotetext\LT@p@ftntext
18576 \let\@LTRfootnotetext\LT@p@LTRftntext
18577 \let\@RTLfootnotetext\LT@p@RTLftntext
18578 \setlength\hsize{#1}%
18579 \arrayparboxrestore
18580 \vrule \@height \ht\@arstrutbox \@width \z@}
18581 \def\LT@p@LTRftntext#1{%
18582 \edef\@tempa{\the\LT@p@ftn\noexpand\LTRfootnotetext[\the\c@footnote]}}%
18583 \global\LT@p@ftn\expandafter{\@tempa{#1}}}%
18584 \def\LT@p@RTLftntext#1{%
18585 \edef\@tempa{\the\LT@p@ftn\noexpand\RTLfootnotetext[\the\c@footnote]}}%
18586 \global\LT@p@ftn\expandafter{\@tempa{#1}}}%
18587
18588
18589 \def\LT@output{%
18590 \ifnum\outputpenalty <-\@Mi
18591 \ifnum\outputpenalty > -\LT@end@pen
18592 \LT@err{floats and marginpars not allowed in a longtable}\@ehc
18593 \else
18594 \setbox\z@\vbox{\unvbox\@cclv}%
18595 \ifdim \ht\LT@lastfoot>\ht\LT@foot
18596 \dimen@\pagegoal
18597 \advance\dimen@-\ht\LT@lastfoot
18598 \ifdim\dimen@<\ht\z@
18599 \setbox\@cclv\vbox{\unvbox\z@\copy\LT@foot\vss}%
18600 \@makecol
18601 \@outputpage
18602 \setbox\z@\vbox{\box\LT@head}%
18603 \fi
18604 \fi
18605 \global\@colroom\@colht
18606 \global\vsizel\@colht
18607 \vbox
18608 {\if@RTLtab\hbox\bgroup\beginR\vbox\bgroup\fi\unvbox\z@\box\ifvoid\LT@lastfoot\LT@fo
18609 \fi
18610 \else
18611 \setbox\@cclv\vbox{\if@RTLtab\hbox\bgroup\beginR\vbox\bgroup\fi\unvbox\@cclv\copy\LT@fo
18612 \@makecol
18613 \@outputpage
18614 \global\vsizel\@colroom
18615 \copy\LT@head\nobreak
18616 \fi}

```

## 111 File `lscope-xetex-bidi.def`

```

18617 \ProvidesFile{lscope-xetex-bidi.def}[2022/07/14 v0.2 bidi adaptations for lscope package for
18618 \bidi@patchcmd{\LS@rot}{\rotatebox{90}{\box\@outputbox}}{%
18619 \if@RTL
18620 \rotatebox[origin=br]{-90}{\box\@outputbox}%
18621 \else
18622 \rotatebox{90}{\box\@outputbox}%
18623 \fi
18624 }{}{}
18625

```



```

18626 \g@addto@macro{\landscape}{%
18627   \if@bidi@csdef{bidi@columnwidth}{%
18628     \bidi@columnwidth\columnwidth
18629   }}%
18630 \let\bidi@left@footnoterule\left@footnoterule
18631 \let\bidi@right@footnoterule\right@footnoterule
18632 \def\left@footnoterule{%
18633   \if@RTL
18634     \bidi@right@footnoterule
18635   \else
18636     \bidi@left@footnoterule
18637   \fi
18638 }%
18639 \def\right@footnoterule{%
18640   \if@RTL
18641     \bidi@left@footnoterule
18642   \else
18643     \bidi@right@footnoterule
18644   \fi
18645 }%
18646 }

```

## 112 File mathtools-xetex-bidi.def

```

18647 \ProvidesFile{mathtools-xetex-bidi.def}[2018/01/07 v0.1 bidi adaptations for mathtools packa
18648 \MHInternalSyntaxOn
18649 \def\MT_define_tagform:nwnn #1[#2]#3#4{
18650   \@namedef{MT_tagform_#1:n}##1
18651   {\maketag@@@{\if@nonlatin\beginR\fi#3\kern\z@\ignorespaces#2{##1}\unskip\@italiccorr#4}
18652 }
18653 \renewtagform{default}{\{ }\}
18654 \MHInternalSyntaxOff

```

## 113 File mdframed-xetex-bidi.def

```

18655 \ProvidesFile{mdframed-xetex-bidi.def}[2013/09/22 v0.4 bidi adaptations for mdframed package
18656 \newif\if@bidi@mdf@RTL
18657 \def\mdf@lrbbox#1{%
18658   \mdf@patchamsthm%patch amsthm
18659   \if@RTL\@bidi@mdf@RTLtrue\fi%
18660   \@RTLfalse%
18661 \setbox#1\vbox\bgroup%
18662   \color@begingroup%
18663   \if@bidi@mdf@RTL\@RTLtrue\fi%
18664   \mdf@horizontalmargin@equation%
18665   \columnwidth=\hsize%
18666   \textwidth=\hsize%
18667   \let\if@nobreak\iffalse%
18668   \let\if@noskipsec\iffalse%
18669   \let\par\@par%
18670   \let\-\@dischph%
18671   \let'\@acci\let\` \@accii\let\=\@acciii%
18672   \parindent\z@ \parskip\z@skip%
18673   \linewidth\hsize%

```



```

18674 \totalleftmargin\z@%
18675 \leftskip\z@skip \rightskip\z@skip \@rightskip\z@skip%
18676 \parfillskip\@flushglue \lineskip\normallineskip%
18677 \baselineskip\normalbaselineskip%
18678 %% \sloppy%
18679 \let\\\@normalcr%
18680 \mdf@par@local%New feature to restore parskip/parindent local in save box
18681 \ifbool{mdf@suppressfirstparskip}{\vspace*{-\parskip}}{}%
18682 \@afterindentfalse%
18683 %\@afterheading%
18684 }
18685 \renewrobustcmd\mdfframetitleenv[1]{%
18686 \mdf@lrbox{\mdf@frametitlebox}%
18687 \mdf@frametitlealignment%
18688 \leavevmode{\color{\mdf@frametitlefontcolor}%
18689 \normalfont\mdf@frametitlefont{#1}
18690 \ifbool{mdf@ignorelastdescenders}%
18691 {%
18692 \par\strut\par
18693 \unskip\unskip\setbox0=\lastbox
18694 \vspace*{\dimexpr\ht\strutbox-\baselineskip\relax}%
18695 }{}}%
18696 \par\unskip\ifvmode\nointerlineskip\hrule \@height\z@ \@width\hsize\fi%
18697 \endmdf@lrbox\relax%
18698 \mdf@ignorevbadness%
18699 \setbox\mdf@frametitlebox=\vbox{\unvbox\mdf@frametitlebox}%
18700 \mdfframetitleboxwidth=\wd\mdf@frametitlebox\relax%
18701 \mdfframetitleboxheight=\ht\mdf@frametitlebox\relax%
18702 \mdfframetitleboxdepth=\dp\mdf@frametitlebox\relax%
18703 \mdfframetitleboxtotalheight=\dimexpr
18704 \ht\mdf@frametitlebox
18705 +\dp\mdf@frametitlebox%
18706 +\mdf@frametitleaboveskip@length
18707 +\mdf@frametitlebelowskip@length
18708 \relax%
18709 }
18710
18711 \renewrobustcmd*\mdf@footnoteoutput{%
18712 \ifvoid\@mpfootins\else%
18713 \nobreak%
18714 \vskip\mdf@footnotedistance@length%
18715 \normalcolor%
18716 \bidi@mpfootnoterule%
18717 \unvbox\@mpfootins%
18718 \fi%
18719 }
18720
18721
18722 \renewrobustcmd*\mdf@footnoteinput{%
18723 \def\@mpfn{mpfootnote}%
18724 \def\thempfn{\thempfootnote}%
18725 \c@mpfootnote\z@%
18726 \let\@footnotetext\@mpfootnotetext%
18727 \let\@LTRfootnotetext\@mpLTRfootnotetext%

```



```

18728 \let\@RTLfootnotetext\@mpRTLfootnotetext%
18729 }

```

## 114 File bidi-media9.sty

```

18730 \ProvidesExplPackage{bidi-media9}{2022/02/18}{0.4}
18731 {bidi fixes for media9 package for the XeTeX engine}
18732
18733 \keys_define:nn{media9/mbtn}{
18734   draft .code:n = {},
18735   final .code:n = {},
18736
18737   tooltip .tl_gset_x:N = \g_mix_tooltip_tl,
18738   tooltip .value_required:n = {true},
18739
18740   overface .code:n = {
18741     \sbox\l_mix_poster_box{
18742       \bool_if:NTF\g_pbs_kscape_bool{\rotatebox{90}{#1}}{\if@RTL\beginR\fi#1\if@RTL\endR\fi}
18743       \mix_pdfxform:n{\l_mix_poster_box}
18744       \tl_gset:Nx\g_mix_overbtn_tl{\mix_pdflastxform:}
18745     },
18746     overface .value_required:n = {true},
18747
18748     downface .code:n = {
18749       \sbox\l_mix_poster_box{
18750         \bool_if:NTF\g_pbs_kscape_bool{\rotatebox{90}{#1}}{\if@RTL\beginR\fi#1\if@RTL\endR\fi}
18751         \mix_pdfxform:n{\l_mix_poster_box}
18752         \tl_gset:Nx\g_mix_downbtn_tl{\mix_pdflastxform:}
18753       },
18754       downface .value_required:n = {true},
18755
18756       3Dgotoview .code:n = {
18757         \tl_set:Nx\l_tmpa_tl{#1} %extract ref
18758         \regex_replace_once:nnN{([~:~+):??.*}{\1}\l_tmpa_tl
18759         \tl_trim_spaces:N\l_tmpa_tl
18760         \tl_if_exist:cTF{ann@\l_tmpa_tl}{
18761           \str_if_eq:eeF{\tl_use:c{ann@\l_tmpa_tl}}{draft}{
18762             \tl_set:Nx\l_tmpp_tl{#1} %extract idx
18763             \regex_replace_once:nnN{[~:~+):??}{\1}\l_tmpp_tl
18764             \tl_trim_spaces:N\l_tmpp_tl
18765             \tl_if_blank:VF\l_tmpp_tl{
18766               \regex_match:nVTF{^[DFLNP]$}\l_tmpp_tl{
18767                 \tl_set:Nx\l_mix_vidx_tl{/\l_tmpp_tl}
18768               }{
18769                 \regex_match:nVTF{^~\d+}$}\l_tmpp_tl{
18770                   \tl_set:Nx\l_mix_vidx_tl{~\l_tmpp_tl}
18771                 }{
18772                   \regex_replace_once:nnN{^~\(\s*\)}{\1}\l_tmpp_tl
18773                   \regex_replace_once:nnN{\s*\)}{\1}\l_tmpp_tl
18774                   \tl_set:Nx\l_mix_vidx_tl{~(\l_tmpp_tl)}
18775                 }
18776               }
18777             }
18778             \mix_pdfobj:nnn{}{dict}{

```



```

18779 /S/JavaScript/JS~(
18780 if(typeof(annotRM)=='undefined'){annotRM=new~Array();}
18781 if(typeof(annotRM['\l_tmpa_tl'])=='undefined'){
18782     annotRM['\l_tmpa_tl']=
18783     this.getAnnotRichMedia(\tl_use:c{page@\l_tmpa_tl},'\l_tmpa_tl');
18784 }
18785     annotRM['\l_tmpa_tl'].activated=true;
18786 )
18787 \tl_if_blank:VF\l_tmpb_tl{
18788     /Next~<<
18789     /S/GoTo3DView
18790     /TA-\tl_use:c{ann@\l_tmpa_tl}
18791     /V\l_mix_vidx_tl
18792     >>
18793 }
18794 }
18795 \tl_gput_right:Nx\g_mix_btnactions_tl{~\mix_pdflastobj:}
18796 }
18797 }{
18798     \msg_warning:nnx{media9}{undefined-reference}{\l_tmpa_tl}
18799     \cs_if_exist:NF\g_mix_refundefwarned_tl{
18800         \tl_new:N\g_mix_refundefwarned_tl
18801         \AtEndDocument{\msg_warning:nn{media9}{undefined-references}}
18802     }
18803 }
18804 },
18805 3Dgotoview .value_required:n = {true},
18806
18807 mediacommand .code:n = {
18808     \tl_set:Nx\l_tmpa_tl{#1}
18809     \regex_replace_once:nnN{([~:]+)??.*}{\1}\l_tmpa_tl %extract ref
18810     \tl_trim_spaces:N\l_tmpa_tl
18811     \tl_if_exist:cTF{ann@\l_tmpa_tl}{
18812         \str_if_eq:eeF{\tl_use:c{ann@\l_tmpa_tl}}{draft}{
18813             \tl_set:Nx\l_tmpb_tl{#1}
18814             \regex_replace_once:nnN{[~:]+\?:}{}\l_tmpb_tl
18815             \tl_trim_spaces:N\l_tmpb_tl
18816             \regex_replace_all:nnN{^{\|}$}{}\l_tmpb_tl
18817             \tl_set:Nx\l_mix_cmd_tl{
18818                 \exp_after:wN\mix_separate_cmd_from_actn:w\l_tmpb_tl[]\q_stop}
18819             \tl_trim_spaces:N\l_mix_cmd_tl
18820             \tl_set:Nx\l_mix_arg_tl{
18821                 \exp_after:wN\mix_separate_arg_from_actn:w\l_tmpb_tl[]\q_stop}
18822             \tl_trim_spaces:N\l_mix_arg_tl
18823             \mix_pdfobj:nnn{}{dict}{
18824                 /S/JavaScript/JS~(
18825                     if(typeof(annotRM)=='undefined'){annotRM=new~Array();}
18826                     if(typeof(annotRM['\l_tmpa_tl'])=='undefined'){
18827                         annotRM['\l_tmpa_tl']=
18828                         this.getAnnotRichMedia(\tl_use:c{page@\l_tmpa_tl},'\l_tmpa_tl');
18829                     }
18830                     annotRM['\l_tmpa_tl'].activated=true;
18831                 )
18832                 \tl_if_blank:VF\l_mix_cmd_tl{

```



```

18833         /Next~<<
18834         /S/RichMediaExecute
18835         /TA~\tl_use:c{ann@\l_tmpa_tl}
18836         /TI~\tl_use:c{main@\l_tmpa_tl}
18837         /CMD~<<
18838         /C~(\l_mix_cmd_tl)
18839         \tl_if_blank:VF\l_mix_arg_tl{
18840         /A~[\l_mix_arg_tl]
18841         }
18842         >>
18843         >>
18844     }
18845 }
18846 \tl_gput_right:Nx\g_mix_btnactions_tl{~\mix_pdflastobj:}
18847 }
18848 ){
18849     \msg_warning:nnx{media9}{undefined-reference}{\l_tmpa_tl}
18850     \cs_if_exist:NF\g_mix_refundefwarned_tl{
18851         \tl_new:N\g_mix_refundefwarned_tl
18852         \AtEndDocument{\msg_warning:nn{media9}{undefined-references}}
18853     }
18854 }
18855 },
18856 mediacommand .value_required:n = {true},
18857
18858 jsaction .code:n = {
18859     \tl_set:Nx\l_tmpa_tl{#1}
18860     \regex_match:nVTF{^[^\{:\}+:.~*}$\l_tmpa_tl{
18861         \regex_replace_once:nnN{([^\{:\}+:.~*}$){\1}\l_tmpa_tl %extract ref
18862         \tl_trim_spaces:N\l_tmpa_tl
18863     }{\tl_clear:N\l_tmpa_tl}
18864     \tl_set:Nx\l_tmpb_tl{#1}
18865     \tl_if_blank:VF\l_tmpa_tl{
18866         \tl_if_exist:cF{ann@\l_tmpa_tl}{
18867             \msg_warning:nnx{media9}{undefined-reference}{\l_tmpa_tl}
18868             \cs_if_exist:NF\g_mix_refundefwarned_tl{
18869                 \tl_new:N\g_mix_refundefwarned_tl
18870                 \AtEndDocument{\msg_warning:nn{media9}{undefined-references}}
18871             }
18872         }
18873         \regex_replace_once:nnN{[^\{:\}+:.~*}$}{\l_tmpb_tl}
18874     }
18875     \tl_set:Nx\l_tmpb_tl{\exp_after:wN\use:n\l_tmpb_tl}
18876     \tl_trim_spaces:N\l_tmpb_tl
18877     \tl_if_blank:VF\l_tmpb_tl{
18878         \mix_pdfobj:nnn{}{dict}{
18879             /S/JavaScript/JS~(
18880                 try{\l_tmpb_tl}catch(e){console.show();console.println(e)})}}
18881     \bool_lazy_and:nnT{
18882         \tl_if_exist_p:c{ann@\l_tmpa_tl}
18883     }{
18884         !\str_if_eq_p:ee{\tl_use:c{ann@\l_tmpa_tl}}{draft}
18885     }{
18886         \mix_pdfobj:nnn{}{dict}{

```



```

18887      /S/JavaScript/JS~(
18888          if(typeof(annotRM)=='undefined'){annotRM=new~Array();}
18889          if(typeof(annotRM['\l_tmpa_tl'])=='undefined'){
18890              annotRM['\l_tmpa_tl']=
18891                  this.getAnnotRichMedia(\tl_use:c{page@\l_tmpa_tl},'\l_tmpa_tl');
18892          }
18893          annotRM['\l_tmpa_tl'].activated=true;
18894      )
18895      \tl_if_blank:VF\l_tmpb_tl{/Next~\mix_pdflastobj:}
18896  }
18897  }
18898  \bool_if:nT{
18899      \bool_lazy_and_p:nn{
18900          \tl_if_exist_p:c{ann@\l_tmpa_tl}
18901      }{
18902          !\str_if_eq_p:ee{\tl_use:c{ann@\l_tmpa_tl}}{draft}
18903      }
18904      || !\tl_if_blank_p:V\l_tmpb_tl
18905  }{
18906      \tl_gput_right:Nx\g_mix_btnactions_tl{~\mix_pdflastobj:}
18907  }
18908  },
18909  jsaction .value_required:n = {true},
18910
18911  unknown .code:n = {
18912      \msg_error:nx{media9}{unknown~option}{\l_keys_key_tl}
18913  }
18914 }
18915
18916 \RenewDocumentCommand\includemedia{0{mm}}{%#1 options, #2 text/image #3 media file
18917     \mix_uriend:
18918     \group_begin:
18919     \mix_beginLTR:
18920     \mode_leave_vertical:
18921     %empty stream as appearance dummy
18922     \cs_if_exist:NF\g_mix_appearance_tl{
18923         \hbox_set:Nn\l_mix_poster_box{\phantom{\rule{1pt}{1pt}}}
18924         \mix_pdfxform:n{\l_mix_poster_box}
18925         \tl_gset:Nx\g_mix_appearance_tl{\mix_pdflastxform:}
18926     }
18927     \mix_reset:
18928     \mix_urbegin: %treat URI characters correctly
18929     \keys_set:nn{media9/user}{#1}
18930     \mix_uriend:
18931     \tl_greplace_all:Nnn\g_mix_flashvars_tl{~&}{&}
18932     \tl_greplace_all:Nnn\g_mix_flashvars_tl{&~}{&}
18933     \tl_greplace_all:Nnn\g_mix_flashvars_tl{~=}{=}
18934     \tl_greplace_all:Nnn\g_mix_flashvars_tl{=~}{=}
18935     \tl_gtrim_spaces:N\g_mix_flashvars_tl
18936
18937     \cs_if_exist:NT\Ginput@path{\cs_set_eq:NN\input@path\Ginput@path}
18938
18939     %\hbox_set:Nn\l_mix_poster_box{\group_begin:#2\group_end:}
18940     %\hbox_set:Nn\l_mix_poster_box{#2}

```



```

18941 \sbox\l_mix_poster_box{\if@RTL\beginR\fi#2\if@RTL\endR\fi}
18942 \mix_scale:n{\l_mix_poster_box}
18943 \bool_if:nTF{
18944   \dim_compare_p:n{\g_mix_tt_tl=\c_zero_dim}||
18945   \dim_compare_p:n{\g_mix_wd_tl=\c_zero_dim}
18946 }{
18947   \tl_gset:Nn\g_mix_usrpbtn_tl{none}
18948 }
18949 \bool_if:NTF\g_mix_usrdraft_bool{
18950   \tl_if_empty:NF\g_mix_usrlabel_tl{
18951     \mix_keytoaux_now:nn{ann@\g_mix_usrlabel_tl}{draft}
18952   }
18953   \tl_if_blank:oTF{#2}{
18954     \mix_urbegin: %treat URI characters correctly
18955     \mix_draftbox:n{\tl_to_str:n{#3}}
18956     \mix_uriend:
18957   }{
18958     \hbox_to_wd:nn{\g_mix_wd_tl}{
18959       \vrule-width~\c_zero_dim-height~\g_mix_ht_tl-depth~\g_mix_dp_tl
18960       \box_use:N\l_mix_poster_box\hss
18961     }
18962   }
18963 }{
18964   \bool_if:nF{\str_if_eq_p:Vn\g_mix_usrpbtn_tl{none}}{
18965     %attach script that switches off play button overlay upon activation
18966     \mix_pdfobj:nnn{}{stream}{
18967       {}{
18968         var~ocgs=host.getOCGs(host.pageNum);
18969         for(var~i=0;i<ocgs.length;i++){
18970           if(ocgs[i].name=='MediaPlayButton\int_use:N\g_mix_rmcnt_int'){
18971             ocgs[i].state=false;
18972           }
18973         }
18974       }
18975     }
18976     \mix_pdfobj:nnn{}{dict}{
18977       /Type/Filespec/EF~<</F~\mix_pdflastobj:>>/F~(btnoff)%/UF~(btnoff)
18978     }
18979     \tl_gset:Nx\g_mix_assets_tl{(btnoff)~\mix_pdflastobj:}
18980     \tl_set:Nx\l_mix_scripts_tl{~\mix_pdflastobj:~}
18981     %enforce plain playbutton overlay for XeTeX
18982     \sys_if_engine_xetex:T{\tl_gset:Nn\g_mix_usrpbtn_tl{plain}}
18983   }
18984   %embed main asset
18985   \mix_urbegin:
18986   \mix_embedasset:n{#3}
18987   \bool_if:nTF{
18988     \str_if_eq_p:Vn\l_mix_ext_tl{prc}||\str_if_eq_p:Vn\l_mix_ext_tl{u3d}
18989   }{
18990     \bool_gset_true:N\g_mix_iiid_bool
18991     \tl_gset:Nn\g_mix_mainassetsub_tl{3D}
18992   }{
18993     \str_case_e:nnF{\l_mix_base_tl}{
18994       {APlayer}{\tl_gset:Nn\g_mix_mainassetsub_tl{Sound}}

```



```

18995     {AudioPlayer}}{\tl_gset:Nn\g_mix_mainassetsub_tl{Sound}}
18996     {VPlayer}}{\tl_gset:Nn\g_mix_mainassetsub_tl{Video}}
18997     {VideoPlayer}}{\tl_gset:Nn\g_mix_mainassetsub_tl{Video}}
18998     {StrobeMediaPlayback}}{\tl_gset:Nn\g_mix_mainassetsub_tl{Video}}
18999   }{\tl_gset:Nn\g_mix_mainassetsub_tl{Flash}}
19000 }
19001 \tl_gset:Nx\g_mix_mainasset_tl{~\g_mix_lastasset_tl}
19002 \mix_uriend:
19003 %secondary assets (added by addresource)
19004 \seq_map_function:NN\g_mix_res_seq\mix_embedasset:n
19005 \seq_map_inline:Nn\g_mix_script_seq{
19006   \mix_embedasset:n{##1}
19007   \tl_put_right:Nx\l_mix_scripts_tl{~\g_mix_lastasset_tl}
19008 }
19009 %attach 3D calculation script
19010 \bool_if:nT{\g_mix_iiid_bool && \g_mix_iiidcalc_bool}{
19011   \mix_embedasset:n{3Dmenu.js}
19012   \tl_put_left:Nx\l_mix_scripts_tl{\g_mix_lastasset_tl~}
19013 }
19014 %create 3D views from file (option 3Dviews)
19015 \bool_if:nT{\g_mix_iiid_bool && !(\tl_if_blank_p:V\g_mix_vfile_tl)}{
19016   \tl_set:Nn\l_mix_level_tl{-1}
19017   \int_zero:N\l_mix_viewcnt_int
19018   \int_zero:N\l_mix_lineno_int
19019
19020   \ior_open:Nn\l_mix_vfile_stream{\g_mix_vfile_tl}
19021   \ior_map_inline:Nn\l_mix_vfile_stream{
19022     \int_incr:N\l_mix_lineno_int
19023     \keys_set:nn{media9/views}{##1} %process input line
19024   }
19025   \ior_close:N\l_mix_vfile_stream
19026 }
19027 \bool_if:nT{ %create default 3D view if required
19028   \g_mix_iiid_bool &&
19029   (\g_mix_opt_iiidview_bool || \tl_if_blank_p:V\l_mix_iiidviewarray_tl)
19030 }{
19031   \tl_set_eq:NN\l_mix_bg_tl\g_mix_opt_bg_tl
19032   \tl_set_eq:NN\l_mix_ls_tl\g_mix_opt_ls_tl
19033   \tl_set_eq:NN\l_mix_rm_tl\g_mix_opt_rm_tl
19034   \tl_set_eq:NN\l_mix_psob_tl\g_mix_opt_psob_tl
19035   \tl_set_eq:NN\l_mix_coo_tl\g_mix_opt_coo_tl
19036   \tl_set_eq:NN\l_mix_ctoc_tl\g_mix_opt_ctoc_tl
19037   \tl_set_eq:NN\l_mix_ciiw_tl\g_mix_opt_ciiw_tl
19038
19039   \fp_set_eq:NN\l_mix_roo_fp\g_mix_opt_roo_fp
19040   \fp_set_eq:NN\l_mix_aac_fp\g_mix_opt_aac_fp
19041   \fp_set_eq:NN\l_mix_oscale_fp\g_mix_opt_oscale_fp
19042   \fp_set_eq:NN\l_mix_roll_fp\g_mix_opt_roll_fp
19043
19044   \bool_set_eq:NN\l_mix_ciiw_bool\g_mix_opt_ciiw_bool
19045   \bool_set_eq:NN\l_mix_iiidortho_bool\g_mix_opt_iiidortho_bool
19046   \tl_clear:N\l_mix_naarray_tl
19047
19048   \bool_if:NF\l_mix_ciiw_bool{

```



```

19049     \tl_set:Nx\l_mix_args_tl{\l_mix_coo_tl\space\l_mix_ctoc_tl\space}
19050     \exp_after:wN\mix_calc_ciiw:w\l_mix_args_tl\q_stop
19051   }
19052
19053   \tl_clear:N\l_mix_naarray_tl
19054   \tl_clear:N\l_mix_saarray_tl
19055   \tl_set_eq:NN\l_mix_nr_tl\g_mix_nrdflt_tl
19056
19057   \mix_view:n{Default}
19058   \tl_set:Nx\l_mix_dfltview_tl{\mix_pdflastobj:}
19059
19060   }
19061   \mix_pdfobj:nnn{}{dict}{
19062     /Type/RichMediaInstance
19063     /Subtype/\g_mix_mainassetsub_tl
19064     /Asset~\g_mix_mainasset_tl
19065     \bool_if:NF\g_mix_iiid_bool{
19066       /Params~<<
19067       /Binding\str_if_eq:VnTF\g_mix_transp_tl{true}{
19068         /Foreground
19069       }{
19070         /Background
19071       }
19072       \tl_if_blank:VF\g_mix_flashvars_tl{
19073         /FlashVars~(\g_mix_flashvars_tl)
19074       }
19075       >>
19076     }
19077   }
19078   \tl_if_empty:NF\g_mix_usrlabel_tl{
19079     \mix_keytoaux_now:nn{main@\g_mix_usrlabel_tl}{\mix_pdflastobj:}
19080   }
19081   \mix_pdfobj:nnn{}{dict}{
19082     /Type/RichMediaConfiguration
19083     /Subtype/\g_mix_mainassetsub_tl
19084     /Instances~[\mix_pdflastobj:]
19085   }
19086   \mix_pdfobj:nnn{}{dict}{
19087     /Type/RichMediaContent
19088     /Assets~<</Names~[\g_mix_assets_tl]>>
19089     /Configurations~[\mix_pdflastobj:]
19090     \bool_if:nT{
19091       \g_mix_iiid_bool && !(\tl_if_empty_p:V\l_mix_iiidviewarray_tl)
19092     }{
19093       /Views~[\l_mix_iiidviewarray_tl]
19094     }
19095   }
19096   \tl_set:Nx\l_mix_content_tl{\mix_pdflastobj:}
19097   \bool_if:nT{
19098     \g_mix_iiid_bool && \str_if_eq_p:Vn\g_mix_playtpe_tl{Oscillating}
19099   }{
19100     \tl_gset:Nx\g_mix_playcnt_tl{\int_eval:n{\g_mix_playcnt_tl*2}}
19101   }
19102   %determine floating window size

```



```

19103 \bool_if:NT\g_mix_opt_windowed_bool{
19104 \exp_after:wN\mix_parse_winsizearg:w\g_mix_winsize_tl\q_stop
19105 }
19106 \mix_pdfobj:nnn{}{dict}{
19107 /Activation~<<
19108 /Condition\g_mix_act_tl
19109 \bool_if:nT{
19110 \g_mix_iiid_bool &&
19111 !(\str_if_eq_p:Vn\g_mix_playtpe_tl{None})
19112 }{ %seems to work only with 3D content
19113 /Animation~<<
19114 /Subtype\g_mix_playtpe_tl
19115 /PlayCount~\g_mix_playcnt_tl
19116 /Speed~\g_mix_playspd_tl
19117 >>
19118 }
19119 \bool_if:nT{
19120 \g_mix_iiid_bool && (
19121 \g_mix_opt_iiidview_bool || \tl_if_blank_p:V\l_mix_iiidviewarray_tl
19122 )
19123 }{/View~\l_mix_dfltview_tl}
19124 /Presentation~<<
19125 /Transparent~\g_mix_transp_tl
19126 \bool_if:NTF\g_mix_opt_windowed_bool{
19127 /Style/Windowed
19128 /Window~<<
19129 /Width~<</Default~\tl_mix_fltd>>
19130 /Height~<</Default~\tl_mix_fltht>>
19131 /Position~<<
19132 /HOffset~0/VOffset~0
19133 \str_case_e:nnF{\g_mix_winpos_tl}{
19134 {tl}{/VAlign/Near/HAlign/Near}
19135 {cl}{/VAlign/Center/HAlign/Near}
19136 {bl}{/VAlign/Far/HAlign/Near}
19137 {bc}{/VAlign/Far/HAlign/Center}
19138 {br}{/VAlign/Far/HAlign/Far}
19139 {cr}{/VAlign/Center/HAlign/Far}
19140 {tr}{/VAlign/Near/HAlign/Far}
19141 {tc}{/VAlign/Near/HAlign/Center}
19142 }{/HAlign/Center/VAlign/Center}
19143 >>
19144 >>
19145 }{
19146 /Style/Embedded
19147 }
19148 \bool_if:NTF\g_mix_iiid_bool{
19149 /Toolbar~\g_mix_tools_tl
19150 /NavigationPane~\g_mix_nav_tl
19151 }{
19152 /PassContextClick~\g_mix_contextclick_tl
19153 }
19154 >>
19155 \tl_if_blank:VF\l_mix_scripts_tl{/Scripts~[\l_mix_scripts_tl]}
19156 >>

```



```

19157     /Deactivation~<</Condition\g_mix_deact_tl>>
19158 }
19159 \tl_set:Nx\l_mix_settings_tl{\mix_pdflastobj:}
19160 \tl_if_empty:NF\g_mix_usrlabel_tl{
19161     \tl_gset_eq:NN\g_mix_label_tl\g_mix_usrlabel_tl
19162 }
19163 % #1:width, #2:height, #3:depth, #4:content (key-value)
19164 \mix_pdfannot:nnnn{\g_mix_wd_tl}{\g_mix_ht_tl}{\g_mix_dp_tl}{
19165     /Subtype/RichMedia
19166     /F~4
19167     /BS~<</W~0/S/S>>
19168     /Contents~(media~embedded~by~media9~[\g_mix_version_tl~(\g_mix_date_tl)])
19169     /NM~(\g_mix_label_tl)
19170     /AP~<</N~\g_mix_appearance_tl>>
19171     /RichMediaSettings~\l_mix_settings_tl
19172     /RichMediaContent~\l_mix_content_tl
19173 }
19174 \tl_if_empty:NF\g_mix_usrlabel_tl{
19175     \mix_keytoaux_now:nn{ann@\g_mix_usrlabel_tl}{\mix_pdflastann:}
19176     \mix_keytoaux_shipout:nn{page@\g_mix_usrlabel_tl}{
19177         \noexpand\the\g_mix@page@int}
19178 }
19179 \mix_pdfobj:nnn{}{dict}{
19180     /S/JavaScript/JS~(
19181         try{
19182             if(typeof(annotRM)=='undefined'){annotRM=new~Array();}
19183             if(typeof(annotRM['\g_mix_label_tl'])=='undefined'){
19184                 annotRM['\g_mix_label_tl']=
19185                     this.getAnnotRichMedia(this.pageNum,'\g_mix_label_tl');
19186             }
19187             \str_if_eq:eeF{\g_mix_usrpbtn_tl}{none}{
19188                 if(typeof(ocgBtn\int_use:N\g_mix_rmcnt_int)=='undefined'){
19189                     var~ocgs=this.getOCGs(this.pageNum);
19190                     for(var~i=0;i<ocgs.length;i++){
19191                         if(ocgs[i].name=='MediaPlayerButton\int_use:N\g_mix_rmcnt_int'){
19192                             var~ocgBtn\int_use:N\g_mix_rmcnt_int=ocgs[i];
19193                         }
19194                     }
19195                 }
19196                 if(
19197                     !annotRM['\g_mix_label_tl'].activated&&(
19198                         app.viewerType=='Reader' ||
19199                         app.viewerType=='Exchange' ||
19200                         app.viewerType=='Exchange-Pro'
19201                     )&&app.viewerVersion>=9
19202                 ){
19203                     ocgBtn\int_use:N\g_mix_rmcnt_int.state=true;
19204                 }
19205             }
19206         }catch(e){}
19207         this.dirty=false;
19208     )
19209 }
19210 \mix_pdfannot:nnnn{Opt}{Opt}{Opt}{

```



```

19211 /Subtype/Widget
19212 /FT/Btn/Ff~65537/F~2
19213 /BS~<</W~0>>
19214 /T~(fd@{g_mix_label_tl}
19215 /AA~<</PO~\mix_pdflastobj:~/PV~\mix_pdflastobj:>>
19216 }
19217 \mix_appendtofields:n{\mix_pdflastann:}
19218 \hbox_overlap_right:n{\box_use:N\l_mix_poster_box}
19219 \str_if_eq:eeTF{\g_mix_usrpbtn_tl}{none}{
19220 \hbox_to_wd:nn{\g_mix_wd_tl}{
19221 \vrule~width~\c_zero_dim~height~\g_mix_ht_tl~depth~\g_mix_dp_tl\hss
19222 }
19223 }{%insert play button overlay
19224 \mix_insert_btnocg: %create OCG
19225 \cs_gset_eq:Nc\mix_pbtn:NN{g@mix@pbtn@\g_mix_usrpbtn_tl @tl}
19226 \group_begin:
19227 \cs_if_exist:NT\textdir{\textdir TLT}
19228 \sbox\l_mix_pbtn_box{\mix_pbtn:NN\g_mix_wd_tl\g_mix_tt_tl}
19229 \box_move_down:nn{\g_mix_dp_tl}{
19230 \hbox_to_wd:nn{\g_mix_wd_tl}{
19231 \vbox_to_ht:nn{\g_mix_tt_tl}{
19232 \vss
19233 \ocgbase_oc_bdc:n{\g_mix_btnocg_tl}
19234 \box_use:N\l_mix_pbtn_box
19235 \ocgbase_oc_emc:
19236 }
19237 }
19238 }
19239 \group_end:
19240 }
19241 \int_gincr:N\g_mix_rmcnt_int
19242 }
19243 \mix_endLTR:
19244 \group_end:
19245 }
19246 \tl_set_eq:NN\l_mix_includemedia_tl\includemedia
19247 \tl_set:Nn\includemedia{\mix_uribegin:\l_mix_includemedia_tl}
19248
19249 \RenewDocumentCommand\mediabutton{0{}m}{%#1 options, #2 normal button text
19250 \mix_uribegin:
19251 \group_begin:
19252 \mix_beginLTR:
19253 \mode_leave_vertical:
19254 %reset various variables
19255 \tl_gclear:N\g_mix_overbtn_tl
19256 \tl_gclear:N\g_mix_downbtn_tl
19257 \tl_gclear:N\g_mix_btnactions_tl
19258 \tl_gclear:N\g_mix_tooltip_tl
19259 %process options
19260 \bool_gset_eq:NN\g_mix_btndraft_bool\g_mix_pkgdraft_bool
19261 \mix_uribegin: %treat URI characters correctly
19262 \keys_set:nn{media9/mbtndraft}{#1} %detect draft/final on first pass
19263 \bool_if:NF\g_mix_btndraft_bool{\keys_set:nn{media9/mbtn}{#1}}
19264 \mix_uribegin:

```



```

19265 %normal button appearance
19266 %\hbox_set:Nn\l_mix_poster_box{#2}
19267 \sbox\l_mix_poster_box{\if@RTL\beginR\fi#2\if@RTL\endR\fi}
19268 \tl_set:Nx\width {\dim_use:N\box_wd:N\l_mix_poster_box}
19269 \tl_set:Nx\height{\dim_use:N\box_ht:N\l_mix_poster_box}
19270 \tl_set:Nx\depth {\dim_use:N\box_dp:N\l_mix_poster_box}
19271 \bool_if:NTF\g_mix_btndraft_bool{\box_use:N\l_mix_poster_box}{
19272   \sbox\l_mix_poster_box{\bool_if:NTF\g_pbs_lscape_bool{\rotatebox{90}{
19273     \box_use:N\l_mix_poster_box}}{\box_use:N\l_mix_poster_box}}
19274   \mix_pdfxform:n{\l_mix_poster_box}
19275   \tl_set:Nx\g_mix_normalbtn_tl{\mix_pdflastxform:}
19276   %insert widget annotation
19277   \mix_pdfannot:nnnn{\width}{\height}{\depth}{
19278     /Subtype/Widget
19279     /T~(mbtn@int_use:N\g_mix_mbtncnt_int)
19280     \tl_if_empty:NF\g_mix_tooltip_tl{TU~(\g_mix_tooltip_tl)}
19281     /FT/Btn/Ff~65536
19282     \tl_if_empty:NF\g_mix_downbtn_tl{H/I}{H/P}
19283     /AP~<<
19284       /N~\g_mix_normalbtn_tl
19285       \tl_if_empty:NF\g_mix_overbtn_tl{R~\g_mix_overbtn_tl}
19286       \tl_if_empty:NF\g_mix_downbtn_tl{D~\g_mix_downbtn_tl}
19287     >>
19288     /MK~<<
19289       /TP~1~/IF~<</S/A/FB~true/A~[0.0~0.0]>>
19290       /I~\g_mix_normalbtn_tl
19291       \tl_if_empty:NF\g_mix_overbtn_tl{RI~\g_mix_overbtn_tl}
19292       \tl_if_empty:NF\g_mix_downbtn_tl{IX~\g_mix_downbtn_tl}
19293     >>
19294     /A~<<
19295       /S/JavaScript/JS~(app.focusRect=false;)
19296       %sequence of actions to perform
19297       \tl_if_empty:NF\g_mix_btnactions_tl{Next~[\g_mix_btnactions_tl]}
19298     >>
19299   }
19300   \mix_appendtofields:n{\mix_pdflastann:}
19301   \hbox_to_wd:nn{\width}{
19302     \vrule~width~\c_zero_dim~height~\height~depth~\depth\hss
19303   }
19304   \int_gincr:N\g_mix_mbtncnt_int
19305 }
19306 \mix_endLTR:
19307 \group_end:
19308 }
19309 \tl_set_eq:NN\l_mix_mediabutton_tl\mediabutton
19310 \tl_set:Nn\mediabutton{\mix_uribegin:\l_mix_mediabutton_tl}
19311

```

## 115 File memoir-xetex-bidi.def

```

19312 \ProvidesFile{memoir-xetex-bidi.def}[2017/06/09 v0.6 bidi adaptations for memoir class for X
19313 \renewcommand{\keepthetitle}{%
19314   \@bsmtitleempty
19315   \global\let\thanks\relax

```



```

19316 \global\let\LTRthanks\relax
19317 \global\let\RTLthanks\relax
19318 \global\let\and\relax
19319 \global\let\andnext\relax
19320 \global\let\@thanks\@empty
19321 \global\let\@title\@empty
19322 \global\let\@author\@empty
19323 \global\let\@date\@empty}
19324 \renewcommand{\maketitle}{\par
19325 \begingroup
19326 \@bsmarkseries
19327 \def\@makefnmark{\@textsuperscript{%
19328 \normalfont\@bsthanksheadpre \tamark \@bsthanksheadpost}}}%
19329 \long\def\@makefntext##1{\makethanksmark ##1}
19330 \if@twocolumn
19331 \ifnum \col@number=\@ne
19332 \@maketitle
19333 \else
19334 \twocolumn[\@maketitle]%
19335 \fi
19336 \else
19337 \ifdim\pagetotal>\z@
19338 \newpage
19339 \fi
19340 \global\@topnum\z@
19341 \@maketitle
19342 \fi
19343 \thispagestyle{title}\@thanks
19344 \endgroup
19345 \@bscontmark % \setcounter{footnote}{0}%
19346 }
19347 \renewcommand*{\memRTLleftskip}{\if@RTL\rightskip\else\leftskip\fi}
19348 \renewcommand*{\memRTLrightskip}{\if@RTL\leftskip\else\rightskip\fi}
19349 \renewcommand*{\memRTLvleftskip}{\if@RTL\vrightskip\else\vleftskip\fi}
19350 \renewcommand*{\memRTLvrightskip}{\if@RTL\vleftskip\else\vrightskip\fi}
19351 \renewcommand*{\memRTLraggedright}{\if@RTL\raggedleft\else\raggedright\fi}
19352 \renewcommand*{\memRTLraggedleft}{\if@RTL\raggedright\else\raggedleft\fi}
19353 \renewcommand*{\thesection}{\thechapter\@SepMark\@arabic\c@section}
19354 \renewcommand*{\thesubsection}{%
19355 \thesection\@SepMark\@arabic\c@subsection}
19356 \renewcommand*{\thesubsubsection}{%
19357 \thesubsection\@SepMark\@arabic\c@subsubsection}
19358 \renewcommand*{\theparagraph}{%
19359 \thesubsubsection\@SepMark\@arabic\c@paragraph}
19360 \renewcommand*{\thesubparagraph}{%
19361 \theparagraph\@SepMark\@arabic\c@subparagraph}
19362 \renewcommand{\setthesection}{\thechapter\@SepMark\Alph{section}}
19363 \renewcommand{\theequation}{%
19364 \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
19365 \renewcommand{\thefigure}{\thechapter\@SepMark\@arabic\c@figure}
19366 \renewcommand{\thetable}{\thechapter\@SepMark\@arabic\c@table}
19367 \ifartopt
19368 \chapterstyle{article}
19369 \counterwithout{figure}{chapter}

```



```

19370 \counterwithout{table}{chapter}
19371 \counterwithout{footnote}{chapter}
19372 \counterwithout{equation}{chapter}
19373 \renewcommand{\chaptername}{}
19374 \renewcommand{\maketitlehookb}{%
19375     \vskip -1.5\topsep\vskip -1.5\partopsep}
19376 \renewcommand{\maketitlehookc}{%
19377     \vskip -1.5\topsep\vskip -1.5\partopsep}
19378 \fi
19379 \long\def\@makecaption#1#2{\let\@memtempa\relax
19380 \ifdim\prevdepth>-99\p@ \vskip\abovecaptionskip
19381 \else \def\@memtempa{\vbox to\topskip{}}\fi
19382 \let\@contfnote\footnote \renewcommand{\footnote}[2] [] {}
19383 \let\@contfmark\footnotemark \renewcommand{\footnotemark}[1] [] {}
19384 \sbox\@tempboxa{\@contnfont #1\@contdelim \@conttfont #2\@contfinal}
19385 \let\footnote\@contfnote
19386 \let\footnotemark\@contfmark
19387 \ifdim\wd\@tempboxa<\linewidth \centering \fi
19388 \if@contcw
19389     \centering
19390     \parbox{\@contcwidth}{%
19391 \ifdim\wd\@tempboxa<\@contcwidth \centering \fi
19392 \fi
19393 \ifdim\wd\@tempboxa<\linewidth
19394     \@contpre
19395     {\@contnfont #1\@contdelim}\@memtempa
19396     {\@contcshortstyle \@conttfont #2\@contfinal\par}
19397 \else
19398     \if@conthang
19399         \sbox\@tempboxa{\@contnfont #1\@contdelim}
19400         \@contpre%
19401         {\@contcstyle\hangindent=\wd\@tempboxa
19402         \noindent\box\@tempboxa\@memtempa \@conttfont #2\@contfinal\par}
19403     \else
19404         \if@contindent
19405             \@contpre%
19406             {\@contnfont #1\@contdelim}\@memtempa
19407             {\@contcstyle\hangindent=\@contindw
19408             \hangafter=\@one\@conttfont #2\@contfinal\par}% <- v1.4
19409         \else
19410             \@contpre%
19411             {\@contnfont #1\@contdelim}\@memtempa
19412             {\@contcstyle \@conttfont #2\@contfinal\par}
19413         \fi
19414     \fi
19415 \fi
19416 \@contpost
19417 \if@contcw
19418     \par
19419 } % end of the \parbox
19420 \fi
19421 \vskip\belowcaptionskip}
19422 \@ifpackageloaded{caption}{%
19423 \AtBeginPackage{caption}{

```



```

19424 \ClassWarningNoLine{memoir}{%
19425   You are using the caption package with the memoir \MessageBreak
19426   class. This may cause unexpected or inconsistent \MessageBreak
19427   results if you use any of memoir's captioning facilities}
19428
19429 \long\def\@makecaption##1##2{%
19430   \vskip\abovecaptionskip
19431   \sbox\@tempboxa{\if@RTL\beginR\fi##1: ##2\if@RTL\endR\fi}%
19432   \ifdim \wd\@tempboxa >\hsize
19433     \if@RTL\beginR\fi##1: ##2\if@RTL\endR\fi\par
19434   \else
19435     \global \@minipagefalse
19436     \hb@xt@\hsize{\hfil\box\@tempboxa\hfil}%
19437   \fi
19438   \vskip\belowcaptionskip}
19439
19440 \def\caption{%
19441   \ifx\@capttype\@undefined
19442     \@latex@error{\noexpand\caption outside float}\@ehd
19443     \expandafter\@gobble
19444   \else
19445     \refstepcounter\@capttype
19446     \expandafter\@firstofone
19447   \fi
19448   {\@dblarg{\@caption\@capttype}}}%
19449 }
19450
19451 \long\def\@caption##1[##2]##3{%
19452   \par
19453   \addcontentsline{\csname ext@##1\endcsname}{##1}%
19454     {\protect\numberline{\csname the##1\endcsname}{\ignorespaces ##2}}%
19455   \begingroup
19456     \@parboxrestore
19457     \if@minipage
19458       \@setminipage
19459     \fi
19460     \normalsize
19461     \@makecaption{\csname fnum@##1\endcsname}{\ignorespaces ##3}\par
19462   \endgroup}
19463 }}{}
19464 \renewenvironment{thebibliography}[1]{%
19465   \bibsection
19466   \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
19467   \bidi@thebibliography@font@hook%
19468   \begin{bibitemlist}{#1}}{\end{bibitemlist}\postbibhook}

```

## 116 File midfloat-xetex-bidi.def

```

19469 \ProvidesFile{midfloat-xetex-bidi.def}[2017/05/06 v0.4 bidi adaptations for midfloat package]
19470 \def\RTL\outputdblcol{%
19471   \if@firstcolumn
19472     \global \@firstcolumnfalse
19473     \global\setbox\@leftcolumn\copy\@outputbox
19474     \splitmaxdepth\maxdimen

```



```

19475 \vbadness\maxdimen
19476 \setbox\@outputbox\vbox{\unvbox\@outputbox\unskip}%
19477 \setbox\@outputbox\vsplit\@outputbox to\maxdimen
19478 \toks@\expandafter{\topmark}%
19479 \xdef\@firstcoltopmark{\the\toks@}%
19480 \toks@\expandafter{\splitfirstmark}%
19481 \xdef\@firstcolfirstmark{\the\toks@}%
19482 \ifx\@firstcolfirstmark\@empty
19483 \global\let\@setmarks\relax
19484 \else
19485 \gdef\@setmarks{%
19486 \let\firstmark\@firstcolfirstmark
19487 \let\topmark\@firstcoltopmark}%
19488 \fi
19489 \global\c@colht\@colht\global\c@addvipersep\z@
19490 \ifnum\jua@sk>0
19491 \remove@strip\jua@sar
19492 \global\@colht\the\jua@pr
19493 \ifdim\right@cor>\z@
19494 \global\advance\@colht by\right@cor
19495 \fi
19496 \global\advance\@colht by\cor@height
19497 \global\cor@height=0pt
19498 \fi
19499 \global\setbox\@rightcolumn\vbox{%
19500 \else
19501 \ifdim\c@colht>\@colht
19502 \@tempdima\@colht
19503 \ifdim\@colht>\z@
19504 \global\setbox\@rightcolumn\vbox{%
19505 \unvbox\@rightcolumn
19506 \vbox to\@tempdima{%
19507 \vskip\c@addvipersep\unvbox\@outputbox}%
19508 \vskip\stripsep
19509 \vrule height\the\jua@ht width 0pt depth 0pt
19510 \vskip\stripsep
19511 }%
19512 \global\c@addvipersep\m@addvipersep
19513 \else
19514 \global\setbox\@rightcolumn\vbox{%
19515 \unvbox\@rightcolumn
19516 \vrule height\the\jua@ht width 0pt depth 0pt
19517 \vskip\stripsep
19518 }%
19519 \fi
19520 \ifnum\jua@sk>0
19521 \remove@strip\jua@sar
19522 \global\@colht\the\jua@pr
19523 \global\advance\@colht by-\ht\@rightcolumn
19524 \global\advance\@colht by\cor@height
19525 \global\cor@height=0pt
19526 \else
19527 \global\advance\c@colht by-\ht\@rightcolumn
19528 \global\@colht\c@colht

```



```

19529         \fi
19530     \else
19531     \global\@firstcolumntrue
19532     \global\setbox\@outputbox\vbox to\ht\@leftcolumn{%
19533         \unvbox\@rightcolumn
19534         \vskip\c@addvipersep
19535         \unvbox\@outputbox
19536     }%
19537     \setbox\@outputbox \vbox {%
19538         \hb@xt@\textwidth {%
19539             \hskip \columnwidth
19540             \hfil
19541             \vrule \@width\columnseprule
19542             \hfil
19543             \hb@xt@\columnwidth {%
19544                 \bidi@firstcolumn@status@write%
19545                 \box\@leftcolumn \hss}%
19546             \hskip-\textwidth
19547             \hb@xt@\columnwidth {%
19548                 \bidi@lastcolumn@status@write%
19549                 \box\@outputbox \hss}%
19550             \hskip\columnwidth
19551             \hskip\columnsep}%
19552         }%
19553     \@combinedblfloats
19554     \@setmarks
19555     \@outputpage
19556     \begingroup
19557         \@dblfloatplacement
19558         \@startdblcolumn
19559         \@whiles\if@fcolmade \fi
19560         {\@outputpage
19561          \@startdblcolumn}%
19562     \endgroup
19563     \global\jua@sk=0\global\jua@sar={}%
19564     \global\cor@height\z@\global\c@addvipersep\z@
19565     \fi
19566 \fi
19567 }
19568
19569
19570 \def\LTR@outputdblcol{%
19571     \if@firstcolumn
19572         \global \@firstcolumnfalse
19573         \global\setbox\@leftcolumn\copy\@outputbox
19574         \splitmaxdepth\maxdimen
19575         \vbadness\maxdimen
19576         \setbox\@outputbox\vbox{\unvbox\@outputbox\unskip}%
19577         \setbox\@outputbox\vsplit\@outputbox to\maxdimen
19578         \toks@\expandafter{\topmark}%
19579         \xdef\@firstcoltopmark{\the\toks@}%
19580         \toks@\expandafter{\splitfirstmark}%
19581         \xdef\@firstcolfirstmark{\the\toks@}%
19582         \ifx\@firstcolfirstmark\@empty

```



```

19583     \global\let\@setmarks\relax
19584   \else
19585     \gdef\@setmarks{%
19586       \let\firstmark\@firstcolfirstmark
19587       \let\topmark\@firstcoltopmark}%
19588   \fi
19589   \global\c@colht\@colht\global\c@addvipersep\z@
19590   \ifnum\jua@sk>0
19591     \remove@strip\jua@sar
19592     \global\@colht\the\jua@pr
19593     \ifdim\right@cor>\z@
19594       \global\advance\@colht by\right@cor
19595     \fi
19596     \global\advance\@colht by\cor@height
19597     \global\cor@height=0pt
19598   \fi
19599   \global\setbox\@rightcolumn \vbox{%
19600 \else
19601   \ifdim\c@colht>\@colht
19602     \@tempdima\@colht
19603     \ifdim\@colht>\z@
19604       \global\setbox\@rightcolumn \vbox{%
19605         \unvbox\@rightcolumn
19606         \vbox to\@tempdima{%
19607           \vskip\c@addvipersep\unvbox\@outputbox}%
19608         \vskip\stripsep
19609         \vrule height\the\jua@ht width 0pt depth 0pt
19610         \vskip\stripsep
19611       }%
19612       \global\c@addvipersep\m@addvipersep
19613     \else
19614       \global\setbox\@rightcolumn \vbox{%
19615         \unvbox\@rightcolumn
19616         \vrule height\the\jua@ht width 0pt depth 0pt
19617         \vskip\stripsep
19618       }%
19619     \fi
19620   \ifnum\jua@sk>0
19621     \remove@strip\jua@sar
19622     \global\@colht\the\jua@pr
19623     \global\advance\@colht by-\ht\@rightcolumn
19624     \global\advance\@colht by\cor@height
19625     \global\cor@height=0pt
19626   \else
19627     \global\advance\c@colht by-\ht\@rightcolumn
19628     \global\@colht\c@colht
19629   \fi
19630 \else
19631   \global\@firstcolumntrue
19632   \global\setbox\@outputbox\vbox to\ht\@leftcolumn{%
19633     \unvbox\@rightcolumn
19634     \vskip\c@addvipersep
19635     \unvbox\@outputbox
19636   }%

```



```

19637 \setbox\@outputbox \vbox {%
19638     \hb@xt@\textwidth {%
19639         \hb@xt@\columnwidth {%
19640             \bidi@firstcolumn@status@write%
19641             \box\@leftcolumn \hss}%
19642         \hfil
19643         \vrule \width\columnseprule
19644         \hfil
19645         \hb@xt@\columnwidth {%
19646             \bidi@lastcolumn@status@write%
19647             \box\@outputbox \hss}%
19648             }%
19649     }%
19650 \endgroup
19651 \setmarks
19652 \outputpage
19653 \begingroup
19654     \dblfloatplacement
19655     \startdblcolumn
19656     \whilesw@if@fcolmade \fi
19657     {\@outputpage
19658       \startdblcolumn}%
19659 \endgroup
19660 \global\jua@sk=0\global\jua@sar={}%
19661 \global\cor@height\z@\global\c@advipersep\z@
19662 \fi
19663 \fi
19664 }
19665
19666
19667 \def\@strip[#1/#2]{\global\@tempdima=#1\global\@tempdimb=#2%
19668   \global \setbox\@viper\vbox\bgroup\if@RTLmain\moveleft\dimexpr(\columnwidth+\columnsep)\fi
19669     \hsize\textwidth
19670     \@parboxrestore
19671     \col@number \@ne
19672     \vrule height\topskip width0pt depth0pt
19673 }
19674
19675 \def\endstrip{%
19676   \egroup\egroup
19677   \if@firstcolumn
19678     \ifdim\pagetotal>\z@
19679       \vskip\stripsep
19680       \global\ht@strip\pagegoal
19681       \global\advance\ht@strip by-\pagetotal
19682       \global\advance\ht@strip by-\stripsep
19683       \global\advance\ht@strip by-\ht@viper
19684       \global\advance\ht@strip by-\stripsep
19685       \global\jua@ht=\ht@viper
19686     \else
19687       \global\ht@strip\z@
19688     \fi
19689     \ifdim\ht@strip>\z@
19690       \unvbox\@viper

```



```

19691         \vskip\stripsep
19692         \add@strip{\the\pagetotal}{\the\jua@ht}{\the\@tempdima}{\the\@tempdimb}%
19693         \global\advance\jua@sk by1
19694     \else
19695         \@latex@error{Strip needs more place!}\@ehc
19696         \if@vihproof
19697             \framebox[\columnwidth]{??? Strip ???}%
19698         \fi
19699     \fi
19700 \else
19701     \@latex@error{Strip is used only on left column!}\@ehc
19702     \if@vihproof
19703         \framebox[\columnwidth]{??? Strip ???}%
19704     \fi
19705 \fi
19706 }

```

## 117 File minitoc-xetex-bidi.def

```

19707 \ProvidesFile{minitoc-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for minitoc package f
19708 \def\@undottedtocline#1#2#3#4#5{%
19709     \ifnum #1>\c@tocdepth\relax \else
19710         \vskip \z@ plus.2\p@
19711         {\if@RTL\righskip\else\leftskip\fi #2\relax \if@RTL\leftskip\else\righskip\fi \@tocrmarg
19712         \parindent #2\relax\@afterindenttrue
19713         \interlinepenalty\@M
19714         \leavevmode
19715         \@tempdima #3\relax \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \hbox{}%
19716         \hskip -\if@RTL\righskip\else\leftskip\fi
19717         #4\nobreak\hfill \nobreak
19718         \null\par}%
19719     \fi}
19720 \def\@Undottedtocline#1#2#3#4#5{%
19721     \ifnum #1>\c@tocdepth\relax \else
19722         \vskip \z@ \@plus.2\p@
19723         {\if@RTL\righskip\else\leftskip\fi #2\relax \if@RTL\leftskip\else\righskip\fi \@tocrma
19724         \parindent #2\relax\@afterindenttrue
19725         \interlinepenalty\@M
19726         \leavevmode
19727         \@tempdima #3\relax
19728         \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\righ
19729         {\coffee font #4}\nobreak \nobreak\null
19730         \par}%
19731     \fi}
19732 \def\@Undottedtoclinep#1#2#3#4#5{%
19733     \ifnum #1>\c@tocdepth\relax \else
19734         \vskip \z@ \@plus.2\p@
19735         {\if@RTL\righskip\else\leftskip\fi #2\relax \if@RTL\leftskip\else\righskip\fi \@tocrma
19736         \parindent #2\relax\@afterindenttrue
19737         \interlinepenalty\@M
19738         \leavevmode
19739         \@tempdima #3\relax
19740         \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\righ
19741         {#4}\nobreak \hfill \nobreak\null

```



```

19742 \hb@xt@{\pnumwidth{\hfil\normalfont \normalcolor #5}}%
19743 \par}%
19744 \fi}

```

## 118 File multicol-xetex-bidi.def

```

19745 \ProvidesFile{multicol-xetex-bidi.def}[2022/07/10 v1.4 bidi adaptations for multicol package]
19746 \def\page@sofar{%
19747 \process@cols\mult@rightbox
19748 {\ifvoid\count@
19749 \setbox\count@\hbox to\hsize{%
19750 \else
19751 \wd\count@\hsize
19752 \fi}%
19753 \count@\col@number \advance\count@\m@ne
19754 \mult@info\z@
19755 {Column spec: \the\full@width\space = indent
19756 + columns + sep =\MessageBreak
19757 \the\multicol@leftmargin\space
19758 + \the\col@number\space
19759 x \the\hsize\space
19760 + \the\count@\space
19761 x \the\columnsep
19762 }%
19763 \ifvmode\else\errmessage{Multicol Error}\fi
19764 \nointerlineskip
19765 \setbox\z@\hbox{p}\global\dimen\tw@\dp\z@
19766 \moveright\multicol@leftmargin
19767 \hbox to\full@width{%
19768 \bidi@multicol@align@columns
19769 \rlap{\phantom p}%
19770 }%
19771 \prevdepth\z@
19772 \kern-\dimen\tw@
19773 \ifdim\dimen\tw@ > \mc@gridwarn
19774 \PackageWarning{multicol}%
19775 {Very deep columns!\MessageBreak
19776 Grid alignment might be broken}%
19777 \fi
19778 }
19779 \def\LTR@column@boxes{%
19780 \process@cols\mult@firstbox{%
19781 \ifdim\dp\count@>\dimen\tw@
19782 \global\dimen\tw@\dp\count@ \fi
19783 \mc@col@status@write
19784 \box\count@
19785 \hss{\columnseprulecolor\vrule
19786 \@width\columnseprule}\hss}%
19787 \ifdim\dp\mult@rightbox>\dimen\tw@
19788 \global\dimen\tw@\dp\mult@rightbox \fi
19789 \mc@lastcol@status@write
19790 \box\mult@rightbox
19791 }
19792

```



```

19793 \def\RTL@column@boxes{%
19794     \process@cols\mult@firstbox{%
19795         \hskip\hsize
19796         \hss{\columnseprulecolor\vrule
19797             \@width\columnseprule}\hss
19798     }%
19799     \hskip\hsize
19800     \process@cols\mult@firstbox{%
19801         \ifdim\dp\count@>\dimen\tw@
19802             \global\dimen\tw@\dp\count@ \fi
19803         \hskip-\hsize
19804         \mc@col@status@write
19805         \box\count@
19806         \hskip-\hsize
19807         \hskip-\columnsep
19808     }%
19809     \ifdim\dp\mult@rightbox>\dimen\tw@
19810         \global\dimen\tw@\dp\mult@rightbox \fi
19811     \hskip-\hsize
19812     \mc@lastcol@status@write
19813     \box\mult@rightbox
19814     \hskip-\hsize
19815     \hskip\full@width
19816 }
19817
19818 \newcommand\RTLmulticolcolumns
19819     {\let\bidimulticol@align@columns
19820      \RTL@column@boxes}
19821 \newcommand\LTRmulticolcolumns
19822     {\let\bidimulticol@align@columns
19823      \LTR@column@boxes}
19824 \newcommand\bidimulticol@align@columns
19825     {\ifRTLmain\RTL@column@boxes\else\LTR@column@boxes\fi}
19826 \bidimulticol@AtEndPreamble{%
19827     \if@bidi@csdef{footinsv@1}{%
19828         \def\footnoterule{\kern-3\p@
19829             \hrule \@width \textwidth \kern 2.6\p@}%
19830     }{}%
19831 }
19832 \def\multicols#1{\col@number#1\relax
19833     \ifnum\col@number<\tw@
19834         \PackageWarning{multicol}%
19835             {Using '\number\col@number'
19836              columns doesn't seem a good idea.^~J
19837              I therefore use two columns instead}%
19838         \col@number\tw@ \fi
19839     \ifnum\col@number>20
19840         \PackageError{multicol}%
19841             {Too many columns}%
19842             {Current implementation doesn't
19843              support more than 20 columns.%
19844              \MessageBreak
19845              I therefore use 20 columns instead}%
19846         \col@number20 \fi

```



```

19847 \ifx\@footnotetext\mult@footnotetext
19848 \else
19849 \let\orig@footnotetext\@footnotetext
19850 \let\@footnotetext\mult@footnotetext
19851 \fi
19852 \ifx\@LTRfootnotetext\mult@LTRfootnotetext
19853 \else
19854 \let\orig@LTRfootnotetext\@LTRfootnotetext
19855 \let\@LTRfootnotetext\mult@LTRfootnotetext
19856 \fi
19857 \ifx\@RTLfootnotetext\mult@RTLfootnotetext
19858 \else
19859 \let\orig@RTLfootnotetext\@RTLfootnotetext
19860 \let\@RTLfootnotetext\mult@RTLfootnotetext
19861 \fi
19862 \@ifnextchar[\mult@cols{\mult@cols[]}]
19863 \long\def\mult@footnotetext#1{\begingroup
19864 \hsize\textwidth
19865 \columnwidth\textwidth
19866 \orig@footnotetext{#1}\endgroup}
19867 \long\def\mult@LTRfootnotetext#1{\begingroup
19868 \hsize\textwidth
19869 \columnwidth\textwidth
19870 \orig@LTRfootnotetext{#1}\endgroup}
19871 \long\def\mult@RTLfootnotetext#1{\begingroup
19872 \hsize\textwidth
19873 \columnwidth\textwidth
19874 \orig@RTLfootnotetext{#1}\endgroup}
19875 \def\right@footnoterule{%
19876 \kern-3\p@
19877 \hbox to \textwidth{\hskip \dimexpr\textwidth-.4\columnwidth\relax \hrulefill }
19878 \kern2.6\p@}
19879 \def\textwidth@footnoterule{\kern-3\p@
19880 \hrule \@width \textwidth \kern 2.6\p@}
19881 \def\bidileave@mult@copyins{%
19882 \advance\dimen@-\skip\@bidi@copyins@
19883 \advance\dimen@-\ht\@bidi@copyins@
19884 }
19885
19886 \bidi@AtEndPreamble{%
19887 \if@bidi@csundef{footinsv@1}{%
19888 \bidi@patchcmd{\multi@column@out}{%
19889 \ifvbox \@kludgeins
19890 }{%
19891 \ifvoid\@bidi@copyins@ \else
19892 \bidileave@mult@copyins
19893 \fi
19894 \ifvbox \@kludgeins
19895 }{}{}%
19896 }{}%
19897 }
19898
19899

```



## 119 File multienum-xetex-bidi.def

```

19900 \ProvidesFile{multienum-xetex-bidi.def}[2011/04/16 v0.1 bidi adaptations for multienum packa
19901 \renewcommand{\itemx}[1]{\parbox[t]{%
19902 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
19903 \parbox[t]{\remainx}{\bidi@raggedright #1}\par}%\smallskip
19904 \renewcommand{\itemxx}[2]{\parbox[t]{%
19905 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
19906 \parbox[t]{.5\remainxx}{\bidi@raggedright #1}\hfill\parbox[t]{%
19907 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
19908 \parbox[t]{0.5\remainxx}{\bidi@raggedright #2}\smallskip}
19909 \renewcommand{\itemxxx}[3]{\parbox[t]{%
19910 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
19911 \parbox[t]{.3333\remainxxx}{\bidi@raggedright #1}\hfill\parbox[t]{%
19912 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
19913 \parbox[t]{0.3333\remainxxx}{\bidi@raggedright #2}\hfill\parbox[t]{%
19914 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
19915 \parbox[t]{0.3333\remainxxx}{\bidi@raggedright #3}\par}%\smallskip
19916 \renewcommand{\itemxxxx}[4]{\parbox[t]{%
19917 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
19918 \parbox[t]{.25\remainxxxx}{\bidi@raggedright #1}\hfill\parbox[t]{%
19919 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
19920 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #2}\hfill%
19921 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
19922 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #3}\hfill%
19923 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
19924 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #4}\smallskip}
19925 \renewcommand{\itemxxxxx}[5]{\parbox[t]{%
19926 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
19927 \parbox[t]{0.2\remainxxxxx}{\bidi@raggedright #1}\hfill%
19928 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
19929 \parbox[t]{0.2\remainxxxxx}{\bidi@raggedright #2}\hfill%
19930 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
19931 \parbox[t]{0.2\remainxxxxx}{\bidi@raggedright #3}\hfill%
19932 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
19933 \parbox[t]{0.2\remainxxxxx}{\bidi@raggedright #4}\hfill%
19934 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
19935 \parbox[t]{0.2\remainxxxxx}{\bidi@raggedright #5}\smallskip}
19936 \renewcommand{\itemxox}[2]{\parbox[t]{%
19937 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
19938 \parbox[t]{\remainxox}{\bidi@raggedright #1}\hfill%
19939 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
19940 \parbox[t]{0.3333\remainxxx}{\bidi@raggedright #2}\smallskip}
19941 \renewcommand{\itemxox}[2]{\parbox[t]{%
19942 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
19943 \parbox[t]{0.3333\remainxxx}{\bidi@raggedright #1}\hfill%
19944 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
19945 \parbox[t]{\remainxox}{\bidi@raggedright #2}\smallskip}
19946 \renewcommand{\itemxox}[3]{\parbox[t]{%
19947 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
19948 \parbox[t]{\remainxox}{\bidi@raggedright #1}\hfill%
19949 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
19950 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #2}\hfill%
19951 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep

```



```

19952 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #3}\smallskip}
19953 \renewcommand{\itemxxox}[3]{\parbox[t]{%
19954 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
19955 \parbox[t]{.25\remainxxxx}{\bidi@raggedright #1}\hfill%
19956 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
19957 \parbox[t]{\remainxox}{\bidi@raggedright #2}\hfill%
19958 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
19959 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #3}\smallskip}
19960 \renewcommand{\itemxxox}[3]{\parbox[t]{%
19961 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
19962 \parbox[t]{.25\remainxxxx}{\bidi@raggedright #1}\hfill%
19963 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
19964 \parbox[t]{.25\remainxxxx}{\bidi@raggedright #2}\hfill%
19965 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
19966 \parbox[t]{\remainxox}{\bidi@raggedright #3}\smallskip}

```

## 120 File natbib-xetex-bidi.def

```

19967 \ProvidesFile{natbib-xetex-bidi.def}[2017/06/09 v0.2 bidi adaptations for natbib package for
19968 \renewenvironment{thebibliography}[1]{%
19969 \bibsection
19970 \parindent\z@
19971 \bibpreamble
19972 \bibfont
19973 \ifRTL\ifLTRbibitems\@RTLfalse\else\fi\else\ifRTLbibitems\@RTLtrue\else\fi\fi
19974 \bidi@thebibliography@font@hook%
19975 \list{\@biblabel{\the\c@NAT@ctr}}{\@bibsetup{#1}\global\c@NAT@ctr\z@}%
19976 \ifNAT@openbib
19977 \renewcommand\newblock{\par}%
19978 \else
19979 \renewcommand\newblock{\hskip .11em \@plus.33em \@minus.07em}%
19980 \fi
19981 \sloppy\clubpenalty4000\widowpenalty4000
19982 \sfcode`.\@m
19983 \let\NAT@bibitem@first@sw\@firstoftwo
19984 \let\citeN\cite \let\shortcite\cite
19985 \let\citeasnoun\cite
19986 }{%
19987 \bibitem@fin
19988 \bibpostamble
19989 \def\@noitemerr{%
19990 \PackageWarning{natbib}{Empty `thebibliography' environment}%
19991 }%
19992 \endlist
19993 \bibcleanup
19994 }%

```

## 121 File newfloat-xetex-bidi.def

```

19995 \ProvidesFile{newfloat-xetex-bidi.def}[2013/05/22 v0.1 bidi adaptations for newfloat package
19996 \renewcommand*\newfloat@setwithin[2]{%
19997 \ifcsname c@chapter\endcsname
19998 \@removefromreset{#1}{chapter}%
19999 \fi

```



```

20000 \@removefromreset{#1}{section}%
20001 \edef\@tempa{#2}%
20002 \ifx\@tempa\@empty
20003   \def\@tempa{none}%
20004 \fi
20005 \def\@tempb{none}%
20006 \ifx\@tempa\@tempb
20007   \ifcsname c@chapter\endcsname
20008     \@chapterlistsgap@off{#1}%
20009   \fi
20010   \newfloat@@setwithin{#1}{-}{-}%
20011 \else
20012   \def\@tempb{chapter}%
20013   \ifx\@tempa\@tempb
20014     \@addtoreset{#1}{chapter}%
20015     \@chapterlistsgap@on{#1}%
20016     \newfloat@@setwithin{#1}{\ifnum\c@chapter>\z@ \thechapter\@SepMark\fi}{\theHchapter\@S
20017   \else
20018     \def\@tempb{section}%
20019     \ifx\@tempa\@tempb
20020       \@addtoreset{#1}{section}%
20021       \ifcsname c@chapter\endcsname
20022         \@addtoreset{#1}{chapter}%
20023         \@chapterlistsgap@on{#1}%
20024         \newfloat@@setwithin{#1}{\thesection\@SepMark}{\theHsection\@SepMark}%
20025       \else
20026         \newfloat@@setwithin{#1}{\ifnum\c@section>\z@ \thesection\@SepMark\fi}{\theHsection
20027       \fi
20028     \else
20029       \newfloat@Error{Invalid value `#2' for option `within'}%
20030     \fi
20031   \fi
20032 \fi}

```

## 122 File nicematrix-xetex-bidi.def

```

20033 \ProvidesFile{nicematrix-xetex-bidi.def}[2022/07/18 v0.2 bidi adaptations for nicematrix pac
20034 \ExplSyntaxOn
20035 \bidi@patchcmd{\__nicematrix_array:n}{\@tabarray}{%
20036   \bool_if:NF \l__nicematrix_NiceTabular_bool \@RTLtabfalse
20037   \@tabarray
20038 }{}{}
20039 \ExplSyntaxOff
20040

```

## 123 File ntheorem-xetex-bidi.def

```

20041 \ProvidesFile{ntheorem-xetex-bidi.def}[2012/05/01 v0.1 bidi adaptations for ntheorem package
20042 \gdef\@thm#1#2#3{%
20043   \if@thmmarks
20044     \stepcounter{end\InTheoType ctr}%
20045   \fi
20046   \renewcommand{\InTheoType}{#1}%
20047   \if@thmmarks

```



```

20048     \stepcounter{curr#1ctr}%
20049     \setcounter{end#1ctr}{0}%
20050   \fi
20051   \refstepcounter{#2}%
20052   \theorem@prework
20053   \thm@topsepadd \theorempostskipamount % cf. latex.ltx: \@trivlist
20054   \ifvmode \advance\thm@topsepadd\partopsep\fi
20055   \trivlist
20056   \@topsep \theorempreskipamount
20057   \@topsepadd \thm@topsepadd % used by \@endparenv
20058   \advance\linewidth -\theorem@indent
20059   \advance\@totalleftmargin \theorem@indent
20060   \ifRTL\parshape \@ne Opt \linewidth\else \parshape \@ne \@totalleftmargin \linewidth\fi
20061   \ifnextchar [{\@ythm{#1}{#2}{#3}}{\@xthm{#1}{#2}{#3}}]

```

## 124 File ntheorem-hyper-xetex-bidi.def

```

20062 \ProvidesFile{ntheorem-hyper-xetex-bidi.def}[2012/05/01 v0.1 bidi adaptations for ntheorem-h
20063 \gdef\@thm#1#2#3{%
20064   \if@thmmarks
20065     \stepcounter{end\InTheoType ctr}%
20066   \fi
20067   \renewcommand{\InTheoType}{#1}%
20068   \if@thmmarks
20069     \stepcounter{curr#1ctr}%
20070     \setcounter{end#1ctr}{0}%
20071   \fi
20072   \refstepcounter{#2}%
20073   \thm@topsepadd \theorempostskipamount % cf. latex.ltx: \@trivlist
20074   \ifvmode \advance\thm@topsepadd\partopsep\fi
20075   \trivlist
20076   \@topsep \theorempreskipamount
20077   \@topsepadd \thm@topsepadd % used by \@endparenv
20078   \advance\linewidth -\theorem@indent
20079   \advance\@totalleftmargin \theorem@indent
20080   \ifRTL\parshape \@ne Opt \linewidth\else \parshape \@ne \@totalleftmargin \linewidth\fi
20081   \ifnextchar [{\@ythm{#1}{#2}{#3}}{\@xthm{#1}{#2}{#3}}]

```

## 125 File overpic-xetex-bidi.def

```

20082 \ProvidesFile{overpic-xetex-bidi.def}[2015/12/07 v0.1 bidi adaptations for overpic package f
20083 \renewenvironment{overpic}[2][{}]{%
20084   \sbox{\z@}{\includegraphics[#1]{#2}}%
20085   \settodepth{\@tempcnta}{\usebox{\z@}}%
20086   \settoheight{\@tempcntb}{\usebox{\z@}}%
20087   \advance\@tempcntb\@tempcnta%
20088   \settowidth{\@tempcnta}{\usebox{\z@}}%
20089   \setlength{\@tempdima}{\unitlength}%
20090   \count@=\z@\Gin@gridfalse\setkeys{Gin}{#1}%
20091 %
20092   \OVP@calc%
20093 %
20094   \begin{picture}(\@tempcnta,\@tempcntb)%
20095     \ifRTL\else\put(0,0){\makebox(0,0)[bl]{\usebox{\z@}}}%

```



```

20096 \ifGin@grid%
20097 \put(0,0){\normalfont\fontsize{@viipt}\@viipt\selectfont%
20098 \grid(\@tempcnta,\@tempcntb)(\count@,\count@)[0,0]}%
20099 \fi\fi%
20100 % reset the graphics parameter
20101 \let\Gin@outer@scalex\relax
20102 \let\Gin@outer@scaley\relax
20103 \let\Gin@angle\relax
20104 \let\Gin@ewidth\Gin@exclamation
20105 \let\Gin@eheight\Gin@ewidth
20106 \def\Gin@scalex{1}
20107 \let\Gin@scaley\Gin@exclamation
20108 }{%
20109 \if@RTL\ifGin@grid%
20110 \put(0,0){\normalfont\fontsize{@viipt}\@viipt\selectfont%
20111 \grid(\@tempcnta,\@tempcntb)(\count@,\count@)[0,0]}%
20112 \fi%
20113 \put(0,0){\makebox(0,0)[bl]{\usebox{\z@}}}\fi%
20114 \end{picture}%
20115 }%

```

## 126 File pdfbase-xetex-bidi.def

```

20116 \ProvidesFile{pdfbase-xetex-bidi.def}[2022/02/18 v0.4 bidi adaptations for pdfbase package f
20117 \ExplSyntaxOn
20118 \cs_set_eq:NN\pbs_outputpage_orig:\@outputpage
20119 \cs_set_nopar:Npn\@outputpage{
20120 \int_gincr:N\g_pbs_page_int
20121 \box_if_vertical:cTF{\outputbox}{
20122 \bool_set_true:N\l_pbs_is_vertical_bool
20123 }{
20124 \bool_set_false:N\l_pbs_is_vertical_bool
20125 }
20126 \hbox_set:Nn\@outputbox{
20127 %begin of page
20128 \hbox_overlap_right:n{\seq_map_inline:Nn\g_pbs_bop_seq{##1}}
20129 \box_use_drop:N\@outputbox
20130 %end of page
20131 \hbox_overlap_right:n{\seq_map_inline:Nn\g_pbs_eop_seq{##1}}
20132 }
20133 \bool_if:NT\l_pbs_is_vertical_bool{
20134 \vbox_set:Nn\@outputbox{\box_use_drop:N\@outputbox}
20135 }
20136 \pbs_outputpage_orig:
20137 }
20138 \ExplSyntaxOff

```

## 127 File pdfscape-xetex-bidi.def

```

20139 \ProvidesFile{pdfscape-xetex-bidi.def}[2022/02/18 v0.1 bidi adaptations for pdfscape packa
20140 \bidi@patchcmd{\landscape}{\PLS@Rotate{90}}{%
20141 \if@RTL
20142 \PLS@Rotate{-90}}%
20143 \else

```



```

20144 \PLS@Rotate{90}%
20145 \fi
20146 }{}{}

```

## 128 File pdfpages-xetex-bidi.def

```

20147 \ProvidesFile{pdfpages-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for pdfpages package]
20148 \renewcommand*{\includepdf}[2] [] {%
20149 \begin{group}
20150 \RTLfalse
20151 \let\AM@threadname\relax
20152 \AM@split@options{pdfpages}{#1}%
20153 \edef\AM@temp{\{pdfpages\}\the\@temptokena}%
20154 \expandafter\setkeys\AM@temp
20155 \ifthenelse{\boolean{AM@pkg@draft} \and \boolean{AM@survey}}{%
20156 \let\AM@currentdocname\relax
20157 \renewcommand\includegraphics[2] [] {Survey in draft-mode}%
20158 \def\AM@pagecount{0}%
20159 }{%
20160 \AM@findfile{#2}%
20161 \if\AM@threadname\relax
20162 \def\AM@threadname{\AM@currentdocname}%
20163 \fi
20164 }%
20165 \ifAM@survey
20166 \def\AM@pagestemp{%
20167 \@tempcnta=0
20168 \def\foo{%
20169 \ifundefined{r@\AM@xrprefix pdfpages@page\the\@tempcnta}%
20170 {\let\foo\relax}
20171 {\expandafter\ifx\expandafter\\AM@pagestemp\
20172 \edef\AM@pagestemp{
20173 \AM@pageref{\AM@xrprefix pdfpages@page\the\@tempcnta}}%
20174 \else
20175 \edef\AM@pagestemp{\AM@pagestemp,%
20176 \AM@pageref{\AM@xrprefix pdfpages@page\the\@tempcnta}}%
20177 \fi
20178 \advance\@tempcnta 1\relax
20179 }%
20180 \foo
20181 }%
20182 \foo
20183 \expandafter\ifx\expandafter\\AM@pagestemp\
20184 \def\AM@pagestemp{1}%
20185 \fi
20186 \fi
20187 \ifAM@output
20188 \expandafter\AM@readlist\expandafter{\AM@pagestemp}%
20189 \AM@output{#1}%
20190 \fi
20191 \AM@CheckAtEnd
20192 \endgroup
20193 \AM@ClearShipoutPicture
20194 }

```



## 129 File pgfcorescopes.code-xetex-bidi.def

```

20195 \ProvidesFile{pgfcorescopes.code-xetex-bidi.def}[2015/11/14 v0.1 bidi adaptations for pgf pa
20196 \def\pgfpicture{%
20197   \begingroup%
20198   \ifmmode\else\@RTLfalse\beginL\fi%
20199   \pgfpicturetrue%
20200   \global\advance\pgf@picture@serial@count by1\relax%
20201   \edef\pgfpictureid{pgfid\the\pgf@picture@serial@count}%
20202   \let\pgf@nodecallback=\pgfutil@gobble%
20203   \pgf@picmaxx=-16000pt\relax%
20204   \pgf@picminx=16000pt\relax%
20205   \pgf@picmaxy=-16000pt\relax%
20206   \pgf@picminy=16000pt\relax%
20207   \pgf@relevantforpicturesizetrue%
20208   \pgf@resetpathsizes%
20209   \pgfutil@ifnextchar\bgroup\pgf@oldpicture\pgf@picture%
20210 \def\endpgfpicture{%
20211     \ifpgfrememberpicturepositiononpage%
20212       \hbox to0pt{\pgfsys@markposition{\pgfpictureid}}%
20213     \fi%
20214     % ok, now let's position the box
20215     \ifdim\pgf@picmaxx=-16000pt\relax%
20216       % empty picture. make size 0.
20217       \global\pgf@picmaxx=0pt\relax%
20218       \global\pgf@picminx=0pt\relax%
20219       \global\pgf@picmaxy=0pt\relax%
20220       \global\pgf@picminy=0pt\relax%
20221     \fi%
20222     % Shift baseline outside:
20223     \pgf@relevantforpicturesizefalse%
20224     \pgf@process{\pgf@baseline}%
20225     \xdef\pgf@shift@baseline{\the\pgf@y}%
20226     %
20227     \pgf@process{\pgf@trimleft}%
20228     \global\advance\pgf@x by-\pgf@picminx
20229     % prepare \hskip\pgf@trimleft@final.
20230     % note that \pgf@trimleft@final is also queried
20231     % by the pgf image externalization.
20232     \xdef\pgf@trimleft@final{-\the\pgf@x}%
20233     %
20234     \pgf@process{\pgf@trimright}%
20235     \global\advance\pgf@x by-\pgf@picmaxx
20236     % prepare \hskip\pgf@trimright@final.
20237     % note that \pgf@trimright@final is also queried
20238     % by the pgf image externalization.
20239     \xdef\pgf@trimright@final{\the\pgf@x}%
20240     %
20241     \pgf@remember@layerlist@globally
20242     \endgroup%
20243     \hss%
20244     \egroup%
20245     \pgf@restore@layerlist@from@global
20246     \pgf@insertlayers%

```



```

20247         \endgroup%
20248         \pgfsys@discardpath%
20249         \endgroup%
20250         \pgfsys@endscope%
20251     \pgfsys@endpicture%
20252 \endgroup%
20253 \hss
20254 \egroup%
20255 \pgfsys@typesetpicturebox\pgfpic%
20256 \ifmmode\else\endL\fi%
20257 \endgroup%
20258 }

```

### 130 File pgfsys.code-xetex-bidi.def

```

20259 \ProvidesFile{pgfsys.code-xetex-bidi.def}[2022/06/01 v0.1 bidi adaptations for pgfsys.code.t
20260 \def\pgfsys@shadingoutsidepgfpicture#1{%
20261     \beginL#1\endL%
20262 }
20263
20264

```

### 131 File picinpar-xetex-bidi.def

```

20265 \ProvidesFile{picinpar-xetex-bidi.def}[2013/04/08 v0.2 bidi adaptations for picinpar package
20266 \long\def\@makewincaption#1#2{%
20267     \setbox\@tempboxa\hbox{\footnotesize{\bf #1:\enspace}{#2}}%
20268     \ifdim\wd\@tempboxa>\picwd
20269         {\footnotesize{\bf #1:\enspace}{#2\par}}
20270     \else
20271         \hbox to\picwd{\if@RTL\beginR\fi\hfil\box\@tempboxa\hfil\if@RTL\endR\fi}
20272     \fi}
20273 \def\endwindow{%
20274     \global\tcd=\tcdsav
20275     \egroup\vskip\parskip\parshape=0 % reset parshape; end \box\rawtext
20276     \vbadness=10000
20277     \splittopskip=0pt
20278 %
20279 % Typeset the lines above the window
20280 %
20281 \ifnum\tcd>0\setbox\holder=\vsplit\rawtext to \tcd\baselineskip
20282 \tcn=\tcd
20283 \loop\advance\tcn -1
20284 \setbox\fslice=\vsplit\holder to\baselineskip
20285 \prune\fslice\linewidth
20286 \topheight=0pt
20287 \ifnum\dp\fslice>\dp\wstrutbox
20288     \advance\topheight-\dp\fslice
20289     \advance\topheight\dp\wstrutbox
20290     \advance\topheight\ilg\fi
20291 \hbox to\linewidth{\box\fslice}
20292 \vskip-\topheight
20293 \ifdim\ht\holder>0pt\repeat
20294 \fi

```



```

20295 %
20296 % Now we build the boxes beside the window
20297 %
20298 \global\topheight=\tcl\baselineskip
20299 \ifnum\cumpartcl>0\global\tcl=\cumtcl
20300     \global\topheight=\vpic
20301 \fi
20302 \ifnum\bl>0 \ifnum\br>0 \multiply\topheight by 2\fi\fi
20303 \ifnum\bl>0\setbox\holder=\vsplit\rawtext to\topheight
20304 \else\ifnum\br>0\setbox\holder=\vsplit\rawtext to\topheight\fi\fi
20305 \tcn=\tcl \na=0 \nb=0
20306 \ifnum\bl>0 \ifnum\br>0 \multiply\tcn by 2\fi\fi
20307 \ifnum\bl>0\na=\tcn\ifnum\br>0\divide\na by 2\fi\fi
20308 \ifnum\br>0\nb=\tcn\ifnum\bl>0\divide\nb by 2\fi\fi
20309 \ifnum\na=0\ifnum\nb=0
20310     \setbox\waslice=\vbox to\vpic{\vss}
20311     \setbox\wbslice=\vbox to\vpic{\vss}
20312     \bl=1\br=1
20313     \vskip\ilg
20314 \fi\fi
20315 %
20316 % both sides
20317 %
20318 \ifnum\na>0 \ifnum\nb>0
20319 \loop\advance\nb -1
20320 \advance\na -1
20321 \if@RTL%
20322 \setbox\bslice=\vsplit\holder to\baselineskip
20323 \prune\bslice\rtside
20324 \setbox\wbslice=\vbox{\unvbox\wbslice\hbox
20325 to\rtside{\box\bslice\hfil}}
20326 \setbox\aslice=\vsplit\holder to\baselineskip
20327 \prune\aslice\lftside
20328 \setbox\waslice=\vbox{\unvbox\waslice\hbox
20329 to\lftside{\box\aslice\hfil}}
20330 \else%
20331 \setbox\aslice=\vsplit\holder to\baselineskip
20332 \prune\aslice\lftside
20333 \setbox\waslice=\vbox{\unvbox\waslice\hbox
20334 to\lftside{\box\aslice\hfil}}
20335 \setbox\bslice=\vsplit\holder to\baselineskip
20336 \prune\bslice\rtside
20337 \setbox\wbslice=\vbox{\unvbox\wbslice\hbox
20338 to\rtside{\box\bslice\hfil}}
20339 \fi%
20340 \ifnum\nb>0\repeat
20341 \fi\fi
20342 %
20343 % only text on the left side
20344 %
20345 \ifnum\na>0
20346     \loop\advance\na -1
20347     \setbox\aslice=\vsplit\holder to\baselineskip
20348     \prune\aslice\lftside

```



```

20349 \setbox\waslice=\vbox{\unvbox\waslice\hbox
20350 to\leftside{\box\aslice\hfil}}
20351 \ifdim\ht\holder>0pt\repeat
20352 \fi
20353 %
20354 % only text on the right side
20355 %
20356 \ifnum\nb>0
20357 \loop\advance\nb -1
20358 \setbox\bslice=\vsplit\holder to\baselineskip
20359 \prune\bslice\rtside
20360 \setbox\wbslice=\vbox{\unvbox\wbslice\hbox
20361 to\rtside{\box\bslice\hfil}}
20362 \ifdim\ht\holder>0pt\repeat
20363 \fi
20364 %
20365 % fixing the dimensions of the window part
20366 %
20367 \ifnum\bl=0\topheight=\ht\wbslice
20368 \else\ifnum\br=0\topheight=\ht\waslice
20369 \else\ifdim\ht\waslice>\ht\wbslice\topheight=\ht\waslice
20370 \else\topheight=\ht\wbslice\fi\fi\fi
20371 %
20372 % ship out the window material to the main vertical list
20373 %
20374 \ifnum\bl>0 \ifnum\br>0 \ifdim\ht\wbslice<\topheight
20375 \setbox\wbslice=\vbox to\topheight{\box\wbslice\vfill}
20376 \fi\fi\fi
20377 \setbox>windowbox=\vbox{\hbox to\linewidth{%
20378 \ifnum\bl>0\box\waslice\hfill\fi%
20379 \vbox to\topheight{\hrule width\picwd height0pt depth0pt\vskip0pt%
20380 \vfill\unvbox\picbox%
20381 \ifnum\picwd>0\vfill\fi%
20382 \vss}\ifnum\br>0\hfill\vbox{\box\wbslice}\fi}}%
20383 \unvbox>windowbox%
20384 \loop
20385 \setbox\bslice=\vsplit\rawtext to\baselineskip
20386 \prune\bslice\linewidth
20387 \setbox\wbslice=\vbox{\hbox to\linewidth{\box\bslice\hfil}}
20388 \unvbox\wbslice
20389 \ifdim\ht\rawtext>0pt
20390 \repeat
20391 }% FINITO

```

## 132 File plain-xetex-bidi.def

```

20392 \def\TeXeTOn{\TeXeTstate=1 }
20393 \def\TeXeTOff{\TeXeTstate=0 }
20394 \TeXeTOn
20395 \def\usebox#1{\leavevmode\copy #1\relax}
20396 \def\bidi@RTL@everypar{\setbox\z@\lastbox\if@RTL\beginR\else\beginL\fi\ifvoid\z@\else\usebox\z@}
20397 \let\bidi@o@everypar=\everypar
20398 \newtoks\bidi@n@everypar
20399 \bidi@n@everypar\expandafter{\the\bidi@o@everypar}

```



```

20400 \bidi@o@everypar{\bidi@RTL@everypar\the\bidi@n@everypar}
20401 \let\everypar=\bidi@n@everypar
20402 \def\moreLRE{\bracetext \aftergroup\endL \beginL\@RTLfalse}
20403 \def\moreRLE{\bracetext \aftergroup\endR \beginR\@RTLtrue}
20404 \protected\def\hboxR{\hbox\bgroup
20405 \everyhbox{%
20406 \aftergroup\egroup
20407 \everyhbox{}}%
20408 \beginR
20409 \@hboxRconstructtrue
20410 \bgroup
20411 \aftergroup\endR
20412 \aftergroup\egroup
20413 }\hbox}
20414 \protected\def\hboxL{\hbox\bgroup
20415 \everyhbox{%
20416 \aftergroup\egroup
20417 \everyhbox{}}%
20418 \beginL
20419 \@hboxRconstructfalse
20420 \bgroup
20421 \aftergroup\endL
20422 \aftergroup\egroup
20423 }\hbox}
20424 \protected\def\vboxR{\vbox\bgroup
20425 \everyvbox{%
20426 \aftergroup\egroup
20427 \everyvbox{}}%
20428 \@RTLtrue
20429 \bgroup
20430 \aftergroup\egroup
20431 }\vbox}
20432 \protected\def\vboxL{\vbox\bgroup
20433 \everyvbox{%
20434 \aftergroup\egroup
20435 \everyvbox{}}%
20436 \@RTLfalse
20437 \bgroup
20438 \aftergroup\egroup
20439 }\vbox}
20440 \def\LTR{\par\@RTLfalse\@RTL@footnotefalse\hsize\linewidth\parshape\z@}
20441 \def\endLTR{\par}
20442 \def\RTL{\par\@RTLtrue\@RTL@footnotetrue\hsize\linewidth\parshape\z@}
20443 \def\endRTL{\par}
20444 \def\setRTL{\@RTLtrue\@RTL@footnotetrue}
20445 \def\setLTR{\@RTLfalse\@RTL@footnotefalse}
20446 \let\unsetRTL=\setLTR
20447 \let\unsetLTR=\setRTL
20448 \let\LR=\LRE
20449 \let\RL=\RLE
20450 \def\@ensure@RTL#1{\if@RTL#1\else\RLE{#1}\fi}
20451 \def\@ensure@LTR#1{\if@RTL\LRE{#1}\else#1\fi}
20452 \let\@ensure@RL=\@ensure@RTL
20453 \let\@ensure@LR=\@ensure@LTR

```



```

20454 \def\@ensure@dir#1{\if@RTL\RLE{#1}\else{#1}\fi}
20455 \let\@ensure@maindir=\@ensure@dir
20456 \def\@RTL{RTL}
20457 \def\@LTR{LTR}
20458 \def\save@dir{\if@RTL\gdef\saved@dir{RTL}\else\gdef\saved@dir{LTR}\fi}
20459 \def\reset@dir{\ifx\saved@dir\@RTL\setRTL\else\ifx\saved@dir\@LTR\setLTR\else\relax\fi}
20460 \let\@TeX\TeX
20461 \def\TeX{\@ensure@LTR{\@TeX}}
20462 \def\pagecontents{\ifvoid\topins\else\unvbox\topins\fi
20463   \dimen@=\dp\@cclv \unvbox\@cclv % open up \box255
20464   \ifvoid\footins\else % footnote info is present
20465     \vskip\skip\footins
20466     \footnoterule
20467     \unvbox\footins\fi
20468   \ifr@ggedbottom \kern-\dimen@ \vfil \fi
20469   \ifvoid\@bidi@copyins@
20470   \else
20471     \vskip\skip\@bidi@copyins@
20472     \unvbox\@bidi@copyins@
20473   \fi
20474 }
20475 \long\def\bidi@reflect@box#1{%
20476   \leavevmode
20477   \setbox\z@\hbox{#1}%
20478   \setbox\tw@\hbox{\special{x:gsave}\special{x:scale -1 1}\rlap{\copy\z@}\special{x:grestore}}
20479   \hbox to \wd\z@{\kern\wd\z@\box\tw@\hss}%
20480 }
20481 \def\XeTeX{\LR{\leavevmode$\smash{\hbox{X}\lower.5ex
20482   \hbox{\kern-.125em\bidi@reflect@box{E}}\kern-.1667em \TeX}}$}}
20483 \let\setRL=\setRTL
20484 \let\setLR=\setLTR
20485 \let\unsetRL=\setLTR
20486 \let\bidi@saved@eqno=\eqno
20487 \let\bidi@saved@leqno=\leqno
20488 \def\eqno{\ifnum\predisplaydirection<\z@ \bidi@saved@leqno \else \bidi@saved@eqno \fi}
20489 \def\leqno{\ifnum\predisplaydirection<\z@ \bidi@saved@eqno \else \bidi@saved@leqno \fi}
20490 \def\centerline#1{\line{\hss\if@RTL\beginR\fi#1\if@RTL\endR\fi\hss}}
20491 \def\leftline#1{\line{\if@RTL\beginR\fi#1\if@RTL\endR\fi\hss}}
20492 \def\rightline#1{\line{\hss\if@RTL\beginR\fi#1\if@RTL\endR\fi}}

```

### 133 File pstricks-xetex-bidi.def

```

20493 \ProvidesFile{pstricks-xetex-bidi.def}[2022/09/22 v0.6 bidi adaptations for pstricks package]
20494 \def\pspicture{\begingroup\ifmmode\else\@RTLfalse\beginL\fi\pst@ifstar\pst@picture}
20495 \def\endpspicture{%
20496   \ifshowgrid\ifnum\showgridp@s>0
20497     \psgrid[xunit=\sh@wgridXunit,yunit=\sh@wgridYunit,style=gridstyle]\fi\fi%
20498   \pst@killglue
20499 %   \global\pst@shift=\pst@shift% in fact of the following endgroup
20500   \endgroup
20501   \egroup
20502   \ifdim\wd\pst@hbox=\z@\else
20503     %\@pstrickserr{Extraneous space in the pspicture environment}%
20504     %\Type \space <return> \space to proceed.}%

```



```

20505 \fi
20506 \ht\pst@hbox=\pst@dimd
20507 \dp\pst@hbox=-\pst@dimb
20508 \setbox\pst@hbox=\hbox{%
20509 \kern-\pst@dimd
20510 % Orig version -----
20511 %\ifx\pst@tempa\@empty\else
20512 %\advance\pst@dimd-\pst@dimb
20513 %\pst@dimd=\pst@tempa\pst@dimd
20514 %\advance\pst@dimd\pst@dimb
20515 %\lower\pst@dimd
20516 %\fi
20517 %----- end Orig
20518 \ifPst@shift@star%\typeout{==pstricks== old behaviour of the shift option}% shift=*
20519 \advance\pst@dimd-\pst@dimb
20520 \pst@dimd=0.5\pst@dimd
20521 \else\pst@dimd-\pst@shift\fi
20522 \advance\pst@dimd\pst@dimb
20523 \lower\pst@dimd
20524 \box\pst@hbox
20525 \kern\pst@dimc}%
20526 \if@star\setbox\pst@hbox=\hbox{\clipbox@@\z@}\fi
20527 \leavevmode\ifdim\overfullrule=\z@\box\pst@hbox\else
20528 \fboxsep=0pt
20529 \fbox{\rule[-\pst@shift]{0pt}{\ht\pst@hbox}\rule{\wd\pst@hbox}{0pt}}\fi
20530 \ifmmode\else\endL\fi
20531 \endgroup%
20532 \psset[pstricks]{shift=0}% reset value
20533 }
20534
20535 \bidi@patchcmd\@scalebox{%
20536 \special{x: bscale \pst@tempc \pst@tempd}%
20537 \hbox to \z@{\box\pst@hbox\hss}%
20538 \special{x: escale}%
20539 }{%
20540 \if@RTL
20541 \special{x: escale}%
20542 \else
20543 \special{x: bscale \pst@tempc \pst@tempd}%
20544 \fi
20545 \hbox to \z@{\box\pst@hbox\hss}%
20546 \if@RTL
20547 \special{x: bscale \pst@tempc \pst@tempd}%
20548 \else
20549 \special{x: escale}%
20550 \fi
20551 }{}{}
20552 \let\ps@@scalebox\@scalebox
20553

```

## 134 File quotchap-xetex-bidi.def

```

20554 \ProvidesFile{quotchap-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for quotchap package]
20555 \renewcommand{\qauthor}[1]{%

```



```

20556 \par\smallskip
20557 {\if@RTL\raggedright\else\raggedleft\fi\upshape #1\quad\hbox{}\par}\bigskip}
20558 \renewcommand{\@makechapterhead}[1]{\chapterheadstartvskip%
20559 {\size@chapter{\sectfont\if@RTL\raggedright\else\raggedleft\fi
20560 {\chapnumfont
20561 \ifnum \c@secnumdepth >\m@ne%
20562 \if@mainmatter\thechapter%
20563 \fi\fi
20564 \par\nobreak}%
20565 {\if@RTL\raggedright\else\raggedleft\fi\advance\if@RTL\rightmargin\else\leftmargin\fi
20566 \nobreak\chapterheadendvskip}}
20567 \renewcommand*{\@iprintcites}{%
20568 \vbox to\z@{\leavevmode\copy\@quotebox\vss}
20569 \global\let\@printcites\relax}

```

## 135 File ragged2e-xetex-bidi.def

```

20570 \ProvidesFile{ragged2e-xetex-bidi.def}[2018/10/17 v0.3 bidi adaptations for ragged2e package]
20571 \renewcommand{\Centering}{%
20572 \ifx\\ \@raggedtwoe@savedcr
20573 \let\\ \@centercr
20574 \fi
20575 \let\@gnewline\@raggedtwoe@gnewline
20576 \if@RTL\rightright\else\leftskip\fi\CenteringLeftskip
20577 \@rightskip\CenteringRightskip
20578 \if@RTL\leftskip\else\rightright\fi\@rightskip
20579 \parfillskip\CenteringParfillskip
20580 \parindent\CenteringParindent
20581 \@raggedtwoe@spaceskiptrue
20582 \@raggedtwoe@everyselectfont
20583 }
20584 \renewcommand{\RaggedLeft}{%
20585 \ifx\\ \@raggedtwoe@savedcr
20586 \let\\ \@centercr
20587 \fi
20588 \let\@gnewline\@raggedtwoe@gnewline
20589 \if@RTL\rightright\else\leftskip\fi\RaggedLeftLeftskip
20590 \@rightskip\RaggedLeftRightskip
20591 \if@RTL\leftskip\else\rightright\fi\@rightskip
20592 \parfillskip\RaggedLeftParfillskip
20593 \parindent\RaggedLeftParindent
20594 \@raggedtwoe@spaceskiptrue
20595 \@raggedtwoe@everyselectfont
20596 }
20597 \renewcommand{\RaggedRight}{%
20598 \ifx\\ \@raggedtwoe@savedcr
20599 \let\\ \@centercr
20600 \fi
20601 \let\@gnewline\@raggedtwoe@gnewline
20602 \if@RTL\rightright\else\leftskip\fi\RaggedRightLeftskip
20603 \@rightskip\RaggedRightRightskip
20604 \if@RTL\leftskip\else\rightright\fi\@rightskip
20605 \parfillskip\RaggedRightParfillskip
20606 \parindent\RaggedRightParindent

```



```

20607 \@raggedtwoe@spaceskiptrue
20608 \@raggedtwoe@everyselectfont
20609 }
20610 \renewcommand{\justifying}{%
20611 \let\\\@raggedtwoe@savedcr
20612 \let\@newline\@raggedtwoe@saved@newline
20613 \ifRTL\rightskip\else\leftskip\fi\z@
20614 \@rightskip\z@
20615 \ifRTL\leftskip\else\rightskip\fi\@rightskip
20616 \parfillskip\JustifyingParfillskip
20617 \parindent\JustifyingParindent
20618 \@raggedtwoe@spaceskipfalse
20619 \@raggedtwoe@everyselectfont
20620 }
20621 \def\@raggedtwoe@raggedrightboxes@opt{%
20622 \renewcommand{\@arrayparboxrestore}{%
20623 \let\if@nobreak\iffalse
20624 \let\if@noskipsec\iffalse
20625 \let\par\@par
20626 \let\-\@dischyph
20627 \let'\@acci\let`\@accii\let\=\@acciii
20628 \parskip\z@skip
20629 \everypar{}%
20630 \linewidth\hsize
20631 \@totalleftmargin\z@
20632 \ifRTL
20633 \RaggedLeft
20634 \else
20635 \RaggedRight
20636 \fi
20637 \lineskip\normallineskip
20638 \baselineskip\normalbaselineskip
20639 \sloppy}%
20640 \let\@raggedtwoe@raggedrightboxes@opt\relax
20641 }
20642 \def\@raggedtwoe@document@opt{%
20643 \AtBeginDocument{\@raggedtwoe@abdhook}%
20644 \@raggedtwoe@raggedrightboxes@opt
20645 \@raggedtwoe@footmisctrue
20646 \let\@raggedtwoe@document@opt\relax
20647 }
20648 \def\@raggedtwoe@abdhook{%
20649 \PackageInfo{ragged2e}{ABD: executing '\string\RaggedLeft' for
20650 right to left documents and '\string\RaggedRight' for left
20651 to right documents}%
20652 \ifRTL
20653 \RaggedLeft
20654 \else
20655 \RaggedRight
20656 \fi
20657 \@ifundefined{@tocrmarg}{\edef\@tocrmarg{\@tocrmarg plus 2em}}%
20658 \let\@raggedtwoe@abdhook\relax
20659 }
20660 \@ifpackagewith{ragged2e}{raggedrightboxes}{%

```



```

20661 \@raggedtwoe@raggedrightboxes@opt
20662 }{}
20663 \@ifpackagewith{ragged2e}{document}{%
20664   \@raggedtwoe@document@opt
20665 }{}
20666 \let\origin@RaggedLeft=\RaggedLeft
20667 \let\origin@RaggedRight=\RaggedRight
20668 \def\RaggedLeft{\if@RTL\origin@RaggedRight\else\origin@RaggedLeft\fi}
20669 \def\RaggedRight{\if@RTL\origin@RaggedLeft\else\origin@RaggedRight\fi}

```

## 136 File rapport1-xetex-bidi.def

```

20670 \ProvidesFile{rapport1-xetex-bidi.def}[2017/06/09 v0.4 bidi adaptations for rapport1 class f
20671 \renewenvironment{theindex}{%
20672   \if@twocolumn
20673     \@restonecolfalse
20674   \else
20675     \@restonecoltrue
20676   \fi
20677   \columnseprule \z@
20678   \columnsep 35\p@
20679   \twocolumn[\@makeschapterhead{\indexname}]%
20680   \@mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}%
20681   \thispagestyle{plain}\parindent\z@
20682   \parskip\z@ \@plus .3\p@\relax
20683   \let\item\@idxitem
20684 }{%
20685   \if@restonecol\onecolumn\else\clearpage\fi}
20686 \renewcommand*\head@style{%
20687   \interlinepenalty \@M
20688   \hyphenpenalty=\@M \exhyphenpenalty=\@M
20689   \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}
20690 \if@titlepage
20691   \renewenvironment{abstract}{%
20692     \titlepage
20693     \null\vfil
20694     \section*{\SectFont\abstractname}%
20695     \noindent\ignorespaces}
20696   {\par\vfil\null\endtitlepage}
20697 \else
20698   \renewenvironment{abstract}{%
20699     \if@twocolumn
20700       \section*{\abstractname}%
20701     \else
20702       \bgroup\if@RTL\leftskip\else\rightskip\fi=\unitindent
20703       \section*{\small\SectFont\abstractname}%
20704       \noindent\ignorespaces
20705     \fi}
20706   {\if@twocolumn\else\par\egroup\fi}
20707 \fi
20708 \renewcommand*\regtocline[3]{%
20709   \ifnum #1>\c@tocdepth
20710   \else
20711     \vskip\z@\@plus.2\p@

```



```

20712     {\hangindent\z@ \@afterindenttrue \interlinepenalty\@M
20713     \ifRTL\rightskip\else\leftskip\fi\unitindent
20714     \ifRTL\leftskip\else\rightskip\fi\unitindent\@plus 1fil
20715     \parfillskip\z@
20716     \@tempdima\unitindent
20717     \parindent\z@
20718     \leavevmode
20719     \hbox{}\hskip -\ifRTL\rightskip\else\leftskip\fi\relax#2\nobreak
20720     \hskip 1em \nobreak{\slshape #3}\par
20721     }%
20722 \fi}
20723 \if@oldtoc
20724 \renewcommand*\l@part[2]{%
20725   \ifnum \c@tocdepth >-2\relax
20726     \addpenalty{-\@highpenalty}%
20727     \addvspace{2.25em \@plus\p@}%
20728     \begingroup
20729       \setlength\@tempdima{3em}%
20730       \parindent \z@ \ifRTL\leftskip\else\rightskip\fi \@pnumwidth
20731       \parfillskip -\@pnumwidth
20732       {\leavevmode
20733         \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
20734         \nobreak
20735         \global\@nobreaktrue
20736         \everypar{\global\@nobreakfalse\everypar{}}%
20737       \endgroup
20738   \fi}
20739 \else
20740 \renewcommand*\l@part{%
20741   \ifnum \c@tocdepth >-2\relax
20742     \addpenalty{-\@highpenalty}%
20743     \addvspace{2.25em \@plus \p@}%
20744     \@regtocline{0}%
20745   \fi}
20746 \fi
20747 \if@oldtoc
20748 \renewcommand*\l@chapter[2]{%
20749   \addpenalty{-\@highpenalty}%
20750   \vskip 1.0em \@plus\p@
20751   \setlength\@tempdima{1.5em}%
20752   \begingroup
20753     \parindent \z@ \ifRTL\leftskip\else\rightskip\fi \@pnumwidth
20754     \parfillskip -\@pnumwidth
20755     \leavevmode \bfseries
20756     \advance\ifRTL\rightskip\else\leftskip\fi\@tempdima
20757     \hskip -\ifRTL\rightskip\else\leftskip\fi
20758     #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
20759     \penalty\@highpenalty
20760   \endgroup}
20761 \else
20762 \renewcommand*\l@chapter{\@regtocline{0}}
20763 \fi
20764 \renewcommand*\left@footnoterule{%
20765   \kern-3\p@

```



```

20766 \kern.5\baselineskip
20767 \hrule\@width\unitindent
20768 \kern.4\baselineskip
20769 }
20770 \renewcommand*\right@footnoterule{%
20771 \kern-3\p@
20772 \kern.5\baselineskip
20773 \hbox to \columnwidth{\hskip \dimexpr\columnwidth-\unitindent\relax \hrulefill }
20774 \kern.4\baselineskip}
20775 \renewenvironment{thebibliography}[1]
20776 {\chapter*\bibname}%
20777 \mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
20778 \ifRTL\ifLTRbibitems\RTLfalse\else\fi\else\ifRTLbibitems\RTLtrue\else\fi\fi
20779 \bidi@thebibliography@font@hook%
20780 \list{\@biblabel{\@arabic\c@enumiv}}%
20781 {\settowidth\labelwidth{\@biblabel{#1}}%
20782 \leftmargin\labelwidth
20783 \advance\leftmargin\labelsep
20784 \@openbib@code
20785 \usecounter{enumiv}%
20786 \let\p@enumiv\@empty
20787 \renewcommand*\theenumiv{\@arabic\c@enumiv}}%
20788 \sloppy\clubpenalty4000\widowpenalty4000%
20789 \sfcode\.\@m}
20790 {\def\@noitemerr
20791 {\@latex@warning{Empty `thebibliography' environment}}}%
20792 \endlist}
20793 \renewcommand*\thesection{\thechapter\@SepMark\@arabic\c@section}
20794 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@subsection}
20795 \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
20796 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
20797 \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic\c@subparagraph}
20798 \renewcommand*\theequation{%
20799 \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@equation}
20800 \renewcommand*\thefigure{%
20801 \ifnum \c@chapter>\z@\thechapter\@SepMark\fi\@arabic\c@figure}
20802 \renewcommand*\thetable{%
20803 \ifnum \c@chapter>\z@\thechapter\@SepMark\fi\@arabic\c@table}
20804 \if@titlepage
20805 \renewcommand*\TitleFont{\rmfamily}
20806 \renewcommand*\maketitle{%
20807 \begin{titlepage}%
20808 \let\footnotesize\small
20809 \let\right@footnoterule\relax
20810 \let\left@footnoterule\relax
20811 \let\textwidth\footnoterule\relax
20812 \let \footnote \thanks
20813 \long\def\@makefnitem##1{\parindent\z@
20814 \def\labelitemi{\textendash}\@revlabeltrue
20815 \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
20816 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
20817 \if@compatibility\setcounter{page}{0}\fi
20818 \null\vfil
20819 \vskip 60\p@

```



```

20820 \begin{center}%
20821 \TitleFont
20822 {\LARGE \def\\{\penalty -\@M}
20823 \if@allcaps
20824 \expandafter\uc@nothanks\@title\thanks\relax
20825 \else
20826 \@title
20827 \fi\par}%
20828 \vskip 3em%
20829 {\large
20830 \lineskip .75em \parindent\z@
20831 \begin{tabular}[t]{c}%
20832 \if@allcaps
20833 \expandafter\uc@authornothanks\@author\and\relax
20834 \else
20835 \@author
20836 \fi
20837 \end{tabular}\par}%
20838 \vskip 1.5em%
20839 {\large
20840 \if@allcaps
20841 \uppercase\expandafter{\@date}%
20842 \else
20843 \@date
20844 \fi\par}%
20845 \end{center}\par
20846 \@thanks
20847 \vfil\null
20848 \end{titlepage}%
20849 \setcounter{footnote}{0}%
20850 \global\let\thanks\relax
20851 \global\let\maketitle\relax
20852 \global\let\@thanks\@empty
20853 \global\let\@author\@empty
20854 \global\let\@title\@empty
20855 \global\let\@date\@empty
20856 \global\let\title\relax
20857 \global\let\author\relax
20858 \global\let\date\relax
20859 \global\let\and\relax
20860 }
20861 \def\uc@nothanks#1\thanks{\uppercase{#1}\futurelet\@tempa\uc@tx}
20862 \def\uc@authornothanks#1\and{\uc@nothanks#1\thanks\relax
20863 \futurelet\@tempa\uc@ax}
20864 \def\uc@ax{%
20865 \ifx\@tempa\relax
20866 \else
20867 \\\andname \\\expandafter\uc@authornothanks
20868 \fi}
20869 \def\uc@tx{\ifx\@tempa\relax
20870 \else \expandafter\uc@ty \fi}
20871 \def\uc@ty#1{\thanks{#1}\uc@nothanks}
20872 \else
20873 \renewcommand*\maketitle{\par

```



```

20874 \begin{group
20875   \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
20876   \def\@makefnmark{\rlap{%
20877     \@textsuperscript{\normalfont\@thefnmark}}}%
20878   \long\def\@makefntext{\@xmakefntext{%
20879     \@textsuperscript{\normalfont\@thefnmark}}}%
20880   \if@twocolumn
20881     \ifnum \col@number=\@one
20882       \maketitle
20883     \else
20884       \twocolumn[\maketitle]%
20885     \fi
20886   \else
20887     \newpage
20888     \global\@topnum\z@
20889     \maketitle
20890   \fi
20891   \thispagestyle{plain}\@thanks
20892 \end{group}
20893 \setcounter{footnote}{0}%
20894 \global\let\thanks\relax
20895 \global\let\maketitle\relax
20896 \global\let\@maketitle\relax
20897 \global\let\@thanks\@empty
20898 \global\let\@author\@empty
20899 \global\let\@title\@empty
20900 \global\let\@date\@empty
20901 \global\let\title\relax
20902 \global\let\author\relax
20903 \global\let\date\relax
20904 \global\let\and\relax
20905 }
20906 \def\@maketitle{%
20907   \newpage
20908   \null
20909   \vskip 2em%
20910   \begin{center}%
20911     \let \footnote \thanks
20912     {\LARGE \TitleFont \@title \par}%
20913     \vskip 1.5em%
20914     {\large \TitleFont
20915       \lineskip .5em%
20916       \begin{tabular}[t]{c}%
20917         \@author
20918       \end{tabular}\par}%
20919     \vskip 1em%
20920     {\large \TitleFont \@date}%
20921   \end{center}%
20922   \par
20923   \vskip 1.5em}
20924 \fi

```

## 137 File rapport3-xetex-bidi.def



```

20925 \ProvidesFile{rapport3-xetex-bidi.def}[2017/06/09 v0.6 bidi adaptations for rapport3 class f
20926 \renewenvironment{theindex}{%
20927   \if@twocolumn
20928     \@restonecolfalse
20929   \else
20930     \@restonecoltrue
20931   \fi
20932   \columnseprule \z@
20933   \columnsep 35\p@
20934   \twocolumn[\@makeschapterhead{\indexname}]%
20935   \@mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}%
20936   \thispagestyle{plain}\parindent\z@
20937   \parskip\z@ \@plus .3\p@\relax
20938   \let\item\@idxitem
20939 }{%
20940   \if@restonecol\onecolumn\else\clearpage\fi}
20941 \if@titlepage
20942 \renewcommand*{\TitleFont{\rmfamily}}
20943 \renewcommand*{\maketitle{%
20944   \begin{titlepage}%
20945     \let\footnotesize\small
20946     \let\right@footnoterule\relax
20947     \let\left@footnoterule\relax
20948     \let\textwidth\footnoterule\relax
20949     \let \footnote \thanks
20950     \let \LTRfootnote \LTRthanks
20951     \let \RTLfootnote \RTLthanks
20952     \long\def\@makefntext##1{\parindent\z@
20953       \def\labelitemi{\textendash}\@revlabeltrue
20954       \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
20955     \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
20956     \if@compatibility\setcounter{page}{0}\fi
20957     \null\vfil
20958     \vskip 60\p@
20959     \begin{center}%
20960       \TitleFont
20961       {\LARGE \def\\{\penalty -\@M}
20962         \if@allcaps
20963           \expandafter\uc@nothanks\@title\thanks\relax
20964         \else
20965           \@title
20966         \fi\par}%
20967     \vskip 3em%
20968     {\large
20969       \lineskip .75em \parindent\z@
20970       \begin{tabular}[t]{c}%
20971         \if@allcaps
20972           \expandafter\uc@authornothanks\@author\and\relax
20973         \else
20974           \@author
20975         \fi
20976       \end{tabular}\par}%
20977     \vskip 1.5em%
20978     {\large

```



```

20979         \if@allcaps
20980             \uppercase\expandafter{\@date}%
20981         \else
20982             \@date
20983         \fi\par}%
20984     \end{center}\par
20985     \@thanks
20986     \vfil\null
20987 \end{titlepage}%
20988 \setcounter{footnote}{0}%
20989 \global\let\thanks\relax
20990 \global\let\LTRthanks\relax
20991 \global\let\RTLthanks\relax
20992 \global\let\maketitle\relax
20993 \global\let\@thanks\@empty
20994 \global\let\@author\@empty
20995 \global\let\@title\@empty
20996 \global\let\@date\@empty
20997 \global\let\title\relax
20998 \global\let\author\relax
20999 \global\let\date\relax
21000 \global\let\and\relax
21001 }
21002 \def\uc@nothanks#1\thanks{\uppercase{#1}\futurelet\@tempa\uc@tx}
21003 \def\uc@authornothanks#1\and{\uc@nothanks#1\thanks\relax
21004     \futurelet\@tempa\uc@ax}
21005 \def\uc@ax{%
21006     \ifx\@tempa\relax
21007     \else
21008         \andname \andname \expandafter\uc@authornothanks
21009     \fi}
21010 \def\uc@tx{\ifx\@tempa\relax
21011     \else \expandafter\uc@ty \fi}
21012 \def\uc@ty#1{\thanks{#1}\uc@nothanks}
21013 \else
21014 \renewcommand*\maketitle{\par
21015     \begingroup
21016     \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
21017     \def\@makefnmark{\rlap{%
21018         \@textsuperscript{\normalfont\@thefnmark}}}%
21019     \long\def\@makefntext{\@xmakefntext{%
21020         \@textsuperscript{\normalfont\@thefnmark}}}%
21021     \if@twocolumn
21022         \ifnum \col@number=\@ne
21023             \@maketitle
21024         \else
21025             \twocolumn[\@maketitle]%
21026         \fi
21027     \else
21028         \newpage
21029         \global\@topnum\z@
21030         \@maketitle
21031     \fi
21032     \thispagestyle{plain}\@thanks

```



```

21033 \endgroup
21034 \setcounter{footnote}{0}%
21035 \global\let\thanks\relax
21036 \global\let\LTRthanks\relax
21037 \global\let\RTLthanks\relax
21038 \global\let\maketitle\relax
21039 \global\let\@maketitle\relax
21040 \global\let\@thanks\@empty
21041 \global\let\@author\@empty
21042 \global\let\@title\@empty
21043 \global\let\@date\@empty
21044 \global\let\title\relax
21045 \global\let\author\relax
21046 \global\let\date\relax
21047 \global\let\and\relax
21048 }
21049 \def\@maketitle{%
21050 \newpage
21051 \null
21052 \vskip 2em%
21053 \if@titlecentered
21054 \begin{center}%
21055 \let \footnote \thanks
21056 \let \LTRfootnote \LTRthanks
21057 \let \RTLfootnote \RTLthanks
21058 {\LARGE \TitleFont \@title \par}%
21059 \vskip 1.5em%
21060 {\large \TitleFont
21061 \lineskip .5em%
21062 \begin{tabular}[t]{c}%
21063 \@author
21064 \end{tabular}\par}%
21065 \vskip 1em%
21066 {\large \TitleFont \@date}%
21067 \end{center}%
21068 \else
21069 {\LARGE \TitleFont \head@style \@title \par} \vskip 1.5em
21070 {\large \TitleFont \lineskip .5em \tabcolsep\z@
21071 \def\and{%% \begin{tabular} has already started
21072 \end{tabular}\hskip 1em plus .17fil
21073 \if@RTL\begin{tabular}[t]{r}\else\begin{tabular}[t]{l}\fi}% \end{tabu
21074 \if@RTL\begin{tabular}[t]{r}\else\begin{tabular}[t]{l}\fi\@author\end{tabular}\v
21075 \vskip 1em {\large \TitleFont \@date}
21076 \fi
21077 \par
21078 \vskip 1.5em}
21079 \fi
21080 \renewcommand*\@regtocline[3]{%
21081 \ifnum #1>\c@tocdepth
21082 \else
21083 \vskip\z@\@plus.2\p@
21084 {\hangindent\z@ \@afterindenttrue \interlinepenalty\@M
21085 \if@RTL\righskip\else\leftskip\fi\unitindent
21086 \if@RTL\leftskip\else\righskip\fi\unitindent\@plus 1fil

```



```

21087 \parfillskip\z@
21088 \@tempdima\unitindent
21089 \parindent\z@
21090 \leavevmode
21091 \hbox{}\hskip -\if@RTL\rightskip\else\leftskip\fi\relax#2\nobreak
21092 \hskip 1em \nobreak{\slshape #3}\par
21093 }%
21094 \fi}
21095 \if@oldtoc
21096 \renewcommand*\l@part[2]{%
21097 \ifnum \c@tocdepth >-2\relax
21098 \addpenalty{-\@highpenalty}%
21099 \addvspace{2.25em \@plus\p@}%
21100 \begingroup
21101 \setlength\@tempdima{3em}%
21102 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
21103 \parfillskip -\@pnumwidth
21104 {\leavevmode
21105 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
21106 \nobreak
21107 \global\@nobreaktrue
21108 \everypar{\global\@nobreakfalse\everypar{}}%
21109 \endgroup
21110 \fi}
21111 \else
21112 \renewcommand*\l@part{%
21113 \ifnum \c@tocdepth >-2\relax
21114 \addpenalty{-\@highpenalty}%
21115 \addvspace{2.25em \@plus \p@}%
21116 \@regtocline{0}%
21117 \fi}
21118 \fi
21119 \if@oldtoc
21120 \renewcommand*\l@chapter[2]{%
21121 \addpenalty{-\@highpenalty}%
21122 \vskip 1.0em \@plus\p@
21123 \setlength\@tempdima{1.5em}%
21124 \begingroup
21125 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
21126 \parfillskip -\@pnumwidth
21127 \leavevmode \bfseries
21128 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
21129 \hskip -\if@RTL\rightskip\else\leftskip\fi
21130 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
21131 \penalty\@highpenalty
21132 \endgroup}
21133 \else
21134 \renewcommand*\l@chapter{\@regtocline{0}}
21135 \fi
21136 \renewcommand*\head@style{%
21137 \interlinepenalty \@M
21138 \hyphenpenalty=\@M \exhyphenpenalty=\@M
21139 \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}
21140 \if@titlepage

```



```

21141 \renewenvironment{abstract}{%
21142     \titlepage
21143     \null\vfil
21144     \section*{\SectFont\abstractname}%
21145     \noindent\ignorespaces}
21146 {\par\vfil\null\endtitlepage}
21147 \else
21148 \renewenvironment{abstract}{%
21149     \if@twocolumn
21150     \section*{\abstractname}%
21151     \else
21152     \bgroup\ifRTL\leftskip\else\rightskip\fi=\unitindent
21153     \section*{\small\SectFont\abstractname}%
21154     \noindent\ignorespaces
21155     \fi}
21156 {\if@twocolumn\else\par\egroup\fi}
21157 \fi
21158 \renewcommand*\thesection{\thechapter\@SepMark\@arabic\c@section}
21159 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@subsection}
21160 \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
21161 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
21162 \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic\c@subparagraph}
21163 \renewcommand*\thefigure{%
21164     \ifnum\c@chapter>\z@\thechapter\@SepMark\fi\@arabic\c@figure}
21165 \renewcommand*\thetable{%
21166     \ifnum\c@chapter>\z@\thechapter\@SepMark\fi\@arabic\c@table}
21167 \renewcommand*\theequation{%
21168     \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@equation}
21169 \renewenvironment{thebibliography}[1]
21170 {\chapter*{\bibname}%
21171     \mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
21172     \ifRTL\ifLTRbibitems\@RTLfalse\else\fi\else\ifRTLbibitems\@RTLtrue\else\fi\fi
21173     \bidi@thebibliography@font@hook%
21174     \list{\@biblabel{\@arabic\c@enumiv}}%
21175         {\settowidth\labelwidth{\@biblabel{#1}}%
21176         \leftmargin\labelwidth
21177         \advance\leftmargin\labelsep
21178         \@openbib@code
21179         \usecounter{enumiv}%
21180         \let\p@enumiv\@empty
21181         \renewcommand*\theenumiv{\@arabic\c@enumiv}}%
21182     \sloppy\clubpenalty4000\widowpenalty4000%
21183     \sfcode`. \@m}
21184 {\def\@noitemerr
21185     {\@latex@warning{Empty `thebibliography' environment}}}%
21186     \endlist}
21187 \renewcommand*\left@footnoterule{%
21188     \kern-3\p@
21189     \kern.5\baselineskip
21190     \hrule\@width\unitindent
21191     \kern.4\baselineskip
21192 }
21193 \renewcommand*\right@footnoterule{%
21194     \kern-3\p@

```



```

21195 \kern.5\baselineskip
21196 \hbox to \columnwidth{\hskip \dimexpr\columnwidth-\unitindent\relax \hrulefill }
21197 \kern.4\baselineskip}
21198 \renewcommand*\head@style{%
21199     \interlinepenalty \@M
21200     \hyphenpenalty=\@M \exhyphenpenalty=\@M
21201     \ifRTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}

```

## 138 File refrep-xetex-bidi.def

```

21202 \ProvidesFile{refrep-xetex-bidi.def}[2017/06/09 v0.5 bidi adaptations for refrep class for X
21203 \if@titlepage
21204 \renewcommand\maketitle{\begin{titlepage}%
21205 \let\footnotesize\small
21206 \let\right@footnoterule\relax
21207 \let\left@footnoterule\relax
21208 \let\textwidth@footnoterule\relax
21209 \let\footnote\thanks
21210 \let\LTRfootnote\LTRthanks
21211 \let\RTLfootnote\RTLthanks
21212 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
21213 \def\@makefnmark%
21214     {\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
21215 \long\def\@makefntext##1{%
21216     \@setpar{\@par
21217         \@tempdima = \hsize
21218         \advance\@tempdima -1em
21219         \parshape \@ne 1em \@tempdima}%
21220     \par\parindent 1em \noindent
21221     \hb@xt@\z@{\hss\@textsuperscript{\normalfont\@thefnmark}\,}##1}
21222 \null\vfil
21223 \vskip 60\p@
21224 \begin{center}%
21225     {\LARGE \@title \par}%
21226     \vskip 3em%
21227     {\large
21228         \lineskip .75em%
21229         \begin{tabular}[t]{c}%
21230             \@author
21231         \end{tabular}\par}%
21232     \vskip 1.5em%
21233     {\large \@date \par}%           % Set date in \large size.
21234 \end{center}\par
21235 \@thanks
21236 \vfil\null
21237 \end{titlepage}%
21238 \setcounter{footnote}{0}%
21239 \global\let\thanks\relax
21240 \global\let\LTRthanks\relax
21241 \global\let\RTLthanks\relax
21242 \global\let\maketitle\relax
21243 \global\let\@thanks\@empty
21244 \global\let\@author\@empty
21245 \global\let\@date\@empty

```



```

21246 \global\let\@title\@empty
21247 \global\let\title\relax
21248 \global\let\author\relax
21249 \global\let\date\relax
21250 \global\let\and\relax
21251 }
21252 \else
21253 \renewcommand\maketitle{\par
21254   \begingroup
21255     \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
21256     \def\@makefnmark%
21257       {\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
21258     \long\def\@makefntext##1{%
21259       \@setpar{\@par
21260         \@tempdima = \hsize
21261         \advance\@tempdima -1em
21262         \parshape \@ne 1em \@tempdima}%
21263       \par\parindent 1em \noindent
21264       \hb@xt@\z@\{\hss\@textsuperscript{\normalfont\@thefnmark}\,\}##1}
21265     \if@twocolumn
21266       \ifnum \col@number=\@ne
21267         \@maketitle
21268       \else
21269         \twocolumn[\@maketitle]%
21270       \fi
21271     \else
21272       \newpage
21273       \global\@topnum\z@ % Prevents figures from going at top of page.
21274       \@maketitle
21275     \fi
21276     \thispagestyle{empty}\@thanks
21277   \endgroup
21278   \setcounter{footnote}{0}%
21279 \global\let\thanks\relax
21280 \global\let\LTRthanks\relax
21281 \global\let\RTLthanks\relax
21282 \global\let\maketitle\relax
21283 \global\let\@maketitle\relax
21284 \global\let\@thanks\@empty
21285 \global\let\@author\@empty
21286 \global\let\@date\@empty
21287 \global\let\@title\@empty
21288 \global\let\title\relax
21289 \global\let\author\relax
21290 \global\let\date\relax
21291 \global\let\and\relax
21292 }
21293 \def\@maketitle{%
21294   \newpage
21295   \null
21296   \longthickrule\vskip1.5em%
21297   \let \footnote \thanks
21298   \let \LTRfootnote \LTRthanks
21299   \let \RTLfootnote \RTLthanks

```



```

21300 { \secshape \parskip \z@ \parindent \z@
21301 \Large \bfseries \@title \par}%
21302 \vskip 1.5em \longthickrule \vskip 1.5em%
21303 { \normalsize
21304 \lineskip .5em%
21305 \begin{flushright}%
21306 { \slshape \@author \par}
21307 \vskip 1em%
21308 { \@date}%
21309 \end{flushright} \par}%
21310 \vskip 1.5em}
21311 \fi
21312 \renewcommand* \l@part [2] {%
21313 \ifnum \c@tocdepth > -2 \relax
21314 \addpenalty{-\@highpenalty}%
21315 \addvspace{2.25em \@plus \p}%
21316 \begingroup
21317 \parindent \z@ \if@RTL \leftskip \else \rightskip \fi \@pnumwidth
21318 \parfillskip -\@pnumwidth
21319 {\leavevmode
21320 \large \bfseries #1 \hfil \hbox to \@pnumwidth{\hss #2}} \par
21321 \nobreak
21322 \global \@nobreaktrue
21323 \everypar{\global \@nobreakfalse \everypar{}}%
21324 \endgroup
21325 \fi}
21326 \renewcommand* \l@chapter [2] {%
21327 \ifnum \c@tocdepth > \m@ne
21328 \addpenalty{-\@highpenalty}%
21329 \vskip 1.0em \@plus \p@
21330 \setlength\@tempdima{1.5em}%
21331 \begingroup
21332 \parindent \z@ \if@RTL \leftskip \else \rightskip \fi \@pnumwidth
21333 \parfillskip -\@pnumwidth
21334 \leavevmode \bfseries
21335 \advance \if@RTL \rightskip \else \leftskip \fi \@tempdima
21336 \hskip -\if@RTL \rightskip \else \leftskip \fi
21337 #1 \nobreak \hfil \nobreak \hbox to \@pnumwidth{\hss #2} \par
21338 \penalty \@highpenalty
21339 \endgroup
21340 \fi}
21341 \renewcommand \secshape {\if@RTL \rightskip \else \leftskip \fi = -\leftmarginwidth%
21342 \if@RTL \leftskip \else \rightskip \fi = \@flushglue%
21343 \hyphenpenalty = 2000}
21344 \renewcommand \left@footnoterule {%
21345 \kern -3 \p@
21346 \hrule \@width .4 \columnwidth
21347 \kern 2.6 \p@}
21348 \renewcommand \right@footnoterule {%
21349 \kern -3 \p@
21350 \hbox to \columnwidth{\hskip .6 \columnwidth \hrulefill }
21351 \kern 2.6 \p@}
21352 \renewcommand \theequation
21353 {\ifnum \c@chapter > \z@ \thechapter \@SepMark \fi \@arabic \c@equation}

```



```

21354 \renewcommand\thefigure
21355     {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
21356 \renewcommand\thetable%
21357     {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
21358 \renewcommand\thesection {\thechapter\@SepMark\@arabic\c@section}
21359 \renewcommand\thesubsection {\thesection\@SepMark\@arabic\c@subsection}
21360 \renewcommand\thesubsubsection {\thesubsection \@SepMark\@arabic\c@subsubsection}
21361 \renewcommand\theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
21362 \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}
21363 \renewenvironment{thebibliography}[1]
21364     {\chapter*{\bibname
21365         \@mkboth{\bibname}{\bibname}}%
21366         \ifRTL\ifLTRbibitems\@RTLfalse\else\fi\else\ifRTLbibitems\@RTLtrue\else\fi\fi
21367         \bidi@thebibliography@font@hook%
21368         \list{\@biblabel{\@arabic\c@enumiv}}%
21369             {\settowidth\labelwidth{\@biblabel{#1}}%
21370             \leftmargin\labelwidth
21371             \advance\leftmargin\labelsep
21372             \@openbib@code
21373             \usecounter{enumiv}%
21374             \let\p@enumiv\@empty
21375             \renewcommand\theenumiv{\@arabic\c@enumiv}}%
21376             \sloppy
21377             \clubpenalty4000
21378             \@clubpenalty \clubpenalty
21379             \widowpenalty4000%
21380             \sfcode\@.=\@m}
21381     {\def\@noitemerr
21382         {\@latex@warning{Empty `thebibliography' environment}}%
21383         \endlist}

```

## 139 File report-xetex-bidi.def

```

21384 \ProvidesFile{report-xetex-bidi.def}[2017/06/09 v0.8 bidi adaptations for standard report cl
21385 \renewenvironment{theindex}
21386     {\if@twocolumn
21387         \@restonecolfalse
21388         \else
21389             \@restonecoltrue
21390         \fi
21391         \columnseprule \z@
21392         \columnsep 35\p@
21393         \twocolumn[\@makeschapterhead{\indexname}]%
21394         \@mkboth{\MakeUppercase\indexname}%
21395             {\MakeUppercase\indexname}%
21396         \thispagestyle{plain}\parindent\z@
21397         \parskip\z@ \@plus .3\p@\relax
21398         \let\item\@idxitem}
21399     {\if@restonecol\onecolumn\else\clearpage\fi}
21400 \if@titlepage
21401 \renewcommand\maketitle{\begin{titlepage}%
21402 \let\footnotesize\small
21403 \let\right@footnoterule\relax
21404 \let\left@footnoterule\relax

```



```

21405 \let\textwidth@footnoterule\relax
21406 \let \footnote \thanks
21407 \let \LTRfootnote \LTRthanks
21408 \let \RTLfootnote \RTLthanks
21409 \null\vfil
21410 \vskip 60\p@
21411 \begin{center}%
21412   {\LARGE \@title \par}%
21413   \vskip 3em%
21414   {\large
21415     \lineskip .75em%
21416     \begin{tabular}[t]{c}%
21417       \@author
21418     \end{tabular}\par}%
21419     \vskip 1.5em%
21420     {\large \@date \par}%           % Set date in \large size.
21421 \end{center}\par
21422 \@thanks
21423 \vfil\null
21424 \end{titlepage}%
21425 \setcounter{footnote}{0}%
21426 \global\let\thanks\relax
21427 \global\let\LTRthanks\relax
21428 \global\let\RTLthanks\relax
21429 \global\let\maketitle\relax
21430 \global\let\@thanks\@empty
21431 \global\let\@author\@empty
21432 \global\let\@date\@empty
21433 \global\let\@title\@empty
21434 \global\let\title\relax
21435 \global\let\author\relax
21436 \global\let\date\relax
21437 \global\let\and\relax
21438 }
21439 \else
21440 \renewcommand\maketitle{\par
21441   \begingroup
21442     \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
21443     \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
21444     \long\def\@makefntext#1{\parindent 1em\noindent
21445       \hb@xt@1.8em{%
21446         \hss\@textsuperscript{\normalfont\@thefnmark}}\#1}%
21447     \if@twocolumn
21448       \ifnum \col@number=\@ne
21449         \@maketitle
21450       \else
21451         \twocolumn[\@maketitle]%
21452       \fi
21453     \else
21454       \newpage
21455       \global\@topnum\z@   % Prevents figures from going at top of page.
21456       \@maketitle
21457     \fi
21458     \thispagestyle{plain}\@thanks

```



```

21459 \endgroup
21460 \setcounter{footnote}{0}%
21461 \global\let\thanks\relax
21462 \global\let\LTRthanks\relax
21463 \global\let\RTLthanks\relax
21464 \global\let\maketitle\relax
21465 \global\let\@maketitle\relax
21466 \global\let\@thanks\@empty
21467 \global\let\@author\@empty
21468 \global\let\@date\@empty
21469 \global\let\@title\@empty
21470 \global\let\title\relax
21471 \global\let\author\relax
21472 \global\let\date\relax
21473 \global\let\and\relax
21474 }
21475 \def\@maketitle{%
21476 \newpage
21477 \null
21478 \vskip 2em%
21479 \begin{center}%
21480 \let \footnote \thanks
21481 \let \LTRfootnote \LTRthanks
21482 \let \RTLfootnote \RTLthanks
21483 {\LARGE \@title \par}%
21484 \vskip 1.5em%
21485 {\large
21486 \lineskip .5em%
21487 \begin{tabular}[t]{c}%
21488 \@author
21489 \end{tabular}\par}%
21490 \vskip 1em%
21491 {\large \@date}%
21492 \end{center}%
21493 \par
21494 \vskip 1.5em}
21495 \fi
21496 \renewcommand*\l@part[2]{%
21497 \ifnum \c@tocdepth >-2\relax
21498 \addpenalty{-\@highpenalty}%
21499 \addvspace{2.25em \@plus\p@}%
21500 \setlength\@tempdima{3em}%
21501 \begin{group
21502 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
21503 \parfillskip -\@pnumwidth
21504 {\leavevmode
21505 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
21506 \nobreak
21507 \global\@nobreaktrue
21508 \everypar{\global\@nobreakfalse\everypar{}}%
21509 \end{group
21510 \fi}
21511 \renewcommand*\l@chapter[2]{%
21512 \ifnum \c@tocdepth >\m@ne

```



```

21513 \addpenalty{-\@highpenalty}%
21514 \vskip 1.0em \@plus\p@
21515 \setlength\@tempdima{1.5em}%
21516 \begingroup
21517 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
21518 \parfillskip -\@pnumwidth
21519 \leavevmode \bfseries
21520 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
21521 \hskip -\if@RTL\rightskip\else\leftskip\fi
21522 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
21523 \penalty\@highpenalty
21524 \endgroup
21525 \fi}
21526 \renewcommand\left@footnoterule{%
21527 \kern-3\p@
21528 \hrule\@width.4\columnwidth
21529 \kern2.6\p@}
21530 \renewcommand\right@footnoterule{%
21531 \kern-3\p@
21532 \hbox to \columnwidth{\hskip .6\columnwidth \hrulefill }
21533 \kern2.6\p@}
21534 \renewcommand\theequation
21535 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
21536 \renewcommand \thefigure
21537 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
21538 \renewcommand \thetable
21539 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
21540 \renewcommand \thechapter {\@arabic\c@chapter}
21541 \renewcommand \thesection {\thechapter\@SepMark\@arabic\c@section}
21542 \renewcommand \thesubsection {\thesection\@SepMark\@arabic\c@subsection}
21543 \renewcommand \thesubsubsection{\thesubsection \@SepMark\@arabic\c@subsubsection}
21544 \renewcommand \theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
21545 \renewcommand \thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}
21546 \def\@makechapterhead#1{%
21547 \vspace*{50\p@}%
21548 {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi \normalfont
21549 \ifnum \c@secnumdepth >\m@ne
21550 \huge\bfseries \@chapapp\space \thechapter
21551 \par\nobreak
21552 \vskip 20\p@
21553 \fi
21554 \interlinepenalty\@M
21555 \Huge \bfseries #1\par\nobreak
21556 \vskip 40\p@
21557 }}
21558 \def\@makeschapterhead#1{%
21559 \vspace*{50\p@}%
21560 {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
21561 \normalfont
21562 \interlinepenalty\@M
21563 \Huge \bfseries #1\par\nobreak
21564 \vskip 40\p@
21565 }}
21566 \renewenvironment{thebibliography}[1]

```



```

21567 {\chapter*{\bibname}%
21568 \mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
21569 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
21570 \bidi@thebibliography@font@hook%
21571 \list{\@biblabel{\@arabic\c@enumiv}}%
21572 {\settowidth\labelwidth{\@biblabel{#1}}%
21573 \leftmargin\labelwidth
21574 \advance\leftmargin\labelsep
21575 \openbib@code
21576 \usecounter{enumiv}%
21577 \let\p@enumiv\@empty
21578 \renewcommand\theenumiv{\@arabic\c@enumiv}}%
21579 \sloppy
21580 \clubpenalty4000
21581 \@clubpenalty \clubpenalty
21582 \widowpenalty4000%
21583 \sfcode\.\@m}
21584 {\def\@noitemerr
21585 {\@latex@warning{Empty `thebibliography' environment}}}%
21586 \endlist}

```

## 140 File rotating-xetex-bidi.def

```

21587 \ProvidesFile{rotating-xetex-bidi.def}[2013/05/22 v0.2 bidi adaptations for rotating package]
21588 \def\end@rotfloat{%
21589 \end{minipage}\end{lrbox}%
21590 \stepcounter{r@tfl@t}%
21591 \rot@label{RF\ther@tfl@t}%
21592 \rot@pageref{RF\ther@tfl@t}{\R@@page}%
21593 \edef\@tempa{Adding sideways \@c@type\space on page \R@@page\space}
21594 \rot@mess@toks\expandafter{\@tempa}
21595 \wd\rot@float@box\z@
21596 \ht\rot@float@box\z@
21597 \dp\rot@float@box\z@
21598 \vboxL to \textheight{%
21599 \setkeys{Grot}{units=360}%
21600 \if@rot@twoside
21601 \else
21602 \let\R@@page\rot@LR
21603 \fi
21604 \ifthenelse{\isodd{\R@@page}}{%
21605 \if@rot@twoside
21606 \rot@mess@toks\expandafter{\the\rot@mess@toks (right hand page)}%
21607 \fi
21608 \vfill
21609 \@@line{%
21610 \hskip\rotFPtop
21611 \rotatebox{90}{\box\rot@float@box}%
21612 \hskip\rotFPbot
21613 }%
21614 }{%
21615 \if@rot@twoside
21616 \rot@mess@toks\expandafter{\the\rot@mess@toks (left hand page)}%
21617 \fi

```



```

21618 \@@line{%
21619 \hskip\rotFPbot
21620 \rotatebox{-90}{\box\rot@float@box}%
21621 \hskip\rotFPtop
21622 }%
21623 \vfill
21624 }%
21625 \rot@message{\the\rot@mess@toks}
21626 }%
21627 \end@float
21628 }
21629 \let\endsidewaysfigure\end@rotfloat
21630 \let\endsidewaysstable\end@rotfloat
21631 \def\end@rot@dblfloat{%
21632 \end{minipage}\end{lrbox}%
21633 \stepcounter{r@tfl@t}%
21634 \rot@label{RF\ther@tfl@t}%
21635 \rot@pageref{RF\ther@tfl@t}{\R@@page}%
21636 \edef\@tempa{Adding sideways \@capytype\space on page \R@@page\space}
21637 \rot@mess@toks\expandafter{\@tempa}
21638 \@tempdima\ht\rot@float@box
21639 \advance\@tempdima by \dp\rot@float@box
21640 \wd\rot@float@box\z@
21641 \ht\rot@float@box\z@
21642 \dp\rot@float@box\z@
21643 \vboxL to \textheight{%
21644 \setkeys{Grot}{units=360}%
21645 \if@rot@twoside
21646 \else
21647 \let\R@@page\rot@LR
21648 \fi
21649 \ifthenelse{\isodd{\R@@page}}{%
21650 \ifrot@messages
21651 \if@rot@twoside
21652 \rot@mess@toks\expandafter{\the\rot@mess@toks (right hand page)}}%
21653 \fi
21654 \fi
21655 \vfill
21656 \@@line{%
21657 \hskip\rotFPtop
21658 \rotatebox{90}{\box\rot@float@box}%
21659 \hskip\rotFPbot
21660 }%
21661 }{%
21662 \ifrot@messages
21663 \if@rot@twoside
21664 \rot@mess@toks\expandafter{\the\rot@mess@toks (left hand page)}}%
21665 \fi
21666 \fi%
21667 \@@line{%
21668 \hskip\rotFPbot
21669 \rotatebox{-90}{\box\rot@float@box}%
21670 \hskip\rotFPtop
21671 }%

```



```

21672     \vfill
21673   }%
21674   \rot@message{\the\rot@mess@toks}%
21675 }%
21676 \end@dblfloat
21677 }
21678 \def\turn#1{%
21679   \Grot@setangle{#1}%
21680   \setbox\z@\color@hbox\ifmmode\if@RTL\beginR\fi\else\if@RTL\beginR\fi\fi\ignorespaces}
21681 \def\endturn{%
21682   \ifmmode\if@RTL\endR\fi\else\if@RTL\endR\fi\fi
21683   \unskip\color@endbox
21684   \Grot@x\z@
21685   \Grot@y\z@
21686   \ifmmode\else\if@RTL\beginL\fi\fi\Grot@box\ifmmode\else\if@RTL\endL\fi\fi
21687 }
21688 \def\rotate#1{%
21689   \Grot@setangle{#1}%
21690   \setbox\z@\color@hbox\ifmmode\if@RTL\beginR\fi\else\if@RTL\beginR\fi\fi\ignorespaces}
21691 \def\endrotate{%
21692   \ifmmode\if@RTL\endR\fi\else\if@RTL\endR\fi\fi
21693   \unskip\color@endbox
21694   \Grot@x\z@
21695   \Grot@y\z@
21696   \wd0\z@\dp0\z@\ht0\z@
21697   \ifmmode\else\if@RTL\beginL\fi\fi\Grot@box\ifmmode\else\if@RTL\endL\fi\fi
21698 }
21699 \def\turnbox#1#2{%
21700   \Grot@setangle{#1}%
21701   \setbox\z@\hbox{\ifmmode\if@RTL\beginR\fi\else\if@RTL\beginR\fi\fi#2\ifmmode\if@RTL\endR\fi\fi}
21702   \Grot@x\z@\Grot@y\z@
21703   \wd0\z@\dp0\z@\ht0\z@
21704   \ifmmode\else\if@RTL\beginL\fi\fi\Grot@box\ifmmode\else\if@RTL\endL\fi\fi
21705 }
21706 \def\sideways{%
21707   \Grot@setangle{90}%
21708   \setbox\z@\color@hbox\ifmmode\if@RTL\beginR\fi\else\if@RTL\beginR\fi\fi\ignorespaces}
21709 \def\endsideways{%
21710   \ifmmode\if@RTL\endR\fi\else\if@RTL\endR\fi\fi
21711   \unskip\color@endbox
21712   \Grot@x\z@
21713   \Grot@y\z@
21714   \ifmmode\else\if@RTL\beginL\fi\fi\Grot@box\ifmmode\else\if@RTL\endL\fi\fi
21715 }

```

## 141 File scrartcl-xetex-bidi.def

```

21716 \ProvidesFile{scrartcl-xetex-bidi.def}[2022/05/27 v1.3 bidi adaptations for scrartcl class f
21717 \newcommand{\scr@saved@LTRfootnotetext}{}
21718 \newcommand{\scr@saved@RTLfootnotetext}{}
21719 \let\scr@saved@footnotetext\@footnotetext
21720 \let\scr@saved@LTRfootnotetext\@LTRfootnotetext
21721 \let\scr@saved@RTLfootnotetext\@RTLfootnotetext
21722 \renewcommand{\@footnotetext}[1]{%

```



```

21723 \scr@saved@footnotetext{#1}%
21724 \csname FN@mf@prepare\endcsname
21725 }
21726 \renewcommand{\@LTRfootnotetext}[1]{%
21727 \scr@saved@LTRfootnotetext{#1}%
21728 \csname FN@mf@prepare\endcsname
21729 }
21730 \renewcommand{\@RTLfootnotetext}[1]{%
21731 \scr@saved@RTLfootnotetext{#1}%
21732 \csname FN@mf@prepare\endcsname
21733 }
21734 \renewcommand\deffootnote[4][1]{%
21735 \expandafter\ifnum\scr@v@is@ge{3.22}\relax
21736 \long\def\@makefntext##1{%
21737 \ExecuteDoHook{footnote/text/begin}%
21738 \raggedfootnote
21739 \if@RTL
21740 \rightskip
21741 \else
21742 \leftskip
21743 \fi
21744 #2
21745 \l@addto@macro\@trivlist{%
21746 \ifnum\@listdepth=\@ne
21747 \if@RTL
21748 \advance\rightmargin #2\relax
21749 \else
21750 \advance\leftmargin #2\relax
21751 \fi
21752 \fi
21753 }%
21754 \parindent #3\noindent
21755 \IfArgIsEmpty{#1}{-}{%
21756 \hskip \dimexpr #1-#2\relax
21757 }%
21758 \ftn@font\hbox to \z@{\hss\@makefnmark}##1%
21759 \ExecuteDoHook{footnote/text/end}%
21760 }%
21761 \else
21762 \ClassInfo{\KOMAClassName}{%
21763 Using old \string\@makefntext\space due to compatibility
21764 level\MessageBreak
21765 less than 3.22}%
21766 \long\def\@makefntext##1{%
21767 \setlength{\@tempdimc}{#3}%
21768 \def\@tempa{#1}\ifx\@tempa\@empty
21769 \setpar{\@par
21770 \@tempdima = \hsize
21771 \addtolength{\@tempdima}{-#2}%
21772 \if@RTL
21773 \parshape \@ne \z@ \@tempdima
21774 \else
21775 \parshape \@ne #2 \@tempdima
21776 \fi}%

```



```

21777 \else
21778 \addtolength{\@tempdimc}{#2}%
21779 \addtolength{\@tempdimc}{-#1}%
21780 \@setpar{\@@par
21781 \@tempdima = \hsize
21782 \addtolength{\@tempdima}{-#1}%
21783 \@tempdimb = \hsize
21784 \addtolength{\@tempdimb}{-#2}%
21785 \if@RTL
21786 \parshape \tw@ \z@ \@tempdima \z@ \@tempdimb
21787 \else
21788 \parshape \tw@ #1 \@tempdima #2 \@tempdimb
21789 \fi
21790 }%
21791 \fi
21792 \par
21793 \parindent\@tempdimc\noindent
21794 \ftn@font\hbox to \z@{\hss\@makefnmark}##1%
21795 }%
21796 \fi
21797 \def\@makefnmark{\hbox{\ftn@font{#4}}}%
21798 }
21799 \deffootnote[1em]{1.5em}{1em}{\textsuperscript{\thefootnotemark}}
21800 \renewcommand*\left@footnoterule{%
21801 \normalsize\ftn@rule@test@values
21802 \kern-\dimexpr 2.6\p@+\ftn@rule@height\relax
21803 \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
21804 {\usekomafont{footnoterule}{%
21805 \hrule \@height\ftn@rule@height \@width\ftn@rule@width}}%
21806 \kern 2.6\p@}
21807 \renewcommand*\right@footnoterule{%
21808 \normalsize\ftn@rule@test@values
21809 \kern-\dimexpr 2.6\p@+\ftn@rule@height\relax
21810 \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
21811 {\usekomafont{footnoterule}{%
21812 \hbox to \columnwidth{\hskip \dimexpr\columnwidth-\ftn@rule@width\relax \leavevmode\l
21813 \kern 2.6\p@}
21814 \renewcommand*\maketitle[1][1]{%
21815 \expandafter\ifnum \csname scr@v3.12\endcsname>\scr@compatibility\relax
21816 \else
21817 \def\and{%
21818 \end{tabular}%
21819 \hskip 1em \@plus.17fil%
21820 \begin{tabular}[t]{c}%
21821 }%
21822 \fi
21823 \if@titlepage
21824 \begin{titlepage}
21825 \setcounter{page}{%
21826 #1%
21827 }%
21828 \if@titlepageiscoverpage
21829 \edef\tITLEPAGE@restore{%
21830 \noexpand\endgroup

```



```

21831         \noexpand\global\noexpand\@colht\the\@colht
21832         \noexpand\global\noexpand\@colroom\the\@colroom
21833         \noexpand\global\vsizethe\vsizethe
21834         \noexpand\global\noexpand\@titlepageiscoverpagefalse
21835         \noexpand\let\noexpand\titlepage@restore\noexpand\relax
21836     }%
21837     \begingroup
21838     \topmargin=\dimexpr \coverpagetopmargin-1in\relax
21839     \oddsidemargin=\dimexpr \coverpageleftmargin-1in\relax
21840     \evensidemargin=\dimexpr \coverpageleftmargin-1in\relax
21841     \textwidth=\dimexpr
21842     \paperwidth-\coverpageleftmargin-\coverpagerightmargin\relax
21843     \textheight=\dimexpr
21844     \paperheight-\coverpagetopmargin-\coverpagebottommargin\relax
21845     \headheight=0pt
21846     \headsep=0pt
21847     \footskip=\baselineskip
21848     \@colht=\textheight
21849     \@colroom=\textheight
21850     \vsizethe=\textheight
21851     \columnwidth=\textwidth
21852     \hsize=\columnwidth
21853     \linewidth=\hsize
21854     \else
21855         \let\titlepage@restore\relax
21856     \fi
21857     \let\footnotesize\small
21858     \let\right@footnoterule\relax
21859     \let\left@footnoterule\relax
21860     \let\textwidth@footnoterule\relax
21861     \let\footnote\thanks
21862     \let\LTRfootnote\LTRthanks
21863     \let\RTLfootnote\RTLthanks
21864     \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
21865     \let\@oldmakefnmark\@makefnmark
21866     \renewcommand*{\@makefnmark}{\rlap{\@oldmakefnmark}}%
21867     \ifx\@extratitle\@empty
21868         \ifx\@frontispiece\@empty
21869             \else
21870                 \if@twoside\mbox{}\next@tpage\fi
21871                 \noindent\@frontispiece\next@tdpage
21872             \fi
21873         \else
21874             \noindent\@extratitle
21875             \ifx\@frontispiece\@empty
21876                 \else
21877                     \next@tpage
21878                     \noindent\@frontispiece
21879                 \fi
21880                 \next@tdpage
21881             \fi
21882         \setparsizes{\z@}{\z@}{\z@\@plus 1fil}\par@updaterelative
21883         \ifx\@titlehead\@empty \else
21884             \begin{minipage}[t]{\textwidth}%

```



```

21885         \usekomafont{titlehead}{\@titlehead\par}%
21886     \end{minipage}\par
21887 \fi
21888 \null\vfill
21889 \begin{center}
21890     \ifx\@subject\@empty \else
21891         {\usekomafont{subject}{\@subject\par}}%
21892         \vskip 3em
21893     \fi
21894     {\usekomafont{title}{\huge \@title\par}}%
21895     \vskip 1em
21896     {\ifx\@subtitle\@empty\else\usekomafont{subtitle}{\@subtitle\par}\fi}%
21897     \vskip 2em
21898     {%
21899         \usekomafont{author}{%
21900             \lineskip 0.75em
21901             \begin{tabular}[t]{c}
21902                 \@author
21903             \end{tabular}\par
21904         }%
21905     }%
21906     \vskip 1.5em
21907     {\usekomafont{date}{\@date \par}}%
21908     \vskip \z@ \@plus3fill
21909     {\usekomafont{publishers}{\@publishers \par}}%
21910     \vskip 3em
21911 \end{center}\par
21912 \@thanks\global\let\@thanks\@empty
21913 \vfill\null
21914 \if@twoside
21915     \@tempswatrue
21916     \expandafter\ifnum \@nameuse{scr@v03.12}>\scr@compatibility\relax
21917     \else
21918         \ifx\@uppertitleback\@empty\ifx\@lowertitleback\@empty
21919             \@tempswafalse
21920         \fi\fi
21921     \fi
21922     \if@tempswa
21923         \next@tpage
21924         \begin{minipage}[t]{\textwidth}
21925             \@uppertitleback
21926         \end{minipage}\par
21927         \vfill
21928         \begin{minipage}[b]{\textwidth}
21929             \@lowertitleback
21930         \end{minipage}\par
21931         \@thanks\global\let\@thanks\@empty
21932     \fi
21933 \else
21934     \ifx\@uppertitleback\@empty\else
21935         \ClassWarning{KOMAClassName}{%
21936             non empty \string\uppertitleback\space ignored
21937             by \string\maketitle\MessageBreak
21938             in `twoside=false' mode%

```



```

21939         }%
21940     \fi
21941     \ifx\@lowertitleback\@empty\else
21942         \ClassWarning{\KOMAClassName}{%
21943             non empty \string\lowertitleback\space ignored
21944             by \string\maketitle\MessageBreak
21945             in `twoside=false' mode%
21946         }%
21947     \fi
21948 \fi
21949 \ifx\@dedication\@empty
21950 \else
21951     \next@tdpage\null\vfill
21952     {\centering\usekomafont{dedication}{\@dedication \par}}%
21953     \vskip \z@ \@plus3fill
21954     \@thanks\global\let\@thanks\@empty
21955     \cleardoubleemptypage
21956 \fi
21957 \ifx\titlepage@restore\relax\else\clearpage\titlepage@restore\fi
21958 \end{titlepage}
21959 \else
21960     \par
21961     \@tempcnta=%
21962     #1%
21963     \relax\ifnum\@tempcnta=1\else
21964         \ClassWarning{\KOMAClassName}{%
21965             Optional argument of \string\maketitle\space ignored\MessageBreak
21966             in `titlepage=false' mode%
21967         }%
21968     \fi
21969     \ifx\@uppertitleback\@empty\else
21970         \ClassWarning{\KOMAClassName}{%
21971             non empty \string\uppertitleback\space ignored
21972             by \string\maketitle\MessageBreak
21973             in `titlepage=false' mode%
21974         }%
21975     \fi
21976     \ifx\@lowertitleback\@empty\else
21977         \ClassWarning{\KOMAClassName}{%
21978             non empty \string\lowertitleback\space ignored
21979             by \string\maketitle\MessageBreak
21980             in `titlepage=false' mode%
21981         }%
21982     \fi
21983 \begingroup
21984     \let\titlepage@restore\relax
21985     \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
21986     \let\@oldmakefnmark\@makefnmark
21987     \renewcommand*{\@makefnmark}{\rlap\@oldmakefnmark}%
21988     \next@tdpage
21989     \if@twocolumn
21990         \ifnum \col@number=\@one
21991             \ifx\@extratitle\@empty
21992                 \ifx\@frontispiece\@empty\else\if@twoside\mbox{}\fi\fi

```



```

21993         \else
21994             \@makeextratitle
21995         \fi
21996         \ifx\@frontispiece\@empty
21997             \ifx\@extratitle\@empty\else\next@tdpage\fi
21998         \else
21999             \next@tpage
22000             \@makefrontispiece
22001             \next@tdpage
22002         \fi
22003         \@maketitle
22004     \else
22005         \ifx\@extratitle\@empty
22006             \ifx\@frontispiece\@empty\else\if@twoside\mbox{}\fi\fi
22007         \else
22008             \twocolumn[\@makeextratitle]%
22009         \fi
22010         \ifx\@frontispiece\@empty
22011             \ifx\@extratitle\@empty\else\next@tdpage\fi
22012         \else
22013             \next@tpage
22014             \twocolumn[\@makefrontispiece]%
22015             \next@tdpage
22016         \fi
22017         \twocolumn[\@maketitle]%
22018     \fi
22019 \else
22020     \ifx\@extratitle\@empty
22021         \ifx\@frontispiece\@empty\else \mbox{}\fi
22022     \else
22023         \@makeextratitle
22024     \fi
22025     \ifx\@frontispiece\@empty
22026         \ifx\@extratitle\@empty\else\next@tdpage\fi
22027     \else
22028         \next@tpage
22029         \@makefrontispiece
22030         \next@tdpage
22031     \fi
22032     \@maketitle
22033 \fi
22034 \ifx\titlepagestyle\@empty\else\thispagestyle{\titlepagestyle}\fi
22035 \@thanks\global\let\@thanks\@empty
22036 \endgroup
22037 \fi
22038 \setcounter{footnote}{0}%
22039 \expandafter\ifnum \csname scr@v@3.12\endcsname>\scr@compatibility\relax
22040     \let\thanks\relax
22041     \let\LTRthanks\relax
22042     \let\RTLthanks\relax
22043     \let\maketitle\relax
22044     \let\@maketitle\relax
22045     \global\let\@thanks\@empty
22046     \global\let\@author\@empty

```



```

22047 \global\let\@date\@empty
22048 \global\let\@title\@empty
22049 \global\let\@subtitle\@empty
22050 \global\let\@extratitle\@empty
22051 \global\let\@frontispiece\@empty
22052 \global\let\@titlehead\@empty
22053 \global\let\@subject\@empty
22054 \global\let\@publishers\@empty
22055 \global\let\@uppertitleback\@empty
22056 \global\let\@lowertitleback\@empty
22057 \global\let\@dedication\@empty
22058 \global\let\author\relax
22059 \global\let\title\relax
22060 \global\let\extratitle\relax
22061 \global\let\titlehead\relax
22062 \global\let\subject\relax
22063 \global\let\publishers\relax
22064 \global\let\uppertitleback\relax
22065 \global\let\lowertitleback\relax
22066 \global\let\dedication\relax
22067 \global\let\date\relax
22068 \fi
22069 \global\let\and\relax
22070 }%
22071 \def\raggedsection{\if@RTL\raggedleft\else\raggedright\fi}
22072 \def\raggedpart{\if@RTL\raggedleft\else\raggedright\fi}
22073 \renewcommand*\autodot{\if@altsecnumformat\@SepMark\fi}
22074 \renewcommand*{\thesubsection}{\thesection\@SepMark\@arabic\c@section}
22075 \renewcommand*{\thesubsubsection}{%
22076 \thesubsection\@SepMark\@arabic\c@subsubsection
22077 }
22078 \renewcommand*{\theparagraph}{\thesubsubsection\@SepMark\@arabic\c@paragraph}
22079 \renewcommand*{\thesubparagraph}{%
22080 \theparagraph\@SepMark\@arabic\c@subparagraph
22081 }
22082 \renewenvironment{thebibliography}[1]{%
22083 \if@bib@break@
22084 \bib@beginhook
22085 \else
22086 \bib@heading
22087 \ifx\bibpreamble\relax\else\ifx\bibpreamble\@empty\else
22088 \noindent\bibpreamble\par\nobreak
22089 \fi\fi
22090 \bib@beginhook
22091 \bib@before@hook
22092 \fi
22093 \renewcommand{\BreakBibliography}[1]{%
22094 \@bib@break
22095 \end{thebibliography}%
22096 \begingroup ##1\endgroup
22097 \begin{thebibliography}{#1}
22098 }%
22099 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
22100 \bidi@thebibliography@font@hook%

```



```

22101 \list{%
22102   \@biblabel{\@arabic\c@enumiv}%
22103 }{%
22104   \settowidth\labelwidth{\@biblabel{#1}}%
22105   \leftmargin\labelwidth
22106   \advance\leftmargin\labelsep
22107   \@openbib@code
22108   \if@bib@break@
22109     \edef\@tempa{%
22110       \noexpand\usecounter{enumiv}%
22111       \noexpand\setcounter{enumiv}{\the\c@enumiv}%
22112     }\@tempa
22113     \no@bib@break
22114   \else
22115     \usecounter{enumiv}%
22116   \fi
22117   \let\p@enumiv\@empty
22118   \renewcommand*\theenumiv{\@arabic\c@enumiv}%
22119 }%
22120 \sloppy\clubpenalty4000 \widowpenalty4000
22121 \sfcode`\.=\@m
22122 }{%
22123 \if@bib@break@
22124   \def\@noitemerr{%
22125     \@latex@warning{%
22126       \string\BreakBibliography\space at begin of `thebibliography'
22127       environment\MessageBreak
22128       or following \string\BreakBibliography}%
22129   }%
22130 \else
22131   \def\@noitemerr{%
22132     \@latex@warning{%
22133       Empty `thebibliography' environment or
22134       \string\BreakBibliography\MessageBreak
22135       before end of `thebibliography' environment}%
22136   }%
22137 \fi
22138 \endlist
22139 \if@bib@break@
22140 \else
22141   \bib@after@hook
22142   \let\bib@before@hook\@empty
22143   \let\bib@after@hook\@empty
22144 \fi
22145 \bib@endhook
22146 }
22147 \renewcommand*\@raggeddictum{\if@RTL\raggedright\else\raggedleft\fi}
22148 \renewcommand*\@raggeddictumtext{\if@RTL\raggedleft\else\raggedright\fi}
22149 \renewcommand*\@raggeddictumauthor{\if@RTL\raggedright\else\raggedleft\fi}
22150 \renewcommand\marginline[1]{%
22151   \marginpar[\if@RTL\raggedright\else\raggedleft\fi{#1}]{\if@RTL\raggedleft\else\raggedright\fi}
22152 }
22153 \renewcommand{\@@makecaption}[3]{%
22154   \cap@margin

```



```

22155 \begin{group}
22156   \ifonelinecaptions
22157     \def\stepcounter##1{\advance\value{##1}\@one}%
22158     \let\refstepcounter\stepcounter
22159     \let\label\@gobble
22160     \let\@footnotetext=\@gobble
22161     \let\@LTRfootnotetext=\@gobble
22162     \let\@RTLfootnotetext=\@gobble
22163     \let\hypertarget\@gobbletwo
22164     \edef\@xnewline{%
22165       \unexpanded{\ClassInfo{\KOMAClassName}{%
22166         Workaround for not recommended usage of \string\\ or\MessageBreak
22167         \string\newline in caption text
22168       }}%
22169       \hspace*{\linewidth}\hspace{1sp}%
22170     }%
22171     \unexpanded\expandafter{\@xnewline}%
22172   }%
22173   \edef\@xcentercr{%
22174     \unexpanded{\ClassInfo{\KOMAClassName}{%
22175       Workaround for not recommended usage of \string\\ or\MessageBreak
22176       \string\newline in caption text
22177     }}%
22178     \hspace*{\linewidth}\hspace{1sp}%
22179   }%
22180   \unexpanded\expandafter{\@xcentercr}%
22181 }%
22182 \settowidth{\@tempdima}{\scr@makesinglelinecaption{#1}{#2}{#3}}%
22183 \ifdim\@tempdima>\cap@width
22184   \aftergroup\scr@makemultilinecaption
22185 \else
22186   \aftergroup\scr@makesinglelinecaption
22187 \fi
22188 \else
22189   \aftergroup\scr@makemultilinecaption
22190 \fi
22191 \end{group}
22192 {#1}{#2}{#3}%
22193 }
22194 \renewcommand{\scr@makesinglelinecaption}[3]{%
22195   {%
22196     \usefontofkomafont{caption}{%
22197       \hb@xt@{\hsize}{%
22198         \cap@left
22199         \if@RTL
22200           \beginR
22201         \fi
22202         \scr@makesinglelinecaption{#1}{#2}{#3}%
22203         \if@RTL
22204           \endR
22205         \fi
22206         \cap@right
22207       }\par\kern\dp\strutbox%
22208     }%

```



```

22209 } \kern-\dp\strutbox
22210 }
22211 \renewcommand{\@makecaption}[2]{%
22212   \if@captionabove
22213     \vskip\belowcaptionskip
22214   \else
22215     \vskip\abovecaptionskip
22216   \fi
22217   \@makecaption\@firstofone{#1}{#2}%
22218   \if@captionabove
22219     \vskip\abovecaptionskip
22220   \else
22221     \vskip\belowcaptionskip
22222   \fi
22223 }
22224
22225 \renewcommand{\scr@makesinglelinecaption}[3]{%
22226   {\usekomafont{caption}{\strut\ignorespaces
22227     #1{\usekomafont{captionlabel}{#2\captionformat}}}%
22228     \ignorespaces #3\unskip}}%
22229 }
22230
22231 \renewcommand{\scr@makemultilinecaption}[3]{%
22232   {%
22233     \usefontofkomafont{caption}{%
22234       \hb@xt@\hsize{%
22235         \cap@left
22236         \vbox{\hsize\cap@width\linewidth\hsize
22237           \scr@ifundefinedorrelax{@captype}{%
22238             \ClassWarning{KOMAClassName}{%
22239               `string\caption' outside float.\MessageBreak
22240               Seems you are using `string\caption' outside a
22241               float.\MessageBreak
22242               Maybe you are using a package that uses
22243               `string\@makecaption'\MessageBreak
22244               without setting `string\@captype' before.\MessageBreak
22245               Because I cannot detect the caption type, I'm using\MessageBreak
22246               the empty one.%
22247             }%
22248             \let\@captype\@empty
22249           }{}%
22250           \scr@ifundefinedorrelax{ragged\@captype caption}{\raggedcaption}{%
22251             \@nameuse{ragged\@captype caption}%
22252           }%
22253           \ifdofullc@p
22254             \@hangfrom{%
22255               \strut
22256               \scr@smashdp{%
22257                 #1{%
22258                   \usekomafont{caption}{%
22259                     \usekomafont{captionlabel}{#2\captionformat}%
22260                   }%
22261                 }%
22262               }%

```



```

22263     }%
22264     {{\usekomafont{caption}{#3\scr@endstrut}}\par}%
22265 \else
22266     \ifdim\cap@indent<\z@
22267         \strut
22268         #1{%
22269             {\usekomafont{caption}{%
22270                 \usekomafont{captionlabel}{#2\captionformat}%
22271             }}%
22272         }\par}%
22273     \noindent{{\usekomafont{caption}{%
22274         \hspace*{-\cap@indent}#3\scr@endstrut
22275     }}\par}%
22276 \else
22277     \if@capbreak
22278         \strut
22279         #1{%
22280             {\usekomafont{caption}{%
22281                 \usekomafont{captionlabel}{#2\captionformat}%
22282             }}%
22283         }\par}%
22284     \noindent\@hangfrom{\hspace*{\cap@indent}}%
22285     {{\usekomafont{caption}{#3\scr@endstrut}}\par}%
22286 \else
22287     \@hangfrom{\scr@smashdp\strut\hspace*{\cap@indent}}%
22288     {%
22289         \hspace{-\cap@indent}%
22290         \scr@smashdp{%
22291             #1{\usekomafont{caption}{%
22292                 \usekomafont{captionlabel}{#2\captionformat}%
22293             }}%
22294         }%
22295     }%
22296     {{\usekomafont{caption}{#3\scr@endstrut}}\par}%
22297     }%
22298     \fi
22299 \fi
22300 \fi
22301 }%
22302 \cap@right
22303 }\par\kern\dp\strutbox
22304 }%
22305 }\kern-\dp\strutbox
22306 }
22307
22308 \bidi@AfterFile{longtable-xetex-bidi.def}{%
22309 \if@komalongtable
22310     \renewcommand{\LT@makecaption}[3]{%
22311         \noalign{%
22312             \if@captionabove
22313                 \vskip\belowcaptionskip
22314             \else
22315                 \vskip\abovecaptionskip
22316             \fi

```



```

22317 }%
22318 \LT@mccl\LT@cols c{%
22319 \hbox to\z@{\hss\parbox[t]{\linewidth{%
22320 \def\@captive{table}%
22321 \@@makecaption{#1}{#2}{#3}%
22322 \endgraf
22323 \if@captionabove
22324 \vskip\abovecaptionskip
22325 \else
22326 \vskip\belowcaptionskip
22327 \fi
22328 }%
22329 \hss
22330 }%
22331 }%
22332 }%
22333 \renewcommand*\scr@LT@array}{}%
22334 \let\scr@LT@array=\LT@array
22335 \renewcommand*\LT@array{%
22336 \let\scr@caption=\LT@caption
22337 \def\captionabove{\noalign{\global\@captionabovetrue}%
22338 \scr@caption}%
22339 \def\captionbelow{\noalign{\global\@captionabovetrue}%
22340 \scr@caption}%
22341 \if@tablecaptionabove
22342 \let\LT@caption=\captionabove
22343 \else
22344 \let\LT@caption=\captionbelow
22345 \fi
22346 \scr@LT@array
22347 }%
22348 \ClassInfo{\KOMAClassName}{%
22349 longtable captions redefined%
22350 }%
22351 \fi
22352 }
22353
22354 \CloneTOCEntryStyle{tocline}{part}
22355 \TOCEntryStyleStartInitCode{part}{%
22356 \expandafter\renewcommand%
22357 \csname scr@tso@#1@linefill\endcsname{\hfill}%
22358 \expandafter\renewcommand%
22359 \csname scr@tso@#1@entryformat\endcsname[1]{\usekomafont{partentry}{##1}}%
22360 \expandafter\renewcommand%
22361 \csname scr@tso@#1@pagenumberformat\endcsname[1]{%
22362 {\usekomafont{partentry}{\usekomafont{partentrypagenumber}{##1}}}%
22363 \expandafter\renewcommand\expandafter*%
22364 \csname scr@tso@#1@beforeskip\endcsname{2.25em \@plus\p0}%
22365 }
22366
22367 \CloneTOCEntryStyle{tocline}{section}
22368 \TOCEntryStyleStartInitCode{section}{%
22369 \expandafter\renewcommand%
22370 \csname scr@tso@#1@linefill\endcsname{%

```



```

22371 \if@sectionentrywithdots
22372 {\usekomafont{sectionentrydots}{\TOCLineLeaderFill}}\relax
22373 \else
22374 \hfill
22375 \fi
22376 }%
22377 \expandafter\renewcommand%
22378 \csname scr@tso@#1@entryformat\endcsname{\usekomafont{sectionentry}}}%
22379 \expandafter\renewcommand%
22380 \csname scr@tso@#1@pagenumberformat\endcsname[1]{\usekomafont{sectionentry}{\usekomafont{
22381 \expandafter\renewcommand\expandafter*%
22382 \csname scr@tso@#1@beforeskip\endcsname{1.0em \@plus\p@}%
22383 }
22384
22385 \CloneTOCEntryStyle{tocline}{subsection}
22386 \TOCEntryStyleStartInitCode{subsection}{%
22387 \expandafter\renewcommand%
22388 \csname scr@tso@#1@linefill\endcsname{\TOCLineLeaderFill\relax}}%
22389 \expandafter\renewcommand%
22390 \csname scr@tso@#1@pagenumberformat\endcsname[1]{%
22391 {\normalfont\normalcolor ##1}}}%
22392 }
22393
22394 \CloneTOCEntryStyle{subsection}{default}
22395
22396 \DeclareSectionCommand[%
22397 style=section,%
22398 level=1,%
22399 indent=\z@,%
22400 beforeskip=-3.5ex \@plus -1ex \@minus -.2ex,%
22401 afterskip=2.3ex \@plus.2ex,%
22402 tocstyle=section,%
22403 tocindent=0pt,%
22404 tocnumwidth=1.5em%
22405 ]{section}
22406 \DeclareSectionCommand[%
22407 style=part,%
22408 level=\z@,%
22409 tocstyle=part,%
22410 toplevel=\m@ne,%
22411 tocindent=\z@,%
22412 tocnumwidth=2em%
22413 ]{part}
22414 \DeclareSectionCommand[%
22415 style=section,%
22416 level=2,%
22417 indent=\z@,%
22418 beforeskip=-3.25ex\@plus -1ex \@minus -.2ex,%
22419 afterskip=1.5ex \@plus .2ex,%
22420 tocstyle=subsection,%
22421 tocindent=1.5em,%
22422 tocnumwidth=2.3em%
22423 ]{subsection}
22424 \DeclareSectionCommand[%

```



```

22425 style=section,%
22426 level=3,%
22427 indent=\z@,%
22428 beforeskip=-3.25ex\@plus -1ex \@minus -.2ex,%
22429 afterskip=1.5ex \@plus .2ex,%
22430 tocstyle=subsection,%
22431 tocindent=3.8em,%
22432 tocnumwidth=3.2em%
22433 ]{subsubsection}
22434 \DeclareSectionCommand[%
22435 style=section,%
22436 level=4,%
22437 indent=\z@,%
22438 beforeskip=3.25ex \@plus1ex \@minus .2ex,%
22439 afterskip=-1em,%
22440 tocstyle=subsection,%
22441 tocindentfollows=subsubsection,%
22442 tocindent=7.0em,%
22443 tocnumwidth=4.1em%
22444 ]{paragraph}
22445 \DeclareSectionCommand[%
22446 style=section,%
22447 level=5,%
22448 indent=\scr@parindent,%
22449 beforeskip=3.25ex \@plus1ex \@minus .2ex,%
22450 afterskip=-1em,%
22451 tocstyle=subsection,%
22452 tocindent=10em,%
22453 tocnumwidth=5em%
22454 ]{subparagraph}

```

## 142 File scrbook-xetex-bidi.def

```

22455 \ProvidesFile{scrbook-xetex-bidi.def}[2022/05/27 v1.3 bidi adaptations for scrbook class for
22456 \newcommand{\scr@saved@LTRfootnotetext}{}
22457 \newcommand{\scr@saved@RTLfootnotetext}{}
22458 \let\scr@saved@footnotetext\@footnotetext
22459 \let\scr@saved@LTRfootnotetext\@LTRfootnotetext
22460 \let\scr@saved@RTLfootnotetext\@RTLfootnotetext
22461 \renewcommand{\@footnotetext}[1]{%
22462   \scr@saved@footnotetext{#1}%
22463   \csname FN@mf@prepare\endcsname
22464 }
22465 \renewcommand{\@LTRfootnotetext}[1]{%
22466   \scr@saved@LTRfootnotetext{#1}%
22467   \csname FN@mf@prepare\endcsname
22468 }
22469 \renewcommand{\@RTLfootnotetext}[1]{%
22470   \scr@saved@RTLfootnotetext{#1}%
22471   \csname FN@mf@prepare\endcsname
22472 }
22473 \renewcommand\deffootnote[4][]{%
22474   \expandafter\ifnum\scr@v@is@ge{3.22}\relax
22475     \long\def\@makefntext##1{%

```



```

22476 \ExecuteDoHook{footnote/text/begin}%
22477 \raggedfootnote
22478 \if@RTL
22479 \rightskip
22480 \else
22481 \leftskip
22482 \fi
22483 #2
22484 \l@addto@macro\@trivlist{%
22485 \ifnum\@listdepth=\@one\advance
22486 \if@RTL
22487 \rightmargin #2\relax
22488 \else
22489 \leftmargin #2\relax
22490 \fi
22491 \fi
22492 }%
22493 \parindent #3\noindent
22494 \IfArgIsEmpty{#1}{-}%
22495 \hskip \dimexpr #1-#2\relax
22496 }%
22497 \ftn@font\hbox to \z@{\hss\@makefnmark}##1%
22498 \ExecuteDoHook{footnote/text/end}%
22499 }%
22500 \else
22501 \ClassInfo{\KOMAClassName}{%
22502 Using old \string\@makefnmark\space due to compatibility
22503 level\MessageBreak
22504 less than 3.22}%
22505 \long\def\@makefnmark##1{%
22506 \setlength{\@tempdimc}{#3}%
22507 \def\@tempa{#1}\ifx\@tempa\@empty
22508 \setpar{\@par
22509 \@tempdima = \hsize
22510 \addtolength{\@tempdima}{-#2}%
22511 \if@RTL
22512 \parshape \@one \z@ \@tempdima
22513 \else
22514 \parshape \@one #2 \@tempdima
22515 \fi
22516 }%
22517 \else
22518 \addtolength{\@tempdimc}{#2}%
22519 \addtolength{\@tempdimc}{-#1}%
22520 \setpar{\@par
22521 \@tempdima = \hsize
22522 \addtolength{\@tempdima}{-#1}%
22523 \@tempdimb = \hsize
22524 \addtolength{\@tempdimb}{-#2}%
22525 \if@RTL
22526 \parshape \tw@ \z@ \@tempdima \z@ \@tempdimb
22527 \else
22528 \parshape \tw@ #1 \@tempdima #2 \@tempdimb
22529 \fi

```



```

22530     }%
22531     \fi
22532     \par
22533     \parindent\@tempdimc\noindent
22534     \ftn@font\hbox to \z@\{\hss\@makefnmark\}##1%
22535     }%
22536     \fi
22537     \def\@makefnmark{\hbox{\ftn@font{#4}}}%
22538 }
22539 \deffootnote[1em]{1.5em}{1em}{\textsuperscript{\thefootnotemark}}
22540 \renewcommand*\left@footnoterule{%
22541     \normalsize\ftn@rule@test@values
22542     \kern-\dimexpr 2.6\p@+\ftn@rule@height\relax
22543     \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
22544     {\usekomafont{footnoterule}{%
22545         \hrule \@height\ftn@rule@height \@width\ftn@rule@width}}%
22546     \kern 2.6\p@}
22547 \renewcommand*\right@footnoterule{%
22548     \normalsize\ftn@rule@test@values
22549     \kern-\dimexpr 2.6\p@+\ftn@rule@height\relax
22550     \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
22551     {\usekomafont{footnoterule}{%
22552         \hbox to \columnwidth{\hskip \dimexpr\columnwidth-\ftn@rule@width\relax \leavevmode\l
22553     \kern 2.6\p@}
22554 \renewcommand*\maketitle[1][1]{%
22555     \expandafter\ifnum \csname scr@v3.12\endcsname>\scr@compatibility\relax
22556     \else
22557         \def\and{%
22558             \end{tabular}%
22559             \hskip 1em \@plus.17fil%
22560             \begin{tabular}[t]{c}%
22561         }%
22562     \fi
22563     \if@titlepage
22564         \begin{titlepage}
22565             \setcounter{page}{%
22566                 #1%
22567             }%
22568             \if@titlepageiscoverpage
22569                 \edef\titlepage@restore{%
22570                     \noexpand\endgroup
22571                     \noexpand\global\noexpand\@colht\the\@colht
22572                     \noexpand\global\noexpand\@colroom\the\@colroom
22573                     \noexpand\global\size\the\size
22574                     \noexpand\global\noexpand\@titlepageiscoverpagefalse
22575                     \noexpand\let\noexpand\titlepage@restore\noexpand\relax
22576                 }%
22577                 \begingroup
22578                 \topmargin=\dimexpr \coverpagetopmargin-1in\relax
22579                 \oddsidemargin=\dimexpr \coverpageleftmargin-1in\relax
22580                 \evensidemargin=\dimexpr \coverpageleftmargin-1in\relax
22581                 \textwidth=\dimexpr
22582                 \paperwidth-\coverpageleftmargin-\coverpagerightmargin\relax
22583                 \textheight=\dimexpr

```



```

22584 \paperheight-\coverpagetopmargin-\coverpagebottommargin\relax
22585 \headheight=0pt
22586 \headsep=0pt
22587 \footskip=\baselineskip
22588 \@colht=\textheight
22589 \@colroom=\textheight
22590 \vsize=\textheight
22591 \columnwidth=\textwidth
22592 \hsize=\columnwidth
22593 \linewidth=\hsize
22594 \else
22595 \let\titlepage@restore\relax
22596 \fi
22597 \let\footnotesize\small
22598 \let\right@footnoterule\relax
22599 \let\left@footnoterule\relax
22600 \let\textwidth@footnoterule\relax
22601 \let\footnote\thanks
22602 \let\LTRfootnote\LTRthanks
22603 \let\RTLfootnote\RTLthanks
22604 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
22605 \let\@oldmakefnmark\@makefnmark
22606 \renewcommand*{\@makefnmark}{\rlap{\@oldmakefnmark}}%
22607 \ifx\@extratitle\@empty
22608 \ifx\@frontispiece\@empty
22609 \else
22610 \if@twoside\mbox{}\next@tpage\fi
22611 \noindent\@frontispiece\next@tdpage
22612 \fi
22613 \else
22614 \noindent\@extratitle
22615 \ifx\@frontispiece\@empty
22616 \else
22617 \next@tpage
22618 \noindent\@frontispiece
22619 \fi
22620 \next@tdpage
22621 \fi
22622 \setparsizes{\z@}{\z@}{\z@\@plus 1fil}\par@updaterelative
22623 \ifx\@titlehead\@empty \else
22624 \begin{minipage}[t]{\textwidth}%
22625 \usekomafont{titlehead}{\@titlehead\par}%
22626 \end{minipage}\par
22627 \fi
22628 \null\vfill
22629 \begin{center}
22630 \ifx\@subject\@empty \else
22631 {\usekomafont{subject}{\@subject\par}}%
22632 \vskip 3em
22633 \fi
22634 {\usekomafont{title}{\huge \@title\par}}%
22635 \vskip 1em
22636 {\ifx\@subtitle\@empty\else\usekomafont{subtitle}{\@subtitle\par}\fi}%
22637 \vskip 2em

```



```

22638      {%
22639        \usekomafont{author}{%
22640          \lineskip 0.75em
22641          \begin{tabular}[t]{c}
22642            \@author
22643          \end{tabular}\par
22644        }%
22645      }%
22646      \vskip 1.5em
22647      {\usekomafont{date}{\@date \par}}%
22648      \vskip \z@ \@plus3fill
22649      {\usekomafont{publishers}{\@publishers \par}}%
22650      \vskip 3em
22651    \end{center}\par
22652    \@thanks\global\let\@thanks\@empty
22653    \vfill\null
22654    \if@twoside
22655      \@tempwattrue
22656      \expandafter\ifnum \@nameuse{scr@v@3.12}>\scr@compatibility\relax
22657      \else
22658        \ifx\@uppertitleback\@empty\ifx\@lowertitleback\@empty
22659          \@tempwafalse
22660        \fi\fi
22661      \fi
22662      \if@tempswa
22663        \next@tpage
22664        \begin{minipage}[t]{\textwidth}
22665          \@uppertitleback
22666        \end{minipage}\par
22667        \vfill
22668        \begin{minipage}[b]{\textwidth}
22669          \@lowertitleback
22670        \end{minipage}\par
22671        \@thanks\global\let\@thanks\@empty
22672      \fi
22673    \else
22674      \ifx\@uppertitleback\@empty\else
22675        \ClassWarning{\KOMAClassName}{%
22676          non empty \string\uppertitleback\space ignored
22677          by \string\maketitle\MessageBreak
22678          in `twoside=false' mode%
22679        }%
22680      \fi
22681      \ifx\@lowertitleback\@empty\else
22682        \ClassWarning{\KOMAClassName}{%
22683          non empty \string\lowertitleback\space ignored
22684          by \string\maketitle\MessageBreak
22685          in `twoside=false' mode%
22686        }%
22687      \fi
22688    \fi
22689    \ifx\@dedication\@empty
22690    \else
22691      \next@tdpage\null\vfill

```



```

22692         {\centering\usekomafont{dedication}{\@dedication \par}}%
22693         \vskip \z@ \@plus3fill
22694         \@thanks\global\let\@thanks\@empty
22695         \cleardoubleemptypage
22696     \fi
22697     \ifx\titlepage@restore\relax\else\clearpage\titlepage@restore\fi
22698 \end{titlepage}
22699 \else
22700     \par
22701     \@tempcnta=%
22702     #1%
22703     \relax\ifnum\@tempcnta=1\else
22704         \ClassWarning{\KOMAClassName}{%
22705             Optional argument of \string\maketitle\space ignored\MessageBreak
22706             in `titlepage=false' mode%
22707         }%
22708     \fi
22709     \ifx\@uppertitleback\@empty\else
22710         \ClassWarning{\KOMAClassName}{%
22711             non empty \string\uppertitleback\space ignored
22712             by \string\maketitle\MessageBreak
22713             in `titlepage=false' mode%
22714         }%
22715     \fi
22716     \ifx\@lowertitleback\@empty\else
22717         \ClassWarning{\KOMAClassName}{%
22718             non empty \string\lowertitleback\space ignored
22719             by \string\maketitle\MessageBreak
22720             in `titlepage=false' mode%
22721         }%
22722     \fi
22723     \begingroup
22724         \let\titlepage@restore\relax
22725         \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
22726         \let\@oldmakefnmark\@makefnmark
22727         \renewcommand*{\@makefnmark}{\rlap{\@oldmakefnmark}}%
22728         \next@tdpage
22729         \if@twocolumn
22730             \ifnum \col@number=\@one
22731                 \ifx\@extratitle\@empty
22732                     \ifx\@frontispiece\@empty\else\if@twoside\mbox{}\fi\fi
22733                 \else
22734                     \@makeextratitle
22735                 \fi
22736                 \ifx\@frontispiece\@empty
22737                     \ifx\@extratitle\@empty\else\next@tdpage\fi
22738                 \else
22739                     \next@tpage
22740                     \@makefrontispiece
22741                     \next@tdpage
22742                 \fi
22743                 \@maketitle
22744             \else
22745                 \ifx\@extratitle\@empty

```



```

22746         \ifx\@frontispiece\@empty\else\if@twoside\mbox{}\fi\fi
22747     \else
22748         \twocolumn[\@makeextratitle]%
22749     \fi
22750     \ifx\@frontispiece\@empty
22751         \ifx\@extratitle\@empty\else\next@tdpage\fi
22752     \else
22753         \next@tpage
22754         \twocolumn[\@makefrontispiece]%
22755         \next@tdpage
22756     \fi
22757     \twocolumn[\@maketitle]%
22758 \fi
22759 \else
22760     \ifx\@extratitle\@empty
22761         \ifx\@frontispiece\@empty\else \mbox{}\fi
22762     \else
22763         \@makeextratitle
22764     \fi
22765     \ifx\@frontispiece\@empty
22766         \ifx\@extratitle\@empty\else\next@tdpage\fi
22767     \else
22768         \next@tpage
22769         \@makefrontispiece
22770         \next@tdpage
22771     \fi
22772     \@maketitle
22773 \fi
22774     \ifx\titlepagestyle\@empty\else\thispagestyle{\titlepagestyle}\fi
22775     \@thanks\global\let\@thanks\@empty
22776 \endgroup
22777 \fi
22778 \setcounter{footnote}{0}%
22779 \expandafter\ifnum \cscname scr@v@3.12\endcsname>\scr@compatibility\relax
22780     \let\thanks\relax
22781     \let\LTRthanks\relax
22782     \let\RTLthanks\relax
22783     \let\maketitle\relax
22784     \let\@maketitle\relax
22785     \global\let\@thanks\@empty
22786     \global\let\@author\@empty
22787     \global\let\@date\@empty
22788     \global\let\@title\@empty
22789     \global\let\@subtitle\@empty
22790     \global\let\@extratitle\@empty
22791     \global\let\@frontispiece\@empty
22792     \global\let\@titlehead\@empty
22793     \global\let\@subject\@empty
22794     \global\let\@publishers\@empty
22795     \global\let\@uppertitleback\@empty
22796     \global\let\@lowertitleback\@empty
22797     \global\let\@dedication\@empty
22798     \global\let\author\relax
22799     \global\let\title\relax

```



```

22800 \global\let\extratitle\relax
22801 \global\let\titlehead\relax
22802 \global\let\subject\relax
22803 \global\let\publishers\relax
22804 \global\let\uppertitleback\relax
22805 \global\let\lowertitleback\relax
22806 \global\let\dedication\relax
22807 \global\let\date\relax
22808 \fi
22809 \global\let\and\relax
22810 }%
22811 \def\raggedsection{\if@RTL\raggedleft\else\raggedright\fi}
22812 \renewcommand*\autodot{\if@altsecnumformat\@SepMark\fi}
22813 \renewcommand*\thesection{%
22814 \expandafter\ifnum\scr@v@is@gt{2.97d}%
22815 \if@mainmatter\thechapter\@SepMark\fi
22816 \else
22817 \thechapter\@SepMark%
22818 \fi
22819 \@arabic\c@section
22820 }
22821 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@subsection}
22822 \renewcommand*\thesubsubsection{%
22823 \thesubsection\@SepMark\@arabic\c@subsubsection
22824 }
22825 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
22826 \renewcommand*\thesubparagraph{%
22827 \theparagraph\@SepMark\@arabic\c@subparagraph
22828 }
22829 \expandafter\ifnum\scr@v@is@le{2.97d}%
22830 \renewcommand*\thefigure{\thechapter\@SepMark\@arabic\c@figure}
22831 \fi
22832 \expandafter\ifnum\scr@v@is@le{2.97d}%
22833 \renewcommand*\thetable{\thechapter\@SepMark\@arabic\c@table}
22834 \fi
22835 \renewcommand*\theequation{%
22836 \expandafter\ifnum\scr@v@is@gt{2.97d}%
22837 \if@mainmatter\thechapter\@SepMark\fi
22838 \else
22839 \thechapter\@SepMark%
22840 \fi
22841 \@arabic\c@equation
22842 }
22843 \renewenvironment{thebibliography}[1]{%
22844 \if@bib@break@
22845 \bib@beginhook
22846 \else
22847 \ifx\bibpreamble\relax\else\ifx\bibpreamble\@empty\else
22848 \setchapterpreamble{\bibpreamble}%
22849 \fi\fi
22850 \bib@heading
22851 \bib@beginhook
22852 \bib@before@hook
22853 \fi

```



```

22854 \renewcommand{\BreakBibliography}[1]{%
22855   \@bib@break
22856   \end{thebibliography}%
22857   \begingroup ##1\endgroup
22858   \begin{thebibliography}{#1}
22859 }%
22860 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
22861 \bidi@thebibliography@font@hook%
22862 \list{%
22863   \@biblabel{\@arabic\c@enumiv}%
22864 }{%
22865   \settowidth\labelwidth{\@biblabel{#1}}%
22866   \leftmargin\labelwidth
22867   \advance\leftmargin\labelsep
22868   \@openbib@code
22869   \if@bib@break@
22870     \edef\@tempa{%
22871       \noexpand\usecounter{enumiv}%
22872       \noexpand\setcounter{enumiv}{\the\c@enumiv}%
22873     }\@tempa
22874     \no@bib@break
22875   \else
22876     \usecounter{enumiv}%
22877   \fi
22878   \let\p@enumiv\@empty
22879   \renewcommand*\theenumiv{\@arabic\c@enumiv}%
22880 }%
22881 \sloppy\clubpenalty4000 \widowpenalty4000
22882 \sfcode`\.=\@m
22883 }{%
22884 \if@bib@break@
22885   \def\@noitemerr{%
22886     \@latex@warning{%
22887       \string\BreakBibliography\space at begin of `thebibliography'
22888       environment\MessageBreak
22889       or following \string\BreakBibliography}%
22890   }%
22891 \else
22892   \def\@noitemerr{%
22893     \@latex@warning{%
22894       Empty `thebibliography' environment or
22895       \string\BreakBibliography\MessageBreak
22896       before end of `thebibliography' environment}%
22897   }%
22898 \fi
22899 \endlist
22900 \if@bib@break@
22901 \else
22902   \bib@after@hook
22903   \let\bib@before@hook\@empty
22904   \let\bib@after@hook\@empty
22905 \fi
22906 \bib@endhook
22907 }

```



```

22908 \renewcommand*{\raggeddictum}{\if@RTL\raggedright\else\raggedleft\fi}
22909 \renewcommand*{\raggeddictumtext}{\if@RTL\raggedleft\else\raggedright\fi}
22910 \renewcommand*{\raggeddictumauthor}{\if@RTL\raggedright\else\raggedleft\fi}
22911 \renewcommand\marginline[1]{%
22912   \marginpar[\if@RTL\raggedright\else\raggedleft\fi{#1}]{\if@RTL\raggedleft\else\raggedright\fi}
22913 }
22914 \renewcommand{\@makecaption}[3]{%
22915   \cap@margin
22916   \begingroup
22917     \ifonelinecaptions
22918       \def\stepcounter##1{\advance\value{##1}\@ne}%
22919       \let\refstepcounter\stepcounter
22920       \let\label\@gobble
22921       \let\@footnotetext=\@gobble
22922       \let\@LTRfootnotetext=\@gobble
22923       \let\@RTLfootnotetext=\@gobble
22924       \let\hypertarget\@gobbletwo
22925       \edef\@xnewline{%
22926         \unexpanded{\ClassInfo{\KOMAClassName}}{%
22927           Workaround for not recommended usage of \string\\ or\MessageBreak
22928           \string\newline in caption text
22929         }%
22930         \hspace*{\linewidth}\hspace{1sp}%
22931       }%
22932       \unexpanded\expandafter{\@xnewline}%
22933     }%
22934     \edef\@xcentercr{%
22935       \unexpanded{\ClassInfo{\KOMAClassName}}{%
22936         Workaround for not recommended usage of \string\\ or\MessageBreak
22937         \string\newline in caption text
22938       }%
22939       \hspace*{\linewidth}\hspace{1sp}%
22940     }%
22941     \unexpanded\expandafter{\@xcentercr}%
22942     }%
22943     \settowidth{\@tempdima}{\scr@makesinglelinecaption{#1}{#2}{#3}}%
22944     \ifdim\@tempdima>\cap@width
22945       \aftergroup\scr@makemultilinecaption
22946     \else
22947       \aftergroup\scr@makesinglelinecaption
22948     \fi
22949   \else
22950     \aftergroup\scr@makemultilinecaption
22951   \fi
22952 \endgroup
22953 {#1}{#2}{#3}%
22954 }
22955 \renewcommand{\scr@makesinglelinecaption}[3]{%
22956   {%
22957     \usefontofkomafont{caption}{%
22958       \hb@xt@{\hsize}{%
22959         \cap@left
22960         \if@RTL
22961           \beginR

```



```

22962         \fi
22963         \scr@makesinglelinecaption{#1}{#2}{#3}%
22964         \if@RTL
22965             \endR
22966         \fi
22967         \cap@right
22968     }\par\kern\dp\strutbox%
22969 }%
22970 }\kern-\dp\strutbox
22971 }
22972 \renewcommand{\@makecaption}[2]{%
22973     \if@captionabove
22974         \vskip\belowcaptionskip
22975     \else
22976         \vskip\abovecaptionskip
22977     \fi
22978     \@makecaption\@firstofone{#1}{#2}%
22979     \if@captionabove
22980         \vskip\abovecaptionskip
22981     \else
22982         \vskip\belowcaptionskip
22983     \fi
22984 }
22985
22986 \renewcommand{\scr@makesinglelinecaption}[3]{%
22987     {\usekomafont{caption}{\strut\ignorespaces
22988         #1{\usekomafont{captionlabel}{#2\captionformat}}}%
22989         \ignorespaces #3\unskip}}%
22990 }
22991
22992 \renewcommand{\scr@makemultilinecaption}[3]{%
22993     {%
22994         \usefontofkomafont{caption}{%
22995             \hb@xt@\hsize{%
22996                 \cap@left
22997                 \vbox{\hsize\cap@width\linewidth\hsize
22998                     \scr@ifundefinedorrelax{@captive}{%
22999                         \ClassWarning{KOMAClassName}{%
23000                             `\'string\caption' outside float.\MessageBreak
23001                             Seems you are using `\'string\caption' outside a
23002                             float.\MessageBreak
23003                             Maybe you are using a package that uses
23004                             `\'string\@makecaption'\MessageBreak
23005                             without setting `\'string\@captive' before.\MessageBreak
23006                             Because I cannot detect the caption type, I'm using\MessageBreak
23007                             the empty one.%
23008                         }%
23009                         \let\@captive\@empty
23010                     }{}%
23011                     \scr@ifundefinedorrelax{ragged\@captive caption}{\raggedcaption}{%
23012                         \@nameuse{ragged\@captive caption}%
23013                     }%
23014                     \ifdofullc@p
23015                         \@hangfrom{%

```



```

23016         \strut
23017         \scr@smashdp{%
23018             #1{%
23019                 \usekomafont{caption}{%
23020                     \usekomafont{captionlabel}{#2\captionformat}%
23021                 }%
23022             }%
23023         }%
23024     }%
23025     {{\usekomafont{caption}{#3\scr@endstrut}}\par}%
23026 \else
23027     \ifdim\cap@indent<\z@
23028         \strut
23029         #1{%
23030             {\usekomafont{caption}{%
23031                 \usekomafont{captionlabel}{#2\captionformat}%
23032             }%
23033         }\par}%
23034         \noindent{{\usekomafont{caption}{%
23035             \hspace*{-\cap@indent}#3\scr@endstrut
23036         }}\par}%
23037     \else
23038         \if@capbreak
23039             \strut
23040             #1{%
23041                 {\usekomafont{caption}{%
23042                     \usekomafont{captionlabel}{#2\captionformat}%
23043                 }
23044             }\par}%
23045             \noindent\@hangfrom{\hspace*{\cap@indent}}%
23046             {{\usekomafont{caption}{#3\scr@endstrut}}\par}%
23047         \else
23048             \@hangfrom{\scr@smashdp\strut\hspace*{\cap@indent}}%
23049             {%
23050                 \hspace{-\cap@indent}%
23051                 \scr@smashdp{%
23052                     #1{\usekomafont{caption}{%
23053                         \usekomafont{captionlabel}{#2\captionformat}%
23054                     }%
23055                 }%
23056             }%
23057             {{\usekomafont{caption}{#3\scr@endstrut}}\par}%
23058         }%
23059         \fi
23060     \fi
23061 }%
23062 \cap@right
23063 }\par\kern\dp\strutbox
23064 }%
23065 }\kern-\dp\strutbox
23066 }
23067 }
23068
23069

```



```

23070 \bidi@AfterFile{longtable-xetex-bidi.def}{%
23071   \if@komalongtable
23072     \renewcommand{\LT@makecaption}[3]{%
23073       \noalign{%
23074         \if@captionabove
23075           \vskip\belowcaptionskip
23076         \else
23077           \vskip\abovecaptionskip
23078         \fi
23079       }%
23080       \LT@mcol\LT@cols c{%
23081         \hbox to\z@{\hss\parbox[t]{\linewidth{%
23082           \def\@captype{table}%
23083           \@makecaption{#1}{#2}{#3}%
23084           \endgraf
23085           \if@captionabove
23086             \vskip\abovecaptionskip
23087           \else
23088             \vskip\belowcaptionskip
23089           \fi
23090         }%
23091         \hss
23092       }%
23093     }%
23094   }%
23095   \renewcommand*\scr@LT@array}{}%
23096   \let\scr@LT@array=\LT@array
23097   \renewcommand*\LT@array{%
23098     \let\scr@caption=\LT@caption
23099     \def\captionabove{\noalign{\global\@captionabovetrue}%
23100       \scr@caption}%
23101     \def\captionbelow{\noalign{\global\@captionabovefalse}%
23102       \scr@caption}%
23103     \if@tablecaptionabove
23104       \let\LT@caption=\captionabove
23105     \else
23106       \let\LT@caption=\captionbelow
23107     \fi
23108     \scr@LT@array
23109   }%
23110   \ClassInfo{\KOMAClassName}{%
23111     longtable captions redefined%
23112   }%
23113 \fi
23114 }
23115
23116 \CloneTOCEntryStyle{tocline}{part}
23117 \TOCEntryStyleStartInitCode{part}{%
23118   \expandafter\renewcommand%
23119   \csname scr@tso@#1@linefill\endcsname{\hfill}%
23120   \expandafter\renewcommand%
23121   \csname scr@tso@#1@entryformat\endcsname[1]{\usekomafont{partentry}{##1}}%
23122   \expandafter\renewcommand%
23123   \csname scr@tso@#1@pagenumberformat\endcsname[1]{%

```



```

23124     {\usekomafont{partentry}{\usekomafont{partentrypagenumber}{##1}}}%
23125 \expandafter\renewcommand\expandafter*%
23126 \csname scr@tso@#1@beforeskip\endcsname{2.25em \@plus\p@}%
23127 }
23128
23129 \CloneTOCEntryStyle{tocline}{chapter}
23130 \TOCEntryStyleStartInitCode{chapter}{%
23131 \expandafter\renewcommand%
23132 \csname scr@tso@#1@linefill\endcsname{%
23133 \if@chapterentrywithdots
23134 {\usekomafont{chapterentrydots}{\TOCLineLeaderFill}}\relax
23135 \else
23136 \hfill
23137 \fi
23138 }%
23139 \expandafter\renewcommand%
23140 \csname scr@tso@#1@entryformat\endcsname{\usekomafont{chapterentry}}}%
23141 \expandafter\renewcommand%
23142 \csname scr@tso@#1@pagenumberformat\endcsname[1]{%
23143 {\usekomafont{chapterentry}{\usekomafont{chapterentrypagenumber}{##1}}}%
23144 \expandafter\renewcommand\expandafter*%
23145 \csname scr@tso@#1@beforeskip\endcsname{1.0em \@plus\p@}%
23146 }
23147
23148 \CloneTOCEntryStyle{tocline}{section}
23149 \TOCEntryStyleStartInitCode{section}{%
23150 \expandafter\renewcommand%
23151 \csname scr@tso@#1@linefill\endcsname{\TOCLineLeaderFill\relax}%
23152 \expandafter\renewcommand%
23153 \csname scr@tso@#1@pagenumberformat\endcsname[1]{%
23154 {\normalfont\normalcolor ##1}}}%
23155 }
23156
23157 \CloneTOCEntryStyle{section}{default}
23158
23159 \DeclareSectionCommand[%
23160 style=chapter,%
23161 level=\z@,%
23162 pagestyle=plain,%
23163 tocstyle=chapter,%
23164 tocindent=\z@,%
23165 tocnumwidth=1.5em%
23166 ]{chapter}
23167 \DeclareSectionCommand[%
23168 style=section,%
23169 level=1,%
23170 indent=\z@,%
23171 beforekip=-3.5ex \@plus -1ex \@minus -.2ex,%
23172 afterskip=2.3ex \@plus .2ex,%
23173 tocstyle=section,%
23174 tocindentfollows=chapter,%
23175 tocindent=1.5em,%
23176 tocnumwidth=2.3em%
23177 ]{section}

```



```

23178 \DeclareSectionCommand[%
23179   style=part,%
23180   level=\m@ne,%
23181   pagestyle=plain,%
23182   tocstyle=part,%
23183   toplevel=\m@ne,%
23184   tocindent=\z@,%
23185   tocnumwidth=2em%
23186 ]{part}
23187 \DeclareSectionCommand[%
23188   style=section,%
23189   level=2,%
23190   indent=\z@,%
23191   beforekip=-3.25ex\@plus -1ex \@minus -.2ex,%
23192   afterskip=1.5ex \@plus .2ex,%
23193   tocstyle=section,%
23194   tocindent=3.8em,%
23195   tocnumwidth=3.2em%
23196 ]{subsection}
23197 \DeclareSectionCommand[%
23198   style=section,%
23199   level=3,%
23200   indent=\z@,%
23201   beforekip=-3.25ex\@plus -1ex \@minus -.2ex,%
23202   afterskip=1.5ex \@plus .2ex,%
23203   tocstyle=section,%
23204   tocindent=7.0em,%
23205   tocnumwidth=4.1em%
23206 ]{subsubsection}
23207 \DeclareSectionCommand[%
23208   style=section,%
23209   level=4,%
23210   indent=\z@,%
23211   beforekip=3.25ex \@plus 1ex \@minus .2ex,%
23212   afterskip=-1em,%
23213   tocindentfollows=subsubsection,%
23214   tocstyle=section,%
23215   tocindent=10em,%
23216   tocnumwidth=5em%
23217 ]{paragraph}
23218 \DeclareSectionCommand[%
23219   style=section,%
23220   level=5,%
23221   indent=\scr@parindent,%
23222   beforekip=3.25ex \@plus 1ex \@minus .2ex,%
23223   afterskip=-1em,%
23224   tocstyle=section,%
23225   tocindent=12em,%
23226   tocnumwidth=6em%
23227 ]{subparagraph}

```

## 143 File scrreprt-xetex-bidi.def

```

23228 \ProvidesFile{scrreprt-xetex-bidi.def}[2022/05/27 v1.3 bidi adaptations for scrreprt class f

```



```

23229 \newcommand{\scr@saved@LTRfootnotetext}{}
23230 \newcommand{\scr@saved@RTLfootnotetext}{}
23231 \let\scr@saved@footnotetext\@footnotetext
23232 \let\scr@saved@LTRfootnotetext\@LTRfootnotetext
23233 \let\scr@saved@RTLfootnotetext\@RTLfootnotetext
23234 \renewcommand{\@footnotetext}[1]{%
23235   \scr@saved@footnotetext{#1}%
23236   \csname FN@mfb@prepare\endcsname
23237 }
23238 \renewcommand{\@LTRfootnotetext}[1]{%
23239   \scr@saved@LTRfootnotetext{#1}%
23240   \csname FN@mfb@prepare\endcsname
23241 }
23242 \renewcommand{\@RTLfootnotetext}[1]{%
23243   \scr@saved@RTLfootnotetext{#1}%
23244   \csname FN@mfb@prepare\endcsname
23245 }
23246 \renewcommand\deffootnote[4][1]{%
23247   \expandafter\ifnum\scr@v@is@ge{3.22}\relax
23248     \long\def\@makefntext##1{%
23249       \ExecuteDoHook{footnote/text/begin}%
23250       \raggedfootnote
23251       \if@RTL
23252         \rightskip
23253       \else
23254         \leftskip
23255       \fi
23256       #2
23257       \l@addto@macro\@trivlist{%
23258         \ifnum\@listdepth=\@one
23259           \if@RTL
23260             \advance\rightmargin #2\relax
23261           \else
23262             \advance\leftmargin #2\relax
23263           \fi
23264         \fi
23265       }%
23266       \parindent #3\noindent
23267       \IfArgIsEmpty{#1}{-}{%
23268         \hskip \dimexpr #1-#2\relax
23269       }%
23270       \ftn@font\hbox to \z@{\hss\@makefnmark}##1%
23271       \ExecuteDoHook{footnote/text/end}%
23272     }%
23273   \else
23274     \ClassInfo{\KOMAClassName}{%
23275       Using old \string\@makefntext\space due to compatibility
23276       level\MessageBreak
23277       less than 3.22}%
23278     \long\def\@makefntext##1{%
23279       \setlength{\@tempdimc}{#3}%
23280       \def\@tempa{#1}\ifx\@tempa\@empty
23281         \@setpar{\@par
23282           \@tempdima = \hspace

```



```

23283         \addtolength{\@tempdima}{-#2}%
23284         \if@RTL
23285             \parshape \@ne \z@ \@tempdima
23286         \else
23287             \parshape \@ne #2 \@tempdima
23288         \fi
23289     }%
23290 \else
23291     \addtolength{\@tempdimc}{#2}%
23292     \addtolength{\@tempdimc}{-#1}%
23293     \@setpar{\@par
23294         \@tempdima = \hspace
23295         \addtolength{\@tempdima}{-#1}%
23296         \@tempdimb = \hspace
23297         \addtolength{\@tempdimb}{-#2}%
23298         \if@RTL
23299             \parshape \tw@ \z@ \@tempdima \z@ \@tempdimb
23300         \else
23301             \parshape \tw@ #1 \@tempdima #2 \@tempdimb
23302         \fi
23303     }%
23304 \fi
23305 \par
23306 \parindent\@tempdimc\noindent
23307 \ftn@font\hbox to \z@{\hss\@makefnmark}##1%
23308 }%
23309 \fi
23310 \def\@makefnmark{\hbox{\ftn@font{#4}}}%
23311 }
23312 \deffootnote[1em]{1.5em}{1em}{\textsuperscript{\thefootnotemark}}
23313 \renewcommand*\left@footnoterule{%
23314     \normalsize\ftn@rule@test@values
23315     \kern-\dimexpr 2.6\p@+\ftn@rule@height\relax
23316     \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
23317     {\usekomafont{footnoterule}{%
23318         \hrule \@height\ftn@rule@height \@width\ftn@rule@width}}%
23319     \kern 2.6\p@}
23320 \renewcommand*\right@footnoterule{%
23321     \normalsize\ftn@rule@test@values
23322     \kern-\dimexpr 2.6\p@+\ftn@rule@height\relax
23323     \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
23324     {\usekomafont{footnoterule}{%
23325         \hbox to \columnwidth{\hskip \dimexpr\columnwidth-\ftn@rule@width\relax \leavevmode\
23326         \kern 2.6\p@}
23327 \renewcommand*\maketitle[1][1]{%
23328     \expandafter\ifnum \cscname scr@v@3.12\endcsname>\scr@compatibility\relax
23329 \else
23330     \def\and{%
23331         \end{tabular}%
23332         \hspace 1em \@plus.17fil%
23333         \begin{tabular}[t]{c}%
23334     }%
23335 \fi
23336 \if@titlepage

```



```

23337 \begin{titlepage}
23338 \setcounter{page}{%
23339 #1%
23340 }%
23341 \if@titlepageiscoverpage
23342 \edef\titlepage@restore{%
23343 \noexpand\endgroup
23344 \noexpand\global\noexpand\@colht\the\@colht
23345 \noexpand\global\noexpand\@colroom\the\@colroom
23346 \noexpand\global\vsizethe\vsizethe
23347 \noexpand\global\noexpand\@titlepageiscoverpagefalse
23348 \noexpand\let\noexpand\titlepage@restore\noexpand\relax
23349 }%
23350 \begingroup
23351 \topmargin=\dimexpr \coverpagetopmargin-1in\relax
23352 \oddsidemargin=\dimexpr \coverpageleftmargin-1in\relax
23353 \evensidemargin=\dimexpr \coverpageleftmargin-1in\relax
23354 \textwidth=\dimexpr
23355 \paperwidth-\coverpageleftmargin-\coverpagerightmargin\relax
23356 \textheight=\dimexpr
23357 \paperheight-\coverpagetopmargin-\coverpagebottommargin\relax
23358 \headheight=0pt
23359 \headsep=0pt
23360 \footskip=\baselineskip
23361 \@colht=\textheight
23362 \@colroom=\textheight
23363 \vsizethe\textheight
23364 \columnwidth=\textwidth
23365 \hsize=\columnwidth
23366 \linewidth=\hsize
23367 \else
23368 \let\titlepage@restore\relax
23369 \fi
23370 \let\footnotesize\small
23371 \let\right@footnoterule\relax
23372 \let\left@footnoterule\relax
23373 \let\textwidth@footnoterule\relax
23374 \let\footnote\thanks
23375 \let\LTRfootnote\LTRthanks
23376 \let\RTLfootnote\RTLthanks
23377 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
23378 \let\@oldmakefnmark\@makefnmark
23379 \renewcommand*\@makefnmark{\rlap\@oldmakefnmark}%
23380 \ifx\@extratitle\@empty
23381 \ifx\@frontispiece\@empty
23382 \else
23383 \if@twoside\mbox{}\next@tpage\fi
23384 \noindent\@frontispiece\next@tdpage
23385 \fi
23386 \else
23387 \noindent\@extratitle
23388 \ifx\@frontispiece\@empty
23389 \else
23390 \next@tpage

```



```

23391         \noindent\@frontispiece
23392     \fi
23393     \next@tdpage
23394 \fi
23395 \setparsizes{\z@}{\z@}{\z@\@plus 1fil}\par@updateerelative
23396 \ifx\@titlehead\@empty \else
23397     \begin{minipage}[t]{\textwidth}%
23398         \usekomafont{titlehead}{\@titlehead\par}%
23399     \end{minipage}\par
23400 \fi
23401 \null\vfill
23402 \begin{center}
23403     \ifx\@subject\@empty \else
23404         {\usekomafont{subject}{\@subject\par}}%
23405         \vskip 3em
23406     \fi
23407     {\usekomafont{title}{\huge \@title\par}}%
23408     \vskip 1em
23409     {\ifx\@subtitle\@empty\else\usekomafont{subtitle}{\@subtitle\par}\fi}%
23410     \vskip 2em
23411     {%
23412         \usekomafont{author}{%
23413             \lineskip 0.75em
23414             \begin{tabular}[t]{c}
23415                 \@author
23416             \end{tabular}\par
23417         }%
23418     }%
23419     \vskip 1.5em
23420     {\usekomafont{date}{\@date \par}}%
23421     \vskip \z@ \@plus3fill
23422     {\usekomafont{publishers}{\@publishers \par}}%
23423     \vskip 3em
23424 \end{center}\par
23425 \@thanks\global\let\@thanks\@empty
23426 \vfill\null
23427 \if@twoside
23428     \@tempswatrue
23429     \expandafter\ifnum \@nameuse{scr@v@3.12}>\scr@compatibility\relax
23430 \else
23431     \ifx\@uppertitleback\@empty\ifx\@lowertitleback\@empty
23432         \@tempswafalse
23433     \fi\fi
23434 \fi
23435 \if@tempswa
23436     \next@tpage
23437     \begin{minipage}[t]{\textwidth}
23438         \@uppertitleback
23439     \end{minipage}\par
23440     \vfill
23441     \begin{minipage}[b]{\textwidth}
23442         \@lowertitleback
23443     \end{minipage}\par
23444     \@thanks\global\let\@thanks\@empty

```



```

23445     \fi
23446   \else
23447     \ifx\@uppertitleback\@empty\else
23448       \ClassWarning{\KOMAClassName}{%
23449         non empty \string\uppertitleback\space ignored
23450         by \string\maketitle\MessageBreak
23451         in `twoside=false' mode%
23452       }%
23453     \fi
23454     \ifx\@lowertitleback\@empty\else
23455       \ClassWarning{\KOMAClassName}{%
23456         non empty \string\lowertitleback\space ignored
23457         by \string\maketitle\MessageBreak
23458         in `twoside=false' mode%
23459       }%
23460     \fi
23461   \fi
23462   \ifx\@dedication\@empty
23463   \else
23464     \next@tdpage\null\vfill
23465     {\centering\usekomafont{dedication}{\@dedication \par}}%
23466     \vskip \z@ \@plus3fill
23467     \@thanks\global\let\@thanks\@empty
23468     \cleardoubleemptypage
23469   \fi
23470   \ifx\titlepage@restore\relax\else\clearpage\titlepage@restore\fi
23471 \end{titlepage}
23472 \else
23473   \par
23474   \@tempcnta=%
23475   #1%
23476   \relax\ifnum\@tempcnta=1\else
23477     \ClassWarning{\KOMAClassName}{%
23478       Optional argument of \string\maketitle\space ignored\MessageBreak
23479       in `titlepage=false' mode%
23480     }%
23481   \fi
23482   \ifx\@uppertitleback\@empty\else
23483     \ClassWarning{\KOMAClassName}{%
23484       non empty \string\uppertitleback\space ignored
23485       by \string\maketitle\MessageBreak
23486       in `titlepage=false' mode%
23487     }%
23488   \fi
23489   \ifx\@lowertitleback\@empty\else
23490     \ClassWarning{\KOMAClassName}{%
23491       non empty \string\lowertitleback\space ignored
23492       by \string\maketitle\MessageBreak
23493       in `titlepage=false' mode%
23494     }%
23495   \fi
23496   \begingroup
23497     \let\titlepage@restore\relax
23498     \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%

```



```

23499 \let\@oldmakefnmark\@makefnmark
23500 \renewcommand*{\@makefnmark}{\rlap{\@oldmakefnmark}}%
23501 \next@tdpage
23502 \if@twocolumn
23503   \ifnum \col@number=\@one
23504     \ifx\@extratitle\@empty
23505       \ifx\@frontispiece\@empty\else\if@twoside\mbox{}\fi\fi
23506     \else
23507       \@makeextratitle
23508     \fi
23509     \ifx\@frontispiece\@empty
23510       \ifx\@extratitle\@empty\else\next@tdpage\fi
23511     \else
23512       \next@tpage
23513       \@makefrontispiece
23514       \next@tdpage
23515     \fi
23516     \@maketitle
23517   \else
23518     \ifx\@extratitle\@empty
23519       \ifx\@frontispiece\@empty\else\if@twoside\mbox{}\fi\fi
23520     \else
23521       \twocolumn[\@makeextratitle]%
23522     \fi
23523     \ifx\@frontispiece\@empty
23524       \ifx\@extratitle\@empty\else\next@tdpage\fi
23525     \else
23526       \next@tpage
23527       \twocolumn[\@makefrontispiece]%
23528       \next@tdpage
23529     \fi
23530     \twocolumn[\@maketitle]%
23531   \fi
23532 \else
23533   \ifx\@extratitle\@empty
23534     \ifx\@frontispiece\@empty\else \mbox{}\fi
23535   \else
23536     \@makeextratitle
23537   \fi
23538   \ifx\@frontispiece\@empty
23539     \ifx\@extratitle\@empty\else\next@tdpage\fi
23540   \else
23541     \next@tpage
23542     \@makefrontispiece
23543     \next@tdpage
23544   \fi
23545   \@maketitle
23546 \fi
23547 \ifx\titlepagestyle\@empty\else\thispagestyle{\titlepagestyle}\fi
23548 \@thanks\global\let\@thanks\@empty
23549 \endgroup
23550 \fi
23551 \setcounter{footnote}{0}%
23552 \expandafter\ifnum \csname scr@v@3.12\endcsname>\scr@compatibility\relax

```



```

23553 \let\thanks\relax
23554 \let\LTRthanks\relax
23555 \let\RTLthanks\relax
23556 \let\maketitle\relax
23557 \let\@maketitle\relax
23558 \global\let\@thanks\@empty
23559 \global\let\@author\@empty
23560 \global\let\@date\@empty
23561 \global\let\@title\@empty
23562 \global\let\@subtitle\@empty
23563 \global\let\@extratitle\@empty
23564 \global\let\@frontispiece\@empty
23565 \global\let\@titlehead\@empty
23566 \global\let\@subject\@empty
23567 \global\let\@publishers\@empty
23568 \global\let\@uppertitleback\@empty
23569 \global\let\@lowertitleback\@empty
23570 \global\let\@dedication\@empty
23571 \global\let\author\relax
23572 \global\let\title\relax
23573 \global\let\extratitle\relax
23574 \global\let\titlehead\relax
23575 \global\let\subject\relax
23576 \global\let\publishers\relax
23577 \global\let\uppertitleback\relax
23578 \global\let\lowertitleback\relax
23579 \global\let\dedication\relax
23580 \global\let\date\relax
23581 \fi
23582 \global\let\and\relax
23583 }%
23584 \def\raggedsection{\if@RTL\raggedleft\else\raggedright\fi}
23585 \renewcommand*\autodot{\if@altsecnumformat\@SepMark\fi}
23586 \renewcommand*\thesection{%
23587 \thechapter\@SepMark%
23588 \@arabic\c@section
23589 }
23590 \renewcommand*{\thesubsection}{\thesection\@SepMark\@arabic\c@subsection}
23591 \renewcommand*{\thesubsubsection}{%
23592 \thesubsection\@SepMark\@arabic\c@subsubsection
23593 }
23594 \renewcommand*{\theparagraph}{\thesubsubsection\@SepMark\@arabic\c@paragraph}
23595 \renewcommand*{\thesubparagraph}{%
23596 \theparagraph\@SepMark\@arabic\c@subparagraph
23597 }
23598 \expandafter\ifnum\scr@v@is@le{2.97d}%
23599 \renewcommand*\thefigure{\thechapter\@SepMark\@arabic\c@figure}
23600 \fi
23601 \expandafter\ifnum\scr@v@is@le{2.97d}%
23602 \renewcommand*\thetable{\thechapter\@SepMark\@arabic\c@table}
23603 \fi
23604 \renewcommand*\theequation{%
23605 \thechapter\@SepMark%
23606 \@arabic\c@equation

```



```

23607 }
23608 \renewenvironment{thebibliography}[1]{%
23609   \if@bib@break@
23610     \bib@beginhook
23611   \else
23612     \ifx\bibpreamble\relax\else\ifx\bibpreamble\@empty\else
23613       \setchapterpreamble{\bibpreamble}%
23614     \fi\fi
23615     \bib@heading
23616     \bib@beginhook
23617     \bib@before@hook
23618   \fi
23619   \renewcommand{\BreakBibliography}[1]{%
23620     \@bib@break
23621     \end{thebibliography}%
23622     \begingroup ##1\endgroup
23623     \begin{thebibliography}{#1}
23624   }%
23625   \ifRTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
23626   \bidi@thebibliography@font@hook%
23627   \list{%
23628     \@biblabel{\@arabic\c@enumiv}%
23629   }{%
23630     \settowidth\labelwidth{\@biblabel{#1}}%
23631     \leftmargin\labelwidth
23632     \advance\leftmargin\labelsep
23633     \openbib@code
23634     \if@bib@break@
23635       \edef\@tempa{%
23636         \noexpand\usecounter{enumiv}%
23637         \noexpand\setcounter{enumiv}{\the\c@enumiv}%
23638       }\@tempa
23639       \no@bib@break
23640     \else
23641       \usecounter{enumiv}%
23642     \fi
23643     \let\p@enumiv\@empty
23644     \renewcommand*\theenumiv{\@arabic\c@enumiv}%
23645   }%
23646   \sloppy\clubpenalty4000 \widowpenalty4000
23647   \sfcode`\.=\@m
23648 }{%
23649   \if@bib@break@
23650     \def\@noitemerr{%
23651       \@latex@warning{%
23652         \string\BreakBibliography\space at begin of `thebibliography'
23653         environment\MessageBreak
23654         or following \string\BreakBibliography}%
23655     }%
23656   \else
23657     \def\@noitemerr{%
23658       \@latex@warning{%
23659         Empty `thebibliography' environment or
23660         \string\BreakBibliography\MessageBreak

```



```

23661         before end of `thebibliography' environment}%
23662     }%
23663 \fi
23664 \endlist
23665 \if@bib@break@
23666 \else
23667     \bib@after@hook
23668     \let\bib@before@hook\@empty
23669     \let\bib@after@hook\@empty
23670 \fi
23671 \bib@endhook
23672 }
23673 \renewcommand*{\raggeddictum}{\if@RTL\raggedright\else\raggedleft\fi}
23674 \renewcommand*{\raggeddictumtext}{\if@RTL\raggedleft\else\raggedright\fi}
23675 \renewcommand*{\raggeddictumauthor}{\if@RTL\raggedright\else\raggedleft\fi}
23676 \renewcommand\marginline[1]{%
23677     \marginpar[\if@RTL\raggedright\else\raggedleft\fi{#1}]{\if@RTL\raggedleft\else\raggedright\fi{#1}}
23678 }
23679 \renewcommand{\@@makecaption}[3]{%
23680     \cap@margin
23681     \begingroup
23682         \ifonelinecaptions
23683             \def\stepcounter##1{\advance\value{##1}\@ne}%
23684             \let\refstepcounter\stepcounter
23685             \let\label\@gobble
23686             \let\@footnotetext=\@gobble
23687             \let\@LTRfootnotetext=\@gobble
23688             \let\@RTLfootnotetext=\@gobble
23689             \let\hypertarget\@gobbletwo
23690             \edef\@xnewline{%
23691                 \unexpanded{\ClassInfo{\KOMAClassName}}{%
23692                     Workaround for not recommended usage of \string\\ or\MessageBreak
23693                     \string\newline in caption text
23694                 }%
23695                 \hspace*{\linewidth}\hspace{1sp}%
23696             }%
23697             \unexpanded\expandafter{\@xnewline}%
23698         }%
23699         \edef\@xcentercr{%
23700             \unexpanded{\ClassInfo{\KOMAClassName}}{%
23701                 Workaround for not recommended usage of \string\\ or\MessageBreak
23702                 \string\newline in caption text
23703             }%
23704             \hspace*{\linewidth}\hspace{1sp}%
23705         }%
23706         \unexpanded\expandafter{\@xcentercr}%
23707     }%
23708     \settowidth{\@tempdima}{\scr@makesinglelinecaption{#1}{#2}{#3}}%
23709     \ifdim\@tempdima>\cap@width
23710         \aftergroup\scr@makemultilinecaption
23711     \else
23712         \aftergroup\scr@makesinglelinecaption
23713     \fi
23714 \else

```



```

23715     \aftergroup\scr@makemultilinecaption
23716     \fi
23717 \endgroup
23718 {#1}{#2}{#3}%
23719 }
23720 \renewcommand{\scr@makesinglelinecaption}[3]{%
23721   {%
23722     \usefontofkomafont{caption}{%
23723       \hb@xt@{\hsize{%
23724         \cap@left
23725         \if@RTL
23726         \beginR
23727         \fi
23728         \scr@makesinglelinecaption{#1}{#2}{#3}%
23729         \if@RTL
23730         \endR
23731         \fi
23732         \cap@right
23733       }\par\kern\dp\strutbox%
23734     }%
23735   }\kern-\dp\strutbox
23736 }
23737 \renewcommand{\@makecaption}[2]{%
23738   \if@captionabove
23739     \vskip\belowcaptionskip
23740   \else
23741     \vskip\abovecaptionskip
23742   \fi
23743   \@makecaption\@firstofone{#1}{#2}%
23744   \if@captionabove
23745     \vskip\abovecaptionskip
23746   \else
23747     \vskip\belowcaptionskip
23748   \fi
23749 }
23750
23751 \renewcommand{\scr@makesinglelinecaption}[3]{%
23752   {\usekomafont{caption}{\strut\ignorespaces
23753     #1{\usekomafont{captionlabel}{#2\captionformat}}}%
23754     \ignorespaces #3\unskip}}%
23755 }
23756
23757 \renewcommand{\scr@makemultilinecaption}[3]{%
23758   {%
23759     \usefontofkomafont{caption}{%
23760       \hb@xt@{\hsize{%
23761         \cap@left
23762         \vbox{\hsize\cap@width\linewidth\hsize
23763           \scr@ifundefinedorrelax{@capytype}{%
23764             \ClassWarning{\KOMAClassName}{%
23765               `string\caption' outside float.\MessageBreak
23766               Seems you are using `string\caption' outside a
23767               float.\MessageBreak
23768               Maybe you are using a package that uses

```



```

23769         \string\@makecaption'\MessageBreak
23770         without setting '\string\@capytype' before.\MessageBreak
23771         Because I cannot detect the caption type, I'm using\MessageBreak
23772         the empty one.
23773     }%
23774     \let\@capytype\@empty
23775 }{}%
23776 \scr@ifundefinedorrelax{ragged\@capytype caption}{\raggedcaption}{%
23777     \@nameuse{ragged\@capytype caption}%
23778 }%
23779 \ifdofullc@p
23780     \@hangfrom{%
23781         \strut
23782         \scr@smashdp{%
23783             #1{%
23784                 \usekomafont{caption}{%
23785                     \usekomafont{captionlabel}{#2\captionformat}%
23786                 }%
23787             }%
23788         }%
23789     }%
23790     {{\usekomafont{caption}{#3\scr@endstrut}}\par}%
23791 \else
23792     \ifdim\cap@indent<\z@
23793         \strut
23794         #1{%
23795             {\usekomafont{caption}{%
23796                 \usekomafont{captionlabel}{#2\captionformat}%
23797             }%
23798         }\par}%
23799         \noindent{{\usekomafont{caption}{%
23800             \hspace*{-\cap@indent}#3\scr@endstrut
23801         }}\par}%
23802 \else
23803     \if@capbreak
23804         \strut
23805         #1{%
23806             {\usekomafont{caption}{%
23807                 \usekomafont{captionlabel}{#2\captionformat}%
23808             }%
23809         }\par}%
23810         \noindent\@hangfrom{\hspace*{\cap@indent}}%
23811         {{\usekomafont{caption}{#3\scr@endstrut}}\par}%
23812     \else
23813         \@hangfrom{\scr@smashdp\strut\hspace*{\cap@indent}}%
23814         {%
23815             \hspace{-\cap@indent}%
23816             \scr@smashdp{%
23817                 #1{\usekomafont{caption}{%
23818                     \usekomafont{captionlabel}{#2\captionformat}%
23819                 }%
23820             }%
23821         }%
23822         {{\usekomafont{caption}{#3\scr@endstrut}}\par}%

```



```

23823         }%
23824         \fi
23825         \fi
23826         \fi
23827     }%
23828     \cap@right
23829 } \par \kern \dp \strutbox
23830 }%
23831 } \kern - \dp \strutbox
23832 }
23833
23834
23835 \bidi@AfterFile{longtable-xetex-bidi.def}{%
23836   \if@komalongtable
23837     \renewcommand{\LT@makecaption}[3]{%
23838       \noalign{%
23839         \if@captionabove
23840           \vskip\belowcaptionskip
23841         \else
23842           \vskip\abovecaptionskip
23843         \fi
23844       }%
23845       \LT@mc \LT@cols c{%
23846         \hbox to \z@ {\hss \parbox[t]{\linewidth}{%
23847           \def\@capytype{table}%
23848           \@@makecaption{#1}{#2}{#3}%
23849           \endgraf
23850           \if@captionabove
23851             \vskip\abovecaptionskip
23852           \else
23853             \vskip\belowcaptionskip
23854           \fi
23855         }%
23856         \hss
23857       }%
23858     }%
23859   }%
23860   \renewcommand*{\scr@LT@array}{}%
23861   \let\scr@LT@array=\LT@array
23862   \renewcommand*{\LT@array}{%
23863     \let\scr@caption=\LT@caption
23864     \def\captionabove{\noalign{\global\@captionabovetrue}%
23865       \scr@caption}%
23866     \def\captionbelow{\noalign{\global\@captionabovetrue}%
23867       \scr@caption}%
23868     \if@tablecaptionabove
23869       \let\LT@caption=\captionabove
23870     \else
23871       \let\LT@caption=\captionbelow
23872     \fi
23873     \scr@LT@array
23874   }%
23875   \ClassInfo{\KOMAClassName}{%
23876     longtable captions redefined%

```



```

23877 }%
23878 \fi
23879 }
23880
23881 \CloneTOCEntryStyle{tocline}{part}
23882 \TOCEntryStyleStartInitCode{part}{%
23883   \expandafter\renewcommand%
23884   \csname scr@tso@#1@linefill\endcsname{\hfill}%
23885   \expandafter\renewcommand%
23886   \csname scr@tso@#1@entryformat\endcsname[1]{\usekomafont{partentry}{##1}}%
23887   \expandafter\renewcommand%
23888   \csname scr@tso@#1@pagenumberformat\endcsname[1]{%
23889     {\usekomafont{partentry}{\usekomafont{partentrypagenumber}{##1}}}}%
23890   \expandafter\renewcommand\expandafter*%
23891   \csname scr@tso@#1@beforeskip\endcsname{2.25em \@plus\p}%
23892 }
23893
23894 \CloneTOCEntryStyle{tocline}{chapter}
23895 \TOCEntryStyleStartInitCode{chapter}{%
23896   \expandafter\renewcommand%
23897   \csname scr@tso@#1@linefill\endcsname{%
23898     \if@chapterentrywithdots
23899       {\usekomafont{chapterentrydots}{\TOCLineLeaderFill}}\relax
23900     \else
23901       \hfill
23902     \fi
23903   }%
23904   \expandafter\renewcommand%
23905   \csname scr@tso@#1@entryformat\endcsname{\usekomafont{chapterentry}}%
23906   \expandafter\renewcommand%
23907   \csname scr@tso@#1@pagenumberformat\endcsname[1]{%
23908     {\usekomafont{chapterentry}{\usekomafont{chapterentrypagenumber}{##1}}}}%
23909   \expandafter\renewcommand\expandafter*%
23910   \csname scr@tso@#1@beforeskip\endcsname{1.0em \@plus\p}%
23911 }
23912
23913 \CloneTOCEntryStyle{tocline}{section}
23914 \TOCEntryStyleStartInitCode{section}{%
23915   \expandafter\renewcommand%
23916   \csname scr@tso@#1@linefill\endcsname{\TOCLineLeaderFill\relax}%
23917   \expandafter\renewcommand%
23918   \csname scr@tso@#1@pagenumberformat\endcsname[1]{%
23919     {\normalfont\normalcolor ##1}}%
23920 }
23921
23922 \CloneTOCEntryStyle{section}{default}
23923
23924 \DeclareSectionCommand[%
23925   style=chapter,%
23926   level=\z@,%
23927   pagestyle=plain,%
23928   tocstyle=chapter,%
23929   tocindent=\z@,%
23930   tocnumwidth=1.5em%

```



```

23931 ]{chapter}
23932 \DeclareSectionCommand[%
23933   style=section,%
23934   level=1,%
23935   indent=\z@,%
23936   beforeskip=-3.5ex \@plus -1ex \@minus -.2ex,%
23937   afterskip=2.3ex \@plus .2ex,%
23938   tocstyle=section,%
23939   tocindentfollows=chapter,%
23940   tocindent=1.5em,%
23941   tocnumwidth=2.3em%
23942 ]{section}
23943 \DeclareSectionCommand[%
23944   style=part,%
23945   level=\m@ne,%
23946   pagestyle=plain,%
23947   tocstyle=part,%
23948   toplevel=\m@ne,%
23949   tocindent=\z@,%
23950   tocnumwidth=2em%
23951 ]{part}
23952 \DeclareSectionCommand[%
23953   style=section,%
23954   level=2,%
23955   indent=\z@,%
23956   beforeskip=-3.25ex \@plus -1ex \@minus -.2ex,%
23957   afterskip=1.5ex \@plus .2ex,%
23958   tocstyle=section,%
23959   tocindent=3.8em,%
23960   tocnumwidth=3.2em%
23961 ]{subsection}
23962 \DeclareSectionCommand[%
23963   style=section,%
23964   level=3,%
23965   indent=\z@,%
23966   beforeskip=-3.25ex \@plus -1ex \@minus -.2ex,%
23967   afterskip=1.5ex \@plus .2ex,%
23968   tocstyle=section,%
23969   tocindent=7.0em,%
23970   tocnumwidth=4.1em%
23971 ]{subsubsection}
23972 \DeclareSectionCommand[%
23973   style=section,%
23974   level=4,%
23975   indent=\z@,%
23976   beforeskip=3.25ex \@plus 1ex \@minus .2ex,%
23977   afterskip=-1em,%
23978   tocindentfollows=subsubsection,%
23979   tocstyle=section,%
23980   tocindent=10em,%
23981   tocnumwidth=5em%
23982 ]{paragraph}
23983 \DeclareSectionCommand[%
23984   style=section,%

```



```

23985 level=5,%
23986 indent=\scr@parindent,%
23987 beforeskip=3.25ex \@plus1ex \@minus .2ex,%
23988 afterskip=-1em,%
23989 tocstyle=section,%
23990 tocindent=12em,%
23991 tocnumwidth=6em%
23992 ]{subparagraph}

```

## 144 File sidecap-xetex-bidi.def

```

23993 \ProvidesFile{sidecap-xetex-bidi.def}[2010/08/01 v0.1 bidi adaptations for sidecap package f
23994 \renewcommand*{\SC@FLOAT}[2]{\if@RTL%
23995   \isSC@ODD{#1}\hspace{\sidecaptionsep}{#2} \if@RTL%
23996   \isSC@ODD{#2}\hspace{\sidecaptionsep}{#1} \if@RTL%
23997   \renewcommand*{\SC@justify@caption}{\if@RTL%
23998   \isSC@ODD{\RaggedLeft}{\RaggedRight}\else%
23999   \isSC@ODD{\RaggedRight}{\RaggedLeft}\fi}

```

## 145 File soul-xetex-bidi.def

```

24000 \ProvidesFile{soul-xetex-bidi.def}[2015/10/16 v0.1 bidi adaptations for soul package for XeT
24001 \long\def\SOUL@start#1{%
24002   \let\bid@RTL@everypar@empty
24003   \let\<\SOUL@lowerthan
24004   \let\>\empty
24005   \def\soulomit{\noexpand\soulomit}%
24006   \gdef\SOUL@eventuallyexhyphen##1{%
24007     \let\SOUL@soeventuallyskip\relax
24008     \SOUL@spaceskip=\fontdimen\tw@\font\@plus\fontdimen\thr@@\font
24009       \@minus\fontdimen4\font
24010     \SOUL@ignorespacesfalse
24011     \leavevmode
24012     \SOUL@preamble
24013     \SOUL@lasttoken={}%
24014     \SOUL@word={}%
24015     \SOUL@minus\z@
24016     \SOUL@comma\z@
24017     \SOUL@apo\z@
24018     \SOUL@grave\z@
24019     \SOUL@do{#1}%
24020     \SOUL@postamble
24021 }}
24022 \def\SOUL@ulunderline#1{%
24023   \setbox\z@\hbox{#1}%
24024   \dimen@=\wd\z@
24025   \dimen@i=\SOUL@uloverlap
24026   \advance\dimen@2\dimen@i
24027   \if@RTL
24028     \unhcopy\z@
24029     \llap{%
24030       \null
24031       \kern-\dimen@i
24032       \SOUL@ulcolor{\SOUL@ulleaders\hskip\dimen@}%

```



```

24033 }%
24034 \else
24035 \rlap{%
24036     \null
24037     \kern-\dimen@i
24038     \SOUL@ulcolor{\SOUL@ulleaders\hskip\dimen@}%
24039 }%
24040 \unhcopy\z@
24041 \fi
24042 }}
24043 \def\bidi@SOUL@ulleaders{%
24044     \leaders\hb@xt@0.1pt{\hss\SOUL@ulcolor{\vrule\@depth\SOUL@uldp\@height\SOUL@ulht}\hss}\r
24045 }
24046 \def\SOUL@uleveryspace#1{%
24047     \if@RTL
24048     #1%
24049     \bidi@SOUL@ulleaders
24050     \hskip\spaceskip
24051     \else
24052     \SOUL@ulcolor{%
24053     #1%
24054     \SOUL@ulleaders
24055     \hskip\spaceskip
24056     }%
24057     \fi
24058     \null
24059 }

```

## 146 File stabular-xetex-bidi.def

```

24060 \ProvidesFile{stabular-xetex-bidi.def}[2015/11/07 v0.3 bidi adaptations for stabular package]
24061 \def\@stabular{%
24062     \leavevmode \bgroup \if@RTLtab\beginR \fi
24063     \let\@acol\@tabacol
24064     \let\@classz\@tabclassz
24065     \let\@classiv\@tabclassiv \let\\\@tabularcr\@stabarray}
24066 \def\endstabular{\crr\egroup\if@RTLtab\egroup\endR\egroup\fi
24067     \egroup \if@RTLtab\endR\fi\egroup}
24068 \expandafter \let \csname endstabular*\endcsname = \endstabular
24069 \def\@sarray[#1]#2{%
24070     \bgroup
24071     \setbox\@arstrutbox\hbox{%
24072         \vrule \@height\arraystretch\ht\strutbox
24073         \@depth\arraystretch \dp\strutbox
24074         \@width\z@}%
24075     \mkpream{#2}%
24076     \edef\@preamble{%
24077         \ialign \noexpand\@halignto
24078             \bgroup \@arstrut \@preamble \tabskip\z@skip \cr}%
24079     \let\@startpbox\@@startpbox \let\@endpbox\@@endpbox
24080     \let\@tabularnewline\\
24081     \let\@sharp##%
24082     \set@typeset@protect
24083     \lineskip\z@skip\baselineskip\z@skip

```



```

24084 \if@RTLtab\hbox\bgroup\beginR\@hboxRconstructtrue\if #1t\vtop \else \vbox \fi\bgroup\fi
24085 \@preamble}

```

## 147 File subfigure-xetex-bidi.def

```

24086 \ProvidesFile{subfigure-xetex-bidi.def}[2010/03/01 v0.1 bidi adaptations for subfigure packa
24087 \AtBeginDocument{%
24088 \let\p@subfigure=\thefigure
24089 \let\p@subtable=\thetable%
24090 }

```

## 148 File tabs-xetex-bidi.def

```

24091 \ProvidesFile{tabs-xetex-bidi.def}[2015/11/07 v0.3 bidi adaptations for tabs package for X
24092 \def\endtabular{\endarray $\if@RTLtab\endR\fi\egroup}
24093
24094 \expandafter\let\csname endtabular*\endcsname=\endtabular
24095
24096 \def\endarray{\ifvmode\csname crcr\endcsname % just do \crr if \ given
24097 \else \[\z@ \global\advance\@arstdepth-\@otarlinesep]%
24098 \fi\egroup\if@RTLtab\egroup\endR\egroup\fi\@unrecurse\egroup}
24099
24100 \def\@array[#1]#2{% remember global variables to allow recursion:
24101 \edef\@unrecurse{\global\@skip@bove\the\@skip@bove
24102 \global\@arstheight\the\@arstheight\global\@arstdepth\the\@arstdepth}%
24103 \let\@otarlinesep\@tarlinesep \global\@skip@bove-\@otarlinesep
24104 \ifx\@classz\@arrayclassz \let\@tarlinesep\arraylinesep
24105 \else \let\@tarlinesep\tablinesep \fi
24106 \divide\@tarlinesep\tw@ % half sep is applied to height & depth
24107 \let\@seesize\relax \let\@rememsize\relax \mkpream{#2}%
24108 \@tempdima\arraystretch\ht\strutbox \@tempdimb\arraystretch\dp\strutbox
24109 \ifdim\@tarlinesep>\z@ % (need \protect for \multicolumn)
24110 \def\@rememsize{\protect\@r@m@msize}\let\@seesize\@s@size
24111 \advance\@tempdima-\@tarlinesep \advance\@tempdimb-\@tarlinesep
24112 \fi \setbox\@arstrutbox\hbox{% set up smaller strut
24113 \vrule \@height\@tempdima \@depth\@tempdimb \@width\z@}%
24114 \let\protect\noexpand
24115 \edef\@preamble{\ialign \noexpand\@halignto \bgroup
24116 \unhcopy\@arstrutbox \@preamble \tabskip\z@skip &\@sharp \cr}%
24117 \let\@startpbox\@startpbox \let\@endpbox\@endpbox
24118 \if#1t\vtop \else \if#1b\vbox \else \vcenter \fi\fi
24119 \bgroup \let\par\@empty
24120 \global\@arstheight\ht\@arstrutbox \global\@arstdepth\dp\@arstrutbox
24121 \advance\extrarulesep.5\arrayrulewidth
24122 \let\@sharp#\let\protect\relax \lineskip\z@skip \baselineskip\z@skip
24123 \if@RTLtab\hbox\bgroup\beginR\@hboxRconstructtrue\if#1t\vtop \else \vbox \fi\bgroup\fi
24124 \@preamble}

```

## 149 File tabularx-xetex-bidi.def

```

24125 \ProvidesFile{tabularx-xetex-bidi.def}[2014/11/08 v0.1 bidi adaptations for tabularx package
24126 \def\TX@endtabularx{%
24127 \expandafter\expandafter\expandafter
24128 \TX@find@endtabularxa\csname end\TX@\endcsname

```



```

24129 \endtabularx\TX@\endtabularx\TX@find@endtabularxa
24130 \expandafter\TX@newcol\expandafter{\tabularxcolumn{\TX@col@width}}}%
24131 \let\verb\TX@verb
24132 \def\@elt##1{\global\value{##1}\the\value{##1}\relax}%
24133 \edef\TX@ckpt{\cl@ckpt}%
24134 \let\@elt\relax
24135 \TX@old@table\maxdimen
24136 \TX@col@width\TX@target
24137 \global\TX@cols\@ne
24138 \TX@typeout@
24139 {\@spaces Table Width\@spaces Column Width\@spaces X Columns}%
24140 \TX@trial{\def\NC@rewriteX{%
24141 \global\advance\TX@cols\@ne\NC@find p{\TX@col@width}}}%
24142 \loop
24143 \TX@arith
24144 \ifTX@
24145 \TX@trial{%
24146 \repeat
24147 {\let\@footnotetext\TX@fnttext\let\@xfootnotenext\TX@xftntext
24148 \let\@LTRfootnotetext\TX@LTRfnttext\let\@xLTRfootnotenext\TX@xLTRfnttext
24149 \let\@RTLfootnotetext\TX@RTLfnttext\let\@xRTLfootnotenext\TX@xRTLfnttext
24150 \csname tabular*\expandafter\endcsname\expandafter\TX@target
24151 \the\toks@
24152 \csname endtabular*\endcsname}%
24153 \global\TX@ftn\expandafter{\expandafter}\the\TX@ftn
24154 \ifnum0={\fi}%
24155 \expandafter\expandafter\expandafter
24156 \TX@find@endtabularxbb
24157 \expandafter\end\expandafter{\TX@}%
24158 \endtabularx\TX@\endtabularx\TX@find@endtabularxb
24159 }
24160
24161 \def\TX@trial#1{%
24162 \setbox\@tempboxa\hbox{%
24163 #1\relax
24164 \let\@footnotetext\TX@trial@ftn
24165 \let\@LTRfootnotetext\TX@trial@ftn
24166 \let\@RTLfootnotetext\TX@trial@ftn
24167 \let\TX@vwarn\@empty
24168 \expandafter\let\expandafter\tabularx\csname tabular*\endcsname
24169 \expandafter\let\expandafter\endtabularx\csname endtabular*\endcsname
24170 \def\write{\begingroup
24171 \def\let{\afterassignment\endgroup\toks@}%
24172 \afterassignment\let\count@}%
24173 \hbadness\@M
24174 \hfuzz\maxdimen
24175 \let\hbadness\@tempcnta
24176 \let\hfuzz\@tempdima
24177 \expandafter\tabular\the\toks@
24178 \endtabular}%
24179 \TX@ckpt
24180 \TX@typeout@{\@spaces
24181 \expandafter\TX@align
24182 \the\wd\@tempboxa\space\space\space\space\space\@@

```



```

24183 \expandafter\TX@align
24184 \the\TX@col@width\space\space\space\space\space\@@
24185 \@spaces\the\TX@cols}}
24186
24187 \long\def\TX@LTrftntext#1{%
24188 \edef\@tempa{\the\TX@ftn\noexpand\LTrfootnotetext
24189 [\the\csname c@\mpfn\endcsname]}%
24190 \global\TX@ftn\expandafter{\@tempa{#1}}}%
24191 \long\def\TX@xLTrftntext[#1]#2{%
24192 \global\TX@ftn\expandafter{\the\TX@ftn\LTrfootnotetext[#1]{#2}}}
24193
24194 \long\def\TX@RTLftntext#1{%
24195 \edef\@tempa{\the\TX@ftn\noexpand\RTLfootnotetext
24196 [\the\csname c@\mpfn\endcsname]}%
24197 \global\TX@ftn\expandafter{\@tempa{#1}}}%
24198 \long\def\TX@xRTLftntext[#1]#2{%
24199 \global\TX@ftn\expandafter{\the\TX@ftn\RTLfootnotetext[#1]{#2}}}

```

150 File tabulary-xetex-bidi.def

```

24200 \ProvidesFile{tabulary-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for tabulary package]
24201 \def\@testpach{\@chclass
24202   \ifnum \@lastchclass=6 \one \@chnum \one \else
24203     \ifnum \@lastchclass=7 5 \else
24204       \ifnum \@lastchclass=8 \tw@ \else
24205         \ifnum \@lastchclass=9 \thr@@
24206           \else \z@
24207             \ifnum \@lastchclass = 10 \else
24208               \edef\@nextchar{\expandafter\string\@nextchar}%
24209               \@chnum
24210               \if \@nextchar c\z@ \else
24211                 \if \@nextchar \if@RTLtab r\else l\fi\@one \else
24212                   \if \@nextchar \if@RTLtab l\else r\fi\tw@ \else
24213                     \if \@nextchar C7 \else
24214                       \if \@nextchar L8 \else
24215                         \if \@nextchar R9 \else
24216                           \if \@nextchar J10 \else
24217                             \z@ \@chclass
24218                             \if \@nextchar |\@one \else
24219                               \if \@nextchar !6 \else
24220                                 \if \@nextchar @7 \else
24221                                   \if \@nextchar <8 \else
24222                                     \if \@nextchar >9 \else
24223                                       10
24224                                       \@chnum
24225                                       \if \@nextchar m\thr@@\else
24226                                         \if \@nextchar p4 \else
24227                                           \if \@nextchar b5 \else
24228                                             \z@ \@chclass \z@ \@preamerr \z@ \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi
24229                                             \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi}

```

151 File tc-xetex-bidi.def

24230 \ProvidesFile{tc-xetex-bidi.def}[2014/07/08 v0.1 bidi adaptations for Clipping driver for Xe



```

24231 \def\@cliptoboxdim#1{%
24232     \setbox#1=\hbox{%
24233         \Gin@defaultbp\WIDTH{\wd#1}%
24234         \Gin@defaultbp\DEPTH{\dp#1}%
24235         \@tempdima\ht#1%
24236         \advance\@tempdima\dp#1%
24237         \Gin@defaultbp\TOTALHEIGHT{\@tempdima}%
24238         \beginL\special{pdf:bcontent }%
24239         \special{%
24240             pdf:literal direct
24241             0 -\DEPTH\space \WIDTH\space \TOTALHEIGHT\space re
24242         }%
24243         \special{pdf:literal direct W }%
24244         \special{pdf:literal direct n }%
24245         \if@RTL\beginR\fi\box#1\if@RTL\endR\fi%
24246         \special{pdf:econtent }\endL%
24247     }%
24248 }

```

## 152 File tcolorbox-xetex-bidi.def

```

24249 \ProvidesFile{tcolorbox-xetex-bidi.def}[2018/11/11 v0.2 bidi adaptations for tcolorbox packa
24250 \let\endtcblrbox=\endminipage
24251 \let\endtcbsavebox=\endtcblrbox
24252
24253 \bidi@patchcmd{\tcb@vbox}{%
24254     \let\@footnotetext\@mpfootnotetext%
24255 }{%
24256     \let\@footnotetext\@mpfootnotetext%
24257     \let\@LTRfootnotetext\@mpLTRfootnotetext%
24258     \let\@RTLfootnotetext\@mpRTLfootnotetext%
24259 }{}{}
24260
24261 \bidi@patchcmd{\endtcblvbox}{%
24262     \footnoterule%
24263 }{%
24264     \bidi@mpfootnoterule%
24265 }{}{}
24266 \bidi@apptocmd\tcb@icolorbox{%
24267     \@bidi@list@minipage@parboxfalse
24268 }{}{}

```

## 153 File titlesec-xetex-bidi.def

```

24269 \ProvidesFile{titlesec-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for titlesec package
24270 \renewcommand\filright{%
24271     \gdef\ttl@filleft##1{\hskip##1}%
24272     \gdef\ttl@filright##1{\hfill}%
24273     \let\\\@centercr
24274     \advance\rightskip\z@ \@plus 1fil
24275     \parfillskip\z@}
24276 \def\ttlhang#1#2#3#4#5#6#7#8{%
24277     \gdef\ttl@makeline##1{\ttl@calc\hspace{#6}##1\ttl@calc\hspace{#7}}%
24278     \setlength\leftskip{#8}%

```



```

24279 \setlength\rightskip{#7}%
24280 \interlinepenalty\@M
24281 \ttl@changecentercr
24282 \ttl@beginlongest
24283 #1{\ifhmode\ttl@hmode@error\fi
24284 \ttl@glcmds
24285 \parindent\z@
24286 \leavevmode
24287 \begingroup
24288 \ifttl@label
24289 \sbox\z@{#2\strut\ttl@calc\hspace{#3}}%
24290 \if@RTL\advance\rightskip\wd\z@\else\advance\leftskip\wd\z@\fi
24291 \llap{\box\z@}%
24292 \fi
24293 #4{#8}%
24294 \kern\z@\strut\@@par
24295 \endgroup
24296 \nobreak\ttl@midlongest#5\@@par}%
24297 \ttl@endlongest}

```

## 154 File titletoc-xetex-bidi.def

```

24298 \ProvidesFile{titletoc-xetex-bidi.def}[2013/04/10 v0.2 bidi adaptations for titletoc package]
24299 \renewcommand\filright{%
24300 \gdef\ttl@filleft##1{\hskip##1}%
24301 \gdef\ttl@filright##1{\hfill}%
24302 \let\\\@centercr
24303 \advance\rightskip\z@ \@plus 1fil
24304 \parfillskip\z@}
24305 \renewcommand\contentspush[1]{%
24306 \sbox\z@{#1}%
24307 \xdef\ttl@b{\advance\if@RTL\rightskip\else\leftskip\fi\the\wd\z@}%
24308 \aftergroup\ttl@b
24309 \leavevmode\llap{\box\z@}}
24310 \def\ttl@outnoblock#1#2#3{%
24311 \begingroup
24312 \ifnum\ttl@b>\ttl@a
24313 \nobreak
24314 \else\ifnum\ttl@b<\ttl@a
24315 \addpenalty{\@secpenalty}%
24316 \else
24317 \addpenalty{\z@}%
24318 \fi\fi
24319 \ttl@contentsstretch
24320 \nobreak
24321 \ifcase#1\relax\else\interlinepenalty\@M\fi
24322 \parindent\z@
24323 \ifx\@nil#2%
24324 \PackageError{titletoc}{Unimplemented}%
24325 {The optional argument is currently mandatory}%
24326 \else
24327 \if@RTL\setlength\rightskip{#2}\else
24328 \setlength\leftskip{#2}\fi%
24329 \fi

```



```

24330 \if@RTL\setlength\leftskip{\@pnumwidth}\else\setlength\rightskip{\@pnumwidth}\fi%
24331 \let\contentsmargin\ttl@margin
24332 \def\ttl@makeline##1{##1}%
24333 #3%
24334 \addtolength{\parfillskip}{-ttl@corr}%
24335 \if@RTL\addtolength{\leftskip}{\ttl@corr}\else\addtolength{\rightskip}{\ttl@corr}\fi%
24336 \let\ttl@leaders\leaders}
24337 \renewcommand\ttl@margin[2][\z@]{%
24338 \def\ttl@corr{#1}%
24339 \advance\if@RTL\leftskip\else\rightskip\fi-\@pnumwidth\relax
24340 \advance\if@RTL\leftskip\else\rightskip\fi#2\relax
24341 \def\@pnumwidth{#2}}
24342 \let\ttl@savel@part\l@part
24343 \def\l@part{\ttl@lselect{part}}
24344
24345 \let\ttl@savel@chapter\l@chapter
24346 \def\l@chapter{\ttl@lselect{chapter}}

```

## 155 File tocbibind-xetex-bidi.def

```

24347 \ProvidesFile{tocbibind-xetex-bidi.def}[2017/06/09 v0.4 bidi adaptations for tocbibind packa
24348 \if@dotocbib
24349 \ifpackageloaded{natbib}{\% natbib not loaded
24350 \renewcommand{\bibsection}{\tcb@bchapsec}
24351 \renewenvironment{thebibliography}[1]{%
24352 \bibsection
24353 \begin{thebibitemlist}{#1}}{\end{thebibitemlist}}}
24354 \renewenvironment{thebibitemlist}[1]{
24355 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
24356 \bidi@thebibliography@font@hook%
24357 \list{\@biblabel{\@arabic{c@enumiv}}}%
24358 {\settowidth\labelwidth{\@biblabel{#1}}%
24359 \leftmargin\labelwidth
24360 \advance\leftmargin\labelsep
24361 \@openbib@code
24362 \usecounter{enumiv}%
24363 \let\p@enumiv\@empty
24364 \renewcommand\theenumiv{\@arabic{c@enumiv}}}%
24365 \sloppy
24366 \clubpenalty4000
24367 \@clubpenalty \clubpenalty
24368 \widowpenalty4000%
24369 \sfcode\.\@m}
24370 {\def\@noitemerr
24371 {\@latex@warning{Empty `thebibliography' environment}}}%
24372 \endlist}
24373
24374 \ifpackagewith{chapterbib}{sectionbib}%
24375 {\renewcommand{\sectionbib}[2]{}}%
24376 {}
24377
24378 \fi
24379 \if@inltxdoc\else
24380 \renewenvironment{theindex}%

```



```

24381 { \if@twocolumn
24382   \@restonecolfalse
24383   \else
24384     \@restonecoltrue
24385   \fi
24386   \if@bibchapter
24387     \if@donumindex
24388       \refstepcounter{chapter}
24389       \twocolumn[\vspace*{2\topskip}%
24390         \@makechapterhead{\indexname}}%
24391       \addcontentsline{toc}{chapter}{\protect\numberline{\thechapter}\indexname}
24392       \chaptermark{\indexname}
24393     \else
24394       \if@dotocind
24395         \twocolumn[\vspace*{2\topskip}%
24396           \@makeschapterhead{\indexname}}%
24397         \prw@mkboth{\indexname}
24398         \addcontentsline{toc}{chapter}{\indexname}
24399       \else
24400         \twocolumn[\vspace*{2\topskip}%
24401           \@makeschapterhead{\indexname}}%
24402         \prw@mkboth{\indexname}
24403       \fi
24404     \fi
24405   \else
24406     \if@donumindex
24407       \twocolumn[\vspace*{-1.5\topskip}%
24408         \@nameuse{\@tocextra}{\indexname}}%
24409       \csname \@tocextra mark\endcsname{\indexname}
24410     \else
24411       \if@dotocind
24412         \twocolumn[\vspace*{-1.5\topskip}%
24413           \toc@headstar{\@tocextra}{\indexname}}%
24414         \prw@mkboth{\indexname}
24415         \addcontentsline{toc}{\@tocextra}{\indexname}
24416       \else
24417         \twocolumn[\vspace*{-1.5\topskip}%
24418           \toc@headstar{\@tocextra}{\indexname}}%
24419         \prw@mkboth{\indexname}
24420       \fi
24421     \fi
24422   \fi
24423   \thispagestyle{plain}\parindent\z@
24424   \parskip\z@ \@plus .3\p@\relax
24425   \let\item\@idxitem}
24426 { \if@restonecol\onecolumn\else\clearpage\fi}
24427 \fi

```

## 156 File tocloft-xetex-bidi.def

```

24428 \ProvidesFile{tocloft-xetex-bidi.def}[2010/07/25 v0.2 bidi adaptations for tocloft package f
24429 \let\cftdot\@SepMark
24430 \if@cfthaspart
24431 \renewcommand*{\l@part}[2]{

```



```

24432 \@cftdopartfalse
24433 \ifnum \c@tocdepth >-2\relax
24434   \if@cfthaschapter
24435     \@cftdoparttrue
24436   \fi
24437   \ifnum \c@tocdepth >\m@ne
24438     \if@cfthaschapter\else
24439       \@cftdoparttrue
24440     \fi
24441   \fi
24442 \fi
24443 \if@cftdopart
24444   \if@cfthaschapter
24445     \addpenalty{-\@highpenalty}
24446   \else
24447     \addpenalty\@secpenalty
24448   \fi
24449   \addvspace{\cftbeforepartskip}
24450   \begingroup
24451     {\if@RTL\rightskip\else\leftskip\fi \cftpartindent\relax
24452     \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
24453     \parfillskip -\if@RTL\leftskip\else\rightskip\fi
24454     \parindent \cftpartindent\relax\@afterindenttrue
24455     \interlinepenalty\@M
24456     \leavevmode
24457     \@tempdima \cftpartnumwidth\relax
24458     \let\@cftbsnum \cftpartpresnum
24459     \let\@cftasnum \cftpartaftersnum
24460     \let\@cftasnumb \cftpartaftersnumb
24461     \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\ri
24462     {\cftpartfont \cftpartpresnum #1}
24463     \cftpartfillnum{#2}}
24464   \nobreak
24465   \if@cfthaschapter
24466     \global\@nobreaktrue
24467     \everypar{\global\@nobreakfalse\everypar{}}
24468   \else
24469     \if@compatibility
24470       \global\@nobreaktrue
24471       \everypar{\global\@nobreakfalse\everypar{}}
24472     \fi
24473   \fi
24474   \endgroup
24475 \fi}
24476 \fi
24477 \if@cfthaschapter
24478 \renewcommand*{\l@chapter}[2]{
24479   \ifnum \c@tocdepth >\m@ne
24480     \addpenalty{-\@highpenalty}
24481     \vskip \cftbeforechapskip
24482     {\if@RTL\rightskip\else\leftskip\fi \cftchapindent\relax
24483     \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
24484     \parfillskip -\if@RTL\leftskip\else\rightskip\fi
24485     \parindent \cftchapindent\relax\@afterindenttrue

```



```

24486 \interlinepenalty\@M
24487 \leavevmode
24488 \@tempdima \cftchapnumwidth\relax
24489 \let\@cftbsnum \cftchappresnum
24490 \let\@cftasnum \cftchapaftersnum
24491 \let\@cftasnumb \cftchapaftersnumb
24492 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\right
24493 {\cftchapfont #1}\nobreak
24494 \cftchapfillnum{#2}}
24495 \fi}
24496 \fi
24497 \renewcommand*{\l@section}[2]{%
24498 \ifnum \c@tocdepth >\z@
24499 \if@cfthaschapter
24500 \vskip \cftbeforesecskip
24501 \else
24502 \addpenalty\@secpenalty
24503 \addvspace{\cftbeforesecskip}
24504 \fi
24505 {\if@RTL\rightskip\else\leftskip\fi \cftsecindent\relax
24506 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
24507 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
24508 \parindent \cftsecindent\relax\@afterindenttrue
24509 \interlinepenalty\@M
24510 \leavevmode
24511 \@tempdima \cftsecnumwidth\relax
24512 \let\@cftbsnum \cftsecpresnum
24513 \let\@cftasnum \cftsecaftersnum
24514 \let\@cftasnumb \cftsecaftersnumb
24515 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\right
24516 {\cftsecfont #1}\nobreak
24517 \cftsecfillnum{#2}}
24518 \fi}
24519 \renewcommand*{\l@subsection}[2]{%
24520 \ifnum \c@tocdepth >\@one
24521 \vskip \cftbeforesubsecskip
24522 {\if@RTL\rightskip\else\leftskip\fi \cftsubsecindent\relax
24523 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
24524 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
24525 \parindent \cftsubsecindent\relax\@afterindenttrue
24526 \interlinepenalty\@M
24527 \leavevmode
24528 \@tempdima \cftsubsecnumwidth\relax
24529 \let\@cftbsnum \cftsubsecpresnum
24530 \let\@cftasnum \cftsubsecaftersnum
24531 \let\@cftasnumb \cftsubsecaftersnumb
24532 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\right
24533 {\cftsubsecfont #1}\nobreak
24534 \cftsubsecfillnum{#2}}
24535 \fi}
24536 \renewcommand*{\l@subsubsection}[2]{%
24537 \ifnum \c@tocdepth >\tw@
24538 \vskip \cftbeforesubsubsecskip
24539 {\if@RTL\rightskip\else\leftskip\fi \cftsubsubsecindent\relax

```



```

24540 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
24541 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
24542 \parindent \cftsubsubsecindent\relax\@afterindenttrue
24543 \interlinepenalty\@M
24544 \leavevmode
24545 \@tempdima \cftsubsubsecnumwidth\relax
24546 \let\@cftbsnum \cftsubsubsecpresnum
24547 \let\@cftasnum \cftsubsubsecaftersnum
24548 \let\@cftasnumb \cftsubsubsecaftersnumb
24549 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\right
24550 {\cftsubsubsecfont #1}\nobreak
24551 \cftsubsubsecfillnum{#2}}
24552 \fi}
24553 \renewcommand*{\l@paragraph}[2]{%
24554 \ifnum \c@tocdepth >3\relax
24555 \vskip \cftbeforeparaskip
24556 {\if@RTL\rightskip\else\leftskip\fi \cftparaindent\relax
24557 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
24558 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
24559 \parindent \cftparaindent\relax\@afterindenttrue
24560 \interlinepenalty\@M
24561 \leavevmode
24562 \@tempdima \cftparanumwidth\relax
24563 \let\@cftbsnum \cftparapresnum
24564 \let\@cftasnum \cftparaaftersnum
24565 \let\@cftasnumb \cftparaaftersnumb
24566 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\right
24567 {\cftparafont #1}\nobreak
24568 \cftparafillnum{#2}}
24569 \fi}
24570 \renewcommand*{\l@subparagraph}[2]{%
24571 \ifnum \c@tocdepth >4\relax
24572 \vskip \cftbeforesubparaskip
24573 {\if@RTL\rightskip\else\leftskip\fi \cftsubparaindent\relax
24574 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
24575 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
24576 \parindent \cftsubparaindent\relax\@afterindenttrue
24577 \interlinepenalty\@M
24578 \leavevmode
24579 \@tempdima \cftsubparanumwidth\relax
24580 \let\@cftbsnum \cftsubparapresnum
24581 \let\@cftasnum \cftsubparaaftersnum
24582 \let\@cftasnumb \cftsubparaaftersnumb
24583 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\right
24584 {\cftsubparafont #1}\nobreak
24585 \cftsubparafillnum{#2}}
24586 \fi}
24587 \renewcommand*{\l@figure}[2]{%
24588 \ifnum \c@lofdepth >\z@
24589 \vskip \cftbeforefigskip
24590 {\if@RTL\rightskip\else\leftskip\fi \cftfigindent\relax
24591 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
24592 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
24593 \parindent \cftfigindent\relax\@afterindenttrue

```



```

24594 \interlinepenalty\@M
24595 \leavevmode
24596 \@tempdima \cftfignumwidth\relax
24597 \let\@cftbsnum \cftfigpresnum
24598 \let\@cftasnum \cftfigaftersnum
24599 \let\@cftasnumb \cftfigaftersnumb
24600 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\right
24601 {\cftfigfont #1}\nobreak
24602 \cftfigfillnum{#2}}
24603 \fi
24604 }
24605 \renewcommand*\@l@table}[2]{%
24606 \ifnum\c@lotdepth >\z@
24607 \vskip \cftbeforetabskip
24608 {\if@RTL\rightskip\else\leftskip\fi \cfttabindent\relax
24609 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
24610 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
24611 \parindent \cfttabindent\relax\@afterindenttrue
24612 \interlinepenalty\@M
24613 \leavevmode
24614 \@tempdima \cfttabnumwidth\relax
24615 \let\@cftbsnum \cfttabpresnum
24616 \let\@cftasnum \cfttabaftersnum
24617 \let\@cftasnumb \cfttabaftersnumb
24618 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\right
24619 {\cfttabfont #1}\nobreak
24620 \cfttabfillnum{#2}}
24621 \fi
24622 }
24623 \renewcommand{\@cftl@subfig}{
24624 \renewcommand*\@l@subfigure}[2]{%
24625 \ifnum \c@lofdepth > \toclevel@subfigure
24626 \vskip \cftbeforesubfigskip
24627 {\if@RTL\rightskip\else\leftskip\fi \cftsubfigindent\relax
24628 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
24629 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
24630 \parindent \cftsubfigindent\relax\@afterindenttrue
24631 \interlinepenalty\@M
24632 \leavevmode
24633 \@tempdima \cftsubfignumwidth\relax
24634 \let\@cftbsnum \cftsubfigpresnum
24635 \let\@cftasnum \cftsubfigaftersnum
24636 \let\@cftasnumb \cftsubfigaftersnumb
24637 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\right
24638 {\cftsubfigfont ##1}\nobreak
24639 \cftsubfigfillnum{##2}}
24640 \fi
24641 }
24642 }
24643 \renewcommand{\@cftl@subtab}{
24644 \renewcommand*\@l@subtable}[2]{%
24645 \ifnum \c@lotdepth > \toclevel@subtable
24646 \vskip \cftbeforesubtabskip
24647 {\if@RTL\rightskip\else\leftskip\fi \cftsubtabindent\relax

```



```

24648 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
24649 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
24650 \parindent \cftsubtabindent\relax\@afterindenttrue
24651 \interlinepenalty\@M
24652 \leavevmode
24653 \@tempdima \cftsubtabnumwidth\relax
24654 \let\@cftbsnum \cftsubtabpresnum
24655 \let\@cftasnum \cftsubtabaftersnum
24656 \let\@cftasnumb \cftsubtabaftersnumb
24657 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\right
24658 {\cftsubtabfont ##1}\nobreak
24659 \cftsubtabfillnum{##2}}
24660 \fi
24661 }
24662 }
24663 \renewcommand{\newlistentry}[4][\@empty]{%
24664 \ifundefined{c@#2}{% check & set the counter
24665 \ifx \@empty#1\relax
24666 \newcounter{#2}
24667 \else
24668 \ifundefined{c@#1}{\PackageWarning{tocloft}%
24669 {#1 has no counter for use as a `within'}
24670 \newcounter{#2}}%
24671 {\newcounter{#2}[#1]%
24672 \expandafter\edef\csname the#2\endcsname{%
24673 \expandafter\noexpand\csname the#1\endcsname\@SepMark\noexpand\arabic{#2}}}
24674 \fi
24675 \setcounter{#2}{0}
24676 }
24677 {\PackageError{tocloft}{#2 has been previously defined}{\@eha}}
24678
24679 \@namedef{l@#2}##1##2{%
24680 \ifnum \@nameuse{c@#3depth} > #4\relax
24681 \vskip \@nameuse{cftbefore#2skip}
24682 {\if@RTL\rightskip\else\leftskip\fi \@nameuse{cft#2indent}\relax
24683 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
24684 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
24685 \parindent \@nameuse{cft#2indent}\relax\@afterindenttrue
24686 \interlinepenalty\@M
24687 \leavevmode
24688 \@tempdima \@nameuse{cft#2numwidth}\relax
24689 \expandafter\let\expandafter\@cftbsnum\csname cft#2presnum\endcsname
24690 \expandafter\let\expandafter\@cftasnum\csname cft#2aftersnum\endcsname
24691 \expandafter\let\expandafter\@cftasnumb\csname cft#2aftersnumb\endcsname
24692 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\right
24693 {\@nameuse{cft#2font}##1}\nobreak
24694 \@nameuse{cft#2fillnum}{##2}}
24695 \fi
24696 } % end of l@#2
24697
24698 \expandafter\newlength\csname cftbefore#2skip\endcsname
24699 \setlength{\@nameuse{cftbefore#2skip}}{\z@ \@plus .2\p@}
24700 \expandafter\newlength\csname cft#2indent\endcsname
24701 \expandafter\newlength\csname cft#2numwidth\endcsname

```



```

24702 \ifcase #4\relax % 0
24703   \setlength{\@nameuse{cft#2indent}}{0em}
24704   \setlength{\@nameuse{cft#2numwidth}}{1.5em}
24705 \or % 1
24706   \setlength{\@nameuse{cft#2indent}}{1.5em}
24707   \setlength{\@nameuse{cft#2numwidth}}{2.3em}
24708 \or % 2
24709   \setlength{\@nameuse{cft#2indent}}{3.8em}
24710   \setlength{\@nameuse{cft#2numwidth}}{3.2em}
24711 \or % 3
24712   \setlength{\@nameuse{cft#2indent}}{7.0em}
24713   \setlength{\@nameuse{cft#2numwidth}}{4.1em}
24714 \else % anything else
24715   \setlength{\@nameuse{cft#2indent}}{10.0em}
24716   \setlength{\@nameuse{cft#2numwidth}}{5.0em}
24717 \fi
24718 \@namedef{cft#2font}{\normalfont}
24719 \@namedef{cft#2presnum}{}
24720 \@namedef{cft#2aftersnum}{}
24721 \@namedef{cft#2aftersnumb}{}
24722 \@namedef{cft#2dotsep}{\cftdotsep}
24723 \@namedef{cft#2leader}{\normalfont\cftdottill{\@nameuse{cft#2dotsep}}}
24724 \@namedef{cft#2pagefont}{\normalfont}
24725 \@namedef{cft#2afterpnum}{}
24726 \@namedef{toclevel@#2}{#4}
24727 \@namedef{cft#2fillnum}##1{%
24728   {\@nameuse{cft#2leader}}\nobreak
24729   \hb@xt@{\@pnumwidth}{\hfil\@nameuse{cft#2pagefont}##1}\@nameuse{cft#2afterpnum}\par}
24730 } % end \newlistentry
24731 \renewcommand{\cftchapterprecistoc}[1]{\addtocontents{toc}{%
24732   {\if@RTL\rightskip\else\leftskip\fi \cftchapindent\relax
24733   \advance\if@RTL\rightskip\else\leftskip\fi \cftchapnumwidth\relax
24734   \if@RTL\leftskip\else\rightskip\fi \@tocrmarg\relax
24735   \textit{#1}\protect\par}}}

```

## 157 File tocbasic-xetex-bidi.def

```

24736 \ProvidesFile{tocbasic-xetex-bidi.def}[2022/06/15 v0.5 bidi adaptations for tocbasic package]
24737 \bidi@undef\scr@dte@def@l@undottedtoctline
24738 \bidi@undef\scr@dte@undottedtoctline@init
24739 \DeclareTOCEntryStyle{undottedtoctline}{%
24740   \DefineTOCEntryLengthOption{indent}%
24741   {scr@tso@}{@indent}{entry indent}%
24742   \DefineTOCEntryLengthOption{numwidth}%
24743   {scr@tso@}{@numwidth}{entry number width}%
24744   \@ifundefined{#1tocdepth}{%
24745     \Ifstr{#1}{part}{\@namedef{#1tocdepth}{-1}}{%
24746       \Ifstr{#1}{chapter}{\@namedef{#1tocdepth}{0}}{%
24747         \Ifstr{#1}{section}{\@namedef{#1tocdepth}{1}}{%
24748           \Ifstr{#1}{subsection}{\@namedef{#1tocdepth}{2}}{%
24749             \Ifstr{#1}{subsubsection}{\@namedef{#1tocdepth}{3}}{%
24750               \Ifstr{#1}{paragraph}{\@namedef{#1tocdepth}{4}}{%
24751                 \Ifstr{#1}{subparagraph}{\@namedef{#1tocdepth}{5}}{%
24752                   \Ifstr{#1}{figure}{\@namedef{#1tocdepth}{1}}{%

```



```

24753         \Ifstr{#1}{table}{\@namedef{#1tocdepth}{1}}{%
24754             \expandafter\let\csname #1tocdepth\expandafter\endcsname
24755             \csname #1numdepth\endcsname
24756         }%
24757     }%
24758 }%
24759 }%
24760 }%
24761 }%
24762 }%
24763 }%
24764 }%
24765 }{%}%
24766 \@ifundefined{scr@tso@#1@indent}{%
24767     \@ifundefined{scr@#1@tocindent}{%
24768         \Ifstr{#1}{figure}{\@namedef{scr@tso@#1@indent}{1.5em}}{%
24769             \Ifstr{#1}{table}{\@namedef{scr@tso@#1@indent}{1.5em}}{%
24770                 \Ifstr{#1}{part}{\@namedef{scr@tso@#1@indent}{0em}}{%
24771                     \Ifstr{#1}{chapter}{\@namedef{scr@tso@#1@indent}{0em}}{%
24772                         \scr@ifundefinedorrelax{1@chapter}{%
24773                             \Ifstr{#1}{section}{\@namedef{scr@tso@#1@indent}{Opt}}{%
24774                                 \Ifstr{#1}{subsection}{\@namedef{scr@tso@#1@indent}{1.5em}}{%
24775                                     \Ifstr{#1}{subsubsection}{%
24776                                         \@namedef{scr@tso@#1@indent}{3.8em}%
24777                                     }{%
24778                                         \Ifstr{#1}{paragraph}{%
24779                                             \@namedef{scr@tso@#1@indent}{7em}%
24780                                         }{%
24781                                             \Ifstr{#1}{subparagraph}{%
24782                                                 \@namedef{scr@tso@#1@indent}{10em}%
24783                                             }{%
24784                                                 }%
24785                                             }%
24786                                         }%
24787                                     }%
24788                                 }%
24789                             }{%
24790                                 \Ifstr{#1}{section}{\@namedef{scr@tso@#1@indent}{1.5em}}{%
24791                                     \Ifstr{#1}{subsection}{\@namedef{scr@tso@#1@indent}{3.8em}}{%
24792                                         \Ifstr{#1}{subsubsection}{%
24793                                             \@namedef{scr@tso@#1@indent}{7.0em}%
24794                                         }{%
24795                                             \Ifstr{#1}{paragraph}{%
24796                                                 \@namedef{scr@tso@#1@indent}{10em}%
24797                                             }{%
24798                                                 \Ifstr{#1}{subparagraph}{%
24799                                                     \@namedef{scr@tso@#1@indent}{12em}%
24800                                                 }{%
24801                                                     }%
24802                                                 }%
24803                                             }%
24804                                         }%
24805                                     }%
24806                                 }%

```



```

24807         }%
24808     }%
24809 }%
24810 }%
24811 }{%
24812     \@namedef{scr@tso@#1@indent}{\@nameuse{scr@#1@tocindent}}%
24813 }%
24814 }{%
24815 \@ifundefined{scr@tso@#1@numwidth}{%
24816     \@ifundefined{scr@#1@tocnumwidth}{%
24817         \Ifstr{#1}{figure}{\@namedef{scr@tso@#1@numwidth}{2.3em}}{%
24818             \Ifstr{#1}{table}{\@namedef{scr@tso@#1@numwidth}{2.3em}}{%
24819                 \Ifstr{#1}{chapter}{\@namedef{scr@tso@#1@numwidth}{1.5em}}{%
24820                     \scr@ifundefinedorrelax{chapter}{%
24821                         \Ifstr{#1}{section}{\@namedef{scr@tso@#1@numwidth}{1.5em}}{%
24822                             \Ifstr{#1}{subsection}{\@namedef{scr@tso@#1@numwidth}{2.3em}}{%
24823                                 \Ifstr{#1}{subsubsection}{%
24824                                     \@namedef{scr@tso@#1@numwidth}{3.2em}%
24825                                 }{%
24826                                     \Ifstr{#1}{paragraph}{%
24827                                         \@namedef{scr@tso@#1@numwidth}{4.1em}%
24828                                     }{%
24829                                         \Ifstr{#1}{subparagraph}{%
24830                                             \@namedef{scr@tso@#1@numwidth}{5m}%
24831                                         }{%
24832                                             }%
24833                                         }%
24834                                     }%
24835                                 }%
24836                             }%
24837                         }{%
24838                             \Ifstr{#1}{section}{\@namedef{scr@tso@#1@numwidth}{2.3em}}{%
24839                                 \Ifstr{#1}{subsection}{\@namedef{scr@tso@#1@numwidth}{3.2em}}{%
24840                                     \Ifstr{#1}{subsubsection}{%
24841                                         \@namedef{scr@tso@#1@numwidth}{3.1em}%
24842                                     }{%
24843                                         \Ifstr{#1}{paragraph}{%
24844                                             \@namedef{scr@tso@#1@numwidth}{5em}%
24845                                         }{%
24846                                             \Ifstr{#1}{subparagraph}{%
24847                                                 \@namedef{scr@tso@#1@numwidth}{6em}%
24848                                             }{%
24849                                                 }%
24850                                             }%
24851                                         }%
24852                                     }%
24853                                 }%
24854                             }%
24855                         }%
24856                     }%
24857                 }%
24858             }{%
24859                 \@namedef{scr@tso@#1@numwidth}{\@nameuse{scr@#1@tocnumwidth}}%
24860             }%

```



```

24861 }{}%
24862 }]{%
24863 \ifnum \c@tocdepth >\numexpr \@nameuse{#1tocdepth}-\@ne\relax
24864 \ifnum \@nameuse{#1tocdepth}<\@ne
24865 \scr@ifundefinedorrelax{chapter}{%
24866 \addpenalty\@secpenalty
24867 \addvspace{1.0em \@plus\p@}%
24868 }{%
24869 \addpenalty{-\@highpenalty}%
24870 \vskip 1.0em \@plus\p@
24871 }%
24872 \else
24873 \addpenalty\@secpenalty
24874 \addvspace{1.0em \@plus\p@}%
24875 \fi
24876 \setlength\@tempdima{\@nameuse{scr@tso@#1numwidth}}%
24877 \begingroup
24878 \parindent \z@ \bidi@rightskip \@pnumwidth
24879 \parfillskip -\@pnumwidth
24880 \leavevmode
24881 \bfseries
24882 \advance\bidi@leftskip\@tempdima
24883 \If Tocfeature{\@currentx}{noindent}{%
24884 \hskip -\bidi@leftskip
24885 }{%
24886 \advance\bidi@leftskip\@nameuse{scr@tso@#1indent}%
24887 \hskip -\dimexpr \bidi@leftskip-\@nameuse{scr@tso@#1indent}\relax
24888 }%
24889 ##1%
24890 \nobreak
24891 \hfil \nobreak\hb@xt@\@pnumwidth{\hss ##2}%
24892 \par
24893 \penalty\@highpenalty
24894 \endgroup
24895 \fi
24896 }
24897
24898 \bidi@undef\scr@dte@def@l@largetocline
24899 \bidi@undef\scr@dte@largetocline@init
24900 \DeclareTOCEntryStyle{largetocline}[{%
24901 \DefineTOCEntryLengthOption{indent}%
24902 {scr@tso@}{@indent}{entry indent}%
24903 \@ifundefined{#1tocdepth}{%
24904 \Ifstr{#1}{part}{\@namedef{#1tocdepth}{-1}}{%
24905 \Ifstr{#1}{chapter}{\@namedef{#1tocdepth}{0}}{%
24906 \Ifstr{#1}{section}{\@namedef{#1tocdepth}{1}}{%
24907 \Ifstr{#1}{subsection}{\@namedef{#1tocdepth}{2}}{%
24908 \Ifstr{#1}{subsubsection}{\@namedef{#1tocdepth}{3}}{%
24909 \Ifstr{#1}{paragraph}{\@namedef{#1tocdepth}{4}}{%
24910 \Ifstr{#1}{subparagraph}{\@namedef{#1tocdepth}{5}}{%
24911 \Ifstr{#1}{figure}{\@namedef{#1tocdepth}{1}}{%
24912 \Ifstr{#1}{table}{\@namedef{#1tocdepth}{1}}{%
24913 \expandafter\let\csname #1tocdepth\expandafter\endcsname
24914 \csname #1numdepth\endcsname

```



```

24915         }%
24916     }%
24917 }%
24918 }%
24919 }%
24920 }%
24921 }%
24922 }%
24923 }%
24924 }{}%
24925 \@ifundefined{scr@tso@#1@indent}{%
24926     \@ifundefined{scr@#1@tocindent}{%
24927         \Ifstr{#1}{figure}{\@namedef{scr@tso@#1@indent}{1.5em}}{%
24928             \Ifstr{#1}{table}{\@namedef{scr@tso@#1@indent}{1.5em}}{%
24929                 \Ifstr{#1}{part}{\@namedef{scr@tso@#1@indent}{0em}}{%
24930                     \Ifstr{#1}{chapter}{\@namedef{scr@tso@#1@indent}{0em}}{%
24931                         \scr@ifundefinedorrelax{1@chapter}{%
24932                             \Ifstr{#1}{section}{\@namedef{scr@tso@#1@indent}{0pt}}{%
24933                                 \Ifstr{#1}{subsection}{\@namedef{scr@tso@#1@indent}{1.5em}}{%
24934                                     \Ifstr{#1}{subsubsection}{%
24935                                         \@namedef{scr@tso@#1@indent}{3.8em}%
24936                                     }{%
24937                                         \Ifstr{#1}{paragraph}{%
24938                                             \@namedef{scr@tso@#1@indent}{7em}%
24939                                         }{%
24940                                             \Ifstr{#1}{subparagraph}{%
24941                                                 \@namedef{scr@tso@#1@indent}{10em}%
24942                                             }{%
24943                                                 }%
24944                                             }%
24945                                         }%
24946                                     }%
24947                                 }%
24948                             }{}%
24949                             \Ifstr{#1}{section}{\@namedef{scr@tso@#1@indent}{1.5em}}{%
24950                                 \Ifstr{#1}{subsection}{\@namedef{scr@tso@#1@indent}{3.8em}}{%
24951                                     \Ifstr{#1}{subsubsection}{%
24952                                         \@namedef{scr@tso@#1@indent}{7.0em}%
24953                                     }{%
24954                                         \Ifstr{#1}{paragraph}{%
24955                                             \@namedef{scr@tso@#1@indent}{10em}%
24956                                         }{%
24957                                             \Ifstr{#1}{subparagraph}{%
24958                                                 \@namedef{scr@tso@#1@indent}{12em}%
24959                                             }{%
24960                                                 }%
24961                                             }%
24962                                         }%
24963                                     }%
24964                                 }%
24965                             }%
24966                         }%
24967                     }%
24968                 }%

```



```

24969     }%
24970   }{%
24971     \namedef{scr@tso@#1@indent}{\@nameuse{scr@#1@tocindent}}%
24972   }%
24973 }{%
24974 }}{%
24975 \ifnum \c@tocdepth >\numexpr \@nameuse{#1tocdepth}-\@ne\relax
24976   \ifnum \@nameuse{#1tocdepth}<\@ne
24977     \scr@ifundefinedorrelax{chapter}{%
24978       \addpenalty\@secpenalty
24979       \addvspace{2.25em \@plus\p@}%
24980     }{%
24981       \addpenalty{-\@highpenalty}%
24982       \addvspace{2.25em \@plus\p@}%
24983     }%
24984   \else
24985     \addpenalty\@secpenalty
24986     \addvspace{2.25em \@plus\p@}%
24987   \fi
24988   \setlength\@tempdima{3em}%
24989   \begingroup
24990     \parindent \z@ \bidi@rightskip \@pnumwidth
24991     \parfillskip -\@pnumwidth
24992     \leavevmode
24993     \large
24994     \bfseries
24995     \IfTocFeature{\@currentx}{noindent}{%
24996     }{%
24997       \advance\bidi@leftskip\@nameuse{scr@tso@#1@indent}%
24998     }%
24999     ##1%
25000     \hfil \nobreak\hb@xt@\@pnumwidth{\hss ##2}%
25001     \par
25002     \nobreak
25003     \ifnum 0=
25004       \scr@ifundefinedorrelax{chapter}{\if@compatibility 1\else 0\fi}{1}\relax
25005       \global\@nobreaktrue
25006       \everypar{\global\@nobreakfalse\everypar{}}%
25007     \fi
25008   \endgroup
25009 \fi
25010 }
25011
25012 \renewcommand*{\scr@dte@tocline}[3]{%
25013   \ifnum \@nameuse{#1tocdepth}>\c@tocdepth
25014   \else
25015     \tocbasic@DependOnPenaltyAndTOCLevel{#1}%
25016     \addvspace{\@nameuse{scr@tso@#1@beforeskip}}\relax
25017     \@nameuse{Ifscr@tso@#1@dynindent}{%
25018       \expandafter\ifx\csname scr@tso@#1@indentfollows\endcsname\@empty
25019       \PackageWarning{tocbasic}{`dynindent' for `#1' not available}%
25020     \else
25021       \edef\reserved@a{\@nameuse{scr@tso@#1@indentfollows}}%
25022       \@for \reserved@a:=\reserved@a\do {%

```



```

25023 \scr@trim@spaces\reserved@a
25024 \ifx\reserved@a\@empty\else
25025 \scr@ifundefinedorrelax{\reserved@a tocdepth}{%
25026 }{%
25027 \ifnum \@nameuse{\reserved@a tocdepth}<\@nameuse{#1tocdepth}%
25028 \@tempdima\@nameuse{scr@tso@\reserved@a @indent}\relax
25029 \@nameuse{Ifscr@tso@\reserved@a @dynnumwidth}{%
25030 \scr@ifundefinedorrelax
25031 {scr@dte@\reserved@a @lastmaxnumwidth}{%
25032 \advance\@tempdima
25033 \@nameuse{scr@tso@\reserved@a @numwidth}\relax
25034 }{%
25035 \advance\@tempdima
25036 \@nameuse{scr@dte@\reserved@a @lastmaxnumwidth}\relax
25037 }%
25038 }{%
25039 \advance\@tempdima
25040 \@nameuse{scr@tso@\reserved@a @numwidth}\relax
25041 }%
25042 \ifdim \@tempdima>\@nameuse{scr@tso@#1@indent}\relax
25043 \expandafter\edef\csname scr@tso@#1@indent\endcsname
25044 {\the\@tempdima}%
25045 \fi
25046 \fi
25047 }%
25048 \fi
25049 }%
25050 \fi
25051 }{}%
25052 {%
25053 \Iftocfeature{\@currentx}{noindent}{%
25054 \bidi@leftskip \z@
25055 }{%
25056 \bidi@leftskip \@nameuse{scr@tso@#1@indent}\relax
25057 }%
25058 \bidi@rightskip \@nameuse{scr@tso@#1@rightindent}\relax
25059 \parfillskip -\bidi@rightskip
25060 \@nameuse{Ifscr@tso@#1@raggedpage}{%
25061 \addtolength{\parfillskip}{\z@ \@plus 1fil}%
25062 }{}%
25063 \Iftocfeature{\@currentx}{noindent}{%
25064 \parindent \z@
25065 }{%
25066 \parindent \@nameuse{scr@tso@#1@indent}\relax
25067 }%
25068 \@afterindenttrue
25069 \interlinepenalty\@M
25070 \expandafter\ifx\csname ragged#1entry\endcsname\raggedright
25071 \addtolength\bidi@rightskip\@flushglue
25072 \else
25073 \def\reserved@a{\raggedright}%
25074 \expandafter\ifx\csname ragged#1entry\endcsname\reserved@a
25075 \addtolength\bidi@rightskip\@flushglue
25076 \else

```



```

25077         \renewcommand\reserved@a{\raggedright}%
25078         \expandafter\ifx\csname ragged#1entry\endcsname\reserved@a
25079         \addtolength\bidirightskip{\flushglue
25080         \fi
25081     \fi
25082 \fi
25083 \leavevmode
25084 \@tempdima \@nameuse{scr@tso@#1@numwidth}\relax
25085 \@nameuse{Ifscr@tso@#1@dynnumwidth}{%
25086     \scr@ifundefinedorrelax{scr@dte@#1@lastmaxnumwidth}{}%
25087     \ifdim \@nameuse{scr@dte@#1@lastmaxnumwidth}>\@tempdima
25088     \@tempdima\@nameuse{scr@dte@#1@lastmaxnumwidth}\relax
25089     \fi
25090 }%
25091 }{}%
25092 \advance\bidileftskip \@tempdima
25093 \null\nobreak\hskip -\bidileftskip
25094 {%
25095     \usetocbasicnumberline
25096     \let\scr@dte@numberline@box\numberline@box
25097     \def\numberline@box##1{%
25098         \sbox\scr@dte@tocline@numbox{\@nameuse{scr@tso@#1@numberformat}{##1}}%
25099         \global\scr@dte@tocline@numberwidth
25100         \dimexpr\wd\scr@dte@tocline@numbox+\@nameuse{scr@tso@#1@numsep}\relax
25101         \relax
25102         \ifdim \scr@dte@tocline@numberwidth
25103             >\@nameuse{scr@dte@#1@maxnumwidth}\relax
25104             \global\@nameuse{scr@dte@#1@maxnumwidth}\scr@dte@tocline@numberwidth
25105         \fi
25106         \@nameuse{Ifscr@tso@#1@dynnumwidth}{}%
25107         \ifdim \scr@dte@tocline@numberwidth
25108             >\dimexpr \@nameuse{scr@tso@#1@numwidth}%
25109             +\@nameuse{scr@tso@#1@numsep}\relax\relax
25110         \PackageWarning{tocbasic}{%
25111             number width of #1 toc entries should be
25112             increased!\MessageBreak
25113             Currently used number width =
25114             \the\wd\scr@dte@tocline@numbox,\MessageBreak
25115             Wanted number separation
25116             \space\space\space =
25117             \the\dimexpr\@nameuse{scr@tso@#1@numsep}\relax,\MessageBreak
25118             Reserved number width \space\space\space\space\space\space =
25119             \the\dimexpr\@nameuse{scr@tso@#1@numwidth}\relax%
25120         }%
25121     \fi
25122 }%
25123 \scr@dte@numberline@box{\@nameuse{scr@tso@#1@numberformat}{##1}}%
25124 \@nameuse{Ifscr@tso@#1@breakafternumber}{%
25125     {\parfillskip\flushglue\par}\nobreak\hskip-\bidileftskip
25126 }{}%
25127 }%
25128 {\@nameuse{scr@tso@#1@entryformat}{%
25129     #2%
25130     \nobreak

```



```

25131      {%
25132          \normalfont\normalsize\@nameuse{scr@tso@#1@linefill}%
25133          \nobreak
25134          \expandafter\let\expandafter\scr@dte@pagenumberwidth
25135          \csname scr@tso@#1@pagenumberwidth\endcsname
25136          \@nameuse{scr@tso@#1@pagenumberbox}{%
25137              \@nameuse{scr@tso@#1@pagenumberformat}{#3}%
25138          }%
25139      }%
25140  }}\@par
25141  }%
25142  }%
25143  \tocbasic@SetPenaltyByTOCLevel{#1}%
25144  \fi
25145  }
25146
25147
25148  \bidi@undef\scr@dte@def@l@tocline
25149  \bidi@undef\scr@dte@tocline@init
25150  \DeclareTOCEntryStyle{tocline}[{%
25151      \DefineTOCEntryLengthOption{beforeskip}%
25152      {scr@tso@}{@beforeskip}{vertical skip before the entry}%
25153      \DefineTOCEntryIfOption{breakafternumber}%
25154      {scr@tso@}{@breakafternumber}{line break after number flag}%
25155      \DefineTOCEntryIfOption{dynnumwidth}%
25156      {scr@tso@}{@dynnumwidth}{dynamic number width flag}%
25157      \DefineTOCEntryListOption{indentfollows}%
25158      {scr@tso@}{@indentfollows}{list of levels that define the indent}%
25159      \DefineTOCEntryIfOption{dynindent}%
25160      {scr@tso@}{@dynindent}{dynamic indent width flag}%
25161      \DefineTOCEntryCommandOption{entryformat}%
25162      {scr@tso@}{@entryformat}[1]{entry format}%
25163      \DefineTOCEntryCommandOption{entrynumberformat}%
25164      {scr@tso@}{@numberformat}[1]{entry number format}%
25165      \DefineTOCEntryCommandOption{linefill}[\TOCLineLeaderFill]%
25166      {scr@tso@}{@linefill}{filling between text and page number}%
25167      \DefineTOCEntryLengthOption{numsep}%
25168      {scr@tso@}{@numsep}{entry number separation}%
25169      \DefineTOCEntryCommandOption{onstarthigherlevel}%
25170      {scr@tso@}{@LastTOCLevelWasLower}{start higher level entry hook}%
25171      \DefineTOCEntryCommandOption{onstartlowerlevel}%
25172      {scr@tso@}{@LastTOCLevelWasHigher}{start lower level entry hook}%
25173      \DefineTOCEntryCommandOption{onstartsamelevel}%
25174      {scr@tso@}{@LastTOCLevelWasSame}{start same level entry hook}%
25175      \DefineTOCEntryCommandOption{pagenumberbox}%
25176      {scr@tso@}{@pagenumberbox}[1]{page number box}%
25177      \DefineTOCEntryCommandOption{pagenumberformat}%
25178      {scr@tso@}{@pagenumberformat}[1]{page number format}%
25179      \DefineTOCEntryLengthOption{pagenumberwidth}%
25180      {scr@tso@}{@pagenumberwidth}{width of page number box}%
25181      \DefineTOCEntryLengthOption{rightindent}%
25182      {scr@tso@}{@rightindent}{entry's text right indent}%
25183      \DefineTOCEntryOption{raggedentrytext}[true]{%
25184          \FamilySetBool{KOMAarg}{raggedentrytext}{@tempswa}{##1}%

```



```

25185 \ifx\FamilyKeyState\FamilyKeyStateProcessed
25186 \if@tempswa
25187 \expandafter\let\csname ragged\scr@dte@current entry\endcsname
25188 \raggedright
25189 \else
25190 \expandafter\let\csname ragged\scr@dte@current entry\endcsname
25191 \relax
25192 \fi
25193 \fi
25194 }%
25195 \DefineTOCEntryIfOption{raggedpagenumber}%
25196 {scr@tso@}{@raggedpage}{page number ragged flag}%
25197 \DefineTOCEntryLengthOption{indent}%
25198 {scr@tso@}{@indent}{entry indent}%
25199 \DefineTOCEntryLengthOption{numwidth}%
25200 {scr@tso@}{@numwidth}{entry number width}%
25201 \scr@ifundefinedorrelax{#1tocdepth}{%
25202 \Ifstrstart{#1}{sub}{%
25203 \scr@ifundefinedorrelax{\scr@dte@nosub{#1}tocdepth}{}{%
25204 \expandafter\edef\csname #1tocdepth\endcsname{%
25205 \the\numexpr \noexpand\@nameuse{\scr@dte@nosub{#1}tocdepth}+\@ne\relax
25206 }%
25207 }%
25208 }{}%
25209 }{}%
25210 \@ifundefined{#1tocdepth}{%
25211 \Ifstr{#1}{part}{\@namedef{#1tocdepth}{-1}}{%
25212 \Ifstr{#1}{chapter}{\@namedef{#1tocdepth}{0}}{%
25213 \Ifstr{#1}{section}{\@namedef{#1tocdepth}{1}}{%
25214 \Ifstr{#1}{subsection}{\@namedef{#1tocdepth}{2}}{%
25215 \Ifstr{#1}{subsubsection}{\@namedef{#1tocdepth}{3}}{%
25216 \Ifstr{#1}{paragraph}{\@namedef{#1tocdepth}{4}}{%
25217 \Ifstr{#1}{subparagraph}{\@namedef{#1tocdepth}{5}}{%
25218 \Ifstr{#1}{figure}{\@namedef{#1tocdepth}{1}}{%
25219 \Ifstr{#1}{table}{\@namedef{#1tocdepth}{1}}{%
25220 \expandafter\let\csname #1tocdepth\expandafter\endcsname
25221 \csname #1numdepth\endcsname
25222 }%
25223 }%
25224 }%
25225 }%
25226 }%
25227 }%
25228 }%
25229 }%
25230 }%
25231 }{}%
25232 \scr@ifundefinedorrelax{scr@tso@#1@indent}{%
25233 \@ifundefined{scr@#1@tocindent}{%
25234 \Ifstrstart{#1}{sub}{%
25235 \scr@ifundefinedorrelax{scr@tso@\scr@dte@nosub{#1}@indent}{%
25236 \scr@ifundefinedorrelax{scr@tso@\scr@dte@nosub{#1}@numwidth}{}{%
25237 \expandafter\edef\csname scr@tso@#1@indent\endcsname{%
25238 \glueexpr \noexpand\@nameuse{scr@tso@\scr@dte@nosub{#1}@numwidth}%

```



```

25239         \relax
25240     }%
25241 }%
25242 }{%
25243     \scr@ifundefinedorrelax{scr@tso@\scr@dte@nosub{#1}@numwidth}{%
25244         \expandafter\edef\csname scr@tso@#1@indent\endcsname{%
25245             \glueexpr \noexpand\@nameuse{scr@tso@\scr@dte@nosub{#1}@indent}%
25246             \relax
25247         }%
25248     }{%
25249         \expandafter\edef\csname scr@tso@#1@indent\endcsname{%
25250             \glueexpr \noexpand\@nameuse{scr@tso@\scr@dte@nosub{#1}@indent}%
25251             +\noexpand\@nameuse{scr@tso@\scr@dte@nosub{#1}@numwidth}%
25252             \relax
25253         }%
25254     }%
25255 }%
25256 }{}%
25257 }{%
25258     \@namedef{scr@tso@#1@indent}{\@nameuse{scr@#1@tocindent}}%
25259 }%
25260 }{}%
25261 \scr@ifundefinedorrelax{scr@tso@#1@pagenumberwidth}{%
25262     \Ifstrstart{#1}{sub}{%
25263         \scr@ifundefinedorrelax{scr@tso@\scr@dte@nosub{#1}@pagenumberwidth}{%
25264             \@namedef{scr@tso@#1@pagenumberwidth}{\@pnumwidth}%
25265         }{%
25266             \expandafter\let
25267             \csname scr@tso@#1@pagenumberwidth\expandafter\endcsname
25268             \csname scr@tso@\scr@dte@nosub{#1}@pagenumberwidth\endcsname
25269         }%
25270     }{%
25271         \@namedef{scr@tso@#1@pagenumberwidth}{\@pnumwidth}%
25272     }%
25273 }{}%
25274 \scr@ifundefinedorrelax{scr@tso@#1@rightindent}{%
25275     \Ifstrstart{#1}{sub}{%
25276         \scr@ifundefinedorrelax{scr@tso@\scr@dte@nosub{#1}@rightindent}{%
25277             \@namedef{scr@tso@#1@rightindent}{\@tocrmarg}%
25278         }{%
25279             \expandafter\let
25280             \csname scr@tso@#1@rightindent\expandafter\endcsname
25281             \csname scr@tso@\scr@dte@nosub{#1}@rightindent\endcsname
25282         }%
25283     }{%
25284         \@namedef{scr@tso@#1@rightindent}{\@tocrmarg}%
25285     }%
25286 }{}%
25287 \@ifundefined{scr@tso@#1@indent}{%
25288     \Ifstr{#1}{figure}{\@namedef{scr@tso@#1@indent}{1.5em}}{%
25289     \Ifstr{#1}{table}{\@namedef{scr@tso@#1@indent}{1.5em}}{%
25290     \Ifstr{#1}{part}{\@namedef{scr@tso@#1@indent}{0em}}{%
25291     \Ifstr{#1}{chapter}{\@namedef{scr@tso@#1@indent}{0em}}{%
25292         \scr@ifundefinedorrelax{l@chapter}{%

```



```

25293 \Ifstr{#1}{section}{\@namedef{scr@tso@#1@indent}{0pt}}{%
25294 \Ifstr{#1}{subsection}{\@namedef{scr@tso@#1@indent}{1.5em}}{%
25295 \Ifstr{#1}{subsubsection}{%
25296 \@namedef{scr@tso@#1@indent}{3.8em}%
25297 }{%
25298 \Ifstr{#1}{paragraph}{%
25299 \@namedef{scr@tso@#1@indent}{7em}%
25300 }{%
25301 \Ifstr{#1}{subparagraph}{%
25302 \@namedef{scr@tso@#1@indent}{10em}%
25303 }{%
25304 }%
25305 }%
25306 }%
25307 }%
25308 }%
25309 }{%
25310 \Ifstr{#1}{section}{\@namedef{scr@tso@#1@indent}{1.5em}}{%
25311 \Ifstr{#1}{subsection}{\@namedef{scr@tso@#1@indent}{3.8em}}{%
25312 \Ifstr{#1}{subsubsection}{%
25313 \@namedef{scr@tso@#1@indent}{7.0em}%
25314 }{%
25315 \Ifstr{#1}{paragraph}{%
25316 \@namedef{scr@tso@#1@indent}{10em}%
25317 }{%
25318 \Ifstr{#1}{subparagraph}{%
25319 \@namedef{scr@tso@#1@indent}{12em}%
25320 }{%
25321 }%
25322 }%
25323 }%
25324 }%
25325 }%
25326 }%
25327 }%
25328 }%
25329 }%
25330 }%
25331 }{}%
25332 \scr@ifundefinedorrelax{scr@tso@#1@numwidth}{%
25333 \scr@ifundefinedorrelax{scr@#1@tocnumwidth}{%
25334 \Ifstrstart{#1}{sub}{%
25335 \scr@ifundefinedorrelax{scr@tso@\scr@dte@nosub{#1}@numwidth}{}%
25336 \expandafter\edef\csname scr@tso@#1@numwidth\endcsname{%
25337 \glueexpr \noexpand\@nameuse{scr@tso@\scr@dte@nosub{#1}@numwidth}%
25338 +.9em%
25339 \relax
25340 }%
25341 }%
25342 }{}%
25343 }{%
25344 \@namedef{scr@tso@#1@numwidth}{\@nameuse{scr@#1@tocnumwidth}}%
25345 }%
25346 }{}%

```



```

25347 \@ifundefined{scr@tso@#1@numwidth}{%
25348   \Ifstr{#1}{figure}{\@namedef{scr@tso@#1@numwidth}{2.3em}}{%
25349     \Ifstr{#1}{table}{\@namedef{scr@tso@#1@numwidth}{2.3em}}{%
25350       \Ifstr{#1}{chapter}{\@namedef{scr@tso@#1@numwidth}{1.5em}}{%
25351         \scr@ifundefinedorrelax{chapter}{%
25352           \Ifstr{#1}{section}{\@namedef{scr@tso@#1@numwidth}{1.5em}}{%
25353             \Ifstr{#1}{subsection}{\@namedef{scr@tso@#1@numwidth}{2.3em}}{%
25354               \Ifstr{#1}{subsubsection}{%
25355                 \@namedef{scr@tso@#1@numwidth}{3.2em}%
25356               }{%
25357                 \Ifstr{#1}{paragraph}{%
25358                   \@namedef{scr@tso@#1@numwidth}{4.1em}%
25359                 }{%
25360                   \Ifstr{#1}{subparagraph}{%
25361                     \@namedef{scr@tso@#1@numwidth}{5m}%
25362                   }{%
25363                     }%
25364                   }%
25365                 }%
25366               }%
25367             }%
25368           }{%
25369             \Ifstr{#1}{section}{\@namedef{scr@tso@#1@numwidth}{2.3em}}{%
25370               \Ifstr{#1}{subsection}{\@namedef{scr@tso@#1@numwidth}{3.2em}}{%
25371                 \Ifstr{#1}{subsubsection}{%
25372                   \@namedef{scr@tso@#1@numwidth}{3.1em}%
25373                 }{%
25374                   \Ifstr{#1}{paragraph}{%
25375                     \@namedef{scr@tso@#1@numwidth}{5em}%
25376                   }{%
25377                     \Ifstr{#1}{subparagraph}{%
25378                       \@namedef{scr@tso@#1@numwidth}{6em}%
25379                     }{%
25380                       }%
25381                     }%
25382                   }%
25383                 }%
25384               }%
25385             }%
25386           }%
25387         }%
25388       }%
25389     }{%
25390   \expandafter\renewcommand%
25391   \csname scr@tso@#1@LastTOCLevelWasLower\endcsname{\LastTOCLevelWasLower}%
25392   \expandafter\renewcommand%
25393   \csname scr@tso@#1@LastTOCLevelWasSame\endcsname{\LastTOCLevelWasSame}%
25394   \expandafter\renewcommand%
25395   \csname scr@tso@#1@LastTOCLevelWasHigher\endcsname{\LastTOCLevelWasHigher}%
25396   \@ifundefined{scr@tso@#1@beforeskip}{%
25397     \Ifstr{#1}{part}{%
25398       \@namedef{scr@tso@#1@beforeskip}{\glueexpr 2.25em \@plus\p@relax}%
25399     }{%
25400       \Ifstr{#1}{chapter}{%

```



```

25401         \@namedef{scr@tso@#1@beforeskip}{\glueexpr 1.0em \@plus\p@\relax}%
25402     }{%
25403         \Ifstr{#1}{section}{%
25404             \scr@ifundefinedorrelax{1@chapter}{%
25405                 \@namedef{scr@tso@#1@beforeskip}{\glueexpr 1.0em \@plus\p@\relax}%
25406             }{}%
25407         }{}%
25408     }%
25409 }%
25410 \expandafter\renewcommand\expandafter*%
25411 \csname scr@tso@#1@beforeskip\endcsname{\glueexpr \z@ plus .2\p@\relax}%
25412 }{%
25413 \@ifundefined{scr@dte@#1@maxnumwidth}{%
25414     \expandafter\newlength\csname scr@dte@#1@maxnumwidth\endcsname
25415     \setlength{\@nameuse{scr@dte@#1@maxnumwidth}}{\z@}%
25416 }{}%
25417 \renewcommand*{\scr@dte@donumwidth}{}%
25418 \g@addto@macro{\scr@dte@donumwidth}{\do{#1}}%
25419 \expandafter\renewcommand\expandafter*%
25420 \csname scr@tso@#1@numsep\endcsname{.4em}%
25421 \expandafter\renewcommand%
25422 \csname scr@tso@#1@numberformat\endcsname[1]{##1}%
25423 \Ifstr{#1}{part}{%
25424     \expandafter\providecommand%
25425     \csname scr@tso@#1@entryformat\endcsname[1]{\large\bfseries ##1}%
25426 }{%
25427     \Ifstr{#1}{chapter}{%
25428         \expandafter\providecommand%
25429         \csname scr@tso@#1@entryformat\endcsname[1]{\bfseries ##1}%
25430     }{%
25431         \scr@ifundefinedorrelax{1@chapter}{%
25432             \Ifstr{#1}{section}{%
25433                 \expandafter\providecommand%
25434                 \csname scr@tso@#1@entryformat\endcsname[1]{\bfseries ##1}%
25435             }{}%
25436         }{}%
25437         \expandafter\providecommand%
25438         \csname scr@tso@#1@entryformat\endcsname[1]{##1}%
25439     }%
25440 }%
25441 \expandafter\renewcommand
25442 \csname Ifscr@tso@#1@breakafternumber\endcsname[2]{##2}%
25443 \@ifundefined{scr@tso@#1@linefill}{%
25444     \Ifstr{#1}{part}{%
25445         \@namedef{scr@tso@#1@linefill}{\hfill}%
25446     }{%
25447         \Ifstr{#1}{chapter}{%
25448             \@namedef{scr@tso@#1@linefill}{\hfill}%
25449         }{}%
25450         \scr@ifundefinedorrelax{1@chapter}{%
25451             \Ifstr{#1}{section}{%
25452                 \@namedef{scr@tso@#1@linefill}{\hfill}%
25453             }{}%
25454         }{}%

```



```

25455         \expandafter\renewcommand%
25456         \csname scr@tso@#1@linefill\endcsname{\TOCLineLeaderFill\relax}%
25457     }%
25458 }%
25459 }{}%
25460 \expandafter\renewcommand\csname Ifscr@tso@#1@raggedpage\endcsname[2]{##2}%
25461 \Ifstr{#1}{part}{%
25462     \expandafter\providecommand%
25463     \csname scr@tso@#1@pagenumberformat\endcsname[1]{\large\bfseries ##1}%
25464 }{%
25465     \Ifstr{#1}{chapter}{%
25466         \expandafter\providecommand%
25467         \csname scr@tso@#1@pagenumberformat\endcsname[1]{\bfseries ##1}%
25468     }{%
25469         \scr@ifundefinedorrelax{1@chapter}{%
25470             \Ifstr{#1}{section}{%
25471                 \expandafter\providecommand%
25472                 \csname scr@tso@#1@pagenumberformat\endcsname[1]{\bfseries ##1}%
25473             }{}%
25474         }{}%
25475         \expandafter\providecommand%
25476         \csname scr@tso@#1@pagenumberformat\endcsname[1]{%
25477             {\normalfont\normalcolor ##1}}%
25478     }%
25479 }%
25480 \expandafter\renewcommand%
25481 \csname scr@tso@#1@pagenumberbox\endcsname[1]{%
25482     \hb@xt@{\@nameuse{scr@dte@pagenumberwidth}}{\hfil ##1}}%
25483 \expandafter\renewcommand\csname Ifscr@tso@#1@dynnumwidth\endcsname[2]{##2}%
25484 \expandafter\renewcommand\csname Ifscr@tso@#1@dynindent\endcsname[2]{##2}%
25485 \scr@ifundefinedorrelax{scr@tso@#1@indentfollows}{%
25486     \Ifstrstart{#1}{sub}{%
25487         \expandafter\edef\csname scr@tso@#1@indentfollows\endcsname{%
25488             \scr@dte@nosub{#1}%
25489         }%
25490     }{}%
25491     \expandafter\let\csname scr@tso@#1@indentfollows\endcsname\@empty
25492 }%
25493 }{}%
25494 }{}%
25495 \scr@dte@tocline{#1}{##1}{##2}%
25496 }
25497
25498 \if@bidi@csdef{scr@tso@figure@pagenumberformat}{%
25499     \renewcommand*{\scr@tso@figure@pagenumberformat}[1]{%
25500         {\normalfont\normalcolor #1}%
25501     }%
25502 }{}
25503
25504 \if@bidi@csdef{scr@tso@table@pagenumberformat}{%
25505     \renewcommand*{\scr@tso@table@pagenumberformat}[1]{%
25506         {\normalfont\normalcolor #1}%
25507     }%
25508 }{}

```



## 158 File tocstyle-xetex-bidi.def

```

25510 \ProvidesFile{tocstyle-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for tocstyle package]
25511 \renewcommand*{\tocstyle@dottedtocline}[5]{%
25512   \let\numberline\tocstyle@numberline
25513   \ifnum #1>\c@tocdepth \else
25514     \if@tocstyle@penalties
25515       \begingroup
25516         \@tempcnta 20010
25517         \advance \@tempcnta by -#1
25518         \ifnum \@tempcnta>\lastpenalty
25519           \aftergroup\penalty\aftergroup\@lowpenalty
25520         \fi
25521       \endgroup
25522     \fi
25523     \edef\tocstyledepth{#1}%
25524     \tocstyle@activate@features
25525     \ifx\tocstyle@feature@entryvskip\relax
25526       \vskip \z@ \@plus.2\p@
25527     \else
25528       \addvspace{\tocstyle@feature@entryvskip}%
25529     \fi
25530     {%
25531       \parskip \z@ \parindent \z@ \if@RTL\rightskip\else\leftskip\fi \z@ \if@RTL\leftskip\else\rightskip\fi
25532       \tocstyle@feature@raggedhook
25533       \@tempdima #3\relax
25534       \@tempdimb #2\relax
25535       \typeout{m (\tocstyleTOC, \tocstyledepth): \the\@tempdima}%
25536       \ifnum #1>\z@\relax
25537         \@tempcnta #1\relax \advance\@tempcnta \m@ne
25538         \ifcsname tocstyle@skipwidth@\tocstyleTOC @\the\@tempcnta\endcsname
25539           \ifcsname tocstyle@numwidth@\tocstyleTOC @\the\@tempcnta\endcsname
25540             \@tempdimb
25541             \csname tocstyle@skipwidth@\tocstyleTOC @\the\@tempcnta\endcsname
25542             \advance\@tempdimb
25543             \csname tocstyle@numwidth@\tocstyleTOC @\the\@tempcnta\endcsname
25544           \fi
25545         \fi
25546       \fi
25547       \typeout{C (\tocstyleTOC, \tocstyledepth): \the\@tempdimb}%
25548       \ifcsname tocstyle@skipwidth@\tocstyleTOC @#1\endcsname
25549         \ifdim \@tempdimb>
25550           \csname tocstyle@skipwidth@\tocstyleTOC @#1\endcsname\relax
25551           \expandafter\xdef\csname tocstyle@skipwidth@\tocstyleTOC
25552             @#1\endcsname{\the\@tempdimb}%
25553         \fi
25554       \else
25555         \expandafter\xdef\csname tocstyle@skipwidth@\tocstyleTOC
25556           @#1\endcsname{\the\@tempdimb}%
25557       \fi
25558       \iftocstyle@autolength
25559         \ifcsname tocstyle@maxskipwidth@\tocstyleTOC @#1\endcsname

```



```

25560         \@tempdimb \csname tocstyle@maxskipwidth@\tocstyleTOC @#1\endcsname
25561         \relax
25562     \fi
25563     \ifcsname tocstyle@maxnumwidth@\tocstyleTOC @#1\endcsname
25564         \@tempdima \csname tocstyle@maxnumwidth@\tocstyleTOC @#1\endcsname
25565         \relax
25566     \fi
25567     \typeout{a (\tocstyleTOC, \tocstyledepth): \the\@tempdima}%
25568     \typeout{A (\tocstyleTOC, \tocstyledepth): \the\@tempdimb}%
25569 \else
25570     \@tempdimb #2\relax
25571     \typeout{M (\tocstyleTOC, \tocstyledepth): \the\@tempdimb}%
25572 \fi
25573 \ifcsname tocstyle@unumwidth@\tocstyleTOC @\endcsname
25574     \ifdim \@tempdima>
25575         \csname tocstyle@unumwidth@\tocstyleTOC @\endcsname\relax
25576         \expandafter\xdef\csname tocstyle@unumwidth@\tocstyleTOC
25577             @\endcsname{\the\@tempdima}%
25578     \fi
25579 \else
25580     \expandafter\xdef\csname tocstyle@unumwidth@\tocstyleTOC
25581         @\endcsname{\the\@tempdima}%
25582 \fi
25583 \ifcase\tocstyle@indentstyle\relax\else
25584     \@tempdimb \z@
25585     \ifcsname tocstyle@maxunumwidth@\tocstyleTOC @\endcsname
25586         \@tempdima \csname tocstyle@maxunumwidth@\tocstyleTOC @\endcsname
25587         \relax
25588     \fi
25589     \typeout{s (\tocstyleTOC, \tocstyledepth): \the\@tempdima}%
25590     \typeout{S (\tocstyleTOC, \tocstyledepth): \the\@tempdimb}%
25591 \fi
25592 \advance\parindent \@tempdimb\@afterindenttrue
25593 \advance\if@RTL\rightskip\else\leftskip\fi \parindent
25594 \advance\if@RTL\leftskip\else\rightskip\fi \@tocrmarg
25595 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
25596 \ifx\tocstyle@feature@parfillskip\relax\else
25597     \advance\parfillskip \tocstyle@feature@parfillskip\relax
25598 \fi
25599 \interlinepenalty\@M
25600 \leavevmode
25601 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima
25602 \null\nobreak
25603 \iftocstyle@indentnotnumbered\else
25604     \hskip -\if@RTL\rightskip\else\leftskip\fi
25605 \fi
25606 \tocstyle@feature@entryhook
25607 {#4}\nobreak
25608 \ifx\tocstyle@feature@leaders\relax
25609     \leaders\hbox{$\m@th
25610         \mkern \@dotsep mu\hbox{\tocstyle@feature@dotohook .}%
25611         \mkern \@dotsep mu$}\hfill
25612 \else
25613     \tocstyle@feature@leaders

```



```

25614 \fi
25615 \nobreak
25616 \ifx\tocstyle@feature@pagenumberbox\relax
25617 \hb@xt@\@pnumwidth{\hfil\tocstyle@feature@pagenumberhook #5}%
25618 \else
25619 \tocstyle@feature@pagenumberbox{\tocstyle@feature@pagenumberhook #5}%
25620 \fi
25621 \par
25622 }%
25623 \if\tocstyle@penalties
25624 \bgroup
25625 \@tempcnta 20009
25626 \advance\@tempcnta by -#1
25627 \edef\reserved@a{\egroup\penalty\the\@tempcnta\relax}%
25628 \reserved@a
25629 \fi
25630 \fi}
25631 \renewcommand*{\tocstyle@numberline}[1]{%
25632 \beginngroup
25633 \ifx\tocstyle@feature@spaceafternumber\relax
25634 \settowidth\@tempdima{\tocstyle@@numberline{#1}\enskip}%
25635 \else
25636 \settowidth\@tempdima{\tocstyle@@numberline{#1}}%
25637 \advance \@tempdima \tocstyle@feature@spaceafternumber\relax
25638 \fi
25639 \ifcsname tocstyle@numwidth@\tocstyleTOC @\tocstyledepth\endcsname
25640 \ifdim \@tempdima >
25641 \csname tocstyle@numwidth@\tocstyleTOC @\tocstyledepth\endcsname\relax
25642 \expandafter\xdef\csname tocstyle@numwidth@\tocstyleTOC
25643 @\tocstyledepth\endcsname{\the\@tempdima}%
25644 \fi
25645 \else
25646 \expandafter\xdef\csname tocstyle@numwidth@\tocstyleTOC
25647 @\tocstyledepth\endcsname{\the\@tempdima}%
25648 \fi
25649 \endgroup
25650 \iftocstyle@indentnotnumbered
25651 \hskip -\if@RTL\rightskip\else\leftskip\fi
25652 \fi
25653 \ifcase \tocstyle@indentstyle
25654 \hb@xt@\@tempdima{\tocstyle@@numberline{#1}\hfil}%
25655 \or
25656 \hb@xt@\@tempdima{\tocstyle@@numberline{#1}\hfil}%
25657 \else
25658 \ifx\tocstyle@feature@spaceafternumber\relax
25659 \hbox{\tocstyle@@numberline{#1}\enskip}%
25660 \else
25661 \hbox{\tocstyle@@numberline{#1}\hskip
25662 \tocstyle@feature@spaceafternumber\relax}%
25663 \fi
25664 \fi
25665 }
25666 \AtBeginDocument{%
25667 \ifcsname l@part\endcsname

```



```

25668 \ifcsname l@chapter\endcsname
25669 \setbox\@tempboxa\vbox{\hsize\maxdimen
25670 \l@part{\tocstyle@l@define{part}{-1}}{}}%
25671 \else
25672 \setbox\@tempboxa\vbox{\hsize\maxdimen
25673 \l@part{\tocstyle@l@define{part}{0}}{}}%
25674 \fi
25675 \fi
25676 \ifcsname l@chapter\endcsname
25677 \setbox\@tempboxa\vbox{\hsize\maxdimen
25678 \l@chapter{\tocstyle@l@define{chapter}{0}}{}}%
25679 \fi
25680 \ifcsname l@section\endcsname
25681 \setbox\@tempboxa\vbox{\hsize\maxdimen
25682 \l@section{\tocstyle@l@define{section}{1}}{}}%
25683 \fi
25684 \ifcsname l@subsection\endcsname
25685 \setbox\@tempboxa\vbox{\hsize\maxdimen
25686 \l@subsection{\tocstyle@l@define{subsection}{2}}{}}%
25687 \fi
25688 \ifcsname l@subsubsection\endcsname
25689 \setbox\@tempboxa\vbox{\hsize\maxdimen
25690 \l@subsubsection{\tocstyle@l@define{subsubsection}{3}}{}}%
25691 \fi
25692 \ifcsname l@paragraph\endcsname
25693 \setbox\@tempboxa\vbox{\hsize\maxdimen
25694 \l@paragraph{\tocstyle@l@define{paragraph}{4}}{}}%
25695 \fi
25696 \ifcsname l@subparagraph\endcsname
25697 \setbox\@tempboxa\vbox{\hsize\maxdimen
25698 \l@subparagraph{\tocstyle@l@define{subparagraph}{5}}{}}%
25699 \fi
25700 \ifcsname l@table\endcsname
25701 \setbox\@tempboxa\vbox{\hsize\maxdimen
25702 \l@table{\tocstyle@l@define{table}{1}}{}}%
25703 \fi
25704 \ifcsname l@figure\endcsname
25705 \setbox\@tempboxa\vbox{\hsize\maxdimen
25706 \l@figure{\tocstyle@l@define{figure}{1}}{}}%
25707 \fi
25708 \def\@tempa#1#2#3#4#5{%
25709 \ifnum #1>\c@tocdepth \else
25710 \vskip \z@ \@plus.2\p@
25711 {\if@RTL\rightskip\else\leftskip\fi #2\relax \if@RTL\leftskip\else\rightskip\fi \@toc
25712 \parindent #2\relax\@afterindenttrue
25713 \interlinepenalty\@M
25714 \leavevmode
25715 \@tempdima #3\relax
25716 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\ri
25717 {#4}\nobreak
25718 \leaders\hbox{$\m@th
25719 \mkern \@dotsep mu\hbox{.}\mkern \@dotsep
25720 mu$}\hfill
25721 \nobreak

```



```

25722      \hb@xt@{\pnumwidth{\hfil \normalfont \normalcolor #5}}%
25723      \par}%
25724      \fi}%
25725      \ifx\@dottedtocline\@tempa\else
25726      \tocstyle@macrochangewarning\@dottedtocline
25727      \fi
25728      \let\tocstyle@saved@dottedtocline\@dottedtocline
25729      \def\@tempa#1{\hb@xt@{\@tempdima{#1}\autodot\hfil}}%
25730      \ifx\numberline\@tempa\else
25731      \def\@tempa#1{\hb@xt@{\@tempdima{#1}\hfil}}%
25732      \ifx\numberline\@tempa\else
25733      \tocstyle@macrochangewarning\numberline
25734      \fi
25735      \fi
25736      \let\tocstyle@saved\@numberline\@numberline
25737  }
25738  \renewcommand*{\tocstyle@l@define}[2]{%
25739  \advance\if@RTL\rightskip\else\leftskip\fi-\@tempdima
25740  \edef\@tempa{%
25741    \noexpand\global\noexpand\let
25742    \expandafter\noexpand\csname tocstyle@saved@l@#1\endcsname
25743    \expandafter\noexpand\csname l@#1\endcsname
25744    \noexpand\gdef
25745    \expandafter\noexpand\csname tocstyle@l@#1\endcsname{%
25746      \noexpand\@dottedtocline{#2}{\the\if@RTL\rightskip\else\leftskip\fi}{\the\@tempdima}}%
25747    \noexpand\g@addto@macro\noexpand\tocstyle@activate@all@l{%
25748      \noexpand\let\expandafter\noexpand\csname l@#1\endcsname
25749      \expandafter\noexpand\csname tocstyle@l@#1\endcsname
25750    }%
25751  }%
25752  \PackageInfo{tocstyle}{prepare \expandafter\string
25753    \csname l@#1\endcsname\space for redefinition}%
25754  \@tempa
25755  }

```

## 159 File todonotes-xetex-bidi.def

```

25756 \ProvidesFile{todonotes-xetex-bidi.def}[2016/11/08 v0.4 bidi adaptations for todonotes packa
25757 \newif\if@bidi@todonotes@textdirection@RTL
25758 \newif\if@bidi@todonotes@figposition@right
25759 \newcommand{\@bidi@todonotes@align}{}%
25760 \define@key{todonotes}{align}{\renewcommand{\@bidi@todonotes@align}{#1}}%
25761 \newcommand{\@bidi@todonotes@textdirection}{}%
25762 \define@choicekey{todonotes}{textdirection}[\@bidi@todonotes@tempa\@bidi@todonotes@tempb]{right,
25763   \ifcase\@bidi@todonotes@tempb\relax
25764     \@bidi@todonotes@textdirection@RTLtrue
25765     \let\@bidi@todonotes@textdirection\@RLE
25766   \or
25767     \@bidi@todonotes@textdirection@RTLfalse
25768     \let\@bidi@todonotes@textdirection\@LRE
25769   \fi}
25770 \define@choicekey{todonotes}{figposition}[\@bidi@todonotes@tempa\@bidi@todonotes@tempb]{right,
25771   \ifcase\@bidi@todonotes@tempb\relax
25772     \@bidi@todonotes@figposition@righttrue

```



```

25773 \or
25774 \@bidi@todonotes@figposition@rightfalse
25775 \fi}
25776 \if@todonotes@disabled%
25777 \else % \if@todonotes@disabled
25778 \renewcommand{\@todonotes@drawInlineNote}{%
25779 \if@todonotes@dviStyle%
25780 {\par\noindent\begin{tikzpicture}[remember picture]%
25781 \draw node[inlinenotestyle] {};\end{tikzpicture}\par}%
25782 \if@todonotes@authorgiven%
25783 {\noindent \@todonotes@sizecommand \@todonotes@author:\,\@todonotes@text}%
25784 \else%
25785 {\noindent \@todonotes@sizecommand \@todonotes@text}%
25786 \fi
25787 {\par\noindent\begin{tikzpicture}[remember picture]%
25788 \draw node[inlinenotestyle] {};\end{tikzpicture}\par}%
25789 \else%
25790 {\par\noindent\begin{tikzpicture}[remember picture]%
25791 \if@bidi@todonotes@textdirection@RTL\setRTL\fi%
25792 \draw node[inlinenotestyle,font=\@todonotes@sizecommand,align=\@bidi@todonotes@
25793 \if@todonotes@authorgiven%
25794 {\noindent \@todonotes@sizecommand \@todonotes@author:\,\@todonotes@text
25795 \else%
25796 {\noindent \@todonotes@sizecommand \@todonotes@text}%
25797 \fi};%
25798 \end{tikzpicture}\par}%
25799 \fi}%
25800 \renewcommand{\@todonotes@drawMarginNoteWithLine}{%
25801 \begin{tikzpicture}[remember picture, overlay, baseline=-0.75ex]%
25802 \node [coordinate] (inText) {};%
25803 \end{tikzpicture}%
25804 \marginpar[{}% Draw note in left margin
25805 \@todonotes@drawMarginNote%
25806 \if@RTL\@todonotes@drawLineToRightMargin\else\@todonotes@drawLineToLeftMargin\fi%
25807 }]{% Draw note in right margin
25808 \@todonotes@drawMarginNote%
25809 \if@RTL\@todonotes@drawLineToLeftMargin\else\@todonotes@drawLineToRightMargin\fi%
25810 }%
25811 }%
25812 \renewcommand{\@todonotes@drawMarginNote}{%
25813 \if@todonotes@dviStyle%
25814 \begin{tikzpicture}[remember picture]%
25815 \draw node[notestyle] {};%
25816 \end{tikzpicture}\\%
25817 \begin{minipage}{\@todonotes@textwidth}%
25818 \if@todonotes@authorgiven%
25819 \@todonotes@sizecommand \@todonotes@author \@todonotes@text%
25820 \else%
25821 \@todonotes@sizecommand \@todonotes@text%
25822 \fi%
25823 \end{minipage}\\%
25824 \begin{tikzpicture}[remember picture]%
25825 \draw node[notestyle] (inNote) {};%
25826 \end{tikzpicture}%

```



```

25827 \else%
25828   \let\originalHbadness\hbadness%
25829   \hbadness 100000%
25830   \begin{tikzpicture}[remember picture,baseline=(X.base)]%
25831     \if@bidi@todonotes@textdirection@RTL\setRTL\fi%
25832     \node(X){\vphantom{X}};%
25833     \draw node[notestyle,font=\@todonotes@sizecommand,anchor=north,align=\@bidi@todonotes@align]{\@todonotes@text};%
25834     \if@todonotes@authorgiven%
25835       \draw node[notestyle,font=\@todonotes@sizecommand,anchor=north,align=\@bidi@todonotes@align]{\@todonotes@sizecommand\@todonotes@author};%
25836       \node(Y)[below=of X]{};%
25837       \draw node[notestyle,font=\@todonotes@sizecommand,anchor=north,align=\@bidi@todonotes@align]{\@todonotes@text};%
25838     \else%
25839       \draw node[notestyle,font=\@todonotes@sizecommand,anchor=north,align=\@bidi@todonotes@align]{\@todonotes@text};%
25840     \fi%
25841   \end{tikzpicture}%
25842   \hbadness \originalHbadness%
25843 \fi}%
25844 \renewcommand{\missingfigure}[2]{}%
25845 \setkeys{todonotes}{#1}%
25846 \addcontentsline{tdo}{todo}{\@todonotes@MissingFigureText: #2}%
25847 \par
25848 \noindent
25849 \begin{tikzpicture}
25850 \draw[fill=\@todonotes@currentfigcolor, draw = black!40, line width=2pt]
25851   (-2, -2.5) rectangle +(\@todonotes@currentfigwidth, \@todonotes@currentfigheight);
25852 \if@bidi@todonotes@figposition@right%
25853 \begin{scope}[xshift=\@todonotes@currentfigwidth-4cm]
25854 \fi%
25855 \draw[red, fill=white, rounded corners = 5pt, line width=10pt]
25856   (30:2cm) -- (150:2cm) -- (270:2cm) -- cycle;
25857 \if@bidi@todonotes@figposition@right%
25858 \end{scope}
25859 \begin{scope}[xshift=-3.8cm]
25860 \fi%
25861 \if@bidi@todonotes@textdirection@RTL\setRTL\fi%
25862 \draw (2, -0.3) node[right, text
25863   width=\@todonotes@currentfigwidth-4.5cm,align=\@bidi@todonotes@align] {\#2};
25864 \if@bidi@todonotes@figposition@right%
25865 \end{scope}
25866 \begin{scope}[xshift=\@todonotes@currentfigwidth-4cm]
25867 \fi%
25868 \draw (0, 0.3) node[align=\@bidi@todonotes@align] {\@bidi@todonotes@textdirection{\@todonotes@text}};
25869 \draw (0, -0.3) node[align=\@bidi@todonotes@align] {\@bidi@todonotes@textdirection{\@todonotes@text}};
25870 \if@bidi@todonotes@figposition@right%
25871 \end{scope}
25872 \fi%
25873 \end{tikzpicture}\hfill
25874 }% Ending \missingfigure command
25875 \fi % Ending \@todonotes@ifdisabled
25876 \presetkeys%

```



```

25881 {todonotes}%
25882 {align=left,%
25883 textdirection=lefttoright,%
25884 figposition=left}{}%

```

## 160 File wrapfig-xetex-bidi.def

```

25885 \ProvidesFile{wrapfig-xetex-bidi.def}[2014/04/23 v0.3 bidi adaptations for wrapfig package f
25886 \let\WF@everypar\ bidi@n@everypar
25887 \def\WF@putfigmaybef%
25888 \ifinner
25889 \vskip-\parskip \global\WF@floatfalse
25890 \let\pagetotal\maxdimen % kludge flag for "not top of page"
25891 \else % outer page
25892 \@tempdima\pagedepth % save page depth
25893 {\advance\parskip\@tempdima\if@RTL\advance\parskip\baselineskip\fi\vskip-\parskip}% back
25894 \penalty\interlinepenalty % update pg. parameters
25895 \@tempdimb\pagegoal \advance\@tempdimb-\pagetotal % room left on page
25896 \ifdim\@tempdimb<\z@ % \WF@info{Page overfull already;}%
25897 \global\WF@floatfalse
25898 \ifdim-\@tempdimb>\pageshrink \else \pagebreak \fi
25899 \else
25900 \ifdim\WF@size>\@tempdimb
25901 \ifWF@float \dimen@.5\baselineskip \else \dimen@ 2\baselineskip\fi
25902 \ifdim\pagestretch>\dimen@ \dimen@\pagestretch \fi
25903 \ifdim\pagefilstretch>\z@ \dimen@\@tempdimb \fi
25904 \ifdim\pagefillstretch>\z@ \dimen@\@tempdimb \fi
25905 \advance\dimen@.5\baselineskip
25906 \ifdim\dimen@>\@tempdimb % \WF@info{Page nearly full; can stretch;}%
25907 \global\WF@floatfalse \pagebreak
25908 \fi
25909 \else % \WF@info{Fits in \the\@tempdimb;}%
25910 \global\WF@floatfalse
25911 \fi\fi
25912 \vskip\@tempdima\relax % (return erased page depth)
25913 \fi
25914 \noindent
25915 \ifWF@float
25916 \WF@fltmes
25917 \else % putting here;
25918 \WF@info{Put \WF@wfname here;}%
25919 {\ifodd\if@twoside\c@page\else\one\fi % assign l/r to i/o placement
25920 \lccode`i`l\lccode`o`r\else \lccode`i`r\lccode`o`l\fi
25921 \xdef\WF@place{\the\lccode\lccode\WF@place}}% twice to get only l or r
25922 \hbox to\z@{% llap or rlap depending on {l} or {r}; calc effective width
25923 \@tempdima\wd\WF@box \@tempdimb\WF@ovh
25924 \advance\@tempdima-\@tempdimb \advance\@tempdima\columnsep
25925 \@tempdimb\hsize \advance\@tempdimb-\@tempdima
25926 \xdef\WF@adjlw{\the\@tempdima}%
25927 \ifnum `l=\WF@place % fig on left
25928 \if@RTL%
25929 \kern\@tempdimb \kern\columnsep
25930 \def\@tempa{\hss}% position to left of the gap
25931 \else%

```



```

25932 \hss % figure overlaps space to the left
25933 \def\@tempa{\kern\columnsep}% position to left of the gap
25934 \fi%
25935 \else % fig on right
25936 \if@RTL%
25937 \hss
25938 \@tempdima\z@
25939 \def\@tempa{\kern\columnsep}
25940 \else%
25941 \@tempdima\z@ % no left indentation
25942 \kern\@tempdimb \kern\columnsep
25943 \def\@tempa{\hss}% figure overlaps space to the right
25944 \fi%
25945 \fi
25946 \ifdim\@tempdimb<\hsize
25947 \xdef\WF@wrapil{\the\@tempdima \the\@tempdimb}% indentation and length
25948 \xdef\WF@adjtlm{\the\@tempdima}%
25949 \else
25950 \xdef\WF@wrapil{\z@ \the\hsize}%
25951 \xdef\WF@adjlw{\z@}\xdef\WF@adjtlm{\z@}%
25952 \fi
25953 \ifdim\pagetotal=\z@ % \WF@info{Put \WF@wfname at top of p.\thepage}%
25954 \global\advance\WF@size-\intextsep
25955 \else % \WF@info{Putting \WF@wfname in middle of page}%
25956 \setbox\WF@box\hbox{\lower\intextsep\box\WF@box}%
25957 \fi \dp\WF@box\z@ \box\WF@box \@tempa
25958 }% end \hbox to Opt
25959 \aftergroup\WF@startwrapping % after the \endgroup which immediately follows
25960 \fi}

```

## 161 File xcolor-xetex-bidi.def

```

25961 \ProvidesFile{xcolor-xetex-bidi.def}[2022/06/13 v0.3 bidi adaptations for xcolor package for
25962 \long\def\color@b@x#1#2#3%
25963 {\leavevmode\ifmmode\else\if@RTL\beginL\fi\fi
25964 \setbox\z@\hbox{\kern\fbboxsep{\set@color\if@RTL\beginR\fi#3\if@RTL\endR\fi}\kern\fbboxsep}%
25965 \dimen@ht\z@\advance\dimen@\fbboxsep\ht\z@\dimen@
25966 \dimen@dp\z@\advance\dimen@\fbboxsep\dp\z@\dimen@
25967 {#1{#2\color@block{\wd\z@}{\ht\z@}{\dp\z@}\box\z@}}\ifmmode\else\if@RTL\endL\fi\fi}
25968 \protected\def\normalcolor{\let\current@color\default@color\ifhmode\if@RTL\beginL\aftergroup
25969 \DeclareRobustCommand\color
25970 {\ifhmode\if@RTL\beginL\aftergroup\endR\fi\fi\@ifnextchar[\@undeclaredcolor\@declaredcolor]}
25971 \def\@undeclaredcolor[#1]#2%
25972 {\begingroup
25973 \let\@@cls\@empty
25974 \XC@getmodclr12{#1}{#2}{}%
25975 {\ifblendcolors
25976 \ifx\colorblend\@empty\else
25977 \edef\@@mix{\expandafter\@gobble\colorblend}\@tempswafalse
25978 \XC@coremodel\@mod\@@clr\xcolor@{ }\@mod\@@clr
25979 \fi
25980 \fi
25981 \ifconvertcolorsU
25982 \edef\@@tmp{\XC@tgt@mod{\@mod}}%

```



```

25983     \convertcolorspec\@mod\@clr\@tmp\@clr \let\@mod\@tmp
25984 \fi
25985 \ifmaskcolors
25986     \convertcolorspec\@mod\@clr\XC@mmod\@clr
25987     \let\@mod\XC@mmod
25988     \XC@inflate\@mod\XC@mclr\@clr\@tmp
25989     \expandafter\XC@mul\@tmp,\@clr
25990 \fi
25991 \edef\@tmp{\noexpand\XC@undeclaredcolor{\@mod}{\@clr}}%
25992 \expandafter\endgroup\@tmp}}
25993 \def\@declaredcolor#1%
25994 {\XC@edef\XC@tmp{#1}\XC@tstfalse
25995 \ifcase\XC@type\XC@tmp\relax \XC@tsttrue\or \relax\else
25996 \ifblendcolors\XC@tsttrue\fi \ifmaskcolors\XC@tsttrue\fi
25997 \ifconvertcolorsU\XC@tsttrue\fi
25998 \fi
25999 \ifXC@tst
26000     \expandafter\XC@declaredcolor\else
26001     \expandafter\XC@declaredcolor\fi}
26002 \def\XC@undeclaredcolor#1#2%
26003 {\@ifundefinedmodel{#1}%
26004 {\c@color@error{model `#1'}}%
26005 {\@nameuse{color@#1}\current@color{#2}}%
26006 \edef\XC@current@color{\noexpand\xcolor@}{\current@color}{#1}{#2}}%
26007 \XC@display\ifhmode\ifRTL\beginR\aftergroup\endL\fi\fi\ignorespaces}
26008 \def\XC@declaredcolor
26009 {\XC@let\Nc\XC@current@color{\string\color@\XC@tmp}%
26010 \edef\current@color{\XC@current@color}%
26011 \XC@display\ifhmode\ifRTL\beginR\aftergroup\endL\fi\fi\ignorespaces}
26012 \DeclareRobustCommand\bidicolor
26013 {\@ifnextchar[\@bidiundeclaredcolor\@bidideclaredcolor}
26014 \def\@bidiundeclaredcolor[#1]#2%
26015 {\begingroup
26016 \let\@cls\@empty
26017 \XC@getmodclr12{#1}{#2}{}%
26018 {\ifblendcolors
26019 \ifx\colorblend\@empty\else
26020 \edef\@mix{\expandafter\@gobble\colorblend}\@tempwafalse
26021 \XC@coremodel\@mod\@clr\xcolor@}{\@mod\@clr
26022 \fi
26023 \fi
26024 \ifconvertcolorsU
26025 \edef\@tmp{\XC@tgtmod{\@mod}}%
26026 \convertcolorspec\@mod\@clr\@tmp\@clr \let\@mod\@tmp
26027 \fi
26028 \ifmaskcolors
26029 \convertcolorspec\@mod\@clr\XC@mmod\@clr
26030 \let\@mod\XC@mmod
26031 \XC@inflate\@mod\XC@mclr\@clr\@tmp
26032 \expandafter\XC@mul\@tmp,\@clr
26033 \fi
26034 \edef\@tmp{\noexpand\XC@bidiundeclaredcolor{\@mod}{\@clr}}%
26035 \expandafter\endgroup\@tmp}}
26036 \def\XC@bidiundeclaredcolor#1#2%

```



```

26037 {\@ifundefinedmodel{#1}%
26038   {\c@lor@error{model `#1'}}}%
26039   {\@nameuse{color@#1}\current@color{#2}%
26040     \edef\XC@current@color{\noexpand\xcolor@{}{\current@color}{#1}{#2}}%
26041     \XC@display}}
26042 \def\@bidideclaredcolor#1%
26043   {\XC@edef\XC@@tmp{#1}\XC@@tstfalse
26044   \ifcase\XC@type\XC@@tmp\relax \XC@@tsttrue\or \relax\else
26045     \ifblendcolors\XC@@tsttrue\fi \ifmaskcolors\XC@@tsttrue\fi
26046     \ifconvertcolorsU\XC@@tsttrue\fi
26047   \fi
26048   \ifXC@@tst
26049     \expandafter\XC@bidideclaredcolor\else
26050     \expandafter\XC@bidideclaredc@lor\fi}
26051 \def\XC@bidideclaredcolor
26052   {\XC@split\XC@@tmp
26053   \edef\@tmp{\noexpand\@bidiundeclaredcolor[\@mod]{\@clr}}%
26054   \expandafter\endgroup\@tmp}
26055 \def\XC@bidideclaredc@lor
26056   {\XC@let\Nc\XC@current@color{\string\color@\XC@@tmp}%
26057   \edef\current@color{\XC@current@color}%
26058   \XC@display}
26059 \def\color@box#1#2{\color@b@x\relax{\bidicolor#1{#2}}}
26060 \def\color@fbbox#1#2#3{\protect\color@fb@x{#1}{#2}{#3}}
26061 \def\color@fb@x#1#2#3#4%
26062   {\color@b@x{\fbboxsep\z@\bidicolor#1{#2}\XC@fbbox}%
26063   {\@ifxempty{#3}{\bidicolor#1}{\bidicolor#3}{#4}}}
26064 \def\color@setgroup{\begingroup\ifhmode\if@RTL\beginL\aftergroup\endR\fi\fi\set@color\ifhmode

```

## 162 File latex-xetex-bidi.def

```

26065 \ProvidesFile{latex-xetex-bidi.def}[2022/07/04 v1.4.9 bidi adaptations for `latex.ltx' for
26066 \newcommand{\TeXXeTOn}{\TeXXeTstate\@ne}
26067 \newcommand{\TeXXeTOff}{\TeXXeTstate\z@}
26068 \TeXXeTOn
26069 \def\bidi@RTL@everypar{\setbox\z@lastbox\if@RTL\beginR\else\beginL\fi\ifvoid\z@\else\usebox
26070   \let\bidi@o@everypar=\everypar
26071   \newtoks\bidi@n@everypar
26072   \bidi@n@everypar\expandafter{\the\bidi@o@everypar}
26073   \bidi@o@everypar{\bidi@RTL@everypar\the\bidi@n@everypar}
26074   \let\everypar=\bidi@n@everypar
26075 \def\moreLRE{\bracetext \aftergroup\endL \beginL\@RTLfalse}
26076 \def\moreRLE{\bracetext \aftergroup\endR \beginR\@RTLtrue}
26077 \protected\def\hboxR{\hbox\bgroup
26078   \everyhbox{%
26079     \aftergroup\egroup
26080     \everyhbox{}%
26081     \beginR
26082     \@hboxRconstructtrue
26083     \bgroup
26084     \aftergroup\endR
26085     \aftergroup\egroup
26086   }\hbox}
26087 \protected\def\hboxL{\hbox\bgroup

```



```

26088 \everyhbox{%
26089 \aftergroup\egroup
26090 \everyhbox{}}%
26091 \beginL
26092 \@hboxRconstructfalse
26093 \bgroup
26094 \aftergroup\endL
26095 \aftergroup\egroup
26096 }\hbox}
26097 \protected\def\vboxR{\vbox\bgroup
26098 \everyvbox{%
26099 \aftergroup\egroup
26100 \everyvbox{}}%
26101 \@RTLtrue
26102 \@RTLtabtrue
26103 \bgroup
26104 \aftergroup\egroup
26105 }\vbox}
26106 \protected\def\vboxL{\vbox\bgroup
26107 \everyvbox{%
26108 \aftergroup\egroup
26109 \everyvbox{}}%
26110 \@RTLfalse
26111 \@RTLtabfalse
26112 \bgroup
26113 \aftergroup\egroup
26114 }\vbox}
26115 \newcommand*{\bidi@leftskip}{\if@RTL\righskip\else\leftskip\fi}
26116 \newcommand*{\bidi@rightskip}{\if@RTL\leftskip\else\righskip\fi}
26117 \def\LTR{\par\@RTLfalse\@RTL@footnotefalse\@RTLtabfalse\hsize\linewidth\parshape\z@\bidi@beamer}
26118 \def\endLTR{\par}
26119 \newenvironment{LTR*}{\LTR
26120 \everypar{%
26121 {\setbox\z@\lastbox
26122 \ifvoid\z@
26123 \kern-\parindent
26124 \fi}%
26125 }%
26126 }{\endLTR\@endpetrue}
26127 \def\RTL{\par\@RTLtrue\@RTL@footnotetrue\@RTLtabtrue\hsize\linewidth\parshape\z@\bidi@beamer}
26128 \def\endRTL{\par}
26129 \newenvironment{RTL*}{\RTL
26130 \everypar{%
26131 {\setbox\z@\lastbox
26132 \ifvoid\z@
26133 \kern-\parindent
26134 \fi}%
26135 }%
26136 }{\endRTL\@endpetrue}
26137 \def\setRTL{\@RTLtrue\@RTL@footnotetrue\@RTLtabtrue\bidi@beamer@ragged}
26138 \def\setLTR{\@RTLfalse\@RTL@footnotefalse\@RTLtabfalse\bidi@beamer@ragged}
26139 \let\unsetRTL=\setRTL
26140 \let\unsetLTR=\setRTL
26141 \let\LR=\LRE

```



```

26142 \let\RL=\RLE
26143 \def\@ensure@RTL#1{\if@RTL#1\else\RLE{#1}\fi}
26144 \def\@ensure@LTR#1{\if@RTL\LRE{#1}\else#1\fi}
26145 \let\@ensure@RL=\@ensure@RTL
26146 \let\@ensure@LR=\@ensure@LTR
26147 \def\@ensure@dir#1{\if@RTL\RLE{#1}\else{#1}\fi}
26148 \let\@ensure@maindir=\@ensure@dir
26149 \def\@RTL{RTL}
26150 \def\@LTR{LTR}
26151 \def\save@dir{\if@RTL\gdef\save@@dir{RTL}\else\gdef\save@@dir{LTR}\fi}
26152 \def\reset@dir{\ifx\save@@dir\@RTL\setRTL\else\ifx\save@@dir\@LTR\setLTR\else\relax\fi}
26153 \let\@TeX\TeX
26154 \def\TeX{\@ensure@LTR{\@TeX}}
26155 \let\@LaTeX\LaTeX
26156 \def\LaTeX{\@ensure@LTR{\@LaTeX}}
26157 \let\@LaTeXe\LaTeXe
26158 \def\LaTeXe{\@ensure@LTR{\@LaTeXe}}
26159 \long\def\@bidi@reflect@box#1{%
26160   \leavevmode
26161   \setbox\z@\hbox{#1}%
26162   \setbox\tw@\hbox{\special{x:gsave}\special{x:scale -1 1}\rlap{\copy\z@}\special{x:grestore}}
26163   \hbxt@wd\z@\kernwd\z@\box\tw@\hss}%
26164 }
26165 \bidi@newrobustcmd*\@XeTeX{\LR{\leavevmode$\smash{\hbox{X\lower.5ex
26166   \hbox{\kern-.125em\@bidi@reflect@box{E}}\kern-.1667em \TeX}}$}}
26167 \bidi@newrobustcmd*\@XeLaTeX{\LR{\leavevmode$\smash{\hbox{X\lower.5ex
26168   \hbox{\kern-.125em\@bidi@reflect@box{E}}\kern-.1667em \LaTeX}}$}}
26169 \let\setRL=\setRTL
26170 \let\setLR=\setLTR
26171 \let\unsetRL=\setLTR
26172 \def\@bidi@tabular@RTLcases{\let\@halignto\@empty\@bidi@tabular@RTLcases}
26173 \ifpackageloaded{array}{%
26174 \def\@bidi@tabular@RTLcases{\@RTLtabtrue%
26175   \leavevmode
26176   \hbox \bgroup $\left.\col@sep\tabcolsep \let\dollarbegin\begin\group
26177   \let\dollarend\end\group
26178   \@tabarray}
26179 \def\endbidi@tabular@RTLcases{\endarray \right\rbrace$\egroup}
26180 }{%
26181 \def\@bidi@tabular@RTLcases{\@RTLtabtrue%
26182   \leavevmode \hbox \bgroup
26183   $\left.\let\@acol\@tabacol
26184   \let\@classz\@tabclassz
26185   \let\@classiv\@tabclassiv \let\\\@tabularcr\@tabarray}
26186
26187 \def\endbidi@tabular@RTLcases{\crr\egroup\if@RTLtab\egroup\endR\egroup\fi
26188   \egroup\right\rbrace $\egroup}}
26189 \def\RTLcases#1{\left.\vcenter{\normalbaselines\m@th
26190   \ialign{##\hfil$\quad{##}\hfil\crr#1\crr}}\,\right\}}
26191 \renewenvironment{RTLcases}{%
26192   \bidi@matrix@check\RTLcases\env@RTLcases
26193 }{%
26194   \endbidi@tabular@RTLcases%
26195 }

```



```

26196 \def\env@RTLcases{%
26197   \let\@ifnextchar\@ifnextchar
26198   \def\arraystretch{1.2}%
26199   \bidi@tabular@RTLcases{@{}r@{\quad}r@{}}%
26200 }
26201 \def\SepMark#1{\gdef\@SepMark{#1}}
26202 \SepMark{.}
26203 \def\@thmcountersep{\@SepMark}
26204 \def\setRTLbibitems{\@RTLbibitemstrue\@LTRbibitemsfalse}
26205 \def\setLTRbibitems{\@LTRbibitemstrue\@RTLbibitemsfalse}
26206 \def\setdefaultbibitems{\@RTLbibitemsfalse\@LTRbibitemsfalse}
26207 \newcommand*{\bidi@thebibliography@font@hook}{}
26208 \def\list#1#2{%
26209   \ifnum \@listdepth >5\relax
26210     \@toodeep
26211   \else
26212     \global\advance\@listdepth\@ne
26213   \fi
26214   \rightmargin\z@
26215   \listparindent\z@
26216   \itemindent\z@
26217   \csname @list\romannumeral\the\@listdepth\endcsname
26218   \def\@itemlabel{#1}%
26219   \let\makelabel\@mklab
26220   \@nmbbrlistfalse
26221   #2\relax
26222   \@trivlist
26223   \parskip\parsep
26224   \parindent\listparindent
26225   \advance\linewidth -\rightmargin
26226   \advance\linewidth -\leftmargin
26227   \if@bidi@list@minipage@parbox
26228     \if@RTL
26229       \advance\@totalleftmargin \leftmargin
26230     \else
26231       \advance\@totalleftmargin \rightmargin
26232     \fi
26233   \else
26234     \if@hboxRconstruct
26235       \if@bidi@list@minipage@parbox@not@nob
26236       \if@RTL
26237         \advance\@totalleftmargin \rightmargin
26238       \else
26239         \advance\@totalleftmargin \leftmargin
26240       \fi
26241     \else
26242       \if@RTL
26243         \advance\@totalleftmargin \leftmargin
26244       \else
26245         \advance\@totalleftmargin \rightmargin
26246       \fi\fi
26247     \else
26248       \if@RTL
26249         \advance\@totalleftmargin \rightmargin

```



```

26250 \else
26251 \advance\@totalleftmargin \leftmargin
26252 \fi\fi\fi
26253 \parshape \@ne \@totalleftmargin \linewidth
26254 \ignorespaces}
26255 \long\def\@iiiparbox#1#2[#3]#4#5{%
26256 \leavevmode
26257 \@pboxswfalse
26258 \if@hboxRconstruct
26259 \@bidi@list@minipage@parbox@not@nobtrue
26260 \fi
26261 \if@RTL
26262 \ifx#1t%
26263 \@bidi@list@minipage@parboxtrue
26264 \else
26265 \ifx#1b%
26266 \@bidi@list@minipage@parboxtrue
26267 \fi
26268 \fi
26269 \fi
26270 \setlength\@tempdima{#4}%
26271 \@begin@tempboxa\vbox{\hsize\@tempdima\@parboxrestore#5\@par}%
26272 \ifx\relax#2\else
26273 \setlength\@tempdimb{#2}%
26274 \edef\@parboxto{to\the\@tempdimb}%
26275 \fi
26276 \if#1b\vbox
26277 \else\if #1t\vtop
26278 \else\ifmmode\vcenter
26279 \else\@pboxswtrue $\vcenter
26280 \fi\fi\fi
26281 \@parboxto{\let\hss\vss\let\unhbox\unvbox
26282 \csname bm@#3\endcsname}%
26283 \if@pboxsw \m@th$\fi
26284 \@end@tempboxa}
26285 \newenvironment{LTRitems}
26286 {\par\@RTLfalse\@RTLtabfalse\@bidi@beamer@ragged
26287 \if@bidi@list@minipage@parbox
26288 \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth
26289 \else \if@hboxRconstruct\if@bidi@list@minipage@parbox@not@nob
26290 \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\else
26291 \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\fi
26292 \else \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\fi
26293 \ignorespaces}{\vskip\z@}
26294 \newenvironment{RTLitems}
26295 {\par\@RTLtrue\@RTLtabtrue\@bidi@beamer@ragged
26296 \if@bidi@list@minipage@parbox
26297 \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth
26298 \else \if@hboxRconstruct\if@bidi@list@minipage@parbox@not@nob
26299 \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\else
26300 \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\fi
26301 \else \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\fi
26302 \ignorespaces}{\vskip\z@}
26303 \newenvironment{LTRbibitems}

```



```

26304         {\par\@RTLfalse\@RTLtabfalse\@bidi@beamer@ragged
26305         \if@bidi@list@minipage@parbox
26306         \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth
26307         \else \if@hboxRconstruct\if@bidi@list@minipage@parbox@not@nob
26308         \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\else
26309         \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\fi
26310         \else \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\fi
26311         \ignorespaces}{\vskip\z@}
26312 \newenvironment{RTLbibitems}
26313         {\par\@RTLtrue\@RTLtabtrue\@bidi@beamer@ragged
26314         \if@bidi@list@minipage@parbox
26315         \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth
26316         \else \if@hboxRconstruct\if@bidi@list@minipage@parbox@not@nob
26317         \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\else
26318         \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\fi
26319         \else \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\fi
26320         \ignorespaces}{\vskip\z@}
26321 \def\raggedright{%
26322   \let\\\@centercr\@rightskip\@flushglue \rightskip\@rightskip
26323   \leftskip\z@skip
26324   \parindent\z@\parfillskip\z@skip}
26325 \let\@bidi@orig@raggedleft\raggedleft
26326 \let\@bidi@orig@raggedright\raggedright
26327 \renewcommand\raggedleft{\if@bidi@list@minipage@parbox\@bidi@orig@raggedright\else\if@hboxRco
26328 \renewcommand\raggedright{\if@bidi@list@minipage@parbox\@bidi@orig@raggedleft\else\if@hboxRco
26329 \newcommand{\@bidi@raggedright}{\if@RTL\raggedleft\else\raggedright\fi}
26330 \newcommand{\@bidi@raggedleft}{\if@RTL\raggedright\else\raggedleft\fi}
26331 \def\centerline#1{%
26332 \if@RTL\@@line{\hss\beginR#1\endR\hss}
26333 \else\@@line{\hss#1\hss}\fi}
26334 \def\leftline#1{%
26335 \if@RTL\@@line{\beginR#1\endR\hss}
26336 \else\@@line{#1\hss}\fi}
26337 \def\rightline#1{%
26338 \if@RTL\@@line{\hss\beginR#1\endR}
26339 \else\@@line{\hss#1}\fi}
26340 \let\@bidi@orig@leftline\leftline
26341 \let\@bidi@orig@rightline\rightline
26342 \def\leftline#1{\ifhmode\if@RTL\@bidi@orig@rightline{#1}\else\@bidi@orig@leftline{#1}\fi\else\
26343 \def\rightline#1{\ifhmode\if@RTL\@bidi@orig@leftline{#1}\else\@bidi@orig@rightline{#1}\fi\else\
26344 \def\bidirlap#1{\hb@xt@\z@{\if@RTL\hss\fi#1\if@RTL\else\hss\fi}}
26345 \def\bidillap#1{\hb@xt@\z@{\if@RTL\else\hss\fi#1\if@RTL\hss\fi}}
26346 \def\@hangfrom#1{\setbox\@tempboxa\hbox{#1}}%
26347   \hangindent \if@RTL-\else\fi\wd\@tempboxa\noindent\box\@tempboxa}
26348 \def\narrower{%
26349   \advance\if@RTL\rightskip\else\leftskip\fi\parindent
26350   \advance\if@RTL\leftskip\else\rightskip\fi\parindent}
26351 \def\underline#1{%
26352   \relax
26353   \ifmmode\@underline{#1}%
26354   \else
26355 \if@RTL $\@underline{\hbox{\beginR#1\endR}}\m@th$\relax
26356 \else
26357 $\@underline{\hbox{#1}}\m@th$\relax\fi\fi}

```



```

26358 \if@compatibility
26359   \let\undertext=\underline
26360 \fi
26361 \def\@tabular{%
26362   \leavevmode \hbox \bgroup \if@RTLtab\beginR \fi
26363   $\let\@acol\@tabacol
26364   \let\@classz\@tabclassz
26365   \let\@classiv\@tabclassiv \let\\\@tabularcr\@tabarray}
26366 \def\endtabular{\crr\egroup\if@RTLtab\egroup\endR\egroup\fi
26367   \egroup $\if@RTLtab\endR\fi\egroup}
26368 \expandafter \let \csname endtabular*\endcsname = \endtabular
26369 \def\@array[#1]#2{%
26370   \if #1t\top \else \if#1b\vbox \else \vcenter \fi\fi
26371   \bgroup
26372   \setbox\@arstrutbox\hbox{%
26373     \vrule \@height\arraystretch\ht\strutbox
26374     \@depth\arraystretch \dp\strutbox
26375     \@width\z@}%
26376   \mkpream{#2}%
26377   \edef\@preamble{%
26378     \ialign \noexpand\@halignto
26379       \bgroup \@arstrut \@preamble \tabskip\z@skip \cr}%
26380   \let\@startpbox\@startpbox \let\@endpbox\@endpbox
26381   \let\tabularnewline\\
26382   \let\par\@empty
26383   \let\@sharp##
26384   \set@typeset@protect
26385   \lineskip\z@skip\baselineskip\z@skip
26386   \ifhmode \@preamerr\z@ \@par\fi
26387   \if@RTLtab\hbox\bgroup\beginR\@hboxRconstructtrue\if #1t\top \else \vbox \fi\bgroup\fi
26388   \@preamble}
26389 \def\array{\let\@acol\@arrayacol \let\@classz\@arrayclassz
26390   \let\@classiv\@arrayclassiv
26391   \let\\\@arraycr\let\@halignto\@empty\@RTLtabfalse\@tabarray}
26392 \def\@testpach#1{\@chclass \ifnum \@lastchclass=\tw@ 4 \else
26393   \ifnum \@lastchclass=3 5 \else
26394     \z@ \if #1c\@chnum \z@ \else
26395       \if \if@RTLtab#1r\else#1l\fi\@chnum \@ne \else
26396       \if \if@RTLtab#1l\else#1r\fi\@chnum \tw@ \else
26397       \@chclass \if #1|\@ne \else
26398       \if #1@\tw@ \else
26399       \if #1p3 \else \z@ \@preamerr 0\fi
26400   \fi \fi \fi \fi \fi \fi
26401 \fi}
26402 \def\bm@l{\if@RTL\hss\unhbox\@tempboxa\else\unhbox\@tempboxa\hss\fi}
26403 \def\bm@r{\if@RTL\unhbox\@tempboxa\hss\else\hss\unhbox\@tempboxa\fi}
26404 \def\bm@t{\unhbox\@tempboxa\hss}
26405 \def\bm@b{\hss\unhbox\@tempboxa}
26406 \def\@dottedtocline#1#2#3#4#5{%
26407   \ifnum #1>\c@tocdepth \else
26408     \vskip \z@ \@plus.2\p@
26409     {\if@RTL\righskip\else\leftskip\fi #2\relax \if@RTL\leftskip\else\righskip\fi \@tocrm
26410     \parindent #2\relax\@afterindenttrue
26411     \interlinepenalty\@M

```



```

26412 \leavevmode
26413 \@tempdima #3\relax
26414 \advance\if@RTL\rightright\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightright
26415 {#4}\nobreak
26416 \leaders\hbox{$\m@th
26417 \mkern \@dotsep mu\hbox{.}\mkern \@dotsep
26418 mu$}\hfill
26419 \nobreak
26420 \hb@xt@\@pnumwidth{\hfil\normalfont \normalcolor #5}}%
26421 \par}%
26422 \fi}
26423
26424 \newcount\ bidi@column@check@number
26425
26426 \def\ bidi@column@status#1{\gdef\ bidi@current@column@status{#1}}
26427
26428 \def\ bidi@set@column@status#1#2{%
26429 \global\expandafter\let\csname #1\endcsname\ bidi@current@column@status}
26430
26431 \if@twocolumn
26432 \newcommand\DetectColumn[3][1]{%
26433 \ifx\ bidi@firstcolumn@status\write\relax
26434 \PackageError{bidi}%
26435 {Option 'DetectColumn' not selected}%
26436 {\string\DetectColumn\space
26437 requires the use of the 'DetectColumn'
26438 option on the package}%
26439 \fi
26440 \global\advance\ bidi@column@check@number\@ne
26441 \edef\ bidi@column@type{\expandafter\ifx
26442 \csname bidi@column-\the\ bidi@column@check@number\endcsname\relax
26443 0\else
26444 \csname bidi@column-\the\ bidi@column@check@number\endcsname
26445 \fi}%
26446 \ifcase \ bidi@column@type\relax
26447 \ifcase #1\or #2\or#3\fi % 0 not known use first column as default
26448 \or
26449 #2% % 1 First column
26450 \or
26451 #3% % 2 Second (Last column)
26452 \else
26453 \ERROR
26454 \fi
26455 \edef\next{\write\@auxout
26456 {\string\ bidi@set@column@status{\ bidi@column-\the\ bidi@column@check@number}}%
26457 {\ bidi@column@type}}}%
26458 \next
26459 }
26460
26461 \AtEndDocument{\def\ bidi@set@column@status#1#2{%
26462 \ifnum #2=\ bidi@current@column@status\else
26463 \@tempwtrue
26464 \fi}%
26465 }

```



```

26466 \fi
26467
26468 \def\RTL@outputdblcol{%
26469   \if@firstcolumn
26470     \global\@firstcolumnfalse
26471     \global\setbox\@leftcolumn\copy\@outputbox
26472     \splitmaxdepth\maxdimen
26473     \vbadness\maxdimen
26474     \setbox\@outputbox\vbox{\unvbox\@outputbox\unskip}%
26475     \setbox\@outputbox\vsplit\@outputbox to\maxdimen
26476     \toks@\expandafter{\topmark}%
26477     \xdef\@firstcoltopmark{\the\toks@}%
26478     \toks@\expandafter{\splitfirstmark}%
26479     \xdef\@firstcolfirstmark{\the\toks@}%
26480     \ifx\@firstcolfirstmark\@empty
26481       \global\let\setmarks\relax
26482     \else
26483       \gdef\setmarks{%
26484         \let\firstmark\@firstcolfirstmark
26485         \let\topmark\@firstcoltopmark}%
26486     \fi
26487   \else
26488     \global\@firstcolumntrue
26489     \setbox\@outputbox\vbox{%
26490       \hb@xt@\textwidth{%
26491         \hskip \columnwidth
26492         \hfil
26493         {\normalcolor\vrule \@width\columnseprule}%
26494         \hfil
26495         \hb@xt@\columnwidth{%
26496           \bidi@firstcolumn@status@write%
26497           \box\@leftcolumn \hss}%
26498         \hskip -\textwidth
26499         \hb@xt@\columnwidth{%
26500           \bidi@lastcolumn@status@write%
26501           \box\@outputbox \hss}%
26502         \hskip \columnsep
26503         \hskip \columnwidth }}%
26504     \@combinedblfloats
26505     \setmarks
26506     \outputpage
26507     \begingroup
26508       \dblfloatplacement
26509       \startdblcolumn
26510       \@whilesw\if@colmade \fi{\@outputpage
26511         \startdblcolumn}%
26512     \endgroup
26513   \fi}%
26514
26515 \def\LTR@outputdblcol{%
26516   \if@firstcolumn
26517     \global\@firstcolumnfalse
26518     \global\setbox\@leftcolumn\copy\@outputbox
26519     \splitmaxdepth\maxdimen

```



```

26520 \vbadness\maxdimen
26521 \setbox\@outputbox\vbox{\unvbox\@outputbox\unskip}%
26522 \setbox\@outputbox\vsplit\@outputbox to\maxdimen
26523 \toks@\expandafter{\topmark}%
26524 \xdef\@firstcoltopmark{\the\toks@}%
26525 \toks@\expandafter{\splitfirstmark}%
26526 \xdef\@firstcolfirstmark{\the\toks@}%
26527 \ifx\@firstcolfirstmark\empty
26528 \global\let\@setmarks\relax
26529 \else
26530 \gdef\@setmarks{%
26531 \let\firstmark\@firstcolfirstmark
26532 \let\topmark\@firstcoltopmark}%
26533 \fi
26534 \else
26535 \global\@firstcolumntrue
26536 \setbox\@outputbox\vbox{%
26537 \hb@xt@\textwidth{%
26538 \hb@xt@\columnwidth{%
26539 \bidi@firstcolumn@status@write%
26540 \box\@leftcolumn \hss}%
26541 \hfil
26542 {\normalcolor\vrule \@width\columnseprule}%
26543 \hfil
26544 \hb@xt@\columnwidth{%
26545 \bidi@lastcolumn@status@write%
26546 \box\@outputbox \hss}}}%
26547 \@combinedblfloats
26548 \@setmarks
26549 \@outputpage
26550 \begingroup
26551 \@dblfloatplacement
26552 \@startdblcolumn
26553 \@whilesw@if@fcolmade \fi{\@outputpage
26554 \@startdblcolumn}%
26555 \endgroup
26556 \fi}%
26557
26558
26559 \renewcommand{\@outputdblcol}{\if@RTLmain\RTL@outputdblcol\else\LTR@outputdblcol\fi}
26560 \newcommand{\RTLdblcol}{\renewcommand{\@outputdblcol}{\RTL@outputdblcol}}
26561 \newcommand{\LTRdblcol}{\renewcommand{\@outputdblcol}{\LTR@outputdblcol}}
26562
26563 \bidi@patchcmd\@makecol{%
26564 \ifvoid\footins
26565 \setbox\@outputbox \box\@cclv
26566 \else
26567 \setbox\@outputbox \vbox {%
26568 \boxmaxdepth \@maxdepth
26569 \unvbox \@cclv
26570 \vskip \skip\footins
26571 \color@begingroup
26572 \normalcolor
26573 \footnoterule

```



```

26574         \unvbox \footins
26575         \color@endgroup
26576     }%
26577 \fi
26578 }{%
26579 \ifvoid\footins
26580     \ifvoid\@bidi@copyins@
26581         \setbox\@outputbox \box\@cclv
26582     \else
26583         \setbox\@outputbox \vbox {%
26584             \boxmaxdepth \@maxdepth
26585             \unvbox \@cclv
26586             \vskip \skip\@bidi@copyins@
26587             \color@begingroup
26588                 \normalcolor
26589                 \unvbox \@bidi@copyins@
26590             \color@endgroup
26591         }%
26592     \fi
26593 \else
26594     \setbox\@outputbox \vbox {%
26595         \boxmaxdepth \@maxdepth
26596         \unvbox \@cclv
26597         \vskip \skip\footins
26598         \color@begingroup
26599             \normalcolor
26600             \footnoterule
26601             \unvbox \footins
26602         \color@endgroup
26603     \ifvoid\@bidi@copyins@
26604     \else
26605         \vskip \skip\@bidi@copyins@
26606         \color@begingroup
26607             \normalcolor
26608             \unvbox \@bidi@copyins@
26609         \color@endgroup
26610     \fi
26611 }%
26612 \fi
26613 }{}{}
26614
26615 \def\LTRmarginpar{%
26616     \ifhmode
26617         \@bsphack
26618         \@floatpenalty -\@Mii
26619     \else
26620         \@floatpenalty -\@Miii
26621     \fi
26622 \ifinner
26623     \@parmoderr
26624     \@floatpenalty\z@
26625 \else
26626     \@next\@currbox\@freelist{}{}%
26627     \@next\@marbox\@freelist{\global\count\@marbox\m@ne}%

```



```

26628      {\@floatpenalty\z@
26629      \@fltovf\def\@currbox{\@tempboxa}\def\@marbox{\@tempboxa}}}%
26630    \fi
26631    \@ifnextchar [\@LTRxmpar\@LTRympar}
26632 \long\def\@LTRxmpar[#1]#2{%
26633   \@LTRsavemarbox\@marbox{#1}%
26634   \@LTRsavemarbox\@currbox{#2}%
26635   \@xympar}
26636 \long\def\@LTRympar#1{%
26637   \@LTRsavemarbox\@marbox{#1}%
26638   \global\setbox\@currbox\copy\@marbox
26639   \@xympar}
26640 \long\def \@LTRsavemarbox #1#2{%
26641   \global\setbox #1%
26642     \color@vbox
26643     \vtop{%
26644       \hsize\marginparwidth
26645       \@parboxrestore
26646       \@LTRmarginparreset
26647       #2%
26648       \@minipagefalse
26649       \outer@nobreak
26650     }%
26651   \color@endbox
26652 }
26653 \def \@LTRmarginparreset {%
26654   \reset@font
26655   \normalsize
26656   \@minipagetrue
26657   \everypar{\@minipagefalse\everypar{}\beginL}%
26658 }
26659 \def\RTLmarginpar{%
26660   \ifhmode
26661     \@bsphack
26662     \@floatpenalty -\@Mii
26663   \else
26664     \@floatpenalty-\@Miii
26665   \fi
26666   \ifinner
26667     \@parmoderr
26668     \@floatpenalty\z@
26669   \else
26670     \@next\@currbox\@freelist{}\{}%
26671     \@next\@marbox\@freelist{\global\count\@marbox\m@ne}%
26672     {\@floatpenalty\z@
26673     \@fltovf\def\@currbox{\@tempboxa}\def\@marbox{\@tempboxa}}}%
26674   \fi
26675   \@ifnextchar [\@RTLxmpar\@RTLympar}
26676 \long\def\@RTLxmpar[#1]#2{%
26677   \@RTLSavemarbox\@marbox{#1}%
26678   \@RTLSavemarbox\@currbox{#2}%
26679   \@xympar}
26680 \long\def\@RTLympar#1{%
26681   \@RTLSavemarbox\@marbox{#1}%

```



```

26682 \global\setbox\@currbox\copy\@marbox
26683 \@xympar}
26684 \long\def \@RTLsavemarbox #1#2{%
26685 \global\setbox #1%
26686 \color@vbox
26687 \vtop{%
26688 \hsize\marginparwidth
26689 \@parboxrestore
26690 \@RTLmarginparreset
26691 #2%
26692 \@minipagefalse
26693 \outer@nobreak
26694 }%
26695 \color@endbox
26696 }
26697 \def \@RTLmarginparreset {%
26698 \reset@font
26699 \normalsize
26700 \@minipagetrue
26701 \everypar{\@minipagefalse\everypar{}\beginR}%
26702 }
26703 \def \@addmarginpar{\@next\@marbox\@currlist{\@cons\@freelist\@marbox
26704 \@cons\@freelist\@currbox}\@latexbug\@tempcnta\@ne
26705 \if@twocolumn
26706 \if@firstcolumn \@tempcnta\m@ne \fi
26707 \else
26708 \if@mparswitch
26709 \ifodd\c@page \else\@tempcnta\m@ne \fi
26710 \fi
26711 \if@reversemargin \@tempcnta -\@tempcnta \fi
26712 \fi
26713 \ifnum\@tempcnta <\z@ \global\setbox\@marbox\box\@currbox \fi
26714 \@tempdima\@mparbottom
26715 \advance\@tempdima -\@pageht
26716 \advance\@tempdima\ht\@marbox
26717 \ifdim\@tempdima >\z@
26718 \latex@warning@no@line {Marginpar on page \thepage\space moved}%
26719 \else
26720 \@tempdima\z@
26721 \fi
26722 \global\@mparbottom\@pageht
26723 \global\advance\@mparbottom\@tempdima
26724 \global\advance\@mparbottom\dp\@marbox
26725 \global\advance\@mparbottom\marginparpush
26726 \advance\@tempdima -\ht\@marbox
26727 \global\setbox \@marbox
26728 \vbox {\vskip \@tempdima
26729 \box \@marbox}%
26730 \global \ht\@marbox \z@
26731 \global \dp\@marbox \z@
26732 \kern -\@pagedp
26733 \nointerlineskip
26734 \hb@xt@\columnwidth
26735 {\if@RTL\if@LTRmarginpar\beginL\else\beginR\fi\else\if@RTLmarginpar\beginR\else\beginL

```



```

26736         \hskip\columnwidth \hskip\marginparsep
26737     \else
26738         \hskip -\marginparsep \hskip -\marginparwidth
26739     \fi
26740     \box\@marbox \hss\if@RTL\if@LTRmarginpar\endR\else\endR\fi\else\if@RTLmarginpar\endR\
26741     \nointerlineskip
26742     \hbox{\vrule \@height\z@ \@width\z@ \@depth\@pagedp}}
26743 \long\def\@ympar#1{%
26744     \@savemarbox\@marbox{\if@RTL\if@LTRmarginpar\@RTLfalse\else\@RTLtrue\fi\else\if@RTLmarginpar\endR\fi}
26745     \global\setbox\@currbox\copy\@marbox
26746     \@xympar}
26747 \def\setRTLmarginpar{\@RTLmarginpartrue\@LTRmarginparfalse}
26748 \def\setLTRmarginpar{\@LTRmarginpartrue\@RTLmarginparfalse}
26749 \def\setdefaultmarginpar{\@RTLmarginparfalse\@LTRmarginparfalse}
26750 \def\@stopline{\unskip\@stopfield\if@rjfield \global\@rjfieldfalse
26751     \@tempdima\@totalleftmargin \advance\@tempdima\linewidth
26752 \hbox to\@tempdima{\if@RTL\beginR\fi\@itemfudge\hskip\dimen\@curtabmar
26753     \box\@curline\hfil\box\@curfield\if@RTL\endR\fi}\else\@addfield
26754     \hbox to\linewidth{\if@RTL\beginR\fi\@itemfudge
26755     \hskip\dimen\@curtabmar\box\@curline\hfil\if@RTL\endR\fi}}
26756 \fi}
26757
26758 \newcommand*{\bidi@font@outputpage}{%}
26759
26760 \def\@outputpage{%
26761     \begingroup           % the \endgroup is put in by \aftergroup
26762     \let \protect \noexpand
26763     \@resetactivechars
26764     \global\let\@if@newlist\if@newlist
26765     \global\@newlistfalse
26766     \@parboxrestore
26767     \global\let\bidi@BeforeOutputPageShipOut\@firstofone
26768     \bidi@beforeoutputpageshipouthook
26769     \shipout \vbox{%
26770         \set@typeset@protect
26771         \aftergroup \endgroup
26772         \aftergroup \set@typeset@protect
26773         % correct? or just restore by ending
26774         % the group?
26775     \if@specialpage
26776         \global\@specialpagefalse\@nameuse{ps@\@specialstyle}%
26777     \fi
26778     \if@twoside
26779         \ifodd\count\z@ \let\@thehead\@oddhead \let\@thefoot\@oddfoot
26780         \if@RTLmain
26781             \let\@themargin\evensidemargin
26782         \else
26783             \let\@themargin\oddsidemargin
26784         \fi
26785     \else \let\@thehead\@evenhead \let\@thefoot\@evenfoot
26786     \if@RTLmain
26787         \let\@themargin\oddsidemargin
26788     \else
26789         \let\@themargin\evensidemargin

```



```

26790     \fi
26791 \fi
26792 \ifx\@thehead\@empty \let\@thehead\hfil \fi
26793 \ifx\@thefoot\@empty \let\@thefoot\hfil \fi
26794 \else %% not @twoside
26795 \ifx\@oddhead\@empty \let\@thehead\hfil \fi
26796 \ifx\@oddfoot\@empty \let\@thefoot\hfil \fi
26797 \fi
26798 \reset@font
26799 \normalsize
26800 \bidi@font@@outputpage
26801 \normalsfcodes
26802 \let\label\@gobble
26803 \let\index\@gobble
26804 \let\glossary\@gobble
26805 \baselineskip\z@skip \lineskip\z@skip \lineskiplimit\z@
26806 \begin@dv
26807 \vskip \topmargin
26808 \moveright\@themargin \vbox {%
26809   \global\let\bidi@BeforeHeader\@firstofone
26810   \bidi@beforeheaderhook
26811   \setbox\@tempboxa \vbox to\headheight{%
26812     \vfil
26813     \color@hbox
26814     \normalcolor
26815     \hb@xt@\textwidth{\if@RTLmain\@RTLtrue\beginR\else\@RTLfalse\beginL\fi\@thehead\if@
26816     \color@endbox
26817   }%
26818   \dp\@tempboxa \z@
26819   \box\@tempboxa
26820   \vskip \headsep
26821   \global\let\bidi@BeforeOutputBoxOutputPage\@firstofone
26822   \bidi@beforeoutputboxoutputpagehook
26823   \box\@outputbox
26824   \global\let\bidi@AfterOutputBoxOutputPage\@firstofone
26825   \bidi@afteroutputboxoutputpagehook
26826   \global\let\bidi@BeforeFooter\@firstofone
26827   \bidi@beforefooterhook
26828   \baselineskip \footskip
26829   \color@hbox
26830   \normalcolor
26831   \hb@xt@\textwidth{\if@RTLmain\@RTLtrue\beginR\else\@RTLfalse\beginL\fi\@thefoot\if@
26832   \color@endbox
26833   \global\let\bidi@AfterFooter\@firstofone
26834   \bidi@afterfooterhook
26835   }%
26836 }%
26837 \global\let\bidi@AfterOutputPageShipOut\@firstofone
26838 \bidi@afteroutputpageshipouthook
26839 \global\let\if@newlist\@if@newlist
26840 \global \colht \textheight
26841 \stepcounter{page}%
26842 \let\firstmark\botmark
26843 \global\let\bidi@AtEndOutputPage\@firstofone

```



```

26844 \bidi@atendoutputpagehook
26845 }
26846 \long\def\@makecaption#1#2{%
26847 \vskip\abovecaptionskip
26848 \sbox\@tempboxa{#1: #2}%
26849 \ifdim \wd\@tempboxa >\hsize
26850 \if@RTL\beginR\fi#1: #2\if@RTL\endR\fi\par
26851 \else
26852 \global \@minipagefalse
26853 \hb@xt@\hsize{\if@RTL\beginR\fi\hfil\box\@tempboxa\hfil\if@RTL\endR\fi}%
26854 \fi
26855 \vskip\belowcaptionskip}
26856 \let\bidi@saved@eqno=\eqno
26857 \let\bidi@saved@leqno=\leqno
26858 \def\eqno{\ifnum\predisplaydirection<\z@ \bidi@saved@leqno \else \bidi@saved@eqno \fi}
26859 \def\leqno{\ifnum\predisplaydirection<\z@ \bidi@saved@eqno \else \bidi@saved@leqno \fi}
26860 \@ifpackageloaded{amsmath}{-}{
26861 \def\@eqnnum{\normalfont \normalcolor \if@RTL\beginR\fi(\theequation)\if@RTL\endR\fi}}
26862 }
26863 \input{footnote-xetex-bidi.def}
26864 \if@twocolumn
26865 \let\autofootnoterule\relax
26866 \let\leftfootnoterule\relax
26867 \let\rightfootnoterule\relax
26868 \textwidthfootnoterule
26869 \fi
26870 \if@bidi@csundef{\@idxitem}{-}{%
26871 \renewcommand\@idxitem{\par\hangindent \if@RTL-\fi40\p@}%
26872 }
26873 \@ifpackageloaded{tocbasic}{\input{tocbasic-xetex-bidi.def}}{-}
26874 \@ifclassloaded{article}{\@ifclassloaded{svmult}}{-}{\input{article-xetex-bidi.def}}{-}
26875 \@ifclassloaded{extarticle}{\input{extarticle-xetex-bidi.def}}{-}
26876 \@ifclassloaded{artikel1}{\input{artikel1-xetex-bidi.def}}{-}
26877 \@ifclassloaded{artikel2}{\input{artikel2-xetex-bidi.def}}{-}
26878 \@ifclassloaded{artikel3}{\input{artikel3-xetex-bidi.def}}{-}
26879 \@ifclassloaded{amsart}{\input{amsart-xetex-bidi.def}}{-}
26880 \@ifclassloaded{beamer}{\input{beamer-xetex-bidi.def}}{-}
26881 \@ifclassloaded{letter}{\input{letter-xetex-bidi.def}}{-}
26882 \@ifclassloaded{extletter}{\input{extletter-xetex-bidi.def}}{-}
26883 \@ifclassloaded{memoir}{\input{memoir-xetex-bidi.def}}{-}
26884 \@ifclassloaded{refrep}{\input{refrep-xetex-bidi.def}}{-}
26885 \@ifclassloaded{extreport}{\input{extreport-xetex-bidi.def}}{-}
26886 \@ifclassloaded{report}{\@ifpackageloaded{flowfram}}{-}{\input{report-xetex-bidi.def}}{-}
26887 \@ifclassloaded{rapport1}{\input{rapport1-xetex-bidi.def}}{-}
26888 \@ifclassloaded{rapport3}{\input{rapport3-xetex-bidi.def}}{-}
26889 \@ifclassloaded{scrartcl}{\input{scrartcl-xetex-bidi.def}}{-}
26890 \@ifclassloaded{scrbook}{\input{scrbook-xetex-bidi.def}}{-}
26891 \@ifclassloaded{scrreprt}{\input{scrreprt-xetex-bidi.def}}{-}
26892 \@ifclassloaded{amsbook}{\input{amsbook-xetex-bidi.def}}{-}
26893 \@ifclassloaded{extbook}{\input{extbook-xetex-bidi.def}}{-}
26894 \@ifclassloaded{boek}{\input{boek-xetex-bidi.def}}{-}
26895 \@ifclassloaded{boek3}{\input{boek3-xetex-bidi.def}}{-}
26896 \@ifclassloaded{book}{\@ifpackageloaded{flowfram}}{-}{\input{book-xetex-bidi.def}}{-}
26897 \@ifclassloaded{bookest}{\input{bookest-xetex-bidi.def}}{-}

```



```

26898 \@ifclassloaded{combine}{\input{combine-xetex-bidi.def}}{}
26899 \@ifclassloaded{imsproc}{\input{imsproc-xetex-bidi.def}}{}
26900 \@ifpackageloaded{amsmath}{}{}
26901 \@iftagsloaded{leqno}{\input{leqno-xetex-bidi.def}}{}
26902 \@iftagsloaded{fleqn}{\input{fleqn-xetex-bidi.def}}{}
26903 }
26904 \@ifpackageloaded{mathtools}{%
26905   \RequirePackage{graphicx}%
26906   \input{mathtools-xetex-bidi.def}%
26907 }{}
26908 \@ifpackageloaded{crop}{\RequirePackage{graphicx}}{}
26909 \@ifpackageloaded{lscape}{\RequirePackage{graphicx}}{}
26910 \@ifpackageloaded{sidecap}{\RequirePackage{ragged2e}}{}
26911 \@ifpackageloaded{floatrow}{\RequirePackage{color}}{}
26912 \@ifpackageloaded{algorithm2e}{\input{algorithm2e-xetex-bidi.def}}{}
26913 \@ifpackagewith{algorithm2e}{algonl}{%
26914 \renewcommand{\theAlgoLine}{\expandafter\csname the\algocf@float\endcsname\@SepMark\arabic{A
26915 }}{}
26916 \@ifpackagewith{algorithm2e}{algotpart}{\renewcommand{\algocf@within}{part}}{}
26917 \@ifpackagewith{algorithm2e}{algotchapter}{\renewcommand{\algocf@within}{chapter}}{}
26918 \@ifpackagewith{algorithm2e}{algotsection}{\renewcommand{\algocf@within}{section}}{}
26919 \@ifpackageloaded{amsmath}{\input{amsmath-xetex-bidi.def}}{}
26920 \@ifpackageloaded{amstext}{\input{amstext-xetex-bidi.def}}{}
26921 \@ifpackageloaded{amsthm}{\input{amsthm-xetex-bidi.def}}{}
26922 \@ifpackageloaded{breqn}{\input{breqn-xetex-bidi.def}}{}
26923 \@ifpackageloaded{cals}{\input{cals-xetex-bidi.def}}{}
26924 \@ifpackageloaded{caption}{\input{caption-xetex-bidi.def}}{}
26925 \@ifpackageloaded{caption3}{\input{caption3-xetex-bidi.def}}{}
26926 \@ifpackageloaded{floatrow}{\input{floatrow-xetex-bidi.def}}{}
26927 \@ifpackageloaded{crop}{\@ifclassloaded{memoir}{}{\input{crop-xetex-bidi.def}}{}{}
26928 \@ifpackageloaded{color}{\input{color-xetex-bidi.def}}{}
26929 \@ifpackageloaded{cutwin}{\input{cutwin-xetex-bidi.def}}{}
26930 \@ifpackageloaded{cuted}{\input{cuted-xetex-bidi.def}}{}
26931 \@ifpackageloaded{xcolor}{\input{xcolor-xetex-bidi.def}}{}
26932 \@ifpackageloaded{colortbl}{\input{colortbl-xetex-bidi.def}}{}
26933 \@ifpackageloaded{float}{\@ifpackageloaded{floatrow}{}{\input{float-xetex-bidi.def}}{}{}
26934 \@ifpackageloaded{flowfram}{\input{flowfram-xetex-bidi.def}}{}
26935 \@ifpackageloaded{xltextra}{\input{xltextra-xetex-bidi.def}}{}
26936 \@ifpackageloaded{wrapfig}{\input{wrapfig-xetex-bidi.def}}{}
26937 \@ifpackageloaded{graphicx}{\input{graphicx-xetex-bidi.def}}{}
26938 \@ifpackageloaded{geometry}{\input{geometry-xetex-bidi.def}}{}
26939 \@ifpackageloaded{hvfloat}{\input{hvfloat-xetex-bidi.def}}{}
26940 \@ifpackageloaded{ntheorem}{\input{ntheorem-xetex-bidi.def}}{}
26941 \@ifpackageloaded{tabularx}{\input{tabularx-xetex-bidi.def}}{}
26942 \@ifpackageloaded{longtable}{\input{longtable-xetex-bidi.def}}{}
26943 \@ifpackageloaded{lscape}{\input{lscape-xetex-bidi.def}}{}
26944 \@ifpackageloaded{hyperref}{\input{hyperref-xetex-bidi.def}}{}
26945 \@ifpackageloaded{footnotebackref}{\input{footnotebackref-xetex-bidi.def}}{}
26946 \@ifpackageloaded{ntheorem-hyper}{\input{ntheorem-hyper-xetex-bidi.def}}{}
26947 \@ifpackageloaded{fancybox}{\input{fancybox-xetex-bidi.def}}{}
26948 \@ifpackageloaded{fancyhdr}{\input{fancyhdr-xetex-bidi.def}}{}
26949 \@ifpackageloaded{fix2col}{\input{fix2col-xetex-bidi.def}}{}
26950 \@ifpackageloaded{ftnright}{\input{ftnright-xetex-bidi.def}}{}
26951 \@ifpackageloaded{midfloat}{\input{midfloat-xetex-bidi.def}}{}

```



```

26952 \@ifpackageloaded{draftwatermark}{\input{draftwatermark-xetex-bidi.def}}{}
26953 \@ifpackageloaded{dblfnote}{\input{dblfnote-xetex-bidi.def}}{}
26954 \@ifpackageloaded{diagbox}{\input{diagbox-xetex-bidi.def}}{}
26955 \@ifpackageloaded{eso-pic}{\input{eso-pic-xetex-bidi.def}}{}
26956 \@ifpackageloaded{empheq}{\input{empheq-xetex-bidi.def}}{}
26957 \@ifpackageloaded{framed}{\input{framed-xetex-bidi.def}}{}
26958 \@ifpackageloaded{overpic}{\input{overpic-xetex-bidi.def}}{}
26959 \@ifpackageloaded{pdfbase}{\input{pdfbase-xetex-bidi.def}}{}
26960 \@ifpackageloaded{pdfscape}{\input{pdfscape-xetex-bidi.def}}{}
26961 \@ifpackageloaded{pdfpages}{\input{pdfpages-xetex-bidi.def}}{}
26962 \@ifpackageloaded{lettrine}{\input{lettrine-xetex-bidi.def}}{}
26963 \@ifpackageloaded{lineno}{\input{lineno-xetex-bidi.def}}{}
26964 \@ifpackageloaded{listings}{\input{listings-xetex-bidi.def}}{}
26965 \@ifpackageloaded{media9}{\RequirePackage{bidi-media9}}{}
26966 \@iftexfileloaded{pstricks}{\input{pstricks-xetex-bidi.def}}{}
26967 \@iftexfileloaded{pgfcorescopes.code}{\input{pgfcorescopes.code-xetex-bidi.def}}{}
26968 \@ifpackageloaded{titlesec}{\input{titlesec-xetex-bidi.def}}{}
26969 \@ifpackageloaded{titletoc}{\input{titletoc-xetex-bidi.def}}{}
26970 \@ifpackageloaded{array}{\input{array-xetex-bidi.def}}{}
26971 \@ifpackageloaded{sidecap}{\input{sidecap-xetex-bidi.def}}{}
26972 \@ifpackagewith{sidecap}{innercaption}{%
26973 \if@RTL \renewcommand*{\SC@FLOAT}[2]{%
26974 \isSC@ODD{#2}\hspace{\sidecaptionsep}{#1}} {{#1}\hspace{\sidecaptionsep}{#2}}
26975 \renewcommand*{\SC@justify@caption{%
26976 \isSC@ODD{\RaggedRight}{\RaggedLeft}}\else
26977 \renewcommand*{\SC@FLOAT}[2]{%
26978 \isSC@ODD{#1}\hspace{\sidecaptionsep}{#2}} {{#2}\hspace{\sidecaptionsep}{#1}}
26979 \renewcommand*{\SC@justify@caption{%
26980 \isSC@ODD{\RaggedLeft}{\RaggedRight}}\fi
26981 }{}
26982 \@ifpackagewith{sidecap}{rightcaption}{%
26983 \if@RTL\renewcommand*{\SC@FLOAT}[2]{{#1}\hspace{\sidecaptionsep}{#2}}
26984 \def\SC@justify@caption{\RaggedLeft}\else%
26985 \renewcommand*{\SC@FLOAT}[2]{{#2}\hspace{\sidecaptionsep}{#1}}
26986 \def\SC@justify@caption{\RaggedRight}\fi%
26987 }{}
26988 \@ifpackagewith{sidecap}{leftcaption}{%
26989 \if@RTL \renewcommand*{\SC@FLOAT}[2]{{#2}\hspace{\sidecaptionsep}{#1}}
26990 \def\SC@justify@caption{\RaggedRight}\else%
26991 \renewcommand*{\SC@FLOAT}[2]{{#1}\hspace{\sidecaptionsep}{#2}}
26992 \def\SC@justify@caption{\RaggedLeft}\fi%
26993 }{}
26994 \@ifpackageloaded{soul}{\input{soul-xetex-bidi.def}}{}
26995 \@ifpackageloaded{stabular}{\input{stabular-xetex-bidi.def}}{}
26996 \@ifpackageloaded{subfigure}{\input{subfigure-xetex-bidi.def}}{}
26997 \@ifpackageloaded{arydshln}{\input{arydshln-xetex-bidi.def}}{}
26998 \@ifpackageloaded{mdframed}{\input{mdframed-xetex-bidi.def}}{}
26999 \@ifpackageloaded{multicol}{\input{multicol-xetex-bidi.def}}{}
27000 \@ifpackageloaded{adjmulticol}{\input{adjmulticol-xetex-bidi.def}}{}
27001 \@ifpackageloaded{multienum}{\input{multienum-xetex-bidi.def}}{}
27002 \@ifpackageloaded{natbib}{\input{natbib-xetex-bidi.def}}{}
27003 \@ifpackageloaded{newfloat}{\input{newfloat-xetex-bidi.def}}{}
27004 \@ifpackageloaded{nicematrix}{\input{nicematrix-xetex-bidi.def}}{}
27005 \@ifpackageloaded{minitoc}{\input{minitoc-xetex-bidi.def}}{}

```



```

27006 \@ifpackageloaded{pgfsys}{\input{pgfsys.code-xetex-bidi.def}}{}
27007 \@ifpackageloaded{picinpar}{\input{picinpar-xetex-bidi.def}}{}
27008 \@ifpackageloaded{quotchap}{\input{quotchap-xetex-bidi.def}}{}
27009 \@ifpackageloaded{ragged2e}{\input{ragged2e-xetex-bidi.def}}{}
27010 \@ifpackageloaded{rotating}{\input{rotating-xetex-bidi.def}}{}
27011 \@ifpackageloaded{tabls}{\input{tabls-xetex-bidi.def}}{}
27012 \@ifpackageloaded{tabulary}{\input{tabulary-xetex-bidi.def}}{}
27013 \@ifpackageloaded{tcolorbox}{\input{tcolorbox-xetex-bidi.def}}{}
27014 \@ifpackageloaded{tocstyle}{\input{tocstyle-xetex-bidi.def}}{}
27015 \@ifpackageloaded{tocbibind}{\@ifclassloaded{memoir}}{\input{tocbibind-xetex-bidi.def}}{}
27016 \@ifpackageloaded{tocloft}{\@ifclassloaded{memoir}}{\input{tocloft-xetex-bidi.def}}{}
27017 \@ifdefinitionfileloaded{tc-xetex}{\input{tc-xetex-bidi.def}}{}
27018 \@ifpackageloaded{todonotes}{\input{todonotes-xetex-bidi.def}}{}
27019 \@ifpackageloaded{beamerbaseauxtemplates}{\input{beamerbaseauxtemplates-xetex-bidi.def}}{}
27020 \@ifpackageloaded{beamerbaseboxes}{\input{beamerbaseboxes-xetex-bidi.def}}{}
27021 \@ifpackageloaded{beamerbasecolor}{\input{beamerbasecolor-xetex-bidi.def}}{}
27022 \@ifpackageloaded{beamerbasecompatibility}{\input{beamerbasecompatibility-xetex-bidi.def}}{}
27023 \@ifpackageloaded{beamerbaseframecomponents}{\input{beamerbaseframecomponents-xetex-bidi.def}}{}
27024 \@ifpackageloaded{beamerbaseframesize}{\input{beamerbaseframesize-xetex-bidi.def}}{}
27025 \@ifpackageloaded{beamerbaselocalstructure}{\input{beamerbaselocalstructure-xetex-bidi.def}}{}
27026 \@ifpackageloaded{beamerbasemisc}{\input{beamerbasemisc-xetex-bidi.def}}{}
27027 \@ifpackageloaded{beamerbasenavigation}{\input{beamerbasenavigation-xetex-bidi.def}}{}
27028 \@ifpackageloaded{beamerbaseoverlay}{\input{beamerbaseoverlay-xetex-bidi.def}}{}
27029 \@ifpackageloaded{beamerinnerthemedefault}{\input{beamerinnerthemedefault-xetex-bidi.def}}{}
27030 \@ifpackageloaded{beamerinnerthemecircles}{\input{beamerinnerthemecircles-xetex-bidi.def}}{}
27031 \@ifpackageloaded{beamerinnerthemefocus}{\input{beamerinnerthemefocus-xetex-bidi.def}}{}
27032 \@ifpackageloaded{beamerinnerthemeinmargin}{\input{beamerinnerthemeinmargin-xetex-bidi.def}}{}
27033 \@ifpackageloaded{beamerinnerthememetropolis}{\input{beamerinnerthememetropolis-xetex-bidi.d
27034 \@ifpackageloaded{beamerinnerthemerectangles}{\input{beamerinnerthemerectangles-xetex-bidi.d
27035 \@ifpackageloaded{beamerinnerthemerrounded}{\input{beamerinnerthemerrounded-xetex-bidi.def}}{}
27036 \@ifpackageloaded{beamerouterthemedefault}{\input{beamerouterthemedefault-xetex-bidi.def}}{}
27037 \@ifpackageloaded{beamerouterthemefocus}{\input{beamerouterthemefocus-xetex-bidi.def}}{}
27038 \@ifpackageloaded{beamerouterthemeinfoclines}{\input{beamerouterthemeinfoclines-xetex-bidi.def}}{}
27039 \@ifpackageloaded{beamerouterthememetropolis}{\input{beamerouterthememetropolis-xetex-bidi.d
27040 \@ifpackageloaded{beamerouterthememiniframes}{\input{beamerouterthememiniframes-xetex-bidi.d
27041 \@ifpackageloaded{beamerouterthemesidebar}{\input{beamerouterthemesidebar-xetex-bidi.def}}{}
27042 \@ifpackageloaded{beamerouterthemesplit}{\input{beamerouterthemesplit-xetex-bidi.def}}{}
27043 \@ifpackageloaded{beamerouterthemeshadow}{\input{beamerouterthemeshadow-xetex-bidi.def}}{}
27044 \@ifpackageloaded{beamerouterthemesmoothbars}{\input{beamerouterthemesmoothbars-xetex-bidi.d
27045 \@ifpackageloaded{beamerouterthemesmoothtree}{\input{beamerouterthemesmoothtree-xetex-bidi.d
27046 \@ifpackageloaded{beamerouterthemetree}{\input{beamerouterthemetree-xetex-bidi.def}}{}
27047 \@ifpackageloaded{beamerthemeHannover}{\input{beamerthemeHannover-xetex-bidi.def}}{}
27048 \@ifpackageloaded{beamerthemeSingapore}{\input{beamerthemeSingapore-xetex-bidi.def}}{}

```

## 163 File xltextra-xetex-bidi.def

```

27049 \ProvidesFile{xltextra-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for xltextra package f
27050 \let\@XeTeX\XeTeX
27051 \def\XeTeX{\@ensure@LTR{\@XeTeX}}
27052 \let\XeLaTeX\XeLaTeX
27053 \def\XeLaTeX{\@ensure@LTR{\@XeLaTeX}}

```



## 164 Index

Numbers written in *italic* refer to the page where the corresponding entry is described; numbers underlined refer to the code line of the definition; numbers in *roman* refer to the code lines where the entry is used.

Symbols		
\# . . . 5769, 5815, 5927, 5935	\@@Radio . . . 17755, 17763	22534, 22537,
\% . . . . . 16303	\@@TeX . . . . . 20460,	23270, 23307, 23310
\' . . . 16423, 18671, 20627	20461, 26153, 26154	\@@math . . . . . 9743
\( . . . . . 18772	\@@XeLaTeX . . 27052, 27053	\@@mix . . . . . 25977, 26020
\) . . . . . 18773	\@@XeTeX . . . 27050, 27051	\@@mod . . 25978, 25982,
\, . . . . . 8021, 16686,	\@@author 8637, 8640, 8643	25983, 25986,
21221, 21264,	\@@bidi@AfterClass	25987, 25988,
25783, 25794, 26190	. . . . . 6706, 6723	25991, 26021,
\- 4193, 16422, 18670, 20626	\@@bidi@AfterPackage	26025, 26026,
\. 93, 296, 586, 718, 981,	. . . . . 6751, 6766	26029, 26030,
1231, 2533, 4192,	\@@bidi@PreventPackageFromLoading	26031, 26034, 26053
9208, 9396, 9708,	. . . 6797, 6799, 6801	\@@par . . . . . 18669,
11267, 11541,	\@@bidi@pop . . . 6419,	20625, 21216,
15442, 17816,	6422, 6423, 6426, 6428	21259, 21769,
19982, 20789,	\@@bidi@popinto . . .	21780, 22508,
21183, 21380,	. . . 6419, 6422, 6423	22520, 23281,
21583, 22121,	\@@clr . . 25978, 25983,	23293, 24294,
22882, 23647, 24369	25986, 25988,	24296, 26271, 26386
\/ . . . . . 4511	25989, 25991,	\@@protect . . . . . 5700
\: . . . . . 18814, 18873	26021, 26026,	\@@scalebox . 20535, 20552
\< . . . . . 24003	26029, 26031,	\@@startpbox . . 18518,
\= . . . 16423, 18671, 20627	26032, 26034, 26053	24079, 24117, 26380
\> . . . . . 24004	\@@cls . . . . . 25973, 26016	\@@title . 8636, 8639, 8642
\@ . . . . . 5839	\@@date . . 8638, 8641, 8644	\@@tmp . . . . . 25982,
\@@ . . . . . 24182, 24184	\@@description . . . 2499	25983, 25988,
\@@@bidi@AfterClass	\@@end . . . . . 6073, 6074	25989, 25991,
. . . . . 6707, 6712	\@@endpbox . . . 18519,	25992, 26025,
\@@@bidi@AfterPackage	24079, 24117, 26380	26026, 26031,
. . . . . 6752, 6756	\@@if@newlist . 15764,	26032, 26034,
\@@H@@footnotetext	15796, 26764, 26839	26035, 26053, 26054
. . . . . 11587, 11602	\@@input . . . . . 6622	\@@underline . . . . .
\@@H@@mpfootnotetext	\@@italiccorr . . . . .	. 26353, 26355, 26357
. . . . . 11590, 11608	. . . 336, 9752, 18651	\@DEBUGfalse . . . . . 4791
\@@HLTR@@LTRfootnotetext	\@@line . . . . . 12030,	\@EightColLTRfootnotetext
. . . . . 11588, 11604	12033, 21609,	. . . . . 13853, 13935
\@@HLTR@@mpLTRfootnotetext	21618, 21656,	\@EightColRTLfootnotetext
. . . . . 11591, 11610	21667, 26332,	. . . . . 13854, 13962
\@@HRTL@@RTLfootnotetext	26333, 26335,	\@EightColfootnotetext
. . . . . 11589, 11606	26336, 26338, 26339	. . . . . 13852, 13889
\@@HRTL@@mpRTLfootnotetext	\@@makecaption . . . . .	\@False . . . . . 9731, 9733
. . . . . 11592, 11612	. . 22153, 22217,	\@FiveColLTRfootnotetext
\@@LTR . . . . . 20457,	22321, 22914,	. . . . . 12956, 13038
20459, 26150, 26152	22978, 23083,	\@FiveColRTLfootnotetext
\@@LaTeX . . . 26155, 26156	23679, 23743, 23848	. . . . . 12957, 13065
\@@LaTeXe . . 26157, 26158	\@@makefnmark . . . . .	\@FiveColfootnotetext
\@@RTL . . . . . 20456,	. . 21758, 21794,	. . . . . 12955, 12992
20459, 26149, 26152	21797, 22497,	\@FourColLTRfootnotetext
		. . . . . 12657, 12739



\@FourColRTLfootnotetext	2249, 2304, 4647,	11504, 11513,
..... 12658, 12766	4769, 8066, 8149,	12030, 12033,
\@FourColfootnotetext	8156, 8872, 8883,	15408, 15416,
..... 12656, 12693	9089, 9103, 10717,	15737, 17815,
\@LTRbibitemfalse	10718, 11588,	17829, 17853,
..... 26204, 26206	11603, 11604,	19713, 19725,
\@LTRbibitemtrue 26205	11708, 11785,	19737, 20565,
\@LTRbidituftesidenote@sidenote	11793, 12046,	20687, 20688,
... 8137, 8196, 8200	12071, 12345,	20712, 20822,
\@LTRbidituftesidenotemarginparreset	12370, 12632,	20961, 21084,
..... 7772, 7779	12657, 12931,	21137, 21138,
\@LTRbidituftesidenotesavemarbox	12956, 13230,	21199, 21200,
..... 7759,	13255, 13529,	21554, 21562,
7760, 7763, 7766	13554, 13828,	24173, 24280,
\@LTRbidituftesidenotexmpar	13853, 14127,	24321, 24455,
..... 7757, 7758	14152, 14426,	24486, 24509,
\@LTRbidituftesidenoteympar	14451, 14763,	24526, 24543,
..... 7757, 7762	14816, 14872,	24560, 24577,
\@LTRfootgroupv@l .	14923, 16019,	24594, 24612,
.. 11662, 11693,	16025, 16069,	24631, 24651,
11865, 12055,	16095, 16156,	24686, 25069,
12080, 12110,	16181, 16187,	25599, 25713, 26411
12140, 12168,	17189, 17217,	\@MM ... 41, 55, 71, 244,
12182, 12354,	17296, 17315,	258, 273, 10715,
12379, 12408,	17509, 17513,	10736, 10783,
12437, 12463,	17533, 17534,	10790, 10835,
12476, 12641,	18576, 18727,	10842, 11876,
12666, 12696,	19852, 19854,	16042, 16059, 16075
12726, 12754,	19855, 21720,	\@Mi ..... 9743, 18590
12768, 12940,	21726, 22161,	\@Mii ..... 4722,
12965, 12995,	22459, 22465,	7700, 7744, 7788,
13025, 13053,	22922, 23232,	10405, 10417,
13067, 13239,	23238, 23687,	10430, 26618, 26662
13264, 13294,	24148, 24165, 24257	\@Miii 4724, 7702, 7746,
13324, 13352,	\@LTRmarginparfalse	7790, 26620, 26664
13366, 13538,	..... 26747, 26749	\@NineColLTRfootnotetext
13563, 13593,	\@LTRmarginparreset	..... 14152, 14234
13623, 13651,	..... 26646, 26653	\@NineColRTLfootnotetext
13665, 13837,	\@LTRmarginpartrue 26748	..... 14153, 14261
13862, 13892,	\@LTRsavemarbox 26633,	\@NineColfootnotetext
13922, 13950,	26634, 26637, 26640	..... 14151, 14188
13964, 14136,	\@LTRxmpar . 26631, 26632	\@ParaLTRfootnotetext
14161, 14191,	\@LTRympar . 26631, 26636	. 14816, 14923, 15033
14221, 14249,	\@M . 6, 92, 105, 201, 225,	\@ParaRTLfootnotetext
14263, 14435,	295, 558, 622, 623,	..... 14817, 15063
14460, 14490,	647, 751, 874, 929,	\@Parafootnotetext
14520, 14548,	930, 1003, 1123,	. 14815, 14921, 14984
14562, 14776,	1124, 1130, 1253,	\@RTL@footnotefalse
14829, 14879,	4574, 4579, 8368,	... 4119, 15862,
14930, 14987,	9129, 9130, 9136,	16029, 20440,
15018, 15049, 15065	9250, 9306, 9307,	20445, 26117, 26138
\@LTRfootnotetext 64,	9313, 9427, 9477,	\@RTL@footnotettrue
81, 155, 156, 157,	9672, 9680, 9747,	... 4117, 15862,
266, 284, 2245,	11234, 11247,	16028, 20442,



20444, 26127, 26137	14036, 14049,	17188, 17206,
\@RTLbibitemfalse	14063, 14178,	17281, 17316,
..... 26205, 26206	14208, 14224,	17508, 17512,
\@RTLbibitemstrue 26204	14239, 14306,	17530, 17531,
\@RTLbidityftesidenote@sidenote	14335, 14348,	18577, 18728,
... 8166, 8197, 8201	14362, 14477,	19857, 19859,
\@RTLbidityftesidenotemarginparreset	14507, 14523,	19860, 21721,
..... 7816, 7823	14538, 14605,	21730, 22162,
\@RTLbidityftesidenotesavemarbox	14634, 14647,	22460, 22469,
..... 7803,	14661, 15220,	22923, 23233,
7804, 7807, 7810	15245, 15431,	23242, 23688,
\@RTLbidityftesidenotexmpar	16037, 16070,	24149, 24166, 24258
..... 7801, 7802	16116, 16131,	\@RTLmainfalse . 4002,
\@RTLbidityftesidenoteympar	17810, 18133,	4006, 4289, 4293
..... 7801, 7806	18156, 18160,	\@RTLmaintrue . 4005, 4292
\@RTLfalse ..... 36,	18167, 18176,	\@RTLmarginparfalse
66, 87, 239, 268,	18660, 19466,	..... 26748, 26749
290, 572, 707, 970,	19973, 20150,	\@RTLmarginparreset
1220, 1840, 2146,	20198, 20402,	..... 26690, 26697
2180, 2199, 2231,	20436, 20440,	\@RTLmarginpartrue 26747
2516, 4077, 4083,	20445, 20494,	\@RTLSavemarbox 26677,
4101, 5017, 9197,	20778, 21172,	26678, 26681, 26684
9385, 9694, 9713,	21366, 21569,	\@RTLtabfalse .....
9725, 9738, 11256,	22099, 22860,	. 409, 3981, 4089,
11527, 11648,	23625, 24355,	20036, 26111,
11664, 11710,	26075, 26110,	26117, 26138,
11725, 11738,	26117, 26138,	26286, 26304, 26391
11750, 12097,	26286, 26304,	\@RTLtabtrue .....
12127, 12143,	26744, 26815, 26831	.... 3980, 4087,
12158, 12225,	\@RTLfootnotetext 48,	26102, 26127,
12254, 12267,	80, 159, 160, 161,	26137, 26174,
12281, 12396,	251, 283, 2244,	26181, 26295, 26313
12425, 12440,	2248, 2278, 4648,	\@RTLtrue . 36, 50, 87,
12454, 12518,	4770, 8084, 8178,	239, 253, 290, 572,
12546, 12558,	8185, 8873, 8884,	707, 970, 1220,
12571, 12683,	9090, 9104, 10738,	2146, 2163, 2199,
12713, 12729,	10739, 11589,	2215, 2516, 4075,
12744, 12811,	11605, 11606,	4081, 4099, 5017,
12840, 12853,	11677, 11786,	9197, 9385, 9694,
12867, 12982,	11794, 12047,	9752, 9754, 11256,
13012, 13028,	12072, 12346,	11527, 11648,
13043, 13110,	12371, 12633,	11664, 11679,
13139, 13152,	12658, 12932,	11695, 11725,
13166, 13281,	12957, 13231,	11738, 11762,
13311, 13327,	13256, 13530,	11775, 12097,
13342, 13409,	13555, 13829,	12127, 12170,
13438, 13451,	13854, 14128,	12185, 12225,
13465, 13580,	14153, 14427,	12254, 12294,
13610, 13626,	14452, 14764,	12308, 12396,
13641, 13708,	14817, 14873,	12425, 12465,
13737, 13750,	14924, 16010,	12479, 12518,
13764, 13879,	16016, 16053,	12546, 12583,
13909, 13925,	16094, 16157,	12596, 12683,
13940, 14007,	16196, 16202,	12713, 12756,



12771,	12811,	1214, 1215, 1216,	22078,	22080,
12840,	12880,	9223, 9224, 9225,	22812,	22815,
12894,	12982,	9226, 9227, 9229,	22817,	22821,
13012,	13055,	9231, 9233, 9400,	22823,	22825,
13070,	13110,	9401, 9402, 9403,	22827,	22830,
13139,	13179,	9404, 9406, 9408,	22833,	22837,
13193,	13281,	9410, 9651, 9653,	22839,	23585,
13311,	13354,	9655, 9657, 9658,	23587,	23590,
13369,	13409,	9659, 9660, 9661,	23592,	23594,
13438,	13478,	11367, 11368,	23596,	23599,
13492,	13580,	11369, 11370,	23602,	23605,
13610,	13653,	11483, 11485,	24429,	24673,
13668,	13708,	11487, 11489,	26201, 26203, 26914	
13737,	13777,	11490, 11491,	\@SevenCollTRfootnotetext	
13791,	13879,	11492, 11493,	..... 13554, 13636	
13909,	13952,	15534, 15535,	\@SevenColRTLfootnotetext	
13967,	14007,	15536, 15537,	..... 13555, 13663	
14036,	14076,	15538, 15540,	\@SevenColfootnotetext	
14090,	14178,	15542, 15544,	..... 13553, 13590	
14208,	14251,	15704, 15710,	\@SixCollTRfootnotetext	
14266,	14306,	15832, 15834,	..... 13255, 13337	
14335,	14375,	15836, 15838,	\@SixColRTLfootnotetext	
14389,	14477,	15839, 15840,	..... 13256, 13364	
14507,	14550,	15841, 15842,	\@SixColfootnotetext	
14565,	14605,	15845, 15847,	..... 13254, 13291	
14634,	14674,	15849, 15851,	\@Submit ... 17771, 17780	
14688,	15209,	15852, 15853,	\@TenCollTRfootnotetext	
15236,	15431,	15854, 15855,	..... 14451, 14533	
16037,	16054,	17866, 17867,	\@TenColRTLfootnotetext	
16101,	16131,	17868, 17869,	..... 14452, 14560	
17810,	18133,	18193, 19353,	\@TenColfootnotetext	
18156,	18167,	19355, 19357,	..... 14450, 14487	
18176,	18663,	19359, 19361,	\@TextField . 17739, 17747	
19466,	19973,	19362, 19364,	\@ThreeCollTRfootnotetext	
20403,	20428,	19365, 19366,	..... 12370, 12449	
20442,	20444,	20016, 20024,	\@ThreeColRTLfootnotetext	
20778,	21172,	20026, 20793,	..... 12371, 12474	
21366,	21569,	20794, 20795,	\@ThreeColfootnotetext	
22099,	22860,	20796, 20797,	..... 12369, 12405	
23625,	24355,	20799, 20801,	\@True ... 9726, 9732, 9764	
26076,	26101,	20803, 21158,	\@TwoCollTRfootnotetext	
26127,	26137,	21159, 21160,	..... 12071, 12153	
26295,	26313,	21161, 21162,	\@TwoColRTLfootnotetext	
26744, 26815, 26831		21164, 21166,	..... 12072, 12180	
\@RTLxmpar . 26675, 26676		21168, 21353,	\@TwoColfootnotetext	
\@RTLympar . 26675, 26680		21355, 21357,	..... 12070, 12107	
\@Reset .... 17788, 17797		21358, 21359,	\@Undottedtocline 19720	
\@SepMark ..... 19,		21360, 21361,	\@Undottedtoclinep 19732	
20, 21, 22, 168,		21362, 21535,	\@acci 16423, 18671, 20627	
214, 215, 216, 217,		21537, 21539,	\@accii 16423, 18671, 20627	
334, 350, 546, 547,		21541, 21542,	\@acciii ..... . 16423, 18671, 20627	
548, 549, 700, 701,		21543, 21544,	\@acol 1437, 1445, 4656,	
702, 703, 954, 955,		21545, 22073,	18515, 24063,	
956, 957, 1213,		22074, 22076,		



26183, 26363, 26389	9656, 9657, 9658,	22821, 22823,
\@acolampacol ... 1435,	9659, 9660, 9661,	22825, 22827,
1437, 1443, 1445	9696, 9703, 11258,	22830, 22833,
\@addamp ..... 1436, 1444	11265, 11367,	22841, 22863,
\@addfield ..... 26753	11368, 11369,	22879, 23588,
\@addmarginpar ... 26703	11370, 11483,	23590, 23592,
\@address 4909, 10572,	11485, 11487,	23594, 23596,
10573, 10670, 10672	11488, 11489,	23599, 23602,
\@addresscolour 4878,	11490, 11491,	23606, 23628,
4895, 10571, 10669	11492, 11493,	23644, 24357, 24364
\@addtofilelist ... 6621	11529, 11536,	\@argdef ..... 5660
\@addtopreamble ...	15433, 15440,	\@array 384, 405, 1370,
... 1408, 1471, 9825	15534, 15535,	1371, 24100, 26369
\@addtoreset .....	15536, 15537,	\@arrayacol ..... 26389
.... 332, 15707,	15538, 15540,	\@arrayclassiv ... 26390
20014, 20020, 20022	15542, 15544,	\@arrayclassz .....
\@addviper ..... 10168	15832, 15834,	. 1435, 24104, 26389
\@afterheading ....	15836, 15837,	\@arraycr 404, 18524, 26391
. 568, 4557, 4567,	15838, 15839,	\@arrayleft ..... 397
11244, 11252, 18683	15840, 15841,	\@arrayparboxrestore
\@afterindentfalse	15842, 15845,	. 1871, 18579, 20622
.. 4557, 4567, 18682	15847, 15849,	\@arrayright ..... 406
\@afterindenttrue .	15850, 15851,	\@arrayrule 1390, 1391,
.. 647, 874, 1130,	15852, 15853,	1392, 1428, 1429, 1430
8367, 9136, 9313,	15854, 15855,	\@arstdepth .....
19712, 19724,	18193, 18195,	. 24097, 24102, 24120
19736, 20712,	19353, 19355,	\@arstheight 24102, 24120
21084, 24454,	19357, 19359,	\@arstrut ..... 394,
24485, 24508,	19361, 19364,	18538, 24078, 26379
24525, 24542,	19365, 19366,	\@arstrutbox ... 387,
24559, 24576,	20780, 20787,	18526, 18580,
24593, 24611,	20793, 20794,	24071, 24112,
24630, 24650,	20795, 20796,	24116, 24120, 26372
24685, 25068,	20797, 20799,	\@author ..... 428,
25592, 25712, 26410	20801, 20803,	442, 478, 499, 762,
\@algocf@finish ... 179	21158, 21159,	764, 782, 827,
\@algocf@start .... 171	21160, 21161,	846, 1014, 1016,
\@ampacol ..... 1435, 1443	21162, 21164,	1034, 1079, 1098,
\@arabic ... 168, 546,	21166, 21168,	1264, 1266, 1284,
547, 548, 549, 574,	21174, 21181,	1329, 1349, 1360,
581, 700, 701, 702,	21353, 21355,	4410, 8569, 8571,
703, 709, 716, 954,	21357, 21358,	8640, 9261, 9263,
955, 956, 957, 972,	21359, 21360,	9281, 9438, 9440,
979, 1213, 1214,	21361, 21362,	9458, 9533, 9547,
1215, 1216, 1222,	21368, 21375,	9583, 9604, 11294,
1229, 2518, 2527,	21535, 21537,	11306, 11340,
5029, 9199, 9206,	21539, 21540,	11359, 11389,
9223, 9224, 9225,	21541, 21542,	11403, 11439,
9226, 9227, 9229,	21543, 21544,	11460, 15461,
9231, 9233, 9387,	21545, 21571,	15473, 15507,
9394, 9400, 9401,	21578, 22074,	15526, 19322,
9402, 9403, 9404,	22076, 22078,	20833, 20835,
9406, 9408, 9410,	22080, 22102,	20853, 20898,
9651, 9653, 9655,	22118, 22819,	20917, 20972,



20974, 20994,	\@bidi@PreventPackageFromLoading	19883, 19891,
21041, 21063,	... 6792, 6793, 6795	20469, 20471,
21074, 21230,	\@bidi@UnPreventPackageFromLoading	26472, 26580,
21244, 21285,	... 6884, 6885, 6888	26586, 26589,
21306, 21417,	\@bidi@after@Hy@hyperfootnotes	26603, 26605, 26608
21431, 21467,	..... 11597,	\@bidi@emptytoks ..
21488, 21902,	11798, 12059,	... 5121, 5126, 5150
22046, 22642,	12084, 12358,	\@bidi@envbody ....
22786, 23415, 23559	12383, 12645,	.... 5120, 5122,
\@auxout .. 4137, 4141,	12670, 12944,	5124, 5125, 5126,
5072, 5436, 5464,	12969, 13243,	5146, 5148, 5149, 5150
5490, 5518, 5544,	13268, 13542,	\@bidi@fi ..... 6287,
5547, 5581, 5584,	13567, 13841,	6288, 6289, 6290,
9036, 11934, 26455	13866, 14140,	6294, 6295, 6299,
\@badmath .. 15669, 15683	14165, 14439,	6300, 6304, 6305,
\@begin@tempboxa ..	14464, 14781,	6310, 6311, 6315, 6316
..... 16699,	14834, 14888, 14939	\@bidi@finalfootnoteperpagefalse
16795, 16802, 26271	\@bidi@append@to@cslist	..... 11954
\@begin@dv .. 15735, 26806	... 6353, 6357, 6367	\@bidi@finalfootnoteperpagetrue
\@begin@parpenalty ..	\@bidi@append@to@list	..... 11952
..... 4570,	..... 6357,	\@bidi@ifnxtc .....
4579, 15672, 15686	6360, 6363, 6370, 6378	... 6254, 6257, 6258
\@bib@break .....	\@bidi@before@Hy@hyperfootnotes	\@bidi@info 3915, 3942,
.. 22094, 22855, 23620	..... 11583,	3944, 4243, 4270, 4272
\@biblabel 89, 292, 574,	11791, 12044,	\@bidi@inslogo@ ...
575, 709, 710, 972,	12069, 12343,	.... 4021, 4150,
973, 1222, 1223,	12368, 12630,	4152, 4308, 4333, 4358
2518, 2519, 9199,	12655, 12929,	\@bidi@list@minipage@parbox@not@nobtrue
9200, 9387, 9388,	12954, 13228,	..... 16145, 26259
9696, 9697, 11258,	13253, 13527,	\@bidi@list@minipage@parboxfalse
11259, 11529,	13552, 13826,	..... 1835, 24267
11530, 15433,	13851, 14125,	\@bidi@list@minipage@parboxtrue
15434, 17812,	14150, 14424,	.. 16146, 26263, 26266
19975, 20780,	14449, 14761,	\@bidi@logo .... 4037,
20781, 21174,	14814, 14866, 14917	4056, 4316, 4332
21175, 21368,	\@bidi@copy@stacktop	\@bidi@logo@ .....
21369, 21571,	..... 6425, 6428	.... 4021, 4053,
21572, 22102,	\@bidi@copyins@ ...	4152, 4308, 4332, 4333
22104, 22863,	.... 4017, 4018,	\@bidi@logo@hb@xt@
22865, 23628,	4019, 4020, 4021,	..... 4309, 4332
23630, 24357, 24358	4304, 4305, 4306,	\@bidi@logo@hb@xt@columnwidth
\@bibsetup .....	4307, 4308, 11866,	..... 4022, 4054
\@bibtitlestyle ...	16451, 16452,	\@bidi@lst@makecaption
..... 84, 287, 17807	16453, 16454,	..... 18130,
\@bidi@stpelt ....	16464, 16465,	18146, 18147,
... 6141, 6147, 6151	16513, 16514,	18178, 18179,
\@bidi@AfterClass ..	16570, 16571,	18180, 18184, 18186
..... 6707,	16572, 16573,	\@bidi@mdf@RTLtrue 18659
6728, 6733, 6740	16590, 16591,	\@bidi@patch@AfterPackage
\@bidi@AfterPackage	16609, 16618,	..... 7077, 7080
..... 6752,	16630, 16636,	\@bidi@pdfcreator ..
6771, 6775, 6782	16640, 16652,	..... 3991,
\@bidi@EqualStringX	16654, 16657,	4226, 4334, 4348
... 6206, 6207, 6208	16688, 19882,	



\@bidi@pdfcustomproperties	\@bidi@ww ..... 6330	\@biditytffloat@justification
..... 3997,	\@bidi@declaredcolor	..... 7213
4229, 4340, 4351	..... 9877,	\@biditytffloat@justification@autodetect
\@bidi@pdfencryptfalse	9884, 26013, 26042	..... 7153, 7283
..... 4206	\@biditytffloat@LTrsidenote@normal	\@biditytffloat@label
\@bidi@pdfencrypttrue	..... 7932,	..... 7312, 7339
..... 4208, 4211	8011, 8131, 8160,	\@biditytffloat@margin@floatbox
\@bidi@pdfm@markfalse	8189, 8211, 8220, 8229	... 7261, 7264, 7275
..... 4159, 4356	\@biditytffloat@RTLSidenote@normal	\@biditytffloat@margin@par
\@bidi@pdfm@marktrue	..... 7951,	..... 7183, 7270
..... 4157, 4355	8012, 8132, 8161,	\@biditytffloat@margin@font
\@bidi@pdfproducer	8190, 8212, 8221, 8230	..... 7210, 7211
..... 3994,	\@biditytffloat@caption	\@biditytffloat@orig@caption
4227, 4337, 4349	..... 7305, 7338	... 7336, 7364, 7394
\@bidi@perpage@footnotefalse	\@biditytffloat@caption@box	\@biditytffloat@orig@endfloat
..... 4169	7297, 7362, 7373,	... 7299, 7377, 7628
\@bidi@perpage@footnotetrue	7374, 7397, 7632, 7637	\@biditytffloat@orig@float
..... 4167	\@biditytffloat@caption@fill	... 7298, 7351, 7627
\@bidi@prepend@to@cslist	..... 7246,	\@biditytffloat@orig@label
..... 6355,	7255, 7256, 7637	..... 7337,
6358, 6369, 6411, 6413	\@biditytffloat@caption@font	7345, 7365, 7395
\@bidi@prepend@to@list	7211, 7212, 7266,	\@biditytffloat@overhang
..... 6358,	7463, 7634, 7640, 7653	7244, 7248, 7249,
6361, 6365, 6371, 6379	\@biditytffloat@caption@justification	7448, 7487, 7488
\@bidi@removefromreset	... 7153, 7269, 7463	\@biditytffloat@pkgname
... 5270, 5271, 5273	\@biditytffloat@caption@vertical@offset	... 7129, 7131
\@bidi@replacefilewithtext	.... 7300, 7301,	\@biditytffloat@stored@caption
... 6669, 6673, 6676	7309, 7373, 7374, 7401	..... 7303,
\@bidi@saveprimitive	\@biditytffloat@checkoddpages	7310, 7364, 7399
..... 5108	..... 7228, 7325	\@biditytffloat@stored@label
\@bidi@stepcounter	\@biditytffloat@figure@box	.... 7304, 7313,
..... 6140, 6146	..... 7296,	7365, 7381, 7383, 7400
\@bidi@tabular@RTLCases	7355, 7373, 7374, 7396	\@biditytffloat@stored@shortcaption
. 26172, 26174, 26181	\@biditytffloat@float@contents@width	... 7302,
\@bidi@todonotes@align	..... 7317,	7307, 7308, 7364, 7398
..... 25759,	7353, 7354, 7356	\@biditytffloat@generalstructure@reset@par
25760, 25792,	\@biditytffloat@float@debug	..... 8413, 8419
25833, 25836,	.... 7286, 7292,	\@biditytffloat@heading@newlinetospace
25839, 25842,	7294, 7295, 7327,	..... 7469, 7478
25867, 25872, 25873	7328, 7331, 7333,	\@biditytffloat@heading@newlinetospace@i
\@bidi@todonotes@figposition@right@false	7334, 7411, 7418,	..... 7470, 7472
..... 25774	7425, 7426, 7429, 7430	\@biditytffloat@heading@orig@ocr
\@bidi@todonotes@figposition@right@true	\@biditytffloat@float@debug@info	..... 7477, 7481
..... 25772	.... 7285, 7287,	\@biditytffloat@sidenote@LTrcitation@font
\@bidi@todonotes@textdirection	7288, 7289, 7386, 7393	... 7839, 7848, 7938
.. 25761, 25765,	\@biditytffloat@float@fullwidth	\@biditytffloat@sidenote@LTrmargin@font
25768, 25872, 25873	..... 7373, 7421	..... 7830,
\@bidi@todonotes@textdirection@normal	\@biditytffloat@float@textwidth	7833, 7836, 7839
..... 25767	..... 7374, 7403	\@biditytffloat@sidenote@LTrmargin@note@font
\@bidi@todonotes@textdirection@normal	\@biditytffloat@fps	... 7836, 7845, 8217
..... 25764	..... 7315, 7330	\@biditytffloat@sidenote@LTrsidenote@font
\@bidi@unreplacefilewithtext	\@biditytffloat@fullwidth	..... 7833, 7842
... 6678, 6684, 6687	..... 7245,	\@biditytffloat@sidenote@RTLCitation@font
\@bidi@ww ..... 6336	7251, 7252, 7253, 7353	..... 7840, 7849



\@biditytesidenote@RTLmargin@font	\@biditytesidenote@sidenote@justification	23082,
..... 7831,	... 7850, 8017, 8018	23770, 23774,
7834, 7837, 7840	\@biditytesidenote@sidenote@verticaloffset	23847
\@biditytesidenote@RTLmargin@font... 8105,	\@cclv .....	10750,
... 7837, 7846, 8226		10807, 15276,
\@biditytesidenote@RTLsidenote@font... 8106, 8112, 8114,		15277, 15305,
..... 7834, 7843		15315, 16585,
\@biditytesidenote@add@citation		16597, 16631,
..... 7973, 8006	\@biditytesidenote@trim@b	16634, 16635,
\@biditytesidenote@check@multiple@sidenotes		16645, 16646,
..... 8031, 8039	\@biditytesidenote@trim@c	18594, 18599,
\@biditytesidenote@citation@font .. 7887, 7890, 7895		18611, 20463,
..... 7838,	\@biditytesidenote@trim@spaces	26565, 26569,
7847, 7919, 7957, 7985		26581, 26585, 26596
\@biditytesidenote@citation@justification	\@cclvi .....	14789,
..... 7852, 7986		14791, 14842,
\@biditytesidenote@citations	\@biditytesidenotemargin@parreset	14844, 14894,
.... 7972, 7974,	..... 7728, 7735	14896, 14945, 14947
7975, 7977, 7982,	\@biditytesidenotes@save@margin@center@cr	8441, 20573,
7991, 8110, 8139,	..... 7715,	20586, 20599,
8168, 8207, 8216, 8225	7716, 7719, 7722	24273, 24302, 26322
\@biditytesidenote@info@note@cite	\@biditytesidenotexmpar	\@cftasnum ... 24459,
8005, 8109, 8138,	..... 7713, 7714	24490, 24513,
8167, 8206, 8215, 8224	\@biditytesidenoteympar	24530, 24547,
\@biditytesidenote@justification@autodetect	..... 7713, 7718	24564, 24581,
..... 7850,	\@biditytetoc@lof@line	24598, 24616,
7851, 7852, 7853	..... 8360, 8376	24635, 24655, 24690
\@biditytesidenote@margin@par	\@biditytetoc@pkgname	\@cftasnumb ... 24460,
..... 7854,	..... 8236, 8237	24491, 24514,
7987, 8054, 8072,	\@bidiundeclaredcolor	24531, 24548,
8090, 8208, 8217, 8226	.... 9877, 9878,	24565, 24582,
\@biditytesidenote@margin@font	26013, 26014, 26053	24599, 24617,
..... 7829,	\@bscontmark .....	24636, 24656, 24691
7832, 7835, 7838	\@bsmarkseries ... 19326	\@cftbsnum ... 24458,
\@biditytesidenote@margin@font	\@bsmtitleempty ... 19314	24489, 24512,
... 7835, 7844, 8208	\@bspack .....	24529, 24546,
\@biditytesidenote@margin@note@justification	4721, 7699, 7743,	24563, 24580,
..... 7851,	7787, 26617, 26661	24597, 24615,
8208, 8217, 8226	\@bsthanksheadpost	24634, 24654, 24689
\@biditytesidenote@normal@cite	\@bsthanksheadpre	19328
..... 7913,	\@caption .....	\@cftdopartfalse . 24432
8010, 8130, 8159,	. 7454, 19448, 19451	\@cftdoparttrue ...
8188, 8210, 8219, 8228	\@captionabovefalse	..... 24435, 24439
\@biditytesidenote@print@citations	. 22339, 23101, 23866	\@cftl@subfig .... 24623
7979, 8129, 8158,	\@captionabovetrue	\@cftl@subtab .... 24643
8187, 8209, 8218, 8227	. 22337, 23099, 23864	\@chapapp . 9472, 9667,
\@biditytesidenote@sidenote	\@capttype . 4661, 4709,	11499, 15404, 21550
... 8108, 8195, 8199	4757, 7267, 19441,	\@chapterlistsgap@off
\@biditytesidenote@sidenote@citations	19445, 19448,	..... 20008
..... 8004	21636,	\@chapterlistsgap@on
\@biditytesidenote@sidenote@font	22244, 22248,	..... 20015, 20023
..... 7832,	2250, 22251,	\@chclass .. 352, 364,
7841, 8017, 8018, 8021	22320, 23005,	375, 1377, 1389,
	23009, 23011,	1402, 1422, 1427,



24201, 24217,	21831, 21848,	\@contindw . . . . . 19407
24228, 26392, 26397	22571, 22588,	\@contnfont . . . . .
\@checkend . . . . 5139,	23344, 23361, 26840	. . . . . 19384, 19395,
5163, 6962, 6963	\@colourfalse . . . . . 4821	19399, 19406, 19411
\@cnum . . . . 353, 360, 371,	\@colourgreenfalse	\@contpost . . . . . 19416
1378, 1385, 1398,	. . . . . 10490, 10588	\@contpre . . . . 19394,
1408, 1424, 1425,	\@colourgreentrue .	19400, 19405, 19410
1426, 1439, 1447,	. . . . . 10491, 10589	\@conttfont . . . . .
1473, 9827, 24202,	\@colourgreyfalse .	. . . . . 19384, 19396,
24209, 24224,	. . . . . 10494, 10592	19402, 19408, 19412
26394, 26395, 26396	\@colourgreytrue . .	\@curfield . . . . .
\@circlefnt . . . . . 15563	. . . . . 10495, 10593	9052, 9067, 9087,
\@classiv . . . . . 4658,	\@colourorangefalse	9101, 9111, 26753
18516, 24065,	. . . . . 10488, 10586	\@curline . . . . . 9050,
26185, 26365, 26390	\@colourorangetrue	9065, 26753, 26755
\@classx . . . . 1405, 1464, 9821	. . . . . 10489, 10587	\@currbox . . . . . 4729,
\@classz . . . . . 1405,	\@colourredfalse . .	4760, 4764, 7664,
1464, 1498, 1499,	. . . . . 10492, 10590	7667, 7708, 7711,
4657, 9821, 18516,	\@colourredtrue . . .	7716, 7720, 7752,
24064, 24104,	. . . . . 10493, 10591	7755, 7760, 7764,
26184, 26364, 26389	\@colourtrue . . . . . 4820	7796, 7799, 7804,
\@cleartopmattertags	\@colroom . . . . 10450,	7808, 15330,
. . . . . 129, 17889	10453, 10455,	26626, 26629,
\@cliptoboxdim . . . 24231	10456, 10750,	26634, 26638,
\@clsextension . . . .	10807, 16563,	26670, 26673,
6676, 6687, 6703,	16577, 16580,	26678, 26682,
6713, 6722, 6725, 6734	16582, 18605,	26704, 26713, 26745
\@clubpenalty . . . 584,	18614, 21832,	\@currentHlabel . . .
2531, 9706, 11539,	21849, 22572,	. . . . . 17274, 17289, 17304
21378, 21581, 24367	22589, 23345, 23362	\@currentHref . . . . .
\@colht . . . . . 10178,	\@combinedblfloats	. . . . . 17275, 17290,
10205, 10206,	. . . . . 10090, 10149,	17305, 17364,
10290, 10291,	15622, 15658,	17402, 17435,
10307, 10423,	15739, 16496,	17466, 17497,
10438, 10439,	16549, 19553,	17719, 17730, 17732
10449, 10450,	19650, 26504, 26547	\@currentlabel . . . 43,
10457, 10473,	\@combinefloats . . .	57, 73, 246, 260,
10477, 15266,	. . . . . 15261, 16665	275, 2154, 2171,
15758, 16563,	\@compactenum@ . . . . 8423	2188, 2204, 2220,
16575, 16576,	\@cons . . . . . 26703, 26704	2236, 8056, 8074,
16577, 16579,	\@contcshortstyle 19396	8092, 11654,
16581, 16669,	\@contcstyle . . . . .	11670, 11685,
18605, 18606,	. . . . . 19401, 19407, 19412	11701, 11716,
19489, 19492,	\@contcwidth 19390, 19391	11729, 11742,
19494, 19496,	\@contdelim . . . . .	11754, 11766,
19501, 19502,	. . . . . 19384, 19395,	11779, 12101,
19503, 19522,	19399, 19406, 19411	12131, 12147,
19523, 19524,	\@contfield . . . . .	12162, 12174,
19528, 19589,	. . . . . 9053, 9068, 9100	12189, 12229,
19592, 19594,	\@contfinal . . . . .	12258, 12271,
19596, 19601,	. . . . . 19384, 19396,	12285, 12298,
19602, 19603,	19402, 19408, 19412	12312, 12400,
19622, 19623,	\@contfmark . . . . 19383, 19386	12429, 12444,
19624, 19628,	\@contfnote . . . . 19382, 19385	12458, 12469,



12483,	12522,	\@currentlabelname	9863, 25970, 25993
12550,	12562,	..... 17276,	\@dedication .....
12575,	12587,	17291, 17306,	.. 21949, 21952,
12600,	12687,	17365, 17403,	22057, 22689,
12717,	12733,	17436, 17467, 17498	22692, 22797,
12748,	12760,	\@currenvir .....	23462, 23465, 23570
12775,	12815,	5125, 5128, 5129,	\@dedicatory .....
12844,	12857,	5149, 5152, 5153, 5180	323
12871,	12884,	\@currentxt .... 24883,	\@deferlist .....
12898,	12986,	24995, 25053, 25063	16561
13016,	13032,	\@currlist .....	\@definitionfileextension
13047,	13059,	26703	..... 5194, 5197
13074,	13114,	\@curtabmar . 26752, 26755	\@depth ... 389, 18528,
13143,	13156,	\@cvtheme .... 4901, 4904	24044, 24073,
13170,	13183,	\@cvthemeoptions ..	24113, 26374, 26742
13197,	13285,	..... 4902, 4904	\@dgroup .....
13315,	13331,	\@date .. 431, 443, 479,	9725
13346,	13358,	502, 770, 772, 784,	\@dischypn .....
13373,	13413,	829, 849, 1022,	. 16422, 18670, 20626
13442,	13455,	1024, 1036, 1081,	\@displaypagenumbersfalse
13469,	13482,	1101, 1272, 1274,	..... 5000
13496,	13584,	1286, 1331, 1352,	\@displaypagenumbertrue
13614,	13630,	1361, 4411, 8587,	..... 4999
13645,	13657,	8641, 9269, 9271,	\@dmath .....
13672,	13712,	9283, 9446, 9448,	9713, 9742
13741,	13754,	9460, 9536, 9548,	\@docclearpage .... 15345
13768,	13781,	9584, 9607, 11297,	\@docolbox .....
13795,	13883,	11307, 11341,	15812
13913,	13929,	11362, 11392,	\@dodynamicthefoot 15736
13944,	13956,	11404, 11440,	\@dodynamicthehead 15736
13971,	14011,	11463, 11548,	\@dofilelist .....
14040,	14053,	11553, 15464,	... 6973, 6974, 6976
14067,	14080,	15474, 15508,	\@dotsep .....
14094,	14182,	15529, 17898,	25610,
14212,	14228,	17903, 19323,	25611, 25719, 26417
14243,	14255,	20841, 20843,	\@dottedtocline ...
14270,	14310,	20855, 20900,	.. 25725, 25726,
14339,	14352,	20920, 20980,	25728, 25746, 26406
14366,	14379,	20982, 20996,	\@dseries .....
14393,	14481,	21043, 21066,	9738
14511,	14527,	21075, 21233,	\@eha .....
14542,	14554,	21245, 21286,	5116, 24677
14569,	14609,	21308, 21420,	\@ehc .....
14638,	14651,	21432, 21468,	5242,
14665,	14678,	21491, 21907,	5244, 5250, 5252,
14692,	14977,	22047, 22647,	5258, 5260, 5266,
15008,	15026,	22787, 23420, 23560	5268, 5676, 6550,
15042,	15056,	\@dblarg .....	18099, 18106,
15072,	15111,	19448	18592, 19695, 19701
15141,	15155,	\@dblfloatplacement	\@ehd .....
15170,	15184,	.. 10094, 10153,	19442
15199,	16044,	15623, 15662,	\@eightcol@LTRfootgroupv@l
16061,	16077,	15746, 16500,	..... 13837, 13862
16106,	16121, 16136	16553, 19557,	\@eightcol@footgroupv@r
		19654, 26508, 26551	..... 13833, 13858
		\@declaredcolor 9862,	\@eightcollTRfootfmt
			.. 13932, 13947,
			13987, 14056, 14070
			\@eightcollTRfootnotetext
			..... 13828, 13925
			\@eightcolRTLfootfmt
			.. 13959, 13974,
			13990, 14083, 14097



\@eightcolRTLfootnotetext	7953, 7974, 7981,	20854, 20855,
..... 13829, 13952	8569, 8636, 8637,	20897, 20898,
\@eightcolfootfmt .	8638, 9205, 9280,	20899, 20900,
.. 13886, 13916,	9281, 9282, 9283,	20993, 20994,
13984, 14014, 14043	9393, 9457, 9458,	20995, 20996,
\@eightcolfootnotetext	9459, 9460, 9546,	21040, 21041,
..... 13827, 13873	9547, 9548, 9549,	21042, 21043,
\@elt .....	9582, 9583, 9584,	21180, 21243,
5275, 7552, 7553,	9585, 9702, 9728,	21244, 21245,
7554, 7555, 7556,	10058, 10121,	21246, 21284,
7557, 7558, 7559,	10777, 10829,	21285, 21286,
7560, 7561, 7562,	11264, 11305,	21287, 21374,
7563, 7593, 7594,	11306, 11307,	21430, 21431,
7595, 7596, 7597,	11308, 11339,	21432, 21433,
7598, 7599, 7600,	11340, 11341,	21466, 21467,
7601, 7602, 7603,	11342, 11402,	21468, 21469,
7604, 7605, 7606,	11403, 11404,	21577, 21768,
7607, 7608, 7609,	11405, 11438,	21867, 21868,
7610, 9764, 10716,	11439, 11440,	21875, 21883,
10737, 10743,	11441, 11535,	21890, 21896,
10778, 10780,	11546, 11562,	21912, 21918,
10782, 10788,	11566, 14973,	21931, 21934,
10800, 10830,	15004, 15022,	21941, 21949,
10832, 10834,	15038, 15052,	21954, 21969,
10840, 24132, 24134	15068, 15107,	21976, 21991,
\@email 4913, 10578, 10676	15137, 15151,	21992, 21996,
\@empty 86, 115, 134, 136,	15166, 15180,	21997, 22005,
289, 404, 441, 442,	15195, 15260,	22006, 22010,
443, 444, 477, 478,	15439, 15472,	22011, 22020,
479, 480, 580, 715,	15473, 15474,	22021, 22025,
781, 782, 783, 784,	15475, 15506,	22026, 22034,
826, 827, 828, 829,	15507, 15508,	22035, 22045,
978, 1033, 1034,	15509, 15602,	22046, 22047,
1035, 1036, 1078,	15638, 16192,	22048, 22049,
1079, 1080, 1081,	16274, 16474,	22050, 22051,
1228, 1283, 1284,	16523, 16561,	22052, 22053,
1285, 1286, 1328,	16664, 16679,	22054, 22055,
1329, 1330, 1331,	16680, 16681,	22056, 22057,
1892, 1893, 2263,	16682, 16683,	22087, 22117,
2289, 2315, 2526,	17276, 17291,	22142, 22143,
2972, 2978, 2984,	17306, 17365,	22248, 22507,
3062, 3464, 3611,	17403, 17436,	22607, 22608,
3707, 3802, 4152,	17467, 17498,	22615, 22623,
4333, 4409, 4410,	17809, 17875,	22630, 22636,
4411, 4412, 4716,	17896, 17937,	22652, 22658,
5028, 5037, 5137,	18151, 18157,	22671, 22674,
5161, 6380, 6789,	18180, 18184,	22681, 22689,
6802, 6803, 6809,	18186, 18542,	22694, 22709,
6832, 6862, 6870,	18567, 19320,	22716, 22731,
6889, 6892, 6903,	19321, 19322,	22732, 22736,
6907, 6917, 6923,	19323, 19482,	22737, 22745,
6924, 6925, 6938,	19582, 20002,	22746, 22750,
6950, 6954, 7021,	20511, 20786,	22751, 22760,
7032, 7915, 7934,	20852, 20853,	22761, 22765,



22766,	22774,	\@endparpenalty 4574,	10553, 10643, 10664
22775,	22785,	4583, 15673, 15687	\@familynamecolour
22786,	22787,	\@endpbox . . . . .	. . . . . 4876, 4893
22788,	22789,	1415, 1416, 1457,	\@fax . . 4912, 10577, 10675
22790,	22791,	1481, 1482, 1483,	\@fcolmadefalse . . 16562
22792,	22793,	9835, 9836, 9837,	\@ff@do@allframes .
22794,	22795,	18513, 18519,	. . . . . 15738, 15743
22796,	22797,	24079, 24117, 26380	\@ff@fbox . . . . . 15821
22847,	22878,	\@endpetrue . 26126, 26136	\@ff@setoffset . . . 15818
22903,	22904,	\@endtraditionalpoem	\@ffbackground . . . 15808
23009,	23280,	. . . . . 8954, 9019	\@filebordercolor .
23380,	23381,	\@ensure@LR . 20453, 26146	. . . . . 17577, 17579
23388,	23396,	\@ensure@LTR . . 20451,	\@filecolor . . . . . 17595
23403,	23409,	20453, 20461,	\@filef@und . . . . . 6622
23425,	23431,	26144, 26146,	\@finalstrut . . . . .
23444,	23447,	26154, 26156,	2158, 2175, 2192,
23454,	23462,	26158, 27051, 27053	2208, 2224, 2240,
23467,	23482,	\@ensure@RL . 20452, 26145	11632, 11638,
23489,	23504,	\@ensure@RTL . . 20450,	11644, 16049,
23505,	23509,	20452, 26143, 26145	16066, 16082,
23510,	23518,	\@ensure@dir . . 20454,	16110, 16125, 16140
23519,	23523,	20455, 26147, 26148	\@firststampfalse 1437, 1445
23524,	23533,	\@ensure@maindir . .	\@firstcolfirstmark
23534,	23538,	. . . . . 20455, 26148	. . . . . 10057,
23539,	23547,	\@enumctr 2464, 8424, 8425	10058, 10062,
23548,	23558,	\@eqnnum . . . . .	10120, 10121,
23559,	23560,	. 15694, 17892, 26861	10125, 15601,
23561,	23562,	\@evenfoot 2054, 2095,	15602, 15606,
23563,	23564,	4373, 15729, 26785	15637, 15638,
23565,	23566,	\@evenhead . . . . 2053,	15642, 16473,
23567,	23568,	2095, 15728, 26785	16474, 16478,
23569,	23570,	\@expandtwoargs . . . 6908	16522, 16523,
23612,	23643,	\@extrafootnotefeaturesfalse	16527, 19481,
23668,	23669,	. . . . . 4131	19482, 19486,
23774,	24002,	\@extrafootnotefeaturestrue	19581, 19582,
24119,	24167,	. . . . . 4129	19586, 26479,
24363,	24663,	\@extrainfo . . . . .	26480, 26484,
24665,	25018,	. 4914, 10579, 10677	26526, 26527, 26531
25024,	25491,	\@extratitle . . . . .	\@firstcoltopmark .
25973,	25976,	. . 21867, 21874,	. . . . . 10055,
26016,	26019,	21991, 21997,	10063, 10118,
26172,	26382,	22005, 22011,	10126, 15599,
26391,	26480,	22020, 22026,	15607, 15635,
26527,	26792,	22050, 22607,	15643, 16471,
26793,	26795, 26796	22614, 22731,	16479, 16520,
\@emptycol . . . 10442,		22737, 22745,	16528, 19479,
10445, 10461, 10464		22751, 22760,	19487, 19579,
\@emptytoks . . . . . 9727		22766, 22790,	19587, 26477,
\@end@tempboxa 16706,		23380, 23387,	26485, 26524, 26532
16800, 16817, 26284		23504, 23510,	\@firstcolumnfalse
\@endfloatbox . . . . . 4781		23518, 23524,	. . . . . 10048,
\@endmodernpoem 9063, 9083		23533, 23539, 23563	10111, 10481,
\@endparentv . . . . 8973,		\@familyname . . . 4846,	15593, 15629,
9080, 20057, 20077		4848, 4849, 4907,	15753, 16460,



16509, 19472, 19572, 26470, 26517	.. 13035, 13050, 13090, 13159, 13173	12724, 12741, 12781, 12936, 12961, 12997, 13023, 13040, 13080, 13235, 13260, 13296, 13322, 13339, 13379, 13534, 13559, 13595, 13621, 13638, 13678, 13833, 13858, 13894, 13920, 13937, 13977, 14132, 14157, 14193, 14219, 14236, 14276, 14431, 14456, 14492, 14518, 14535, 14575, 14770, 14823, 14989, 15016, 15035, 15079
\@firstcolumntrue . ..... 10066, 10129, 10436, 15609, 15646, 15717, 16484, 16533, 19531, 19631, 26488, 26535	\@fivecollTRfootnotetext ..... 12931, 13028 \@fivecolRTLfootfmt .. 13062, 13077, 13093, 13186, 13200 \@fivecolRTLfootnotetext ..... 12932, 13055 \@fivecolfootfmt .. .. 12989, 13019, 13087, 13117, 13146 \@fivecolfootnotetext ..... 12930, 12976 \@float ..... 7298, 7627 \@floatboxreset ... 4779 \@floatpenalty . 4722, 4724, 4727, 7700, 7702, 7706, 7710, 7744, 7746, 7750, 7754, 7788, 7790, 7794, 7798, 26618, 26620, 26624, 26628, 26662, 26664, 26668, 26672 \@floatplacement . 15351 \@fltovf ..... 4762, 7711, 7755, 7799, 26629, 26673 \@flushglue 8856, 8857, 18676, 21342, 25071, 25075, 25079, 25125, 26322 \@fnsymbol ..... .. 453, 745, 804, 997, 1056, 1247, 1306, 4397, 9244, 9421, 9558, 11317, 11414, 15484, 20816, 20875, 20955, 21016, 21212, 21255, 21442, 21864, 21985, 22604, 22725, 23377, 23498 \@footgroupv@r 11864, 12022, 12051, 12076, 12112, 12138, 12155, 12195, 12350, 12375, 12410, 12435, 12451, 12488, 12637, 12662, 12698,	\@footnote ..... 8518 \@footnotemark . 2266, 2273, 2292, 2299, 2318, 2325, 4689, 4697, 4705, 8027, 8120, 8127, 8149, 8156, 8178, 8185, 9001, 9008, 9015, 16010, 16016, 16019, 16025, 17317, 17506, 17510, 17524, 17525 \@footnotetext .. 34, 79, 151, 152, 153, 237, 282, 2243, 2247, 2252, 4646, 4768, 8048, 8120, 8127, 8871, 8882, 9088, 9102, 10696, 10697, 11587, 11601, 11602, 11646, 11784, 11792, 12045, 12070, 12344, 12369, 12631, 12656, 12930, 12955, 13229, 13254, 13528, 13553, 13827, 13852, 14126, 14151, 14425, 14450,
\@firstdetailselementfalse ..... 10658 \@firstdetailselementtrue ..... 10655 \@firstfooterelementfalse ..... 10574, 10575, 10576, 10577, 10578, 10579 \@firstfooterelementtrue ..... 10559 \@firstname .... 4846, 4848, 4849, 4906, 10553, 10643, 10664 \@firstnamecolour . ..... 4875, 4892 \@firstofone ... 6013, 6020, 6028, 6039, 6053, 6059, 6069, 6075, 7075, 15766, 15784, 15788, 15791, 15794, 15800, 17701, 17702, 17703, 17704, 19446, 22217, 22978, 23743, 26767, 26809, 26821, 26824, 26826, 26833, 26837, 26843 \@firstoftwo ... 3948, 3954, 3960, 5281, 5289, 5293, 5301, 5305, 5313, 5319, 5323, 5336, 5344, 5350, 5354, 5362, 5368, 5371, 5374, 5388, 5395, 5785, 5803, 5809, 5833, 5860, 5890, 5953, 5963, 6613, 19983 \@fivecol@LTRfootgroupv@l ..... 12940, 12965 \@fivecol@footgroupv@r ..... 12936, 12961 \@fivecolLTRfootfmt		



14762,	14815,	12138,	12155,	\@fps . . . . . 4710,
14868,	14870,	12195,	12239,	4711, 4713, 4716, 4733
14919,	14921,	12278,	12410,	\@fpsadddefault 4714, 4717
16036,	16093,	12435,	12451,	\@freelist . . . . 4729,
16155,	17187,	12488,	12531,	7552, 7593, 7708,
17195,	17266,	12568,	12698,	7709, 7752, 7753,
17314,	17507,	12724,	12741,	7796, 7797, 15259,
17511,	17527,	12781,	12825,	16663, 26626,
17528,	18575,	12864,	12997,	26627, 26670,
18726,	19847,	13023,	13040,	26671, 26703, 26704
19849,	19850,	13080,	13124,	\@frontispiece . . . .
21719,	21722,	13163,	13296,	. . 21868, 21871,
22160,	22458,	13322,	13339,	21875, 21878,
22461,	22921,	13379,	13423,	21992, 21996,
23231,	23234,	13462,	13595,	22006, 22010,
23686,	24147,	13621,	13638,	22021, 22025,
24164, 24254, 24256		13678,	13722,	22051, 22608,
\@footstartv@l	11662,	13761,	13894,	22611, 22615,
11693,	11735,	13920,	13937,	22618, 22732,
11772,	11865,	13977,	14021,	22736, 22746,
11986,	12110,	14060,	14193,	22750, 22761,
12140,	12168,	14219,	14236,	22765, 22791,
12182,	12237,	14276,	14320,	23381, 23384,
12305,	12408,	14359,	14492,	23388, 23391,
12437,	12463,	14518,	14535,	23505, 23509,
12476,	12529,	14575,	14619,	23519, 23523,
12593,	12696,	14658,	14771,	23534, 23538, 23564
12726,	12754,	14824,	14989,	\@fs@capt 7641, 7654, 7662
12768,	12823,	15016,	15035,	\@fs@cfont . . . . 7634,
12891,	12995,	15079, 15122, 15163		7640, 7650, 7653,
13025,	13053,	\@for . 6830, 6891, 6904,		7661, 15698, 15699
13067,	13122,	6926, 6930, 7916,		\@fs@iftopcapt . . . .
13190,	13294,	7921, 7935, 7940,		. . . 7645, 7658, 7671
13324,	13352,	7954, 7959, 7982,		\@fs@mid . 7644, 7657, 7669
13366,	13421,	7991, 10026, 25022		\@fs@post 7643, 7656, 7670
13489,	13593,	\@fourcol@LTRfootgroupv@l		\@fs@pre . 7642, 7655, 7663
13623,	13651,	. . . . . 12641, 12666		\@g@tnextcol . . . . 15715
13665,	13720,	\@fourcol@footgroupv@r		\@getcirc . . . . . 15559
13788,	13892,	. . . . . 12637, 12662		\@gnewline . . . 20575,
13922,	13950,	\@fourcollTRfootfmt		20588, 20601, 20612
13964,	14019,	. . 12736, 12751,		\@gobble . . . . . 4626,
14087,	14191,	12791, 12860, 12874		5136, 5160, 5182,
14221,	14249,	\@fourcollTRfootnotetext		5187, 5916, 5917,
14263,	14318,	. . . . . 12632, 12729		5918, 5919, 5920,
14386,	14490,	\@fourcolRTLfootfmt		6015, 6030, 6045,
14520,	14548,	. . 12763, 12778,		6091, 6105, 6117,
14562,	14617,	12794, 12887, 12901		6129, 6819, 6954,
14685,	14777,	\@fourcolRTLfootnotetext		7131, 8691, 8756,
14830,	14880,	. . . . . 12633, 12756		15776, 15777,
14931,	14987,	\@fourcolfootfmt . .		15778, 19443,
15018,	15049,	. . 12690, 12720,		22159, 22160,
15065, 15120, 15192		12788, 12818, 12847		22161, 22162,
\@footstartv@r	11864,	\@fourcolfootnotetext		22920, 22921,
11985,	12112,	. . . . . 12631, 12677		22922, 22923,



23685, 23686,	\@hyper@launch ... 17600	6839, 7074, 7092,
23687, 23688,	\@idxitem 102, 107, 222,	7114, 7119, 7620,
25977, 26020,	227, 603, 618, 867,	7625, 7678, 11169,
26802, 26803, 26804	1119, 8482, 8489,	11170, 17311,
\@gobbletwo . . . . .	9125, 9302, 9513,	17331, 17409,
2077, 5207, 5208,	17826, 17831,	17708, 18173,
5211, 5212, 5222,	20683, 20938,	18298, 18555,
5223, 5226, 5227,	21398, 24425, 26871	19422, 24349,
5230, 5231, 5234,	\@ifclasslater 7117, 7122	26173, 26860,
5235, 6149, 17954,	\@ifclassloaded ...	26873, 26886,
22163, 22924, 23689	... 6737, 7116,	26896, 26900,
\@gtempa . . . . . 5418, 5419	7121, 7151, 8531,	26904, 26908,
\@halignto . . . . . 393,	8533, 9515, 11801,	26909, 26910,
408, 24077, 24115,	15830, 15843,	26911, 26912,
26172, 26378, 26391	26874, 26875,	26919, 26920,
\@hangfrom . . . 22254,	26876, 26877,	26921, 26922,
22284, 22287,	26878, 26879,	26923, 26924,
23015, 23045,	26880, 26881,	26925, 26926,
23048, 23780,	26882, 26883,	26927, 26928,
23810, 23813, 26346	26884, 26885,	26929, 26930,
\@hboxRconstructfalse	26886, 26887,	26931, 26932,
. . . . . 20419, 26092	26888, 26889,	26933, 26934,
\@hboxRconstructtrue	26890, 26891,	26935, 26936,
404, 20409, 24084,	26892, 26893,	26937, 26938,
24123, 26082, 26387	26894, 26895,	26939, 26940,
\@height . . . . . 388,	26896, 26897,	26941, 26942,
1495, 9849, 10324,	26898, 26899,	26943, 26944,
16403, 18527,	26927, 27015, 27016	26945, 26946,
18580, 18696,	\@ifdefinable .. 5400,	26947, 26948,
21805, 21812,	5403, 5406, 5421,	26949, 26950,
22545, 22552,	5663, 5678, 15933	26951, 26952,
23318, 23325,	\@ifdefinitionfileloaded	26953, 26954,
24044, 24072,	. . . . . 5197, 27017	26955, 26956,
24113, 26373, 26742	\@ifempty .. 7, 202, 17854	26957, 26958,
\@highpenalty . . . . .	\@ifl@aded 5196, 5197, 5198	26959, 26960,
. . . . . 9150, 9166,	\@ifnextchar ... 163,	26961, 26962,
9173, 9183, 9327,	405, 4594, 4624,	26963, 26964,
9343, 9350, 9360,	4639, 5653, 6706,	26965, 26968,
9614, 9629, 9639,	6707, 6751, 6752,	26969, 26970,
11470, 15372,	6796, 7713, 7757,	26971, 26994,
15387, 15397,	7801, 9862, 9877,	26995, 26996,
20726, 20742,	16008, 16017,	26997, 26998,
20749, 20759,	16179, 16194,	26999, 27000,
21098, 21114,	16212, 16218,	27001, 27002,
21121, 21131,	16772, 17514,	27003, 27004,
21314, 21328,	17538, 19862,	27005, 27006,
21338, 21498,	20061, 20081,	27007, 27008,
21513, 21523,	25970, 26013,	27009, 27010,
24445, 24480,	26197, 26631, 26675	27011, 27012,
24869, 24893, 24981	\@ifpackagelater ..	27013, 27014,
\@hintcolour .. 4883, 4899	.. 7115, 7120, 15879	27015, 27016,
\@holdpg 10184, 10201,	\@ifpackageloaded .	27018, 27019,
10204, 10221,	. . . . . 170, 1454,	27020, 27021,
10312, 10345, 10347	1993, 5846, 6779,	27022, 27023,



27024,	27025,	24744,	24766,	\@latexbug . . . . .	26704
27026,	27027,	24767,	24815,	\@latexerr . . . . .	
27028,	27029,	24816,	24903,	. 16600, 16610, 16620	
27030,	27031,	24925,	24926,	\@leftcolumn . . . . .	10049,
27032,	27033,	25210,	25233,	10075,	10112,
27034,	27035,	25287,	25347,	10134,	10187,
27036,	27037,	25396, 25413, 25443		10192,	15594,
27038,	27039,	\@ifundefinedmodel		15615,	15630,
27040,	27041,	. . . . . 26003, 26037		15651,	16461,
27042,	27043,	\@ifxempty . . . . . 26063		16489,	16510,
27044,	27045,	\@ignoretrue . . . . . 9749		16542,	19473,
27046, 27047, 27048		\@iiiminipage . . . . 16142		19532,	19545,
\@ifpackagewith . . .		\@iiiparbox . . . . .		19573,	19632,
. . 10003, 18085,		. 12004, 16173, 26255		19641,	26471,
18088,	20660,	\@indextitlestyle .		26497, 26518, 26540	
20663,	24374,	. . . . 100, 220, 17824		\@let@token . . . 5173, 5176	
26913,	26916,	\@inlabelfalse . . . . 9716		\@lettrine . . . . . 17918	
26917,	26918,	\@insertfalse . . . . 10169		\@listI . . . . . 7168	
26972, 26982, 26988		\@inserttrue . . . . 10435		\@listdepth . . . . .	
\@ifstar . . . . .		\@iprintcites . . . . 20567		. . 15992, 16158,	
5770, 6705, 6750,		\@itemdepth . . . . 2455,		16427,	16431,
6792, 6884, 7470,		2475, 2476, 2477		18051,	21746,
11173,	11799,	\@itemfudge . 26752, 26754		22485,	23258,
12064,	12089,	\@itemlabel . . . . . 26218		26209, 26212, 26217	
12363,	12388,	\@ixpt . . . . . 8382		\@listi . . 7168, 7176, 8386	
12650,	12675,	\@keywords . . . . . 324		\@loadwithoptions .	
12949,	12974,	\@kludgeins . . . 15263,		. . . 6629, 6631, 6638	
13248,	13273,	16666, 19889, 19894		\@lowertitleback . .	
13547,	13572,	\@lastchclass . . 353,		. . 21918, 21929,	
13846,	13871,	354, 355, 356, 358,		21941,	21976,
14145,	14170,	1378, 1379, 1380,		22056,	22658,
14444,	14469,	1381, 1383, 1422,		22669,	22681,
14809,	14862,	1423, 1435, 1443,		22716,	22796,
14913, 14964, 16775		24202, 24203,		23431,	23442,
\@iftagsloaded . . . .		24204, 24205,		23454, 23489, 23569	
. 5196, 26901, 26902		24207, 26392, 26393		\@lowpenalty . 4570, 25519	
\@iftexfileloaded .		\@lastvipertrue . . .		\@m . . . 93, 296, 586, 718,	
. 5198, 26966, 26967		. . . . . 10447, 10466		981, 1231, 2533,	
\@ifundefined 330, 331,		\@latex@error . . . . .		9208, 9396, 9708,	
2367, 5003, 5240,		. . . . 5115, 6813,		11267,	11541,
5243, 5248, 5251,		19442, 19695, 19701		15442,	16462,
5256, 5259, 5264,		\@latex@warning . 95,		16464,	16511,
5267, 6694, 6698,		298, 588, 720, 983,		16513,	17816,
6848, 6941, 7862,		1233, 2535, 5033,		19982,	20789,
8345, 8353, 8468,		9210, 9398, 9710,		21183,	21380,
8470, 8475, 8565,		11269, 11543,		21583,	22121,
8582, 9864, 9871,		15444, 17818,		22882, 23647, 24369	
9879, 9885, 15701,		20791, 21185,		\@mainmatterfalse .	
15926,	17711,	21382, 21585,		. . . . . 8718,	
17712,	18109,	22125, 22132,		8748, 9690, 11523	
18120,	18183,	22886, 22893,		\@mainmattertrue . .	
18185,	18190,	23651, 23658, 24371		. . . . . 8715, 8731	
20169,	20657,	\@latex@warning@no@line		\@makeLRFntext . . .	
24664,	24668,	. 10440, 10458, 26718		. . . 2139, 2191, 2239	



<code>\@makeRTLfntext</code> ...	22502, 22505,	<code>\@makewincaption</code> . 20266
... 2134, 2174, 2223	23248, 23275, 23278	<code>\@marbox</code> ..... 7709,
<code>\@makecaption</code> .. 7465,	<code>\@makefrontispiece</code>	7711, 7715, 7719,
9810, 19379,	.. 22000, 22014,	7720, 7753, 7755,
19429, 19461,	22029, 22740,	7759, 7763, 7764,
22211, 22243,	22754, 22769,	7797, 7799, 7803,
22972, 23004,	23513, 23527, 23542	7807, 7808, 26627,
23737, 23769, 26846	<code>\@makeother</code> .... 5769,	26629, 26633,
<code>\@makechapterhead</code> .	5815, 5927, 5935	26637, 26638,
. 301, 9467, 9662,	<code>\@makeschapterhead</code>	26671, 26673,
11494, 15400,	9121, 9298, 9487,	26677, 26681,
20558, 21546, 24390	9508, 9676, 11509,	26682, 26703,
<code>\@makecol</code> 15323, 15324,	15412, 20679,	26713, 26716,
16586, 16596,	20934, 21393,	26724, 26726,
18600, 18612, 26563	21558, 24396, 24401	26727, 26729,
<code>\@makeextratitle</code> ..	<code>\@makespecialcolbox</code>	26730, 26731,
.. 21994, 22008,	..... 15264, 16667	26740, 26744, 26745
22023, 22734,	<code>\@maketitle</code> .... 120,	<code>\@mathmargin</code> .. 11125,
22748, 22763,	316, 320, 460, 462,	11132, 11140, 11147
23507, 23521, 23536	467, 476, 486, 811,	<code>\@maxdepth</code> ... 15275,
<code>\@makefnmark</code> ... 454,	813, 818, 825,	15290, 15311,
805, 1307, 2136,	835, 1063, 1065,	15322, 16677,
2141, 4398, 8023,	1070, 1077, 1087,	26568, 26584, 26595
8034, 9559, 10701,	1313, 1315, 1320,	<code>\@memtempa</code> ... 19379,
10722, 11318,	1327, 1337, 4402,	19381, 19395,
11415, 15485,	4408, 9565, 9567,	19402, 19406, 19411
17841, 19327,	9572, 9581, 9591,	<code>\@menubordercolor</code> .
20876, 21017,	11324, 11326,	..... 17671, 17673
21213, 21256,	11331, 11338,	<code>\@menucolor</code> ..... 17682
21443, 21865,	11348, 11421,	<code>\@midlist</code> .... 15259,
21866, 21986,	11423, 11428,	15260, 16663, 16664
21987, 22605,	11437, 11447,	<code>\@minipagefalse</code> 4783,
22606, 22726,	15491, 15493,	7730, 7739, 7774,
22727, 23378,	15498, 15505,	7783, 7818, 7827,
23379, 23499, 23500	15515, 17880,	12001, 16170,
<code>\@makefntext</code> .... 45,	19332, 19334,	18142, 19435,
59, 75, 248, 262,	19341, 20882,	26648, 26657,
277, 455, 742,	20884, 20889,	26692, 26701, 26852
807, 994, 1057,	20896, 20906,	<code>\@minipagerestore</code> 16159
1244, 1309, 2157,	21023, 21025,	<code>\@minipagetrue</code> ....
2207, 4399, 8021,	21030, 21039,	.... 7738, 7782,
8060, 8078, 8096,	21049, 21267,	7826, 26656, 26700
9241, 9418, 9560,	21269, 21274,	<code>\@minus</code> 4950, 5036, 7164,
11319, 11416,	21283, 21293,	7166, 7173, 7175,
15486, 16048,	21449, 21451,	7177, 7178, 8383,
16065, 16081,	21456, 21465,	8385, 8387, 8388,
16109, 16124,	21475, 22003,	16341, 16379,
16139, 16684,	22017, 22032,	19979, 22400,
19329, 20813,	22044, 22743,	22418, 22428,
20878, 20952,	22757, 22772,	22438, 22449,
21019, 21215,	22784, 23516,	23171, 23191,
21258, 21444,	23530, 23545, 23557	23201, 23211,
21736, 21763,	<code>\@maketitle@hook</code> ..	23222, 23936,
21766, 22475,	..... 118, 17878	23956, 23966,



23976, 23987, 24009	\@mpNineColLTRfootnotetext	\@mpThreeColfootnotetext
\@mkboth . . . . . 571,	. . . . . 14163, 14358	. . . . . 12380, 12527
599, 615, 706,	\@mpNineColRTLfootnotetext	\@mpTwoColLTRfootnotetext
864, 969, 1116,	. . . . . 14164, 14385	. . . . . 12082, 12277
1219, 2077, 9122,	\@mpNineColfootnotetext	\@mpTwoColRTLfootnotetext
9196, 9299, 9384,	. . . . . 14162, 14316	. . . . . 12083, 12304
9509, 9693, 11255,	\@mpParaLTRfootnotetext	\@mpTwoColfootnotetext
11526, 15430,	. 14832, 14937, 15162	. . . . . 12081, 12235
20680, 20777,	\@mpParaRTLfootnotetext	\@mparbottom . . . . .
20935, 21171,	. . . . . 14833, 15191	. . 26714, 26722,
21365, 21394, 21568	\@mpParafootnotetext	26723, 26724, 26725
\@mklab . . . . . 26219	. 14831, 14935, 15118	\@mpargs . . . . .
\@mkpream . 392, 18532,	\@mpRTLfootnotetext	. 12004, 16148, 16173
24075, 24107, 26376	. . . 2211, 11592,	\@mparswitchfalse . 7147
\@mobile 4910, 10575, 10673	11611, 11612,	\@mparswitchtrue . . 7142
\@modernpoem . . 9039, 9083	11759, 11789,	\@mpeightcol@LTRfootgroupv@l
\@mpEightColLTRfootnotetext	11797, 12058,	. . . . . 13845, 13870
. . . . . 13864, 14059	12083, 12357,	\@mpeightcol@footgroupv@r
\@mpEightColRTLfootnotetext	12382, 12644,	. . . . . 13843, 13868
. . . . . 13865, 14086	12669, 12943,	\@mpeightcolLTRfootnotetext
\@mpEightColfootnotetext	12968, 13242,	. . . . . 13839, 14046
. . . . . 13863, 14017	13267, 13541,	\@mpeightcolRTLfootnotetext
\@mpFiveColLTRfootnotetext	13566, 13840,	. . . . . 13840, 14073
. . . . . 12967, 13162	13865, 14139,	\@mpeightcolfootnotetext
\@mpFiveColRTLfootnotetext	14164, 14438,	. . . . . 13838, 13993
. . . . . 12968, 13189	14463, 14780,	\@mpfivecol@LTRfootgroupv@l
\@mpFiveColfootnotetext	14833, 14887,	. . . . . 12948, 12973
. . . . . 12966, 13120	14938, 16097,	\@mpfivecol@footgroupv@r
\@mpFourColLTRfootnotetext	16157, 17206,	. . . . . 12946, 12971
. . . . . 12668, 12863	17231, 17244,	\@mpfivecolLTRfootnotetext
\@mpFourColRTLfootnotetext	17320, 18728, 24258	. . . . . 12942, 13149
. . . . . 12669, 12890	\@mpSevenColLTRfootnotetext	\@mpfivecolRTLfootnotetext
\@mpFourColfootnotetext	. . . . . 13565, 13760	. . . . . 12943, 13176
. . . . . 12667, 12821	\@mpSevenColRTLfootnotetext	\@mpfivecolfootnotetext
\@mpLTRfootnotetext	. . . . . 13566, 13787	. . . . . 12941, 13096
. . . 2227, 11591,	\@mpSevenColfootnotetext	\@mpfn 2253, 2279, 2305,
11609, 11610,	. . . . . 13564, 13718	4664, 4667, 4670,
11747, 11788,	\@mpSixColLTRfootnotetext	4686, 4694, 4702,
11796, 12057,	. . . . . 13266, 13461	8118, 8124, 8147,
12082, 12356,	\@mpSixColRTLfootnotetext	8153, 8176, 8182,
12381, 12643,	. . . . . 13267, 13488	8978, 8981, 8984,
12668, 12942,	\@mpSixColfootnotetext	8998, 9005, 9012,
12967, 13241,	. . . . . 13265, 13419	16008, 16013,
13266, 13540,	\@mpTenColLTRfootnotetext	16017, 16022,
13565, 13839,	. . . . . 14462, 14657	16154, 16184,
13864, 14138,	\@mpTenColRTLfootnotetext	16199, 17192,
14163, 14437,	. . . . . 14463, 14684	17203, 17214,
14462, 14779,	\@mpTenColfootnotetext	17414, 17445,
14832, 14886,	. . . . . 14461, 14615	17476, 17539,
14937, 16112,	\@mpThreeColLTRfootnotetext	18723, 24189, 24196
16156, 17217,	. . . . . 12381, 12567	\@mpfootins . . . 2197,
17232, 17255,	\@mpThreeColRTLfootnotetext	2198, 2213, 2214,
17319, 18727, 24257	. . . . . 12382, 12592	2229, 2230, 11723,
		11724, 11736,



11737,	11748,	14346,	14347,	14388,	14594,
11749,	11760,	14360,	14361,	14601,	14619,
11761,	11773,	14386,	14596,	14623,	14630,
11774,	11917,	14603,	14617,	14658,	14672,
11918,	11920,	14625,	14632,	14673,	14686,
11921,	11994,	14645,	14646,	14687,	15096,
11996,	11999,	14659,	14660,	15103,	15122,
12024,	12026,	14685,	15098,	15126,	15133,
16099,	16100,	15105,	15120,	15163,	15178,
16114,	16115,	15128,	15135,	15179, 15193, 15194	
16129,	16130,	15149,	15150,	\@mpfootnotetext 2195,	
16164,	16165,	15164, 15165, 15192		11590,	11607,
16168, 18712, 18717		\@mpfootinsv@r . . . .		11608,	11722,
\@mpfootinsv@l . . . .		. . . 11985, 12023,		11787,	11795,
. . . 11735, 11772,		12024,	12214,	12056,	12081,
11986,	12025,	12221,	12239,	12355,	12380,
12026,	12216,	12243,	12250,	12642,	12667,
12223,	12237,	12278,	12292,	12941,	12966,
12245,	12252,	12293,	12306,	13240,	13265,
12265,	12266,	12307,	12507,	13539,	13564,
12279,	12280,	12514,	12531,	13838,	13863,
12305,	12509,	12535,	12542,	14137,	14162,
12516,	12529,	12568,	12581,	14436,	14461,
12537,	12544,	12582,	12594,	14778,	14831,
12556,	12557,	12595,	12800,	14882,	14884,
12569,	12570,	12807,	12825,	14933,	14935,
12593,	12802,	12829,	12836,	16127,	16155,
12809,	12823,	12864,	12878,	17195,	17230,
12831,	12838,	12879,	12892,	17233,	17318,
12851,	12852,	12893,	13099,	18726, 24254, 24256	
12865,	12866,	13106,	13124,	\@mpfourcol@LTRfootgroupv@l	
12891,	13101,	13128,	13135,	. . . . . 12649, 12674	
13108,	13122,	13163,	13177,	\@mpfourcol@footgroupv@r	
13130,	13137,	13178,	13191,	. . . . . 12647, 12672	
13150,	13151,	13192,	13398,	\@mpfourcolLTRfootnotetext	
13164,	13165,	13405,	13423,	. . . . . 12643, 12850	
13190,	13400,	13427,	13434,	\@mpfourcolRTLfootnotetext	
13407,	13421,	13462,	13476,	. . . . . 12644, 12877	
13429,	13436,	13477,	13490,	\@mpfourcolfootnotetext	
13449,	13450,	13491,	13697,	. . . . . 12642, 12797	
13463,	13464,	13704,	13722,	\@mplistdepth 15992, 16158	
13489,	13699,	13726,	13733,	\@mpninecol@LTRfootgroupv@l	
13706,	13720,	13761,	13775,	. . . . . 14144, 14169	
13728,	13735,	13776,	13789,	\@mpninecol@footgroupv@r	
13748,	13749,	13790,	13996,	. . . . . 14142, 14167	
13762,	13763,	14003,	14021,	\@mpninecolLTRfootnotetext	
13788,	13998,	14025,	14032,	. . . . . 14138, 14345	
14005,	14019,	14060,	14074,	\@mpninecolRTLfootnotetext	
14027,	14034,	14075,	14088,	. . . . . 14139, 14372	
14047,	14048,	14089,	14295,	\@mpninecolfootnotetext	
14061,	14062,	14302,	14320,	. . . . . 14137, 14292	
14087,	14297,	14324,	14331,	\@mppara@LTRfootgroupv@l	
14304,	14318,	14359,	14373,	. . . . . 14785,	
14326,	14333,	14374,	14387,	14838, 14890, 14941	



\@mppara@footgroupv@r	\@mptwocolRTLfootnotetext	24746,	24747,
..... 14784, 14837	..... 12058, 12291	24748,	24749,
\@mpparaLTRfootnotetext	\@mptwocolfootnotetext	24750,	24751,
. 14779, 14886, 15148	..... 12056, 12211	24752,	24753,
\@mpparaRTLfootnotetext	\@namedef	24768,	24769,
..... 14780, 15177	..... 6698,	24770,	24771,
\@mpparafootnotetext	6849, 9036, 12006,	24773,	24774,
. 14778, 14884, 15093	12042, 12043,	24776,	24779,
\@mpsevenscol@LTRfootgroupv@l	12067, 12068,	24782,	24790,
..... 13546, 13571	12319, 12325,	24791,	24793,
\@mpsevenscol@footgroupv@r	12331, 12336,	24796,	24799,
..... 13544, 13569	12341, 12342,	24812,	24817,
\@mpsevenscolLTRfootnotetext	12366, 12367,	24818,	24819,
..... 13540, 13747	12606, 12612,	24821,	24822,
\@mpsevenscolRTLfootnotetext	12618, 12623,	24824,	24827,
..... 13541, 13774	12628, 12629,	24830,	24838,
\@mpsevenscolfootnotetext	12653, 12654,	24839,	24841,
..... 13539, 13694	12905, 12911,	24844,	24847,
\@mpsixcol@LTRfootgroupv@l	12917, 12922,	24859,	24904,
..... 13247, 13272	12927, 12928,	24905,	24906,
\@mpsixcol@footgroupv@r	12952, 12953,	24907,	24908,
..... 13245, 13270	13204, 13210,	24909,	24910,
\@mpsixcolLTRfootnotetext	13216, 13221,	24911,	24912,
..... 13241, 13448	13226, 13227,	24927,	24928,
\@mpsixcolRTLfootnotetext	13251, 13252,	24929,	24930,
..... 13242, 13475	13503, 13509,	24932,	24933,
\@mpsixcolfootnotetext	13515, 13520,	24935,	24938,
..... 13240, 13395	13525, 13526,	24941,	24949,
\@mptencol@LTRfootgroupv@l	13550, 13551,	24950,	24952,
..... 14443, 14468	13802, 13808,	24955,	24958,
\@mptencol@footgroupv@r	13814, 13819,	24971,	25211,
..... 14441, 14466	13824, 13825,	25212,	25213,
\@mptencolLTRfootnotetext	13849, 13850,	25214,	25215,
..... 14437, 14644	14101, 14107,	25216,	25217,
\@mptencolRTLfootnotetext	14113, 14118,	25218,	25219,
..... 14438, 14671	14123, 14124,	25258,	25264,
\@mptencolfootnotetext	14148, 14149,	25271,	25277,
..... 14436, 14591	14400, 14406,	25284,	25288,
\@mpthreecol@LTRfootgroupv@l	14412, 14417,	25289,	25290,
..... 12362, 12387	14422, 14423,	25291,	25293,
\@mpthreecol@footgroupv@r	14447, 14448,	25294,	25296,
..... 12360, 12385	14699, 14705,	25299,	25302,
\@mpthreecolLTRfootnotetext	14711, 14716,	25310,	25311,
..... 12356, 12555	14759, 14760,	25313,	25316,
\@mpthreecolRTLfootnotetext	14812, 14813,	25319,	25344,
..... 12357, 12580	14865, 14916,	25348,	25349,
\@mpthreecolfootnotetext	15207, 15218,	25350,	25352,
..... 12355, 12504	15234, 15243,	25353,	25355,
\@mptwocol@LTRfootgroupv@l	15252, 18650,	25358,	25361,
..... 12063, 12088	24679, 24718,	25369,	25370,
\@mptwocol@footgroupv@r	24719, 24720,	25372,	25375,
..... 12061, 12086	24721, 24722,	25378,	25398,
\@mptwocolLTRfootnotetext	24723, 24724,	25401,	25405,
..... 12057, 12264	24725, 24726,	25445, 25448, 25452	
	24727, 24745,		



\@nameuse . 6695, 9034,	24712, 24713,	18104, 18113,
11055, 11105,	24715, 24716,	18124, 18534,
11108, 11154,	24723, 24728,	19331, 19408,
12322, 12323,	24729, 24812,	19671, 20060,
12328, 12329,	24859, 24863,	20080, 20881,
12333, 12334,	24864, 24876,	21022, 21219,
12338, 12339,	24886, 24887,	21262, 21266,
12609, 12610,	24971, 24975,	21448, 21746,
12615, 12616,	24976, 24997,	21773, 21775,
12620, 12621,	25013, 25016,	21990, 22157,
12625, 12626,	25017, 25021,	22485, 22512,
12908, 12909,	25027, 25028,	22514, 22730,
12914, 12915,	25029, 25033,	22918, 23258,
12919, 12920,	25036, 25040,	23285, 23287,
12924, 12925,	25042, 25056,	23503, 23683,
13207, 13208,	25058, 25060,	24137, 24141,
13213, 13214,	25066, 25084,	24202, 24211,
13218, 13219,	25085, 25087,	24218, 24520,
13223, 13224,	25088, 25098,	24863, 24864,
13506, 13507,	25100, 25103,	24975, 24976,
13512, 13513,	25104, 25106,	25205, 25919,
13517, 13518,	25108, 25109,	26066, 26212,
13522, 13523,	25117, 25119,	26253, 26288,
13805, 13806,	25123, 25124,	26290, 26291,
13811, 13812,	25128, 25132,	26292, 26297,
13816, 13817,	25136, 25137,	26299, 26300,
13821, 13822,	25205, 25238,	26301, 26306,
14104, 14105,	25245, 25250,	26308, 26309,
14110, 14111,	25251, 25258,	26310, 26315,
14115, 14116,	25337, 25344,	26317, 26318,
14120, 14121,	25415, 25482,	26319, 26395,
14403, 14404,	26005, 26039, 26776	26397, 26440, 26704
14409, 14410,	\@ne . . . . . 137,	\@newlistfalse . . . .
14414, 14415,	142, 353, 362, 365,	. . . . . 15765, 26765
14419, 14420,	459, 810, 1062,	\@next . . . . . 4729,
14702, 14703,	1312, 1378, 1387,	7708, 7709, 7752,
14708, 14709,	1390, 1391, 1392,	7753, 7796, 7797,
14713, 14714,	1425, 1428, 1429,	26626, 26627,
14718, 14719,	1430, 2196, 2212,	26670, 26671, 26703
15208, 15215,	2228, 2476, 4189,	\@nextchar . . . . 359,
15219, 15226,	4194, 4195, 4196,	361, 362, 363,
15235, 15240,	4739, 5041, 5069,	365, 366, 367, 368,
15244, 15249,	5104, 5434, 5488,	369, 372, 373, 374,
15721, 21916,	5542, 6272, 6431,	1384, 1386, 1387,
22251, 22656,	6502, 6563, 7056,	1388, 1390, 1391,
23012, 23429,	7065, 9564, 10014,	1392, 1393, 1394,
23777, 24408,	11323, 11420,	1395, 1396, 1399,
24680, 24681,	11881, 11929,	1400, 1401, 1413,
24682, 24685,	11944, 11969,	1415, 1416, 1481,
24688, 24693,	15490, 16098,	1482, 1483, 9835,
24694, 24699,	16113, 16128,	9836, 9837, 24208,
24703, 24704,	16441, 17547,	24210, 24211,
24706, 24707,	17548, 17553,	24212, 24213,
24709, 24710,	18040, 18097,	24214, 24215,



24216, 24218,	21381, 21584,	\@outputbox . . . . .
24219, 24220,	22124, 22131,	. . 10049, 10052,
24221, 24222,	22885, 22892,	10053, 10067,
24225, 24226, 24227	23650, 23657, 24370	10079, 10084,
\@nil . . . . . 1466, 1467,	\@nonlatinfalse 3975,	10086, 10112,
1469, 1470, 9824,	4093, 18131, 18175	10115, 10116,
10744, 10801,	\@nonlatintrue . 3976,	10130, 10140,
17714, 17723,	4095, 18131, 18175	10143, 10145,
17725, 17737, 24323	\@normalLTRfootfmt	15266, 15268,
\@ninecol@LTRfootgroupv@l	. 11640, 11719, 11757	15269, 15274,
. . . . . 14136, 14161	\@normalRTLfootfmt	15289, 15291,
\@ninecol@footgroupv@r	. . 11634, 11688,	15305, 15315,
. . . . . 14132, 14157	11704, 11769, 11782	15594, 15597,
\@ninecolLTRfootfmt	\@normalcr . . . . . 18679	15610, 15619,
. . 14231, 14246,	\@normalfootfmt . . .	15630, 15633,
14286, 14355, 14369	. . 11628, 11657,	15647, 15657,
\@ninecolLTRfootnotetext	11673, 11732, 11745	15738, 15743,
. . . . . 14127, 14224	\@notprerr . . . 6015, 6030	15790, 16461,
\@ninecolRTLfootfmt	\@nx . . . . . 124,	16468, 16469,
. . 14258, 14273,	125, 334, 17884, 17885	16485, 16495,
14289, 14382, 14396	\@nxtcol . . . . .	16510, 16517,
\@ninecolRTLfootnotetext	. 15713, 15715, 15756	16518, 16534,
. . . . . 14128, 14251	\@oddfoot . . . . .	16546, 16585,
\@ninecolfootfmt . .	2049, 2054, 2090,	16597, 16631,
. . 14185, 14215,	2095, 4368, 15726,	16633, 16644,
14283, 14313, 14342	15733, 26779, 26796	16669, 16672,
\@ninecolfootnotetext	\@oddhead . 1973, 2053,	16673, 18618,
. . . . . 14126, 14172	2078, 2095, 15725,	18620, 18622,
\@nmbrlistfalse . . 26220	15732, 26779, 26795	19473, 19476,
\@nobreakefalse . 520,	\@oldmakefnmark 21865,	19477, 19507,
672, 916, 1155,	21866, 21986,	19532, 19535,
9160, 9337, 9624,	21987, 22605,	19537, 19549,
11479, 15382,	22606, 22726,	19573, 19576,
20736, 21108,	22727, 23378,	19577, 19607,
21323, 21508,	23379, 23499, 23500	19632, 19635,
24467, 24471, 25006	\@onefilewithoptions	19637, 19647,
\@nobreaketrue . . 519,	. . . 6645, 6646, 6653	20126, 20129,
671, 915, 1154,	\@onelevel@sanitize 4711	20134, 26471,
9159, 9336, 9623,	\@onlypreamble . . . .	26474, 26475,
11478, 15381,	. . . . 4070, 6868,	26489, 26501,
20735, 21107,	6878, 6882, 14752,	26518, 26521,
21322, 21507,	14753, 14757, 15355	26522, 26536,
24466, 24470, 25005	\@openbib@code . . . .	26546, 26565,
\@nocnterr . . . . . 331	. . 578, 713, 976,	26567, 26581,
\@nocounterr . . . . . 330	1226, 5026, 5037,	26583, 26594, 26823
\@nodocument . . . . . 4708	9203, 9391, 9700,	\@outputdblcol 15712,
\@noitemerr . . . . .	11262, 11533,	26559, 26560, 26561
. . . 95, 298, 587,	15437, 20784,	\@outputpage . . . . .
719, 982, 1232,	21178, 21372,	. . 10092, 10096,
2534, 5033, 9209,	21575, 22107,	10151, 10155,
9397, 9709, 11268,	22868, 23633, 24361	15622, 15625,
11542, 15443,	\@otarlinesep 24097, 24103	15660, 15664,
17818, 19989,	\@outerparskip . . . . 9077	15740, 15744,
20790, 21184,		15749, 15760,



16498, 16502,	\@parboxrestore . 42,	\@pdfm@mark . . . . .
16551, 16555,	56, 72, 245, 259,	. . 17555, 17571,
18601, 18613,	274, 2153, 2170,	17605, 17636,
19555, 19560,	2187, 2203, 2219,	17665, 17740,
19652, 19657,	2235, 4778, 7459,	17745, 17756,
20118, 20119,	7727, 7771, 7815,	17761, 17772,
26506, 26510,	9754, 11728,	17778, 17789, 17795
26549, 26553, 26760	11741, 11753,	\@pdfremotestartview
\@ovbtrue . . . . . 15548	11765, 11778,	. . . . . 17586
\@ovdx . . . . . 15561, 15569	11879, 12228,	\@phone 4911, 10576, 10674
\@ovdy . . . . . 15562, 15570	12257, 12270,	\@photo . . 4916, 10549,
\@ovhorz . . . 15567, 15568	12284, 12297,	10551, 10680, 10682
\@ovltrue . . . . . 15548	12311, 12521,	\@photowidth . . 4915,
\@ovri . . . . . 15560	12549, 12561,	4916, 10551, 10647
\@ovro 15560, 15569, 15570	12574, 12586,	\@pkgextension . . . .
\@ovrtrue . . . . . 15548	12599, 12814,	6673, 6684, 6748,
\@ovttrue . . . . . 15548	12843, 12856,	6757, 6765, 6768, 6776
\@ovvert . . . 15565, 15566	12870, 12883,	\@plus . . . . . 24,
\@ovxx . . . . . 15550,	12897, 13113,	103, 223, 510, 527,
15551, 15554,	13142, 13155,	602, 617, 646, 649,
15561, 15566,	13169, 13182,	662, 680, 687, 866,
15567, 15571, 15572	13196, 13412,	873, 876, 889, 906,
\@ovyy . . 15552, 15553,	13441, 13454,	924, 1118, 1129,
15554, 15562, 15568	13468, 13481,	1132, 1145, 1163,
\@pagedp . . . 26732, 26742	13495, 13711,	1171, 4950, 5036,
\@pageht 10173, 10179,	13740, 13753,	7164, 7165, 7166,
15331, 15332,	13767, 13780,	7173, 7174, 7175,
15333, 26715, 26722	13794, 14010,	7177, 7178, 8383,
\@par . . . . . 25140	14039, 14052,	8384, 8385, 8387,
\@paraLTRfootgroupv@l	14066, 14079,	8388, 8454, 9124,
. . . . . 14776,	14093, 14309,	9135, 9138, 9151,
14829, 14879, 14930	14338, 14351,	9167, 9174, 9301,
\@para@footgroupv@r	14365, 14378,	9312, 9315, 9328,
. . . . . 14770, 14823	14392, 14608,	9344, 9351, 9512,
\@para@footstartv@l	14637, 14650,	9615, 9630, 11202,
. . . . . 14777,	14664, 14677,	11216, 11471,
14830, 14880, 14931	14691, 15110,	15083, 15087,
\@para@footstartv@r	15140, 15154,	15091, 15373,
. . . . . 14771, 14824	15169, 15183,	15388, 16341,
\@paraLTRfootfmt . .	15198, 15213,	16379, 17827,
. . 15030, 15046,	15224, 15765,	17847, 19722,
15085, 15159, 15174	16043, 16060,	19734, 19979,
\@paraLTRfootnotetext	16076, 16105,	20682, 20711,
. 14763, 14872, 15021	16120, 16135,	20714, 20727,
\@paraRTLfootfmt . .	16153, 19456,	20743, 20750,
. . 15060, 15076,	19670, 26271,	20937, 21083,
15089, 15188, 15203	26645, 26689, 26766	21086, 21099,
\@paraRTLfootnotetext	\@parboxto . 26274, 26281	21115, 21122,
. . . . . 14764, 15051	\@parmoderr . . . . .	21315, 21329,
\@parafootfmt . . . . .	4727, 7705, 7749,	21397, 21499,
. . 14981, 15012,	7793, 26623, 26667	21514, 21803,
15081, 15115, 15145	\@part . . . . . 550, 11226	21810, 21819,
\@parafootnotetext	\@pboxswfalse 16144, 26257	21882, 21908,
. 14762, 14870, 14966	\@pboxswtrue . . . . . 26279	21953, 22364,



22382,	22400,	20733,	20753,	13912,	13928,
22401,	22418,	20754,	20758,	13943,	13955,
22419,	22428,	21102,	21103,	13970,	14181,
22429,	22438,	21105,	21125,	14211,	14227,
22449,	22543,	21126,	21130,	14242,	14254,
22550,	22559,	21317,	21318,	14269,	14480,
22622,	22648,	21320,	21332,	14510,	14526,
22693,	23126,	21333,	21337,	14541,	14553,
23145,	23171,	21502,	21503,	14568,	14976,
23172,	23191,	21505,	21517,	15007,	15025,
23192,	23201,	21518,	21522,	15041, 15055, 15071	
23202,	23211,	24330,	24339,	\@preamfourfmt	12783,
23222,	23316,	24341,	24729,	12789, 12792, 12795	
23323,	23332,	24878,	24879,	\@preamninefmt	14278,
23395,	23421,	24891,	24990,	14284, 14287, 14290	
23466,	23891,	24991,	25000,	\@preamnormalfmt	..
23910,	23936,	25264,	25271,	..... 11624,	
23937,	23956,	25617, 25722, 26420		11629, 11635, 11641	
23957,	23966,	\@preamble	.... 393,	\@preamsevenfmt	13680,
23967,	23976,	394, 404, 406,		13686, 13689, 13692	
23987,	24008,	1438, 1446, 18538,		\@preamsixfmt	. 13381,
24274,	24303,	24076, 24078,		13387, 13390, 13393	
24424,	24699,	24085, 24115,		\@preamtenfmt	. 14577,
24867,	24870,	24116, 24124,		14583, 14586, 14589	
24874,	24979,	26377, 26379, 26388		\@preamthreefmt	12490,
24982,	24986,	\@preameightfmt	13979,	12496, 12499, 12502	
25061,	25398,	13985, 13988, 13991		\@preamtwofmt	. 12197,
25401,	25405,	\@preamerr	.....	12203, 12206, 12209	
25526, 25710, 26408		. 375, 1402, 1432,		\@printcites	..... 20569
\@pnumwidth	... 13, 15,	24228, 26386, 26399		\@pstrickserr	.... 20503
208, 210, 513, 514,		\@preamfivefmt	13082,	\@ptsize	..... 4814,
516, 530, 531, 535,		13088, 13091, 13094		4815, 4816, 4817, 4824	
665, 666, 668, 690,		\@preamfntext	. 11652,	\@publisher	... 8546, 8599
691, 695, 892, 893,		11668, 11683,		\@publishers	.. 21909,
897, 909, 910, 912,		11699, 11714,		22054, 22649,	
1148, 1149, 1151,		11874, 12100,		22794, 23422, 23567	
1174, 1175, 1179,		12130, 12146,		\@quote	.. 4917, 10555,
9154, 9155, 9157,		12161, 12173,		10557, 10684, 10686	
9177, 9178, 9182,		12188, 12399,		\@quotebox	..... 20568
9331, 9332, 9334,		12428, 12443,		\@quotecolour	.....
9354, 9355, 9359,		12457, 12468,		... 4879, 4896, 5006	
9618, 9619, 9621,		12482, 12686,		\@r@m@msize	..... 24110
9633, 9634, 9638,		12716, 12732,		\@raggedtwoe@abdhook	
9899, 9904, 9905,		12747, 12759,		. 20643, 20648, 20658	
11205, 11206,		12774, 12985,		\@raggedtwoe@document@opt	
11210, 11219,		13015, 13031,		. 20642, 20646, 20664	
11220, 11222,		13046, 13058,		\@raggedtwoe@everyselectfont	
11473, 11474,		13073, 13284,		..... 20582,	
11476, 15376,		13314, 13330,		20595, 20608, 20619	
15377, 15379,		13345, 13357,		\@raggedtwoe@footmisctrue	
15391, 15392,		13372, 13583,		..... 20645	
15396, 17860,		13613, 13629,		\@raggedtwoe@gnewline	
17862, 19742,		13644, 13656,		. 20575, 20588, 20601	
20730, 20731,		13671, 13882,			



\@raggedtwoe@raggedrightboxes@opt	9514, 19515,	\@setfontsize . . . . .
. . . . . 20621,	19523, 19527,	7163, 7172, 8382,
20640, 20644, 20661	19533, 19599,	8392, 8393, 8394,
\@raggedtwoe@saved@gnewline	19604, 19605,	8395, 8396, 8397, 8398
. . . . . 20612	19614, 19615,	\@setfzpsbit . . . . .
\@raggedtwoe@savedcr	19623, 19627, 19633	. . . 4743, 4746, 4749
. . . . . 20572,	\@rightskip . . . 18675,	\@setmarks . . . 10059,
20585, 20598, 20611	20577, 20578,	10061, 10091,
\@raggedtwoe@spaceskipfalse	20590, 20591,	10122, 10124,
. . . . . 20618	20603, 20604,	10150, 15603,
\@raggedtwoe@spaceskiptrue	20614, 20615, 26322	15605, 15622,
. 20581, 20594, 20607	\@rjfieldfalse . . . 26750	15639, 15641,
\@rc@ifdefinable . .	\@runbordercolor . .	15659, 16475,
. . . . . 5421, 5678	. . . . . 17611, 17613	16477, 16497,
\@regtocline . . . 643,	\@runcolor . . . . . 17627	16524, 16526,
681, 698, 870,	\@s@size . . . . . 24110	16550, 19483,
900, 925, 1126,	\@s@bidi@AfterClass	19485, 19554,
1164, 1182, 9132,	. . . . . 6705,	19583, 19585,
9168, 9186, 9309,	6714, 6726, 6735	19651, 26481,
9345, 9363, 20708,	\@s@bidi@AfterPackage	26483, 26505,
20744, 20762,	. . . . . 6750,	26528, 26530, 26548
21080, 21116, 21134	6758, 6769, 6777	\@setminipage . . 7461,
\@reinsets . . . . . 15346	\@sarray . . . . . 24069	16160, 16435, 19458
\@rememsize . 24107, 24110	\@savemarbox . . . . . 26744	\@setpar . . . . . 21216,
\@removefromreset .	\@secondoftwo . . . . .	21259, 21769,
. . . . . 19998, 20000	3950, 3956, 3962,	21780, 22508,
\@reqcolroom . . . . .	5283, 5287, 5295,	22520, 23281, 23293
. . 10173, 10174,	5299, 5307, 5311,	\@settab . . . . . 9044
10175, 10176,	5317, 5325, 5338,	\@sevenscol@LTRfootgroupv@l
10178, 10179,	5347, 5356, 5365,	. . . . . 13538, 13563
10180, 10181,	5371, 5374, 5385,	\@sevenscol@footgroupv@r
10182, 10183, 10423	5390, 5397, 5776,	. . . . . 13534, 13559
\@resetactivechars	5786, 5787, 5788,	\@sevenscollTRfootfmt
. . . . . 15763, 26763	5789, 5795, 5804,	. . 13633, 13648,
\@resetdyn@mics . . 15751	5810, 5834, 5862,	13688, 13757, 13771
\@resetst@tics . . . 15750	5890, 5942, 5954,	\@sevenscollTRfootnotetext
\@restonecolfalse .	5955, 5964, 6610,	. . . . . 13529, 13626
. . . 98, 218, 592,	6738, 6780, 15356	\@sevenscolRTLfootfmt
608, 857, 1109,	\@secpenalty . . . . . 5,	. . 13660, 13675,
9115, 9292, 9502,	200, 509, 526, 661,	13691, 13784, 13798
17822, 20673,	679, 686, 888,	\@sevenscolRTLfootnotetext
20928, 21387, 24382	905, 923, 1144,	. . . . . 13530, 13653
\@restonecoltrue . .	1162, 1170, 11201,	\@sevenscolfootfmt .
. . . 98, 218, 594,	11215, 17852,	. . 13587, 13617,
610, 859, 1111,	24315, 24447,	13685, 13715, 13744
9117, 9294, 9504,	24502, 24866,	\@sevenscolfootnotetext
17822, 20675,	24873, 24978, 24985	. . . . . 13528, 13574
20930, 21389, 24384	\@sectiontitlecolour	\@sharp . . . . . 400,
\@resumename . . 4849, 4905	. . . . . 4880, 4897	1440, 1441, 1442,
\@revlabeltrue . 743,	\@seesize . . 24107, 24110	1448, 1449, 1450,
995, 1245, 9242,	\@setcol . . . . . 15757	17714, 17720,
9419, 20814, 20953	\@setcolbox . 15718, 15754	18530, 24081,
\@rightcolumn . 19499,	\@setcopyright 112, 17872	24116, 24122, 26383
19504, 19505,		



<code>\@sixcol@LTRfootgroupv@1</code>	<code>\@stopfield</code> 9051, 9066,	7941, 7953, 7954,
..... 13239, 13264	9070, 9098, 26750	7960, 7981, 7982, 7992
<code>\@sixcol@footgroupv@r</code>	<code>\@stopline</code> .. 9070, 26750	<code>\@tempa</code> ..... 123,
..... 13235, 13260	<code>\@stpelt</code> . 6137, 6141, 6143	126, 133, 134, 135,
<code>\@sixcolLTRfootfmt</code>	<code>\@strip</code> ..... 19667	136, 790, 792, 794,
.. 13334, 13349,	<code>\@subjclass</code> ..... 324	798, 1042, 1044,
13389, 13458, 13472	<code>\@subject</code> 21890, 21891,	1046, 1050, 1292,
<code>\@sixcolLTRfootnotetext</code>	22053, 22630,	1294, 1296, 1300,
..... 13230, 13327	22631, 22793,	2258, 2284, 2310,
<code>\@sixcolRTLfootfmt</code>	23403, 23404, 23566	5071, 5078, 5109,
.. 13361, 13376,	<code>\@subsectioncolour</code>	5110, 5113, 5239,
13392, 13485, 13499	..... 4882, 4898	5240, 5243, 5245,
<code>\@sixcolRTLfootnotetext</code>	<code>\@subtitle</code> ... 21896,	5247, 5248, 5251,
..... 13231, 13354	22049, 22636,	5253, 5255, 5256,
<code>\@sixcolfootfmt</code> ...	22789, 23409, 23562	5259, 5261, 5263,
.. 13288, 13318,	<code>\@tabacol</code> 4656, 18515,	5264, 5267, 5269,
13386, 13416, 13445	24063, 26183, 26363	5435, 5445, 5451,
<code>\@sixcolfootnotetext</code>	<code>\@tabarray</code> . 381, 405,	5463, 5470, 5476,
..... 13229, 13275	409, 4658, 18502,	5489, 5499, 5505,
<code>\@skip@bove</code> . 24101, 24103	18504, 20035,	5517, 5524, 5530,
<code>\@spaces</code> .....	20037, 26178,	5543, 5556, 5562,
. 24139, 24180, 24185	26185, 26365, 26391	5580, 5590, 5596,
<code>\@spart</code> ..... 11245	<code>\@tabclassiv</code> .....	11933, 11940,
<code>\@specialpagefalse</code>	... 4658, 18516,	15549, 16737,
..... 15720, 26776	24065, 26185, 26365	16738, 16739,
<code>\@specialstyle</code> ....	<code>\@tabclassz</code> .....	16740, 16777,
..... 15721, 26776	1443, 4657, 18516,	16780, 16781,
<code>\@stabarray</code> ..... 24065	24064, 26184, 26364	16787, 16798,
<code>\@stabular</code> ..... 24061	<code>\@tabcr</code> ..... 9047, 9057	16799, 16805,
<code>\@star@or@long</code> . 5416,	<code>\@tabminus</code> ..... 9045	16810, 16811,
5648, 5672, 5683	<code>\@tabplus</code> ..... 9044	16813, 16816,
<code>\@startcolumn</code> .... 16560	<code>\@tabular</code> 377, 4644, 26361	16873, 16874,
<code>\@startdblcolumn</code> ..	<code>\@tabularcr</code> .....	16875, 16876,
..... 10095,	... 4658, 18520,	17333, 17337,
10097, 10154,	24065, 26185, 26365	17340, 17352,
10156, 15623,	<code>\@tagsextension</code> 5193, 5196	17371, 17375,
15625, 15663,	<code>\@tarlinesep</code> .. 24103,	17378, 17390,
15664, 15747,	24104, 24105,	17883, 17886,
15749, 16501,	24106, 24109, 24111	17936, 17937,
16503, 16554,	<code>\@temp@bibkey</code> .. 7916,	18582, 18583,
16556, 19558,	7935, 7954, 7982	18585, 18586,
19561, 19655,	<code>\@temp@bibkeyx</code> ....	20001, 20002,
19658, 26509,	.... 7921, 7922,	20003, 20006,
26511, 26552, 26554	7924, 7925, 7926,	20013, 20019,
<code>\@startfield</code> ..... 9086	7927, 7940, 7941,	20861, 20863,
<code>\@startpbox</code> .... 1415,	7943, 7944, 7945,	20865, 20869,
1416, 1481, 1482,	7946, 7959, 7960,	21002, 21004,
1483, 9835, 9836,	7962, 7963, 7964,	21006, 21010,
9837, 18517,	7965, 7991, 7992,	21593, 21594,
18518, 18524,	7994, 7995, 7996, 7997	21636, 21637,
24079, 24117, 26380	<code>\@temp@last@bibkey</code>	21768, 22109,
<code>\@startsection</code> 23, 17846	.... 7915, 7916,	22112, 22507,
<code>\@starttoc</code> ... 8349, 8357	7922, 7934, 7935,	22870, 22873,
		23280, 23635,



23638,	24188,	19402,	19431,	209, 385, 386, 388,
24190,	24195,	19432,	19436,	511, 528, 533, 651,
24197,	25708,	20267,	20268,	664, 688, 693, 878,
25725,	25729,	20271,	24162,	879, 890, 895, 908,
25730,	25731,	24182,	25669,	1134, 1147, 1172,
25740,	25754,	25672,	25677,	1177, 1460, 1461,
25930,	25933,	25681,	25685,	1493, 1494, 1495,
25939, 25943, 25957		25689,	25693,	2066, 2374, 2378,
\@tempb . . . . .	5109,	25697,	25701,	2379, 2391, 2392,
5110, 5112, 5113,		25705,	26346,	2394, 2417, 2419,
16737,	16738,	26347,	26402,	2430, 2432, 3452,
16778,	16780,	26403,	26404,	3453, 4811, 4813,
16808,	16810,	26405,	26629,	8370, 8371, 9140,
16811,	16813,	26673,	26811,	9153, 9175, 9180,
16816,	20005,	26818,	26819,	9317, 9330, 9352,
20006,	20012,	26848, 26849, 26853		9357, 9616, 9631,
20013, 20018, 20019		\@tempc . 16779, 16781,		9636, 9847, 9848,
\@tempboxa . . . .	1979,	16787, 17964, 17969		9849, 9897, 9902,
1980, 1981, 1982,		\@tempcnta . . . . .		10713, 10714,
1983, 2083, 2084,		1406, 1465, 1466,		10715, 10716,
2085, 2086, 2087,		1467, 1469, 1470,		10734, 10735,
2340, 2357, 2358,		2376, 2377, 2379,		10736, 10737,
2359, 2360, 2361,		4731, 4737, 4739,		10743, 10745,
2362, 2363, 2364,		4752, 4753, 4759,		10746, 10750,
2403, 2405, 2406,		4760, 5086, 5088,		10751, 10752,
2407, 2412, 2425,		5092, 9822, 9824,		10753, 10754,
7711, 7755, 7799,		10742, 10799,		10762, 10766,
10189, 10190,		18003, 18005,		10769, 10770,
10767, 10768,		18008, 18031,		10771, 10785,
10769, 10770,		18032, 18040,		10786, 10787,
10772, 10821,		20085, 20087,		10800, 10802,
10822, 10823,		20088, 20094,		10803, 10807,
10824, 10826,		20098, 20111,		10808, 10809,
12004, 15560,		20167, 20169,		10810, 10811,
15564, 15572,		20173, 20176,		10817, 10820,
15573, 15698,		20178, 21961,		10823, 10824,
15699, 15700,		21963, 22701,		10825, 10837,
16149, 16173,		22703, 23474,		10838, 10839,
16278, 16323,		23476, 24175,		11055, 11056,
16330, 16340,		25516, 25517,		11061, 11062,
16343, 16347,		25518, 25537,		11063, 11064,
16349, 16355,		25538, 25539,		11065, 11180,
16389, 16391,		25541, 25543,		11182, 11184,
16397, 16410,		25625, 25626,		11203, 11208,
16414, 16415,		25627, 26704,		11218, 14749,
16703, 16799,		26706, 26709,		14788, 14789,
16816, 16965,		26711, 26713, 26735		14792, 14793,
17146, 17148,		\@tempcntb . . . . .		14799, 14800,
18134, 18139,		2387, 2388, 2390,		14801, 14802,
18143, 18547,		4757, 4758, 4759,		14804, 14841,
18548, 18551,		20086, 20087,		14842, 14845,
19384, 19387,		20094, 20098, 20111		14846, 14852,
19391, 19393,		\@tempdima . 8, 10, 12,		14853, 14854,
19399, 19401,		14, 203, 205, 207,		14855, 14857,



14893,	14894,	23285,	23287,	2400,	2401,	2403,
14897,	14898,	23294,	23295,	2404,	2413,	2418,
14904,	14905,	23299,	23301,	2419,	2426,	2431,
14906,	14907,	23708,	23709,	2432,	9816,	10270,
14909,	14944,	24108,	24111,	10290,	10713,	
14945,	14948,	24113,	24176,	10714,	10734,	
14949,	14955,	24235,	24236,	10735,	10786,	
14956,	14957,	24237,	24457,	10788,	10791,	
14958,	14960,	24461,	24488,	10838,	10840,	
15276,	15278,	24492,	24511,	10843,	11058,	
15375,	15389,	24515,	24528,	11061,	14790,	
15394,	15561,	24532,	24545,	14791,	14792,	
15562,	15565,	24549,	24562,	14843,	14844,	
15566,	16147,	24566,	24579,	14845,	14895,	
16151,	16672,	24583,	24596,	14896,	14897,	
16674,	16796,	24600,	24614,	14946,	14947,	
16798,	16803,	24618,	24633,	14948,	15554,	
16805,	16806,	24637,	24653,	15555,	15556,	
16808,	16821,	24657,	24688,	15557,	15559,	
16826,	16831,	24692,	24876,	16797,	16798,	
16835,	17855,	24882,	24988,	16804,	16805,	
17857,	17859,	25028,	25032,	16807,	16808,	
17861,	17979,	25035,	25039,	18001,	18002,	
17984,	18000,	25042,	25044,	18004,	19667,	
18001,	18006,	25084,	25087,	19692,	21783,	
18512,	18522,	25088,	25092,	21784,	21786,	
18527,	19502,	25533,	25535,	21788,	22523,	
19506,	19602,	25564,	25567,	22524,	22526,	
19606,	19667,	25574,	25577,	22528,	23296,	
19692,	19715,	25581,	25586,	23297,	23299,	
19727,	19728,	25589,	25601,	23301,	24108,	
19739,	19740,	25634,	25636,	24111,	24113,	
20089,	20716,	25637,	25640,	25534,	25540,	
20729,	20751,	25643,	25647,	25542,	25547,	
20756,	21088,	25654,	25656,	25549,	25552,	
21101,	21123,	25715,	25716,	25556,	25560,	
21128,	21217,	25729,	25731,	25568,	25570,	
21218,	21219,	25739,	25746,	25571,	25584,	
21260,	21261,	25892,	25893,	25590,	25592,	
21262,	21330,	25912,	25923,	25895,	25896,	
21335,	21500,	25924,	25925,	25898,	25900,	
21515,	21520,	25926,	25938,	25903,	25904,	
21638,	21639,	25941,	25947,	25906,	25909,	
21770,	21771,	25948,	26270,	25923,	25924,	
21773,	21775,	26271,	26413,	25925,	25929,	
21781,	21782,	26414,	26714,	25942,	25946,	
21786,	21788,	26715,	26716,	25947,	26273,	26274
22182,	22183,	26717,	26720,	\@tempdimc 2386, 2387,		
22509,	22510,	26723,	26726,	2395, 2396, 2413,		
22512,	22514,	26728,	26751, 26752	2426, 9817, 21767,		
22521,	22522,	\@tempdimb . . . . 2375,			21778,	21779,
22526,	22528,	2376, 2380, 2383,			21793,	22506,
22943,	22944,	2384, 2389, 2390,			22518,	22519,
23282,	23283,	2391, 2392, 2397,			22533,	23279,



23291, 23292, 23306	\@textbottom . . . 15271,	\@thefnmark . . . 44, 58,
\@tempskipa . . . . 9076,	16675, 21803,	74, 247, 261, 276,
9077, 9078, 11889,	21810, 22543,	454, 457, 744, 806,
11890, 11891,	22550, 23316, 23323	808, 996, 1060,
11913, 11914,	\@textsuperscript .	1246, 1308, 1310,
11915, 15229, 15230	. . . . . 454, 457,	2155, 2172, 2189,
\@tempswafalse . 1857,	744, 806, 808, 996,	2205, 2221, 2237,
1858, 6885, 6932,	1060, 1246, 1308,	2265, 2271, 2291,
10754, 10811,	1310, 4398, 4401,	2297, 2317, 2323,
11880, 16744,	8021, 8023, 9243,	4398, 4401, 4687,
21919, 22659,	9420, 9559, 9562,	4695, 4703, 8021,
23432, 25977, 26020	11318, 11321,	8023, 8057, 8075,
\@tempwattrue . . . . .	11415, 11418,	8093, 8119, 8125,
1857, 6884, 6929,	15485, 15488,	8148, 8154, 8177,
10748, 10805,	19327, 20815,	8183, 8999, 9006,
11882, 21915,	20877, 20879,	9013, 9243, 9420,
22655, 23428, 26463	20954, 21018,	9559, 9562, 11318,
\@temptokena 121, 125,	21020, 21214,	11321, 11415,
17881, 17885, 20153	21221, 21257,	11418, 11655,
\@tempx . . . . . 8978,	21264, 21443, 21446	11671, 11686,
8979, 17411, 17423	\@texttop . . 15267, 16671	11702, 11717,
\@tempxi . . . . . 8981,	\@tfor . . . . . 4732, 15549	11730, 11743,
8982, 17442, 17454	\@thanks . . . 433, 441,	11755, 11767,
\@tempxii . . . . . 8984,	469, 477, 775, 781,	11780, 11819,
8985, 17473, 17485	820, 826, 1027,	11823, 11825,
\@tempy . . . . . 4664, 4665	1033, 1072, 1078,	11831, 11835,
\@tempyi . . . . . 4667, 4668	1277, 1283, 1322,	11837, 11843,
\@tempyii . . . . 4670, 4671	1328, 4403, 4409,	11847, 11849,
\@tencol@LTRfootgroupv@l	9274, 9280, 9451,	12102, 12132,
. . . . . 14435, 14460	9457, 9538, 9546,	12148, 12163,
\@tencol@footgroupv@r	9574, 9582, 11299,	12175, 12190,
. . . . . 14431, 14456	11305, 11333,	12230, 12259,
\@tencolLTRfootfmt	11339, 11394,	12272, 12286,
. . 14530, 14545,	11402, 11430,	12299, 12313,
14585, 14654, 14668	11438, 15466,	12401, 12430,
\@tencolLTRfootnotetext	15472, 15500,	12445, 12459,
. . . . . 14426, 14523	15506, 16175,	12470, 12484,
\@tencolRTLfootfmt	16189, 16192,	12523, 12551,
. . 14557, 14572,	19320, 19343,	12563, 12576,
14588, 14681, 14695	20846, 20852,	12588, 12601,
\@tencolRTLfootnotetext	20891, 20897,	12688, 12718,
. . . . . 14427, 14550	20985, 20993,	12734, 12749,
\@tencolfootfmt . . .	21032, 21040,	12761, 12776,
. . 14484, 14514,	21235, 21243,	12816, 12845,
14582, 14612, 14641	21276, 21284,	12858, 12872,
\@tencolfootnotetext	21422, 21430,	12885, 12899,
. . . . . 14425, 14471	21458, 21466,	12987, 13017,
\@testopt . . . . . 5650,	21912, 21931,	13033, 13048,
5668, 18509, 18510	21954, 22035,	13060, 13075,
\@testpach 352, 1377,	22045, 22652,	13115, 13144,
1422, 24201, 26392	22671, 22694,	13157, 13171,
\@texfileextension	22775, 22785,	13184, 13198,
. . . . . 5195, 5198	23425, 23444,	13286, 13316,
	23467, 23548, 23558	13332, 13347,



13359,	13374,	20954,	21018,	11405,	11441,
13414,	13443,	21020,	21214,	11455,	15456,
13456,	13470,	21221,	21257,	15475,	15509,
13483,	13497,	21264, 21443, 21446		15521,	19321,
13585,	13615,	\@thefoot . . . .	15726,	20824,	20826,
13631,	13646,	15729,	15733,	20854,	20899,
13658,	13673,	26779,	26785,	20912,	20963,
13713,	13742,	26793, 26796, 26831		20965,	20995,
13755,	13769,	\@thehead . . . .	15725,	21042,	21058,
13782,	13796,	15728,	15732,	21069,	21225,
13884,	13914,	26779,	26785,	21246,	21287,
13930,	13945,	26792, 26795, 26815		21301,	21412,
13957,	13972,	\@themargin . . .	15782,	21433,	21469,
14012,	14041,	16841,	16843,	21483,	21894,
14054,	14068,	16848,	16850,	22048,	22634,
14081,	14095,	16854,	16856,	22788, 23407, 23561	
14183,	14213,	26781,	26783,	\@titlecolour .	4877, 4894
14229,	14244,	26787, 26789, 26808		\@titlehead . . . . .	
14256,	14271,	\@thm . . . . .	20042, 20063	. .	21883, 21885,
14311,	14340,	\@thmcountersep	350, 26203	22052,	22623,
14353,	14367,	\@threecol@LTRfootgroupv@l		22625,	22792,
14380,	14394,	. . . . .	12354, 12379	23396, 23398, 23565	
14482,	14512,	\@threecol@footgroupv@r		\@titlepageiscoverpagefalse	
14528,	14543,	. . . . .	12350, 12375	. .	21834, 22574, 23347
14555,	14570,	\@threecolLTRfootfmt		\@tocextra . . . . .	
14610,	14639,	. .	12447, 12461,	. .	24408, 24409,
14652,	14666,	12498, 12565, 12578		24413, 24415, 24418	
14679,	14693,	\@threecolLTRfootnotetext		\@tocline . .	2, 197, 17849
14978,	15009,	. . . . .	12345, 12440	\@tocpagenum	15, 210, 17862
15027,	15043,	\@threecolRTLfootfmt		\@tocrmarg . . .	19711,
15057,	15073,	. .	12472, 12486,	19723,	19735,
15112,	15142,	12501, 12590, 12603		20657,	24452,
15156,	15171,	\@threecolRTLfootnotetext		24483,	24506,
15185,	15200,	. . . . .	12346, 12465	24523,	24540,
15485,	15488,	\@threecolfootfmt .		24557,	24574,
16009,	16014,	. .	12403, 12432,	24591,	24609,
16018,	16023,	12495, 12525, 12553		24628,	24648,
16045,	16062,	\@threecolfootnotetext		24683,	24734,
16078,	16107,	. . . . .	12344, 12390	25277,	25284,
16122,	16137,	\@title . . . . .	320,	25594, 25711, 26409	
16180,	16185,	423, 444, 480, 494,		\@todonotes@MissingFigureDown	
16195,	16200,	753, 755, 783, 828,		. . . . .	25873
16236,	16240,	841, 1005, 1007,		\@todonotes@MissingFigureText	
16242,	16248,	1035, 1080, 1093,		. . . . .	25850
16252,	16254,	1255, 1257, 1285,		\@todonotes@MissingFigureUp	
16260,	16264,	1330, 1344, 1355,		. . . . .	25872
16266,	16686,	4412, 4847, 4908,		\@todonotes@author	
17193,	17204,	8554, 8639, 9252,		. . . . .	25783,
17215,	17226,	9254, 9282, 9429,		25794, 25819, 25837	
17344,	17382,	9431, 9459, 9528,		\@todonotes@currentfigcolor	
17415,	17446,	9549, 9585, 9599,		. . . . .	25854
17477,	17540,	10665, 11289,		\@todonotes@currentfigheight	
17843,	20815,	11308, 11342,		. . . . .	25855
20877,	20879,	11354, 11384,		\@todonotes@currentfigwidth	



..... 25855,	26300, 26301,	\@viiipt ..... 7172,
25857, 25867, 25870	26306, 26308,	8392, 20097, 20110
\@todonotes@drawInlineNote	26309, 26310,	\@viipt 8392, 20097, 20110
..... 25778	26315, 26317,	\@viper ..... 10098,
\@todonotes@drawLineToLeftMargin	26318, 26319, 26751	10100, 10102,
..... 25806, 25809	\@traditionalpoem .	10157, 10159,
\@todonotes@drawLineToRightMargin	..... 8927, 9019	10161, 10175,
..... 25806, 25809	\@trivlist ... 20053,	10182, 10426,
\@todonotes@drawMarginNote	20073, 21745,	10477, 19668,
. 25805, 25808, 25812	22484, 23257, 26222	19683, 19685, 19690
\@todonotes@drawMarginNote	\@twocoll@LTRfootgroupv@l	\@viperoutput 10104, 10163
..... 25800	..... 12055, 12080	\@vipt ..... 8393
\@todonotes@ifdisabled	\@twocol@footgroupv@r	\@vpt ..... 8393
..... 25879	..... 12051, 12076	\@whilenum ..... 18032
\@todonotes@sizecommand	\@twocolLTRfootfmt	\@whiles w 10096, 10155,
..... 25783,	.. 12150, 12165,	15624, 15664,
25785, 25792,	12205, 12274, 12288	15748, 16502,
25794, 25796,	\@twocolLTRfootnotetext	16555, 19559,
25819, 25821,	..... 12046, 12143	19656, 26510, 26553
25833, 25836,	\@twocolRTLfootfmt	\@wholewidth .....
25837, 25839, 25842	.. 12177, 12192,	. 15551, 15553, 15571
\@todonotes@text ..	12208, 12301, 12315	\@width ..... 31, 235,
.. 25783, 25785,	\@twocolRTLfootnotetext	390, 540, 725, 960,
25794, 25796,	..... 12047, 12170	1205, 1495, 9215,
25819, 25821,	\@twocolfootfmt ...	9368, 9644, 9849,
25834, 25840, 25843	.. 12104, 12134,	10071, 10136,
\@todonotes@textwidth	12202, 12232, 12261	10368, 10387,
..... 25817	\@twocolfootnotetext	10695, 11273,
\@toodeep ... 2475, 26210	..... 12045, 12091	11572, 11623,
\@topnum ... 111, 314,	\@twosidefalse .... 7147	15422, 15653,
466, 817, 1069,	\@twosidettrue .... 7142	15956, 15958,
1319, 8632, 9571,	\@typeset@protect .	16403, 16491,
11330, 11427,	..... 4603,	16538, 17840,
15497, 17871,	4609, 4615, 4630	17911, 18529,
19340, 20888,	\@undeclaredcolor .	18580, 18696,
21029, 21273, 21455	..... 9862,	19541, 19643,
\@topsep ... 20056, 20076	9870, 25970, 25971	19786, 19797,
\@topsepadd .....	\@undefined .....	19829, 19880,
. 4575, 20057, 20077	. 4661, 18514, 19441	20767, 21190,
\@totalleftmargin .	\@undottedtocline 19708	21346, 21528,
.. 16425, 16429,	\@unexpandable@protect	21805, 22545,
16432, 16441,	..... 5701, 7044	23318, 24074,
18022, 18023,	\@unrecurse . 24098, 24101	24113, 26375,
18044, 18674,	\@uppertitleback ..	26493, 26542, 26742
20059, 20060,	.. 21918, 21925,	\@x ..... 9036, 9037
20079, 20080,	21934, 21969,	\@x@sf 8030, 8035, 8041, 8044
20631, 26229,	22055, 22658,	\@xLTRfootnote ....
26231, 26237,	22665, 22674,	.... 4652, 4774,
26239, 26243,	22709, 22795,	8877, 8888, 9094,
26245, 26249,	23431, 23438,	9108, 16017, 16020
26251, 26253,	23447, 23482, 23568	\@xLTRfootnotenext
26288, 26290,	\@urlbordercolor ..	..... 4651,
26291, 26292,	..... 17642, 17644	4773, 8876, 8887,
26297, 26299,	\@urlcolor ..... 17656	9093, 9107, 16179,



16182, 17212, 24148	\\ .. 122, 404, 751, 796,	<b>Numbers</b>
\@xRTLfootnote ....	1003, 1048, 1253,	\0 ..... 4194
.... 4654, 4776,	1298, 2069, 3059,	\1 ... 18758, 18809, 18861
8879, 8890, 9096,	4658, 4955, 4961,	\9 ..... 4194
9110, 16008, 16011	5108, 6162, 6178,	
\@xRTLfootnotenext	6182, 6411, 6413,	<b>A</b>
..... 4653,	6414, 6415, 6423,	\abovecaptionskip .
4775, 8878, 8889,	6428, 6429, 6431,	..... 18132,
9095, 9109, 16194,	7477, 7478, 7479,	19380, 19430,
16197, 17201, 24149	7481, 8441, 8810,	22215, 22219,
\@xaddress ..... 321	8948, 9250, 9427,	22315, 22324,
\@xauthor ..... 321	10553, 10554,	22976, 22980,
\@xcentercr ... 22173,	10557, 10573,	23077, 23086,
22180, 22934,	10660, 10665,	23741, 23745,
22941, 23699, 23706	10672, 10682,	23842, 23851, 26847
\@xcolor@ .. 25978, 26021	10686, 11552,	\abovedisplayskip
\@xcurraddr ..... 322	11556, 11565,	... 7165, 7174, 8384
\@xemail ..... 322	17045, 17048,	\abovedisplayskip .
\@xepersian@pdfcustomproperties	17061, 17064,	7164, 7167, 7173,
..... 4231	17164, 17585,	7180, 7214, 8383, 8390
\@xfloat ..... 4707	17600, 17619,	\abstractname 629, 635,
\@xfootnote .... 4650,	17882, 17902,	638, 936, 942, 944,
4772, 8875, 8886,	17906, 18096,	1188, 1194, 1197,
9092, 9106, 17538	18097, 18103,	9191, 9379, 20694,
\@xfootnotemark .. 17223	18104, 18507,	20700, 20703,
\@xfootnotenext ...	18679, 20171,	21144, 21150, 21153
.... 4649, 4771,	20183, 20572,	\Acrobatmenu . 2403, 17661
8874, 8885, 9091,	20573, 20585,	\active ..... 8827,
9105, 17190, 24147	20586, 20598,	8828, 8830, 8831
\@xipt ..... 8395	20599, 20611,	\add@strip ..... 19692
\@xipt ..... 8394	20822, 20867,	\addcontentsline 553,
\@xivpt ..... 303, 8396	20961, 21008,	555, 4952, 7456,
\@xmakefntext .. 807,	22166, 22175,	11229, 11231,
1309, 20878, 21019	22927, 22936,	18163, 18168,
\@xnewline ... 22164,	23692, 23701,	19453, 24391,
22171, 22925,	24065, 24080,	24398, 24415, 25850
22932, 23690, 23697	24096, 24097,	\AddExtraParaSkip .
\@xp ..... 121, 308,	24273, 24302,	..... 14748, 14752
333, 334, 9763, 17881	25816, 25823,	\addfontfeature 4875,
\@xpt ..... 7163	26185, 26322,	4876, 4877, 4878,
\@xstartcol ..... 16578	26365, 26381, 26391	4879, 4880, 4882, 4883
\@xthm ..... 20061, 20081	\{ .... 4520, 18816, 18860	\addpenalty ... 5, 200,
\@xtitle ..... 320	\} .... 4521, 18816, 26190	509, 526, 661, 679,
\@xxpt ..... 8397	\_ ... 4010, 4297, 7923,	686, 888, 905, 923,
\@xxxii ..... 4758	7927, 7942, 7946,	1144, 1162, 1170,
\@xympar ..... 7717, 7721, 7761,	7961, 7965, 7993,	9150, 9166, 9173,
7765, 7805, 7809,	7997, 16295, 16297	9327, 9343, 9350,
26635, 26639,	\] ..... 9045, 15678	9614, 9629, 11201,
26679, 26683, 26746	\^ ..... 4242,	11215, 11470,
\@yargdef ..... 5670	8827, 8828, 8830, 8831	15372, 15387,
\@ympar ..... 26743	\_ ..... 20035	17852, 20726,
\@ythm ..... 20061, 20081	\` ... 16423, 18671, 20627	20742, 20749,
\[ ..... 9044, 15668	\  ... 16302, 16303, 16418	21098, 21114,
		21121, 21314,



21328, 21498,	924, 1145, 1163,	\adl@putlrc 1410, 1411,
21513, 24315,	1171, 8435, 8492,	1412, 1440, 1441,
24317, 24445,	9151, 9167, 9328,	1442, 1448, 1449, 1450
24447, 24480,	9344, 9615, 11202,	\adl@startmbox . . . . 1413
24502, 24866,	11216, 11471,	\advance . . . . . 12,
24869, 24873,	15373, 17852,	90, 207, 293, 311,
24978, 24981, 24985	20727, 20743,	386, 533, 577, 693,
\address . . . . . 321, 4909	21099, 21115,	712, 879, 895, 975,
\addresscolour . . . .	21315, 21499,	1177, 1225, 1460,
. . . 4878, 10505,	24449, 24503,	1494, 1788, 1789,
10603, 10609,	24867, 24874,	1805, 1819, 1873,
10615, 10621, 10627	24979, 24982,	1875, 1877, 1878,
\addressfont . . . 4887,	24986, 25016, 25528	1939, 1947, 2117,
4895, 5006, 10543,	\adjmc@inner . . . . . 134	2118, 2334, 2383,
10571, 10635, 10669	\adjmc@outer . . . . . 136	2384, 2396, 2400,
\addresssymbol . . . .	\adjmc@page@sofar@orig	2401, 2476, 2500,
. 4869, 10573, 10672	. . . . . 164	2521, 2555, 2562,
\addresstyle . . . . . 4895	\adjmult@cols . . . . . 163	2566, 2568, 2572,
\addtocontents . . . 24731	\adjmulticols . . . . . 132	2573, 2820, 2821,
\addtocounter . . 2934,	\adl@act@classz . . . 1498	3170, 3172, 3452,
2935, 18024, 18025	\adl@act@CT@setup .	3460, 3462, 3528,
\addtoheadtemplate 3899	. . . . . 1456, 1463	3600, 3601, 3603,
\AddToHook 5984, 6025, 6065	\adl@activate . 1373, 1456	3604, 3618, 4194,
\addtolength . . . . .	\adl@cargarraydashrule	4195, 4196, 4371,
. . . . 3267, 3271,	. . . . . 1392, 1430	4376, 4739, 4753,
3274, 4829, 4830,	\adl@array . . . 1370, 1375	4759, 5025, 5069,
4831, 4832, 4833,	\adl@arraydashrule	5104, 5434, 5488,
4834, 4932, 4933,	. . . . . 1391, 1429	5542, 6272, 6431,
4935, 4937, 4938,	\adl@arrayinit . . . 1372	6437, 6447, 6502,
4941, 7249, 7252,	\adl@arrayrestore . 1367	6519, 6528, 7056,
7253, 7256, 8407,	\adl@arrayrule 1390, 1428	7665, 8371, 8446,
10651, 10652,	\adl@box . 1413, 1415, 1416	8797, 8805, 8806,
10653, 11064,	\adl@class@iiiorvii	9077, 9180, 9202,
16898, 16899,	. . . . . 1419, 1452	9357, 9390, 9636,
17990, 17992,	\adl@class@start . .	9699, 9848, 9856,
17994, 17995,	. . . . . 1418, 1451	9857, 9897, 10009,
18013, 18015,	\adl@CT@setup . . . . .	10175, 10176,
18016, 18018,	. . . 1455, 1458, 1459	10179, 10182,
18019, 18021,	\adl@depth . . . . . 1462	10183, 10233,
18022, 18023,	\adl@endarray . . . . . 1367	10234, 10235,
18038, 18039,	\adl@endmbox . . . . . 1414	10297, 10437,
21771, 21778,	\adl@everyvbox 1371, 1372	10438, 10453,
21779, 21782,	\adl@extract@arc . . 1467	10472, 10473,
21784, 22510,	\adl@extract@dgc . . 1470	10703, 10713,
22518, 22519,	\adl@extract@drsc . 1468	10714, 10724,
22522, 22524,	\adl@height . . . . . 1461	10734, 10735,
23283, 23291,	\adl@inactivate 1373, 1455	10751, 10752,
23292, 23295,	\adl@LT@array . . . 17712	10753, 10770,
23297, 24334,	\adl@noalign . . . . . 1374	10779, 10786,
24335, 25061,	\adl@org@activate . 1456	10808, 10809,
25071, 25075, 25079	\adl@org@classz . . 1499	10810, 10824,
\advspace . . . . . 5,	\adl@org@endpbox . . 1457	10831, 10838,
200, 510, 527, 662,	\adl@org@inactivate 1455	10985, 10986,
680, 687, 889, 906,		10995, 10996,



11012,	11014,	20290,	20319,	4012, 4014, 4299,
11018,	11020,	20320,	20346,	4301, 5702, 6511,
11024,	11027,	20357,	20512,	7895, 24171, 24172
11028,	11029,	20514,	20519,	\aftergroup . . . . .
11208,	11261,	20522,	20565,	4557, 4567, 6714,
11532,	11944,	20756,	20783,	6716, 6726, 6728,
11969,	12036,	21128,	21177,	6738, 6740, 6758,
12038,	14749,	21218,	21261,	6760, 6769, 6771,
14755,	14800,	21335,	21371,	6780, 6782, 7879,
14802,	14853,	21520,	21574,	7894, 9860, 9862,
14855,	14905,	21639,	21748,	9869, 9875, 9894,
14907,	14956,	21750,	22106,	10186, 10192,
14958,	15229,	22157,	22485,	10195, 15769,
15331,	15332,	22867,	22918,	15771, 20402,
15333,	15394,	23260,	23262,	20403, 20406,
15436,	15551,	23632,	23683,	20411, 20412,
15553,	15555,	24026,	24097,	20416, 20421,
15561,	15562,	24111,	24121,	20422, 20426,
15569,	15570,	24141,	24236,	20430, 20434,
15571,	15741,	24274,	24290,	20438, 22184,
15742,	16298,	24303,	24307,	22186, 22189,
16312,	16325,	24339,	24340,	22945, 22947,
16326,	16358,	24360,	24461,	22950, 23710,
16363,	16364,	24492,	24515,	23712, 23715,
16367,	16376,	24532,	24549,	24308, 25519,
16440,	16567,	24566,	24583,	25959, 25968,
16568,	16572,	24600,	24618,	25970, 26007,
16573,	16575,	24637,	24657,	26011, 26064,
16576,	16579,	24692,	24733,	26075, 26076,
16580,	16581,	24882,	24886,	26079, 26084,
16582,	16701,	24997,	25032,	26085, 26089,
17547,	17557,	25035,	25039,	26094, 26095,
17813,	17859,	25092,	25517,	26099, 26104,
18002,	18005,	25537,	25542,	26108, 26113,
18006,	18040,	25592,	25593,	26761, 26771, 26772
18522,	18534,	25594,	25597,	\ALG@floatstyle . . .
18597,	19494,	25601,	25626,	. . . 7680, 7681, 7682
19496,	19523,	25637,	25716,	\algocf@float . . . 26914
19524,	19527,	25739,	25893,	\algocf@makecaption 188
19594,	19596,	25895,	25905,	\algocf@within . . . .
19623,	19624,	25924,	25925,	. . . . . 166, 168,
19627,	19681,	25954,	25965,	26916, 26917, 26918
19682,	19683,	25966,	26212,	\alignL . . . . . 9795
19684,	19693,	26225,	26226,	\alignR . . . . . 9802
19715,	19728,	26229,	26231,	\allowbreak . . . . .
19740,	19753,	26237,	26239,	. . 10709, 10730,
19882,	19883,	26243,	26245,	12204, 12207,
20054,	20058,	26249,	26251,	12210, 12497,
20059,	20074,	26349,	26350,	12500, 12503,
20078,	20079,	26414,	26440,	12790, 12793,
20087,	20178,	26715,	26716,	12796, 13089,
20200,	20228,	26723,	26724,	13092, 13095,
20235,	20283,	26725, 26726, 26751		13388, 13391,
20288,	20289,	\afterassignment . .		13394, 13687,



13690, 13693, 13986, 13989, 13992, 14285, 14288, 14291, 14584, 14587, 14590	215, 216, 217, 289, 329, 15704, 15710, 17809, 17866, 17867, 17868, 17869, 24673, 26914	831, 1038, 1083, 1288, 1333, 4414, 8538, 8570, 9285, 9462, 9551, 9587, 11310, 11344, 11407, 11443, 15477, 15511, 20857, 20902, 20998, 21045, 21248, 21289, 21435, 21471, 22058, 22798, 23571
\Alph ..... 19362	\array ..... 407, 26389	\auto@footnoterule ..... 15972, 15983
\alt ..... 2668	\arraycolsep ..... 407	\autodot ..... 22073,
\AM@CheckAtEnd ... 20191	\arraylinesep .... 24104	22812, 23585, 25729
\AM@ClearShipoutPicture ..... 20193	\arrayrulecolor ... 1467	\autofootnoterule . ..... 4105, 10689, 11617, 15981, 16682, 26865
\AM@currentdocname ..... 20156, 20162	\arrayrulewidth .. 24121	
\AM@findfile ..... 20160	\arraystretch 388, 389, 4551, 4562, 18527, 18528, 24072, 24073, 24108, 26198, 26373, 26374	<b>B</b>
\AM@output ..... 20189	\aslice . 20326, 20327, 20329, 20331, 20332, 20334, 20347, 20348, 20350	\backmatter ..... .. 8742, 9684, 11517
\AM@pagecount .... 20158	\At@ViperColsBreak ..... 10200, 10203	\Backref@HyperLTRFootnote ..... 16212, 16219
\AM@pageref . 20173, 20176	\AtBeginCaption .. 18174	\Backref@HyperRTLFootnote ..... 16218, 16222
\AM@pagetemp ..... .. 20166, 20171, 20172, 20175, 20183, 20184, 20188	\AtBeginDocument .. 1502, 2056, 2941, 3174, 3403, 3473, 3521, 3641, 3729, 3824, 3889, 3903, 4003, 4150, 4844, 4904, 5001, 6019, 7109, 7258, 7485, 7619, 7624, 7677, 8488, 8688, 8753, 10582, 10696, 10717, 10738, 11168, 14796, 14849, 14901, 14952, 15344, 16085, 16690, 17162, 18182, 18189, 18272, 20643, 24087, 25666	\Backref@HyperSymbol ..... 16220, 16223, 16226, 16229
\AM@readlist ..... 20188	\AtBeginPackage .. 19423	\Backref@OptHyperLTRFootnote ..... 16225
\AM@split@options 20152	\AtEndDocument . 4222, 5008, 6045, 6961, 8972, 9029, 18801, 18852, 18870, 26461	\Backref@OptHyperRTLFootnote ..... 16228
\AM@temp ... 20153, 20154	\AtEndOfClass ..... 4843	\Backref@OptLTRHyperFootnote ..... 16212
\AM@threadname .... .. 20151, 20161, 20162	\AtPageLowerLeft . 10976	\Backref@OptRTLHyperFootnote ..... 16218
\AM@xrprefix ..... .. 20169, 20173, 20176	\AtPageUpperLeft .. .. 10976, 11000, 11030	\BackrefFootnoteTag .. 16210, 16211, 16216, 16217, 16236, 16240, 16242, 16248, 16252, 16254, 16260, 16264, 16266
\and . 448, 484, 762, 788, 791, 833, 1014, 1040, 1043, 1085, 1264, 1290, 1293, 1335, 1357, 4416, 9261, 9287, 9438, 9464, 9553, 9589, 11312, 11346, 11409, 11445, 15479, 15513, 19318, 20155, 20833, 20859, 20862, 20904, 20972, 21000, 21003, 21047, 21071, 21250, 21291, 21437, 21473, 21817, 22069, 22557, 22809, 23330, 23582	\AtTextUpperLeft .. ..... 10980, 11006	\badness ..... 10226, 10230, 10258, 10262, 10264, 10269, 10273, 10277, 10341, 10362
\andify ..... 116, 17876	\author ..... 321, 446, 482, 786,	\baselineskip .. 402, 724, 726, 730, 732, 1204, 1206,
\andname .. 796, 1048, 1298, 20867, 21008		
\andnext ..... 19319		
\AppendToTokenList 6378		
\arabic ..... 19, 20, 21, 22, 86, 214,		



1210, 1212, 2352,	12480,	12519,	14508,	14524,
2773, 2788, 2803,	12547,	12559,	14539,	14551,
2890, 2892, 2920,	12572,	12584,	14566,	14606,
2926, 3069, 5642,	12597,	12607,	14635,	14648,
7191, 7193, 7196,	12613,	12619,	14662,	14675,
7198, 7200, 7203,	12624,	12684,	14689,	14700,
7358, 7988, 8055,	12714,	12730,	14706,	14712,
8073, 8091, 8208,	12745,	12757,	14717,	14974,
8217, 8226, 8307,	12772,	12812,	15005,	15023,
8314, 8321, 8328,	12841,	12854,	15039,	15053,
8335, 8435, 8492,	12868,	12881,	15069,	15108,
8835, 8896, 8960,	12895,	12906,	15138,	15152,
8966, 9214, 9216,	12912,	12918,	15167,	15181,
9220, 9222, 9367,	12923,	12983,	15196,	15214,
9369, 9373, 9375,	13013,	13029,	15225, 15239, 15248	
10010, 10011,	13044,	13056,	\BCmd . . . . .	4556
10028, 10032,	13071,	13111,	\BDefaboveskip . . . .	
10439, 15779,	13140,	13153,	. . . 4571, 4586, 4589	
16313, 18000,	13167,	13180,	\BDefbelowskip . . . .	
18008, 18543,	13194,	13205,	. . . 4575, 4587, 4590	
18553, 18677,	13211,	13217,	\BDefinlineskip . . . .	
18694, 20281,	13222,	13282,	. . . 4580, 4588, 4591	
20284, 20298,	13312,	13328,	\beamer@@tmpop@button@default	
20322, 20326,	13343,	13355,	. . . . .	2811
20331, 20335,	13370,	13410,	\beamer@@tmpop@caption@default	
20347, 20358,	13439,	13452,	. . . . .	2740
20385, 20638,	13466,	13479,	\beamer@@tmpop@footline@progressbar	
20766, 20768,	13493,	13504,	. . . . .	3260
20772, 20774,	13510,	13516,	\beamer@@tmpop@footnote@default	
21189, 21191,	13521,	13581,	. . . . .	2717
21195, 21197,	13611,	13627,	\beamer@biblabeltemplate	
21847, 22587,	13642,	13654,	. . . . .	2519, 2528
23360, 24083,	13669,	13709,	\beamer@boxsize . . . .	
24122, 25893,	13738,	13751,	. . . 2566, 2570, 2572	
25901, 25905,	13765,	13778,	\beamer@colalign . . 2102	
26385, 26805, 26828	13792,	13803,	\beamer@colbox@color	
\baselinestretch . .	13809,	13815,	. . . 1859, 1898, 1911	
. . . . 4859, 8051,	13820,	13880,	\beamer@colbox@colsep	
8069, 8087, 11649,	13910,	13926,	. . . . .	1876,
11665, 11680,	13941,	13953,	1877, 1878, 1879, 1887	
11696, 11711,	13968,	14008,	\beamer@colbox@colseps	
11726, 11739,	14037,	14050,	. . . . 1881, 1888,	
11751, 11763,	14064,	14077,	1912, 1914, 1916, 1918	
11776, 12098,	14091,	14102,	\beamer@colbox@dp . 1893	
12128, 12144,	14108,	14114,	\beamer@colbox@ht . 1892	
12159, 12171,	14119,	14179,	\beamer@colbox@ls . 1872	
12186, 12226,	14209,	14225,	\beamer@colbox@rs . 1874	
12255, 12268,	14240,	14252,	\beamer@colbox@sep	
12282, 12295,	14267,	14307,	. . . . .	1873,
12309, 12320,	14336,	14349,	1875, 1883, 1885	
12326, 12332,	14363,	14376,	\beamer@colbox@shadow	
12337, 12397,	14390,	14401,	. . . . .	1897
12426, 12441,	14407,	14413,	\beamer@colbox@wd .	
12455, 12466,	14418,	14478,	. . . 1870, 1891, 1900	



<code>\beamer@colclose</code> 2098, 2099, 2130, 2131	<code>\beamer@frametextheight</code> .... 2374, 2395, 2404, 2408, 2411, 2424	<code>\beamer@rightsidebar</code> ... 1947, 2384, 2401
<code>\beamer@colentrycode</code> ... 2108, 2111, 2129	<code>\beamer@frametitlebox</code> ..... 2440	<code>\beamer@RTLfootnotetext</code> ... 2278, 2292, 2299
<code>\beamer@colexitcode</code> ... 2109, 2121, 2131	<code>\beamer@framezoom</code> . 2331	<code>\beamer@section@min@dim</code> ..... 2575
<code>\beamer@colheadskip</code> 2103	<code>\beamer@fteleft</code> ... 3170	<code>\beamer@shortinstitute</code> ..... 3339
<code>\beamer@colmode</code> ... 2097	<code>\beamer@fteright</code> .. 3172	<code>\beamer@sidebarformat</code> ..... 3506
<code>\beamer@columncom</code> . 2097	<code>\beamer@gobbleoptionalinsp</code> ..... 2668	<code>\beamer@sidebarside</code> ..... 3480, 3522, 3525, 3547
<code>\beamer@compute pref</code> ..... 2455, 2477	<code>\beamer@headheight</code> ..... 3445, 3453, 3456, 3457, 3489, 3493, 3496, 3500	<code>\beamer@sidebarwidth</code> 3452, 3484, 3489, 3490, 3492, 3495, 3496, 3508, 3510, 3519, 3522, 3527, 3545
<code>\beamer@cramped</code> ... ... 2468, 2494, 2509	<code>\beamer@kvorig</code> .... .... 2255, 2261, 2281, 2287, 2307, 2313	<code>\beamer@slidehaszoomtrue</code> ..... 2333
<code>\beamer@defaulttospec</code> ..... 2474	<code>\beamer@labelzoomed</code> ..... 2336, 2340, 2367, 2369, 2370	<code>\beamer@stalign</code> ... 2544
<code>\beamer@descdefault</code> ..... 2500, 2508	<code>\beamer@leftmargin</code> ..... 1921, 1938, 2114, 2117, 2409, 2411, 2424, 3453, 3459, 3600, 3603	<code>\beamer@stend</code> .... 2547
<code>\beamer@descriptionitem</code> ..... 2508	<code>\beamer@leftsidebar</code> ... 1939, 2383, 2400	<code>\beamer@stlinebreakrule</code> ..... 2545
<code>\beamer@dima</code> ... 2820, 2835, 2840, 2851, 2856	<code>\beamer@lefttext</code> .. ..... 3480, 3547	<code>\beamer@ststart</code> ... 2541
<code>\beamer@dimb</code> ..... 2821, 2836, 2837, 2839, 2852, 2853, 2855	<code>\beamer@link</code> ..... 2576	<code>\beamer@temp</code> ..... ... 2394, 2416, 2429
<code>\beamer@dogeometryfalse</code> ..... 1934	<code>\beamer@LTRfootnotetext</code> ... 2304, 2318, 2325	<code>\beamer@tempbox</code> ... .... 1860, 1891, 1892, 1893, 1901, 1904, 1905, 1907, 1910, 1915, 1920, 1921, 1923, 1975, 1976, 1977, 1978, 1983, 1986, 1997, 2002, 2003, 2011, 2012, 2013, 2014, 2017, 2026, 2031, 2032, 2040, 2041, 2042, 2043, 2079, 2080, 2081, 2082, 2087, 2091, 2092, 2093, 2094, 2815, 2816, 2817, 2818, 2819, 2824, 2864, 3220, 3225, 3229, 3233, 3237, 3241, 3606, 3617, 3634, 3854, 3855, 3873, 3874
<code>\beamer@entrycode</code> . 2439	<code>\beamer@minislide</code> . ..... 2582	<code>\beamer@tempdim</code> 1938, 1939, 1941, 1943, 1946, 1947, 1949, 1951, 1976, 1977, 1980, 1981, 2011,
<code>\beamer@enum@</code> ..... 2454	<code>\beamer@minislidehighlight</code> ..... 2584	
<code>\beamer@enumtempl</code> . 2463	<code>\beamer@mpfn</code> ..... .... 2253, 2264, 2270, 2279, 2290, 2296, 2305, 2316, 2322	
<code>\beamer@exitcode</code> .. 2445	<code>\beamer@next</code> ..... .... 2264, 2268, 2275, 2290, 2294, 2301, 2316, 2320, 2327	
<code>\beamer@firstlineitemizeunits</code> ..... 1750, 2470, 2496, 2511	<code>\beamer@putleft</code> 2963, 2996, 3008, 3020	
<code>\beamer@focus@totalframenumbering</code> ..... 2589, 2594 ... 3269, 3294, 3314	<code>\beamer@putright</code> .. ... 2997, 3009, 3021	
<code>\beamer@footarg</code> ... .... 2257, 2258, 2259, 2263, 2270, 2283, 2284, 2285, 2289, 2296, 2309, 2310, 2311, 2315, 2322	<code>\beamer@rightmargin</code> .... 1921, 1946, 2017, 2118, 2123, 3453, 3461, 3601, 3604	
<code>\beamer@footins</code> ... 2145, 2150, 2162, 2167, 2179, 2184, 2447		
<code>\beamer@footnotetext</code> ... 2252, 2266, 2273		
<code>\beamer@framebox</code> 2408, 2420, 2433, 2438, 2442		
<code>\beamer@framefootnotetext</code> ..... 2144, 2243		
<code>\beamer@frameLTRfootnotetext</code> ..... 2178, 2245		
<code>\beamer@frameRTLfootnotetext</code> ..... 2161, 2244		



2012, 2040, 2041,	\begin . . . . . 412, 422,	6083, 6090, 6116,
2080, 2081, 2084,	427, 490, 498, 736,	6818, 7264, 7265,
2085, 2116, 2117,	749, 760, 839, 845,	7278, 7281, 7355,
2118, 2119, 2565,	988, 1001, 1012,	7356, 7362, 7363,
2566, 2567, 2568,	1091, 1097, 1238,	7370, 7371, 7396,
2569, 2570, 2571,	1251, 1262, 1342,	7397, 7434, 7437,
2572, 2573, 2574,	1348, 1357, 1359,	7440, 7443, 7447,
2575, 2819, 2820,	1360, 1531, 1688,	7448, 7632, 7633,
2821, 2825, 2827,	1724, 1733, 1742,	8251, 8307, 8314,
2833, 2841, 2849,	1769, 1791, 1817,	8321, 8328, 8335,
2857, 2863, 3527,	1829, 1896, 2100,	8348, 8356, 8478,
3528, 3534, 3542,	2102, 2106, 2349,	8483, 8616, 8663,
3602, 3603, 3604,	2411, 2424, 2542,	8686, 9061, 9235,
3617, 3618, 3619, 3628	2613, 2617, 2636,	9248, 9259, 9412,
\beamer@themerounded@shadow	2640, 2656, 2660,	9425, 9436, 9480,
. . . . . 3165	2764, 2772, 2779,	9492, 9517, 9527,
\beamer@thempfn . . .	2787, 2794, 2802,	9532, 9595, 9603,
. . . . 2254, 2265,	2827, 2885, 2891,	9913, 9923, 9936,
2271, 2280, 2291,	2898, 2915, 2921,	9946, 9959, 9969,
2297, 2306, 2317, 2323	2927, 2967, 2974,	9982, 9992, 10557,
\beamer@typesetheadorfoot	2980, 2986, 3055,	10663, 10668,
. . . 2045, 2050, 2060	3076, 3091, 3093,	10686, 10855,
\beamer@usesphere .	3098, 3100, 3105,	10858, 10862,
. . . 1689, 1704, 1711	3111, 3125, 3127,	10864, 10869,
\beamer@vboxoffset 2565	3129, 3200, 3201,	10871, 10875,
\beamer@vmode . 1846, 1884	3207, 3208, 3227,	10878, 10881,
\beamer@xkvorig . . .	3235, 3280, 3306,	10885, 10887,
. . . . 2256, 2262,	3338, 3341, 3344,	10891, 10893,
2282, 2288, 2308, 2314	3365, 3367, 3372,	10897, 10900,
\beamer@xpos . . . . .	3374, 3391, 3392,	10903, 10907,
. . . 2555, 2560, 2571	3413, 3415, 3419,	10909, 10914,
\beamer@ypos . . . . .	3422, 3425, 3431,	10916, 11087,
. . . 2561, 2562, 2567	3479, 3508, 3510,	11153, 11280,
\beamer@ypos@offset	3562, 3564, 3569,	11288, 11293,
. . . . . 2558, 2562	3571, 3606, 3619,	11352, 11358,
\beamer@zoomborderwidth	3620, 3626, 3655,	11373, 11383,
. . . . . 2335, 2339	3656, 3657, 3674,	11388, 11451,
\beamer@zoombox . . . 2364	3679, 3682, 3695,	11459, 11551,
\beamer@zoomcount .	3701, 3703, 3717,	15447, 15455,
. . . . . 2334, 2336	3718, 3719, 3743,	15460, 15519,
\beamer@zoomer . . . . 2372	3744, 3745, 3755,	15525, 15671,
\beamer@zoomframecount	3758, 3764, 3767,	16913, 16918,
. . . . . 2336	3774, 3777, 3791,	16936, 17039,
\beamerboxesrounded 1749	3796, 3798, 3811,	17041, 17055,
\beamercolorbox . . . 2809	3812, 3813, 3834,	17057, 17901,
\beameritemnestingprefix	3837, 3840, 3846,	19468, 20094,
. . . . 1660, 1661,	3849, 3865, 3868,	20807, 20820,
2455, 2456, 2458,	3883, 4550, 4552,	20831, 20910,
2459, 2466, 2467,	4561, 4563, 4566,	20916, 20944,
2477, 2478, 2480,	4959, 4963, 4965,	20959, 20970,
2481, 2484, 2488, 2489	4967, 4969, 4973,	21054, 21062,
\beameroriginal . . . 2668	4981, 4984, 5019,	21071, 21073,
\beamertemplatedotitem	5132, 5136, 5156,	21074, 21204,
. . . . . 3901	5160, 5187, 6082,	21224, 21229,



21305,	21401,	9840, 9894, 9903,	3009, 3021, 4047,
21411,	21416,	10093, 10152,	4326, 5006, 7739,
21479,	21487,	10981, 11007,	7783, 9825, 9854,
21820,	21824,	11204, 11217,	9860, 9862, 9894,
21884,	21889,	11316, 11413,	12033, 15564,
21901,	21924,	11472, 14787,	15675, 15690,
21928,	22097,	14797, 14840,	15857, 16692,
22560,	22564,	14850, 14892,	16698, 16707,
22624,	22629,	14902, 14943,	16727, 16743,
22641,	22664,	14953, 15374,	16753, 17546,
22668,	22858,	15390, 15483,	18135, 20198,
23333,	23337,	15623, 15661,	20261, 20396,
23397,	23402,	15745, 15761,	20402, 20418,
23414,	23437,	16012, 16021,	20494, 21686,
23441,	23623,	16183, 16198,	21697, 21704,
24353,	25780,	16272, 16324,	21714, 24238,
25787,	25790,	16357, 16499,	25963, 25968,
25801,	25814,	16552, 16726,	25970, 26064,
25817,	25824,	16742, 16912,	26069, 26075,
25830,	25853,	17191, 17202,	26091, 26657,
25857, 25863, 25870		17213, 17224,	26735, 26815, 26831
\begin@bidi@stack .		17322, 17342,	\beginR . 174, 336, 348,
.... 5126, 5136,		17380, 17413,	379, 404, 1472,
5137, 5150, 5160, 5161		17444, 17475,	3225, 3233, 3241,
\begingroup 6, 119, 201,		17709, 17724,	3416, 4655, 7739,
302, 315, 379, 391,		17853, 17879,	7827, 9752, 9826,
452, 512, 529, 663,		17947, 17977,	9855, 9860, 9869,
689, 803, 891, 907,		18166, 18531,	9875, 9894, 10974,
1055, 1146, 1173,		19325, 19455,	12030, 15700,
1305, 1486, 1838,		19556, 19653,	16694, 16699,
1839, 1974, 2078,		19863, 19867,	16756, 16795,
2269, 2295, 2321,		19871, 20149,	16802, 17171,
2347, 2415, 2428,		20197, 20494,	17179, 17561,
4396, 4685, 4693,		20728, 20752,	17597, 17629,
4701, 5080, 5108,		20874, 21015,	17658, 17684,
5127, 5151, 5393,		21100, 21124,	17690, 17697,
5418, 5768, 5814,		21254, 21316,	17894, 18135,
5821, 5851, 5867,		21331, 21441,	18547, 18608,
5883, 5926, 5934,		21501, 21516,	18611, 18651,
5967, 6017, 6145,		21837, 21983,	18742, 18750,
6353, 6355, 6385,		22096, 22155,	18941, 19267,
6395, 6405, 6535,		22577, 22723,	19431, 19433,
6608, 6632, 6647,		22857, 22916,	20271, 20396,
6713, 6724, 6736,		23350, 23496,	20403, 20408,
6757, 6767, 6778,		23622, 23681,	20490, 20491,
6928, 7042, 7054,		24170, 24287,	20492, 21680,
7089, 7458, 7877,		24311, 24450,	21690, 21701,
8123, 8152, 8181,		24877, 24989,	21708, 22200,
8555, 8572, 8588,		25515, 25632,	22961, 23726,
8600, 8633, 8937,		25972, 26015,	24062, 24084,
8997, 9004, 9011,		26064, 26176,	24123, 24245,
9041, 9152, 9176,		26507, 26550, 26761	25964, 25968,
9329, 9353, 9557,	\beginL . . . . . 176,		26007, 26011,
9617, 9632, 9721,	1471, 1868, 2997,		26064, 26069,



26076, 26081,	2112, 2119, 2457,	\bibitem@fin . . . . . 19987
26332, 26335,	2479, 2502, 2968,	\bibliofont 85, 288, 17808
26338, 26355,	2975, 2981, 2987,	\bibliographyitemlabel
26362, 26387,	3349, 3485, 3532,	. . . . . 5012, 5019
26701, 26735,	3539, 3573, 3610,	\bibname . . . . . 8471,
26752, 26754,	4016, 4303, 4645,	8472, 9195, 9196,
26815, 26831,	4767, 8869, 9087,	9383, 9384, 9692,
26850, 26853, 26861	9101, 9754, 9826,	9693, 11525,
\belowcaptionskip .	15675, 15676,	11526, 15429,
. . . . . 18145,	15690, 16149,	15430, 20776,
19421, 19438,	16377, 18535,	20777, 21170,
22213, 22221,	18537, 18574,	21171, 21364,
22313, 22326,	18608, 18611,	21365, 21567, 21568
22974, 22982,	18661, 19668,	\bibpostamble . . . . 19988
23075, 23088,	20209, 20404,	\bibpreamble . . . . .
23739, 23747,	20410, 20414,	. . 19971, 22087,
23840, 23853, 26855	20420, 20424,	22088, 22847,
\belowdisplayskip	20429, 20432,	22848, 23612, 23613
. . . 7166, 7175, 8385	20437, 20702,	\bibsection 8466, 8469,
\belowdisplayskip .	21152, 24062,	8471, 8472, 19465,
. . . . . 7167,	24070, 24078,	19969, 24350, 24352
7180, 7215, 8390	24084, 24115,	\bidi@@convert@dimen@t@pt
\bf . . . . 4332, 20267, 20269	24119, 24123,	. . . . . 5331
\bfseries . . . . . 25,	25624, 26077,	\bidi@@convert@dimen@t@unit
303, 516, 532, 561,	26083, 26087,	. . . . . 5328
564, 668, 692, 894,	26093, 26097,	\bidi@@diagbox@double@ii
912, 1151, 1176,	26103, 26106,	. . . . . 10856, 10860
4055, 4506, 4976,	26112, 26176,	\bidi@@diagbox@double@iii
8615, 9157, 9179,	26182, 26362,	. . . . . 10859, 10867
9334, 9356, 9481,	26371, 26379, 26387	\bidi@@diagbox@triple@setbox@NW@tabular@i@ii
9493, 9621, 9635,	\BHFN@OldLTFootnote	. 10876, 10879, 10883
9667, 9673, 9681,	. 16205, 16220, 16226	\bidi@@diagbox@triple@setbox@NW@tabular@iii
11207, 11222,	\BHFN@OldRTLFootnote	. . . . . 10882, 10889
11237, 11240,	. 16206, 16223, 16229	\bidi@@diagbox@triple@setbox@SE@tabular@i
11249, 11476,	\bib@after@hook 22141,	. . . . . 10898, 10905
11499, 11505,	22143, 22902,	\bidi@@diagbox@triple@setbox@SE@tabular@ii@i
11514, 15379,	22904, 23667, 23669	. 10901, 10904, 10912
15393, 15404,	\bib@before@hook . .	\bidi@@end . . . 6073, 6077
15409, 15417,	. . . . . 22091,	\bidi@@footnotetext@font
17848, 20733,	22142, 22852,	. . . . . 38, 241,
20755, 21105,	22903, 23617, 23668	2152, 2201, 8053,
21127, 21301,	\bib@beginhook 22084,	16032, 16039, 16133
21320, 21334,	22090, 22845,	\bidi@@loadwithoptions
21505, 21519,	22851, 23610, 23616	. . . . . 6627,
21550, 21555,	\bib@endhook . . . . .	6634, 6637, 6641
21563, 24881,	. 22145, 22906, 23671	\bidi@@LTFootnotetext@font
24994, 25425,	\bib@heading . . . . .	. . . . . 68, 270,
25429, 25434,	. 22086, 22850, 23615	2186, 2233, 8071,
25463, 25467, 25472	\bibcleanup . . . . . 19993	16033, 16072, 16118
\bgroup . . . . . 171,	\bibentry . . . . . 7925,	\bidi@@null . . . 6245, 6246
172, 379, 394, 399,	7927, 7944, 7946,	\bidi@@onefilewithoptions
404, 637, 1196,	7963, 7965, 7995, 7997	. . . 6649, 6652, 6655
1472, 1751, 1829,	\bibfont . . . . . 19972	\bidi@@patchcmd 5816, 5818
1860, 1869, 2108,	\bibindent . . . 5010, 5011	



\bidi@RTLfootnotetext@font	22308, 23070, 23835	6020, 7111, 7909,
..... 52, 255,	\bidi@AfterFooter .	18148, 19826, 19886
2169, 2217, 8089,	..... 6001, 26833	\bidi@autofootnoterulefalse
16034, 16056, 16103	\bidi@afterfooterhook	. 15960, 15964, 15967
\bidi@thebibliography@font@hook ..	6001, 6002, 26834	\bidi@autofootnoteruletrue
..... 88,	\bidi@AfterLastShipout	..... 15982
291, 573, 708, 971,	... 6047, 6053, 6059	\bidi@backslash 6162, 6163
1221, 2517, 5018,	\bidi@afterlastshipouthook	\bidi@beamer@blacktriangle
9198, 9386, 9695,	..... 6047,	..... 2699,
11257, 11528,	6048, 6054, 6060	2713, 2714, 2715
15432, 17811,	\bidi@AfterOutputBoxOutputPage	\bidi@beamer@frametitleshade
19467, 19974,	..... 5995,	..... 3585, 3630
20779, 21173,	11931, 15791, 26824	\bidi@beamer@Gm@lmargin
21367, 21570,	\bidi@afteroutputboxoutputpagehook	..... 1956,
22100, 22861,	..... 5995,	1983, 1986, 2063
23626, 24356, 26207	5996, 15792, 26825	\bidi@beamer@Gm@rmargin
\bidi@absolutefootnote@count	\bidi@AfterOutputPageShipOut	..... 1964, 2072
..... 11930,	. 6005, 15794, 26837	\bidi@beamer@leftskip
11937, 11955, 11969	\bidi@afteroutputpageshipouthook	1527, 1541, 1545,
\bidi@absolute@page@count	..... 6005,	1563, 1581, 1587,
..... 11928,	6006, 15795, 26838	1685, 1703, 1710,
11929, 11936,	\bidi@AfterPackage 6749	2672, 2693, 2696,
11944, 11951, 11955	\bidi@AfterPreamble	2809, 3459, 3460, 3608
\bidi@addto@envbody	.. 6019, 6020, 18079	\bidi@beamer@ragged
... 5122, 5140, 5142	\bidi@AfterReadingMainAux	1510, 1726, 1735,
\bidi@addto@long@envbody	..... 7031, 7034	1744, 2103, 2469,
... 5146, 5164, 5166	\bidi@append .. 5928, 5978	2495, 2510, 2529,
\bidi@AfterAtEndOfClass	\bidi@append@cslist@to@cslist	2543, 2722, 2744,
..... 6716, 6721	..... 6366, 6439	3037, 3045, 3056,
\bidi@AfterAtEndOfPackage	\bidi@append@list@to@list	3139, 4001, 26117,
..... 6760, 6764	..... 6362, 6448	26127, 26137,
\bidi@AfterClass .. 6704	\bidi@append@to@list	26138, 26286,
\bidi@AfterEndDocument	..... 6341, 6360	26295, 26304, 26313
..... 6062,	\bidi@append@toks@cs@to@list	\bidi@beamer@rightskip
6065, 6069, 6075	..... 6370	..... 2680,
\bidi@AfterEndDocumentCheckLabels@caption	... 5704,	2809, 3461, 3462, 3609
..... 5059,	5748, 6027, 7071	\bidi@beamer@today
6034, 6039, 11971	\bidi@apptocmd ....	... 3182, 3203, 3210
\bidi@afterenddocumentchecklabels@rerrhook	... 5925, 24266	\bidi@BeforeBeginEnvironment
... 6034, 6035, 6040	\bidi@are@these@correct	..... 6109, 6117
\bidi@afterenddocumenthook	..... 6338, 6341	\bidi@BeforeClass . 6702
..... 6062,	\bidi@AtBeginEnvironment	\bidi@BeforeClosingMainAux
6063, 6070, 6076	..... 6079, 6091	.... 6994, 7005,
\bidi@AfterEndEnvironment	\bidi@AtEndEnvironment	7009, 7012, 7020, 7023
..... 6119, 6129	..... 6095, 6105	\bidi@BeforeFile .. 6700
\bidi@AfterEndPreamble	\bidi@AtEndOutputPage	\bidi@BeforeFooter
..... 6022,	.... 5103, 6008,	..... 5998, 26826
6025, 6028, 6030,	11943, 15800, 26843	\bidi@beforefooterhook
6045, 7113, 8629, 8652	\bidi@atendoutputpagehook	.. 5998, 5999, 26827
\bidi@afterendpreamblehook	..... 6008,	\bidi@BeforeHeader
..... 6022,	6009, 15801, 26844	. 5989, 15784, 26809
6023, 6029, 6031	\bidi@AtEndPreamble	\bidi@beforeheaderhook
\bidi@AfterFile 3028,	.... 4199, 5981,	..... 5989,
3381, 6701, 16231,	5984, 6013, 6015,	5990, 15785, 26810



\bidi@BeforeOutputBoxOutputPage	16573, 16576, . 5992, 15788, 26821	16581, 16582, 16594	\bidi@csxappto	5751, 5753
\bidi@beforeoutputboxoutputPage	5993, 15789, 26822	6247, 6248	\bidi@csxpreto	5760, 5762
\bidi@BeforeOutputPageShipOut	5986, 15766, 26767	6418, 6419, 6421, 6422, 6425, 6427	\bidi@current@column@status	. 26426, 26429, 26462
\bidi@beforeoutputpageshipout	5987, 15767, 26768	6391, 6392, 6393, 6394, 6403, 6404	\bidi@dbg@fail	5776, 5786, 5787, 5788, 5789, 5795, 5804, 5810, 5920, 5942, 5954, 5955, 5964
\bidi@BeforePackage	6747	6388, 6390	\bidi@dbg@info	. 5777, 5779, 5782, 5784, 5785, 5796, 5798, 5800, 5802, 5803, 5805, 5807, 5809, 5918, 5943, 5945, 5947, 5950, 5956, 5958
\bidi@bidiold@footnotetext	. . . . . 11660, 14919	6386, 6391	\bidi@dbg@init	. 5774, 5793, 5917, 5940
\bidi@bidiold@mpfootnotetext	. . . . . 11734, 14933	6190, 6264, 6271, 6289, 6294, 6299,	\bidi@dbg@succ	. 5820, 5919, 5951, 5959, 5961
\bidi@bidiold@mpRTLfootnotetext	. . . . . 11771, 14938	6304, 6310, 6315, 6357, 6358, 6376, 6382, 6393, 6403, 6412, 6422, 6426, 6430	\bidi@dbg@trce	. 5767, 5813, 5916, 5925, 5933
\bidi@bidiold@RTLfootnotetext	. . . . . 11691, 14924	6412, 6422, 6426, 6430	\bidi@default	. . . . . . . . . . 6289, 6294, 6299, 6304, 6310, 6315
\bidi@bswitch	. 6304, 6306	6399	\bidi@del@tok@from@list	. . . . . 6385
\bidi@CharsBefore	. 6219, 6221, 6222, 6227, 6231, 6232, 6237	\bidi@csdefcs	\bidi@digits	... 4188, 4194, 4195, 4196
\bidi@CharsBeforeNC	6220	\bidi@csdefcs	\bidi@digits@charclass	. . . . . 4190, 4194, 4195, 4196, 4197
\bidi@clearpage	6056, 6058	\bidi@csdefcs	\bidi@dummies	. . . . . ... 6269, 6271, 6272
\bidi@collect@@body	. . . . . 5128, 5135	\bidi@csdefcs	\bidi@eappto	. . . . . ... 5708, 5721, 5749
\bidi@collect@body	5123	\bidi@csdefcs	\bidi@empty	. . . . . 4204, 4205, 6244, 6247, 6248
\bidi@collect@long@@body	. . . . . 5152, 5159	\bidi@csdefcs	\bidi@empty@stack	. . . . . 6429, 6435
\bidi@collect@long@body	. . . . . 5147	\bidi@csdefcs	\bidi@empty@toks	... 6442, 6445, 6449
\bidi@column@check@number	. . 26424, 26440, 26442, 26444, 26456	\bidi@csdefcs	\bidi@endpreamblehook	. . . . . 5981, 5982, 6014, 6016
\bidi@column@status	. . 4138, 4142, 26426	\bidi@csdefcs	\bidi@ensure@new@command	. . . . . 5416, 5417
\bidi@column@type	. 26441, 26446, 26457	\bidi@csdefcs	\bidi@ensure@newcommand	. . . 5416, 11790, 11802, 11808, 11809, 11813, 11814, 11815, 11816, 11828, 11840, 11862,
\bidi@columnwidth	. . 11579, 11581, 12321, 12327, 12608, 12614, 12907, 12913, 13206, 13212, 13505, 13511, 13804, 13810, 14103, 14109, 14402, 14408, 14701, 14707, 15212, 15223, 18628	\bidi@csdefcs		
\bidi@copy@stacktop	6424	\bidi@csdefcs		
\bidi@copyins@amount	. . 16571, 16572,	\bidi@csdefcs		



11863,	11868,	14172,	14224,	26433, 26496, 26539
11869,	11870,	14251,	14278,	\bidi@floathook ...
11871,	11874,	14283,	14286,	.. 11580, 14786,
11982,	11984,	14289,	14292,	14839, 14891,
11988,	11989,	14345,	14372,	14942, 15350, 15352
12005,	12022,	14399,	14411,	\bidi@font@@outputpage
12027,	12029,	14421,	14471,	. 15774, 26758, 26800
12035,	12037,	14523,	14550,	\bidi@footdir@footnote
12041,	12091,	14577,	14582,	.. 79, 282, 2247,
12143,	12170,	14585,	14588,	16087, 16089, 16093
12197,	12202,	14591,	14644,	\bidi@footskip ....
12205,	12208,	14671,	14698,	.. 11891, 11898,
12211,	12264,	14710,	14720,	11915, 11922, 15230
12291,	12318,	14728,	14735,	\bidi@fswitch . 6315, 6317
12330,	12340,	14738,	14746,	\bidi@gappto .....
12390,	12440,	14758,	14966,	5097, 5712, 5750,
12465,	12490,	15021,	15051,	5981, 5986, 5989,
12495,	12498,	15081,	15085,	5992, 5995, 5998,
12501,	12504,	15089,	15093,	6001, 6005, 6008,
12555,	12580,	15148,	15177,	6022, 6034, 6047, 6062
12605,	12617,	15206,	15217,	\bidi@gobbleopt 6951, 6960
12627,	12677,	15233,	15242,	\bidi@gpreto .. 5734, 5759
12729,	12756,	15251,	15258,	\bidi@hook@acma 6975,
12783,	12788,	15262, 15273, 15274		7019, 7032, 7033, 7038
12791,	12794,	\bidi@ensure@newlength		\bidi@hook@bcma 6969,
12797,	12850,	. 5423, 11812, 11872		7018, 7021, 7022, 7028
12877,	12904,	\bidi@epreto .....		\bidi@hooktocmd ...
12916,	12926,	... 5730, 5743, 5758		... 5928, 5936, 5938
12976,	13028,	\bidi@eqs@a ... 6200, 6201		\bidi@hooktocmd@i .
13055,	13082,	\bidi@eqs@b ... 6200, 6201		..... 5952, 5966
13087,	13090,	\bidi@EqualString . 6200		\bidi@hop@ES .. 6208, 6210
13093,	13096,	\bidi@EqualStringX 6205		\bidi@ifafterfinalfootnoteperpage
13149,	13176,	\bidi@error .... 5425,		..... 11950, 11963
13203,	13215,	5676, 6274, 6381, 6550		\bidi@ifblank@i ...
13225,	13275,	\bidi@everyjob . 3943,		... 5371, 5372, 5374
13327,	13354,	3944, 4271, 4272		\bidi@ifdefmacro 5377,
13381,	13386,	\bidi@excludedpackages		5379, 5380, 5381
13389,	13392,	6788, 6789, 6809,		\bidi@ifdefparam 5895,
13395,	13448,	6845, 6862, 6870,		5897, 5898, 5899
13475,	13502,	6880, 6902, 6903,		\bidi@ifdefprotected
13514,	13524,	6911, 6912, 6917, 6930		..... 5904,
13574,	13626,	\bidi@expandonce ..		5906, 5907, 5908
13653,	13680,	5696, 5707, 5711,		\bidi@ifEmpty ..... 6247
13685,	13688,	5715, 5719, 5729,		\bidi@ifempty ..... 6245
13691,	13694,	5733, 5737, 5741, 5962		\bidi@ifEmptyX .... 6246
13747,	13774,	\bidi@ff@box 15808, 15826		\bidi@ifhashcheck .
13801,	13813,	\bidi@finalfootnoteperpage		... 5781, 5866, 5949
13823,	13873,	..... 11935, 11946		\bidi@ifhashcheck@i
13925,	13952,	\bidi@firstcolumn@status@write		..... 5870, 5872
13979,	13984,	..... 4136, 4144,		\bidi@ifhashcheck@ii
13987,	13990,	10074, 10133,		..... 5874,
13993,	14046,	15614, 15650,		5877, 5878, 5879
14073,	14100,	16488, 16541,		
14112,	14122,	19544, 19640,		



\bidi@ifmulticol ..	18259,	18260,	12891,	13122,
.. 11880, 11890,	18261,	18262,	13124,	13163,
11914, 15352, 15356	18263,	18264,	13190,	13421,
\bidi@ifNextChar .. 6255	18265,	18266,	13423,	13462,
\bidi@ifpatchable .	18267,	18268,	13489,	13720,
... 5770, 5772, 5819	18269,	18270,	13722,	13761,
\bidi@ifpatchable@i	18271,	18274,	13788,	14019,
..... 5770, 5791	18277,	18280,	14021,	14060,
\bidi@ifpattern 5783, 5882	18283,	18286,	14087,	14318,
\bidi@ifscanable 5780,	18289,	18292,	14320,	14359,
5801, 5850, 5948	18295,	18299,	14386,	14617,
\bidi@in@front@of@cslist	18302,	18305,	14619,	14658,
..... 6394, 6395	18308,	18311,	14685,	15120,
\bidi@in@front@of@list	18314,	18317,	15122, 15163, 15192	
..... 6393	18320,	18323,	\bidi@lastcolumn@status@write	
\bidi@info ..... 5427	18326,	18329,	4140, 4145, 10078,	
\bidi@init@multi@footins	18332,	18335,	10139,	15618,
..... 15338,	18338,	18341,	15656,	16494,
15355, 15360, 15361	18344,	18347,	16545,	19548,
\bidi@invert@csstack	18350,	18353,	19646, 26500, 26545	
..... 6434	18356,	18359,	\bidi@leave@mult@copyins	
\bidi@IsEmptyList . 6248	18362,	18365,	..... 19881, 19892	
\bidi@isloaded ....	18368,	18371,	\bidi@left@footnoterule	
... 5842, 18198,	18374,	18377,	. 18630, 18636, 18641	
18199, 18200,	18380,	18383,	\bidi@leftskip ....	
18201, 18202,	18386,	18389,	.. 24882, 24884,	
18203, 18204,	18392,	18395,	24886, 24887,	
18205, 18206,	18398,	18401,	24997, 25054,	
18207, 18208,	18404,	18407,	25056, 25092,	
18209, 18210,	18410,	18413,	25093, 25125, 26115	
18211, 18212,	18416,	18419,	\bidi@length@of@csstack	
18213, 18214,	18422,	18425,	... 6430, 6431, 6434	
18215, 18216,	18428,	18431,	\bidi@length@of@stack	
18217, 18218,	18434,	18437,	..... 6430, 6444	
18219, 18220,	18440,	18443,	\bidi@load@hook 6620,	
18221, 18222,	18446,	18449,	6623, 6656, 6693	
18223, 18224,	18452,	18455,	\bidi@loadwithoptions	
18225, 18226,	18458,	18461,	... 6628, 6629, 6634	
18227, 18228,	18464,	18467,	\bidi@local@in@front@of@list	
18229, 18230,	18470,	18473,	..... 6398, 6415	
18231, 18232,	18476,	18479,	\bidi@local@push@onto	
18233, 18234,	18482, 18485, 18488		..... 6414	
18235, 18236,	\bidi@joinfootnotes		\bidi@looprepeat@comp	
18237, 18238,	..... 11864,		... 6508, 6544, 6549	
18239, 18240,	11865, 11866, 11886		\bidi@looprepeat@csarg	
18241, 18242,	\bidi@joinmpfootnotes		..... 6486, 6538	
18243, 18244,	.. 11735, 11772,		\bidi@looprepeat@csargromannumeral	
18245, 18246,	11910, 11985,		..... 6488,	
18247, 18248,	11986, 12237,		6503, 6504, 6505,	
18249, 18250,	12239, 12278,		6506, 6507, 6510,	
18251, 18252,	12305, 12529,		6515, 6516, 6517,	
18253, 18254,	12531, 12568,		6518, 6519, 6521,	
18255, 18256,	12593, 12823,		6527, 6540, 6542,	
18257, 18258,	12825, 12864,		6543, 6544, 6551,	



6552, 6554, 6559, 6567	\bidi@make@mpfivecol@LTRfootgroup	\bidi@everypar ..
\bidi@looprepeat@csromannumeral . 12947, 12972, 13220		.. 20398, 20399,
.... 6487, 6511,	\bidi@make@mpfourcol@LTRfootgroup	20400, 20401,
6519, 6522, 6538, 6566	. 12648, 12673, 12921	25886, 26071,
\bidi@looprepeat@depth	\bidi@make@mpninecol@LTRfootgroup	26072, 26073, 26074
..... 6487,	. 14143, 14168, 14416	\bidi@namedef ..... 6131
6488, 6490, 6502, 6528	\bidi@make@mppara@LTRfootgroup	\bidi@nameedef .... 6133
\bidi@looprepeat@dxbody	.. 14783, 14836,	\bidi@namegdef ....
..... 6511, 6515	14889, 14940, 15242	... 5102, 5429, 6132
\bidi@looprepeat@setup	\bidi@make@mpsevendcol@LTRfootgroup	\bidi@namelongdef . 5408
..... 6508, 6534	. 13545, 13570, 13818	\bidi@namelongedef 5412
\bidi@looprepeat@sign	\bidi@make@mpsixcol@LTRfootgroup	\bidi@namelonggdef 5410
... 6508, 6519, 6549	. 13246, 13271, 13519	\bidi@namelongxdef 5414
\bidi@looprepeat@tmp	\bidi@make@mpntencol@LTRfootgroup	\bidi@namexdef .... 6134
6509, 6510, 6537,	. 14442, 14467, 14715	\bidi@new@command .
6539, 6542, 6547,	\bidi@make@mpthreecol@LTRfootgroup	..... 5648,
6554, 6557, 6559, 6562	. 12361, 12386, 12622	5650, 5679, 5687
\bidi@looprepeat@traceexit	\bidi@make@mpwocol@LTRfootgroup	\bidi@new@ifnch 5173, 5175
..... 6493, 6528	. 12062, 12087, 12335	\bidi@new@ifnextchar
\bidi@looprepeat@traceinit	\bidi@make@nincol@LTRfootgroup	..... 5170, 26197
..... 6493, 6501	. 14135, 14160, 14405	\bidi@newcommand ..
\bidi@looprepeat@zero	\bidi@make@para@LTRfootgroup	..... 5650, 5652
... 6508, 6527, 6565	.. 14774, 14827,	\bidi@newrobustcmd
\bidi@lst@caption@direction	14877, 14928, 15217	.... 4011, 4013,
..... 18097,	\bidi@make@sevendcol@LTRfootgroup	5647, 5648, 5672,
18098, 18110, 18113	. 13537, 13562, 13807	5683, 5704, 5708,
\bidi@lst@caption@script	\bidi@make@sixcol@LTRfootgroup	5712, 5716, 5721,
..... 18104,	. 13238, 13263, 13508	5722, 5726, 5730,
18105, 18121, 18124	\bidi@make@tencol@LTRfootgroup	5734, 5738, 5743,
\bidi@lst@ensure@caption@direction	14434, 14459, 14704	5744, 5748, 5749,
..... 18108,	\bidi@make@threecol@LTRfootgroup	5750, 5751, 5752,
18133, 18135,	. 12353, 12378, 12611	5753, 5757, 5758,
18137, 18156,	\bidi@make@twocol@LTRfootgroup	5759, 5760, 5761,
18160, 18167, 18176	. 12054, 12079, 12324	5762, 5766, 5812,
\bidi@lst@ensure@caption@script	\bidi@make@colbf ...	5911, 5912, 5924,
. 18119, 18131, 18175	..... 15312, 15324	5932, 5981, 5984,
\bidi@LTR@rigidbalance	\bidi@matrix@check	5986, 5989, 5992,
.. 12032, 12329,	..... 5179, 26192	5995, 5998, 6001,
12339, 12616,	\bidi@matrix@error	6005, 6008, 6019,
12626, 12915,	..... 5181, 5185	6022, 6025, 6034,
12925, 13214,	\bidi@mopfn@bottom	6047, 6062, 6065,
13224, 13513,	..... 15279,	6079, 6095, 6109,
13523, 13812,	15292, 15325, 15326	6119, 26165, 26167
13822, 14111,	\bidi@mopfootnotebf	\bidi@next .....
14121, 14410,	..... 15288, 15319	6221, 6222, 6224,
14420, 14709, 14719	\bidi@mpfootnoterule	6226, 6227, 6229,
\bidi@make@eightcol@LTRfootgroup	2196, 2212, 2228,	6234, 6236, 6237, 6239
. 13836, 13861, 14106	15864, 16098,	\bidi@NextChar .... 6252
\bidi@make@fivecol@LTRfootgroup	16113, 16128,	\bidi@normal@footmarkwidth
. 12939, 12964, 13209	16167, 18716, 24264	.. 11799, 11855,
\bidi@make@fourcol@LTRfootgroup	\bidi@mpswitch . 6310, 6312	11861, 12064,
. 12640, 12665, 12910	\bidi@multicol@align@columns	12089, 12363,
\bidi@make@mp@eightcol@LTRfootgroup	..... 19768,	12388, 12650,
. 13844, 13869, 14117	19819, 19822, 19824	12675, 12949,



12974, 13248,	\bidi@p@xRTLfootnote	18055, 18061,
13273, 13547,	... 4654, 4700, 4776	18069, 18149,
13572, 13846,	\bidi@p@xRTLftntext	18162, 18618,
13871, 14145,	..... 4653,	19888, 20035,
14170, 14444,	4680, 4705, 4775	20140, 20535,
14469, 14809,	\bidi@page@count 5040,	24253, 24261, 26563
14862, 14913, 14964	5041, 5075, 5104	\bidi@patchcmd@scantoks
\bidi@notblank . 5373,	\bidi@paraskip 14755,	... 5830, 5836, 5974
5381, 5899, 5908	14804, 14857,	\bidi@pdfencrypt@keylength
\bidi@nxt@a .....	14909, 14960, 15229	..... 4064, 4217
... 6253, 6256, 6258	\bidi@patch@@AfterPackage	\bidi@pdfencrypt@ownerpassword
\bidi@nxt@b .....	..... 7083, 7088	... 4061, 4204, 4216
... 6253, 6256, 6259	\bidi@patch@Add 7070, 7099	\bidi@pdfencrypt@permissionflags
\bidi@nxt@c .....	\bidi@patch@AfterPackage	..... 4067, 4218
... 6254, 6257, 6258	.... 7073, 8021,	\bidi@pdfencrypt@userpassword
\bidi@nxt@ch .....	8023, 8026, 8047,	... 4058, 4205, 4215
... 6253, 6256, 6258	8198, 8248, 8304, 8548	\bidi@pdfm@mark 4344, 4359
\bidi@o@everypar ..	\bidi@patch@counter	\bidi@pickescape .. 6195
..... 20397,	.... 7051, 7055,	\bidi@pop@cs@into .
20399, 20400,	7058, 7064, 7065, 7084	..... 6418, 6437
26070, 26072, 26073	\bidi@patch@gtemp .	\bidi@pop@into 6421, 6447
\bidi@oldwbuskip ..	..... 7091, 7098	\bidi@pos . 5429, 5437,
..... 6380, 6383	\bidi@patch@list 7069,	5465, 5491, 5519,
\bidi@onefilewithoptions	7071, 7109, 7111, 7118	5545, 5548, 5582, 5585
... 6644, 6645, 6649	\bidi@patch@OrgIfClassLater	\bidi@poscount . 5431,
\bidi@orig@leftline	..... 7117, 7122	5434, 5437, 5454,
. 26340, 26342, 26343	\bidi@patch@OrgIfClassLoaded	5456, 5465, 5479,
\bidi@orig@raggedleft	..... 7116, 7121	5481, 5488, 5491,
. 26325, 26327, 26328	\bidi@patch@OrgIfPackageLater	5508, 5510, 5519,
\bidi@orig@raggedright	..... 7115, 7120	5533, 5535, 5542,
. 26326, 26327, 26328	\bidi@patch@OrgIfPackageLoaded	5545, 5548, 5565,
\bidi@orig@rightline	..... 7114, 7119	5567, 5571, 5573,
. 26341, 26342, 26343	\bidi@patch@stepcounter	5582, 5585, 5599,
\bidi@oswitch ..... 6294	... 7053, 7063, 7082	5601, 5605, 5607,
\bidi@p@ftn 4599, 4662,	\bidi@patch@temp ..	5614, 5616, 5617,
4664, 4665, 4667,	..... 7081, 7085	5619, 5620, 5623,
4668, 4670, 4671,	\bidi@patch@try 7100, 7103	5624, 5631, 5633, 5634
4675, 4678, 4681, 4786	\bidi@patchcmd ....	\bidi@prepend . 5936, 5979
\bidi@p@ftntext ...	.. 171, 179, 188,	\bidi@prepend@cslist@to@cslist
... 4646, 4663, 4768	338, 1838, 5812,	..... 6368
\bidi@p@LTRftntext	5813, 6037, 6050,	\bidi@prepend@list@to@list
... 4647, 4666, 4769	6067, 6084, 6098,	..... 6364
\bidi@p@RTLftntext	6122, 7342, 10854,	\bidi@prepend@to@list
... 4648, 4669, 4770	10857, 10874,	..... 6361
\bidi@p@xfootnote .	10877, 10880,	\bidi@prepend@toks@cs@to@list
... 4650, 4684, 4772	10896, 10899,	..... 6371
\bidi@p@xftntext 4649,	10902, 10920,	\bidi@preto 5726, 5757,
4674, 4689, 4771	10928, 10936,	6011, 15345, 15358
\bidi@p@xLTRfootnote	10945, 10954,	\bidi@pretocmd . 5932,
... 4652, 4692, 4774	10963, 16839,	5933, 6112, 6154
\bidi@p@xLTRftntext	17739, 17747,	\bidi@PreventPackageFromLoading
..... 4651,	17755, 17763,	..... 6791,
4677, 4697, 4773	17771, 17780,	6805, 6835, 6868
	17788, 17797,	



\bidi@process@envbody	19940, 19943,	13964, 14191,
..... 5125,	19945, 19948,	14193, 14236,
5129, 5130, 5144,	19950, 19952,	14263, 14490,
5149, 5153, 5154, 5168	19955, 19957,	14492, 14535,
\bidi@protected ...	19959, 19962,	14562, 14987,
.... 5699, 5721,	19964, 19966, 26329	14989, 15035, 15065
5722, 5743, 5744,	\bidi@rcol@copyinsskip	\bidi@reinserts ...
5752, 5753, 5761, 5762	..... 16451,	. 15329, 15347, 15348
\bidi@protected@csappto	16456, 16465, 16514	\bidi@releasename .
..... 5752	\bidi@redefine@newpage	3911, 3912, 3913,
\bidi@protected@cspreto	..... 6985, 7025	3928, 3992, 3995,
..... 5761	\bidi@reflect@box .	3998, 4239, 4240,
\bidi@protected@csxappto	.. 20475, 20482,	4256, 4335, 4338, 4341
..... 5753	26159, 26166, 26168	\bidi@removexfootskip
\bidi@protected@csxpreto	\bidi@reinsert@footnotes	.. 11892, 11916,
..... 5762	. 15342, 15364, 15365	14767, 14820,
\bidi@protected@eappto	\bidi@reinsertfinalfootnoteperpage	4876, 14927, 15232
..... 5721	.. 11962, 12138,	\bidi@removexparafootskip
\bidi@protected@epreto	12140, 12168,	.. 14767, 14820,
..... 5743	12195, 12435,	14876, 14927, 15228
\bidi@protected@immediate@write	12437, 12463,	\bidi@renew@command
... 7024, 7035, 7041	12488, 12724,	... 5672, 5674, 5688
\bidi@protected@xappto	12726, 12754,	\bidi@renewrobustcmd
..... 5722	12781, 13023,	..... 5672
\bidi@protected@xpreto	13025, 13053,	\bidi@ReplaceClass 6675
..... 5744	13080, 13322,	\bidi@replacefile@msg
\bidi@provide@command	13324, 13352,	..... 6612,
..... 5683, 5685	13379, 13621,	6636, 6651, 6689
\bidi@providerobustcmd	13623, 13651,	\bidi@ReplaceInput 6659
..... 5683	13678, 13920,	\bidi@ReplacePackage
\bidi@push@begins .	13922, 13950,	..... 6672
... 5132, 5133, 5136	13977, 14219,	\bidi@RequirePackage
\bidi@push@cs@onto@cs	14221, 14249,	... 6811, 6871, 6922
..... 6411, 6438	14276, 14518,	\bidi@ResetPreventPackageFromLoading
\bidi@push@long@begins	14520, 14548,	..... 6863,
... 5156, 5157, 5160	14575, 15016,	6869, 6878, 6917
\bidi@push@onto ... 6412	15018, 15049, 15079	\bidi@resrvda .....
\bidi@push@onto@cs	\bidi@reinsertfootnote	5822, 5823, 5824,
..... 6412, 6413	..... 11662,	5827, 5828, 5829,
\bidi@raggedleft ..	11693, 11904,	5830, 5831, 5832,
.... 4953, 4960,	11964, 12110,	5837, 5840, 5852,
4965, 4984, 10553,	12112, 12155,	5853, 5854, 5855,
10669, 15582,	12182, 12408,	5856, 5858, 5859,
15588, 16955, 26330	12410, 12451,	5868, 5870, 5884,
\bidi@raggedright .	12476, 12696,	5885, 5887, 5889,
.. 15580, 15586,	12698, 12741,	5890, 5968, 5969,
19903, 19906,	12768, 12995,	5970, 5971, 5972,
19908, 19911,	12997, 13040,	5973, 5974, 5975, 5976
19913, 19915,	13067, 13294,	\bidi@resrvdb . 5824, 5825
19918, 19920,	13296, 13339,	\bidi@restore@newpage
19922, 19924,	13366, 13593,	... 6970, 6987, 7017
19927, 19929,	13595, 13638,	\bidi@restorecatcode
19931, 19933,	13665, 13892,	..... 6179
19935, 19938,	13894, 13937,	



\bidi@right@footnoterule	\bidi@star@footmarkwidth	4115, 4121, 4127, 4134, 4148, 4155, 4165
. 18631, 18634, 18643	..... 11799,	\bidi@tempb .... 4073,
\bidi@rightskip 24878,	11858, 12064,	4074, 4079, 4080,
24990, 25058,	12089, 12363,	4085, 4086, 4091,
25059, 25071,	12388, 12650,	4092, 4097, 4098,
25075, 25079, 26116	12675, 12949,	4103, 4104, 4115,
\bidi@RTL@everypar	12974, 13248,	4116, 4121, 4122,
.. 14973, 15004,	13273, 13547,	4127, 4128, 4134,
15022, 15038,	13572, 13846,	4135, 4148, 4149,
15052, 15068,	13871, 14145,	4155, 4156, 4165, 4166
15107, 15137,	14170, 14444,	\bidi@tempcountb 6166,
15151, 15166,	14469, 14809,	6435, 6436, 6445, 6446
15180, 15195,	14862, 14913, 14964	\bidi@temptoksa 6167,
20396, 20400,	\bidi@startparafootskip	6435, 6438, 6439,
24002, 26069, 26073	..... 14754,	6440, 6442, 6445, 6449
\bidi@s@tfftextcol	14757, 14806,	\bidi@temptoksb 6168,
..... 15805, 15809	14807, 14859,	6437, 6438, 6439, 6440
\bidi@s@saved@checkend	14860, 14911, 14962	\bidi@todonotes@tempa
... 6962, 6965, 6983	\bidi@step@absolutefootnote@count	..... 25762, 25770
\bidi@s@saved@clearpage	.. 11661, 11692,	\bidi@todonotes@tempb
... 6967, 6968, 6971	11968, 12108,	..... 25762,
\bidi@s@saved@dofilelist	12154, 12181,	25763, 25770, 25771
..... 6973,	12406, 12450,	\bidi@tok@SM .. 6386, 6391
6976, 6977, 6984	12475, 12694,	\bidi@toks@lista ..
\bidi@s@saved@eqno ..	12740, 12767,	6351, 6353, 6354,
..... 20486,	12993, 13039,	6355, 6356, 6387,
20488, 20489,	13066, 13292,	6389, 6395, 6396,
26856, 26858, 26859	13338, 13365,	6398, 6400, 6405, 6406
\bidi@s@saved@leqno .	13591, 13637,	\bidi@toks@listb ..
..... 20487,	13664, 13890,	... 6351, 6387, 6389
20488, 20489,	13936, 13963,	\bidi@undef .... 2717,
26857, 26858, 26859	14189, 14235,	2740, 2811, 3260,
\bidi@s@saved@newpage	14262, 14488,	5832, 5911, 5976,
..... 6986, 6997	14534, 14561,	6016, 6031, 24737,
\bidi@s@saved@RequirePackage	14985, 15034, 15064	24738, 24898,
.... 6790, 6810,	\bidi@storecatcode 6172	24899, 25148, 25149
6821, 6873, 6875, 6953	\bidi@storepreventpackagefromloading	\bidi@undefined 5911, 5913
\bidi@sepmark@charclass	..... 6879, 6882	\bidi@undefinedcs .
..... 4191,	\bidi@stringbefore 6230	6264, 6271, 6326,
4192, 4193, 4197	\bidi@stringbeforenc	6330, 6336, 6340, 6381
\bidi@set@column@status	..... 6218	\bidi@unpreventpackagefromloading
. 26428, 26456, 26461	\bidi@switch ... 6278,	..... 6883
\bidi@set@cslist ..	6289, 6291, 6296	\bidi@unreplaceclass
..... 6404, 6405	\bidi@switch@exit .	..... 6686
\bidi@set@list .... 6403	6288, 6289, 6290,	\bidi@unreplaceinput
\bidi@set@load@hook	6294, 6295, 6299,	..... 6663
.... 6697, 6700,	6300, 6304, 6305,	\bidi@unreplacepackage
6701, 6703, 6722,	6310, 6311, 6315, 6316	..... 6683
6734, 6748, 6765, 6776	\bidi@t@w@w ..... 6339	\bidi@version .. 3910,
\bidi@SOUL@ulleaders	\bidi@tabular@RTLcases	3913, 3928, 3945,
..... 24043, 24049	..... 26172, 26199	3947, 3953, 3959,
\bidi@stack@length	\bidi@tempa .....	3992, 3995, 3998,
6429, 6431, 6432,	4073, 4079, 4085,	
6436, 6437, 6446, 6447	4091, 4097, 4103,	



4238, 4256, 4276, 4278, 4335, 4338, 4341	\bidipoem@p@ftn 8844, 8854, 8978, 8979, 8981, 8982, 8984, 8985, 8988, 8991, 8994, 9099, 17412, 17422, 17443, 17453, 17474, 17484	\bidituftehyperrefLoadHyperref ..... 8506, 8517
\bidi@w@w ..... 6326	\bidipoem@p@ftntext 8871, 8882, 8977, 9088, 9102, 17410	\bidituftesidenotemarginpar ... 7697, 8049, 8208
\bidi@warning .. 5426, 6089, 6103, 6115, 6127	\bidipoem@p@LTrftntext 8872, 8883, 8980, 9089, 9103, 17441	\bidituftetocError ... 8237, 8284, 8293
\bidi@willbeunhskip ... 6373, 6380, 6383	\bidipoem@p@RTLftntext 8873, 8884, 8983, 9090, 9104, 17472	\bidiversion .. 3945, 4273
\bidi@x@stack@to@list ..... 6444	\bidipoem@p@xfootnote ..... 8875, 8886, 8996, 9092, 9106	\bigskip ..... 20557
\bidi@xappto ..... ... 5716, 5722, 5751	\bidipoem@p@xftntext .... 8874, 8885, 8987, 9001, 9091, 9105	\bl ..... 20302, 20303, 20306, 20307, 20308, 20312, 20367, 20374, 20378
\bidi@xargdef . 5654, 5662	\bidipoem@p@xLTrfootnote ..... 8877, 8888, 9003, 9094, 9108	\blacktriangleleft . 2701, 16293, 16295
\bidi@xparaskip ... .. 14749, 14751, 14753, 14803, 14856, 14908, 14959	\bidipoem@p@xLTrftntext .... 8876, 8887, 8990, 9008, 9093, 9107	\blacktriangleright . 2703, 16293, 16295
\bidi@xpreto ..... ... 5738, 5744, 5760	\bidipoem@p@xRTLfootnote ..... 8879, 8890, 9010, 9096, 9110	\bmb ..... 26405
\bidicolor .... 9820, 9876, 9891, 9893, 15806, 26012, 26059, 26062, 26063	\bidipoem@p@xRTLftntext .... 8878, 8889, 8993, 9015, 9095, 9109	\bmb@l ..... 26402
\bidics ..... 6163	\bidipoem@set@verse ... 8799, 8802, 8804	\bmb@r ..... 26403
\bididate . 3909, 3913, 3928, 3992, 3995, 4236, 4256, 4335, 4338	\bidipoem@set@verseI ..... 8798, 8801	\bmb@t ..... 26404
\bidiGscale@@box .. ..... 16775, 16776	\bidipoem@spreadbox ..... 8788, 8810, 8812, 8813, 8814	\bmb@box .. 1768, 1773, 1774, 1775, 1778, 1779, 1783, 1784, 1785, 1791, 1792, 1804, 1810, 1814, 1829
\bidiGscale@box ... . 16752, 16753, 16772	\bidireleasename .. ..... 3912, 4240	\bmb@colorbox ..... 1828
\bidiGscale@box@dd . 16784, 16788, 16794	\bidirlap ..... 26344	\bmb@dima . 1788, 1801, 1804, 1805, 1806, 1807, 1818, 1819, 1820
\bidiGscale@box@ddd ..... 16790, 16801	\bidituftefloatDebugInfoNL ..... 7130, 7218, 7222, 7517, 7566	\bmb@dimb ..... 1789, 1802, 1803, 1806
\bidillap ..... 26345	\bidituftefloatError ..... 7129, 7612	\bmb@diml ..... 1789,
\bidipdfinfoff ... 4356	\bidituftefloatInfoNL ... 7130, 7131, 7681	\bmb@lower ... 1755, 1831
\bidipdfinfoon 4355, 4361	\bidituftefloatRecalculate ..... 7247, 7258	\bmb@prevheight 1776, 1785
\bidipoem@hvlen 8793, 8799, 8802, 8805, 8814		\bmb@temp ..... 1779, 1780, 1781, 1783, 1787, 1788, 1789, 1799
\bidipoem@half@verses ... 8819, 8820, 8823		\bmb@upper ... 1760, 1770
\bidipoem@half@verses@next ... 8819, 8820, 8821		\bmb@width 1769, 1778, 1787, 1817, 1818, 1829
\bidipoem@hvind ... 8793, 8796, 8797, 8805, 8806, 8809, 8812		\bool ..... 18742, 18750, 18881, 18898, 18899, 18943, 18949, 18964, 18987, 18990, 19010, 19015, 19027, 19044, 19045, 19048, 19065, 19090, 19097, 19103, 19109, 19119, 19126, 19148, 19260, 19263, 19271,
\bidipoem@hvlen 8792, 8797, 8799, 8810, 8812		
\bidipoem@hvsep 8792, 8805, 8806, 8813		
\bidipoem@next 8798, 8799		
\bidipoem@openbox . ..... 8837, 8842		



19272, 20036, 20122, 20124, 20133	16816, 18143, 18551, 18602, 18608, 18618, 18620, 18622, 18960, 19218, 19229, 19234, 19268, 19269, 19270, 19271, 19273, 19402, 19436, 19545, 19549, 19641, 19647, 19784, 19790, 19805, 19813, 20121, 20129, 20134, 20271, 20275, 20291, 20325, 20329, 20334, 20338, 20350, 20361, 20375, 20378, 20382, 20387, 20463, 20479, 20524, 20527, 20537, 20545, 21611, 21620, 21658, 21669, 24245, 24291, 24309, 25956, 25957, 25967, 26163, 26347, 26497, 26501, 26540, 26546, 26565, 26581, 26713, 26729, 26740, 26753, 26755, 26819, 26823, 26853	\bracetext ..... 4015, 4302, 20402, 20403, 26075, 26076 \break ..... 18508 \BreakBibliography ..... 22093, 22126, 22128, 22134, 22854, 22887, 22889, 22895, 23619, 23652, 23654, 23660 \breakhere ... 3227, 3235 \breaklooprepeat 6472, 6474, 6526, 6527, 6545, 6556, 6561, 6575 \breakrepeatloop .. 6501 \bs ..... 4516, 4517, 4519 \bslice ..... 20322, 20323, 20325, 20335, 20336, 20338, 20358, 20359, 20361, 20385, 20386, 20387 \bx@A ..... 7552, 7593 \bx@a .... 7526, 7558, 7599 \bx@AA ... 7565, 7567, 7605 \bx@B ..... 7552, 7593 \bx@b .... 7527, 7558, 7599 \bx@BB ..... 7568, 7605 \bx@C ..... 7552, 7593 \bx@c .... 7528, 7558, 7599 \bx@CC ..... 7569, 7605 \bx@D ..... 7552, 7593 \bx@d .... 7529, 7558, 7599 \bx@DD ..... 7570, 7605 \bx@E ..... 7552, 7593 \bx@e .... 7530, 7558, 7599 \bx@EE ..... 7571, 7605 \bx@F ..... 7553, 7594 \bx@f .... 7531, 7559, 7600 \bx@FF ..... 7572, 7606 \bx@G ..... 7553, 7594 \bx@g .... 7532, 7559, 7600 \bx@GG ..... 7573, 7606 \bx@H ..... 7553, 7594 \bx@h .... 7533, 7559, 7600 \bx@HH ..... 7574, 7606 \bx@I ..... 7553, 7594 \bx@i .... 7534, 7559, 7600 \bx@II ..... 7575, 7606 \bx@J ..... 7553, 7594 \bx@j .... 7535, 7559, 7600 \bx@JJ ..... 7576, 7606 \bx@K ..... 7554, 7595
\boolean ..... 7130, 7190, 7192, 7195, 7199, 7202, 7205, 7230, 7326, 7341, 7352, 7372, 7379, 7387, 7404, 7424, 7428, 7446, 7447, 7450, 7451, 7486, 7495, 7506, 8251, 8255, 8303, 8516, 8653, 8722, 8733, 15820, 20155		
\botmark ... 15799, 26842		
\box .. 1783, 1901, 1905, 1907, 1915, 1921, 1923, 1977, 1981, 1983, 2003, 2012, 2014, 2032, 2041, 2043, 2081, 2085, 2087, 2094, 2360, 2364, 2412, 2425, 2442, 2447, 2818, 2824, 2864, 3634, 4048, 4327, 7667, 9727, 9791, 9859, 10016, 10019, 10036, 10040, 10075, 10079, 10085, 10086, 10134, 10140, 10144, 10145, 10371, 10376, 10383, 10390, 10426, 10710, 10731, 10747, 10804, 12029, 12032, 14732, 14744, 15305, 15315, 15615, 15619, 15651, 15657, 15700, 15790, 15823, 15828, 16391, 16398, 16401, 16415, 16489, 16495, 16542, 16546, 16585, 16597, 16608, 16618, 16631, 16703, 16720, 16723, 16766, 16769, 16799,	\boxdef ..... 4548, 4550, 4556, 4561, 4566 \boxmaxdepth ..... ... 10702, 10707, 10723, 10728, 10755, 10812, 15275, 15290, 15547, 16344, 16346, 16670, 26568, 26584, 26595 \br ..... 20302, 20304, 20306, 20307, 20308, 20312, 20368, 20374, 20382 \BR@b@bibitem . 7902, 7903 \BR@bibitem ... 7905, 7906 \BR@c@bibitem ..... 7907	



\bx@k . . . . 7536, 7560, 7601	C	23644, 24357, 24364
\bx@KK . . . . . 7577, 7607	\c . . . . . 18944, 18945,	\c@equation . . . . .
\bx@L . . . . . 7554, 7595	18959, 19221, 19302	9229, 9406, 9651,
\bx@l . . . . 7537, 7560, 7601	\c@abspage . . . . . 15895	11097, 11166,
\bx@LL . . . . . 7578, 7607	\c@addvipersep 19489,	11483, 15540,
\bx@M . . . . . 7554, 7595	19507, 19512,	15832, 15845,
\bx@m . . . . 7538, 7560, 7601	19534, 19564,	19364, 20799,
\bx@MM . . . . . 7579, 7607	19589, 19607,	21168, 21353,
\bx@N . . . . . 7554, 7595	19612, 19634, 19661	21535, 22841, 23606
\bx@n . . . . 7539, 7560, 7601	\c@algocf . . . . . 168	\c@figure . . . . .
\bx@NN . . . . . 7580, 7607	\c@chapter . . . . 9229,	9231, 9408, 9653,
\bx@O . . . . . 7555, 7596	9231, 9233, 9406,	11485, 15542,
\bx@o . . . . 7540, 7561, 7602	9408, 9410, 9651,	15834, 15847,
\bx@OO . . . . . 7581, 7608	9653, 9655, 9656,	19365, 20801,
\bx@P . . . . . 7555, 7596	11483, 11485,	21164, 21355,
\bx@p . . . . 7541, 7561, 7602	11487, 11488,	21537, 22830, 23599
\bx@PP . . . . . 7582, 7608	15540, 15542,	\c@footnote . . . . 128,
\bx@Q . . . . . 7555, 7596	15544, 15832,	318, 453, 745, 804,
\bx@q . . . . 7542, 7561, 7602	15834, 15836,	997, 1056, 1247,
\bx@QQ . . . . . 7583, 7608	15837, 15845,	1306, 4397, 9244,
\bx@R . . . . . 7555, 7596	15847, 15849,	9421, 9558, 11317,
\bx@r . . . . 7543, 7561, 7602	15850, 18193,	11414, 15484,
\bx@RR . . . . . 7584, 7608	19364, 20016,	16176, 16190,
\bx@S 7516, 7518, 7556, 7597	20799, 20801,	17225, 17335,
\bx@s . . . . 7544, 7562, 7603	20803, 21164,	17343, 17373,
\bx@SS . . . . . 7585, 7609	21166, 21168,	17381, 17888,
\bx@T . . . . 7519, 7556, 7597	21353, 21355,	18582, 18585,
\bx@t . . . . 7545, 7562, 7603	21357, 21535,	20816, 20875,
\bx@TT . . . . . 7586, 7609	21537, 21539, 21540	20955, 21016,
\bx@U . . . . 7520, 7556, 7597	\c@colht . . . . . 19489,	21212, 21255,
\bx@u . . . . 7546, 7562, 7603	19501, 19527,	21442, 21864,
\bx@UU . . . . . 7587, 7609	19528, 19589,	21985, 22604,
\bx@V . . . . 7521, 7556, 7597	19601, 19627, 19628	22725, 23377, 23498
\bx@v . . . . 7547, 7562, 7603	\c@curpg . . . . .	\c@Hy@AnnotLevel . .
\bx@VV . . . . . 7588, 7609	. 15714, 15741, 15742	. . . . . 17547,
\bx@W . . . . 7522, 7557, 7598	\c@DFNsloppiness . .	17548, 17553, 17557
\bx@w . . . . 7548, 7563, 7604	. . . . . 10700, 10721	\c@L@lines . . . . .
\bx@WW . . . . . 7589, 7610	\c@enumiv . . . . . 574,	. 18027, 18029, 18032
\bx@X . . . . 7523, 7557, 7598	581, 709, 716, 972,	\c@ll@chapseci . . . 9901
\bx@x . . . . 7549, 7563, 7604	979, 1222, 1229,	\c@ll@chapsecii . . . 9896
\bx@XX . . . . . 7590, 7610	2518, 2527, 5029,	\c@lofdepth . 24588, 24625
\bx@Y . . . . 7524, 7557, 7598	9199, 9206, 9387,	\c@lor@error . . . . .
\bx@y . . . . 7550, 7563, 7604	9394, 9696, 9703,	9865, 9872, 9880,
\bx@YY . . . . . 7591, 7610	11258, 11265,	9886, 26004, 26038
\bx@Z . . . . 7525, 7557, 7598	11529, 11536,	\c@lotdepth . 24606, 24645
\bx@z . . . . 7551, 7563, 7604	15433, 15440,	\c@lstlisting 18193, 18195
\bx@ZZ . . . . . 7592, 7610	20780, 20787,	\c@LT@chunks . . . . 18534
\bye . . . . . 4359	21174, 21181,	\c@mpfootnote . . . . .
\bystep . . . . . 6454,	21368, 21375,	2196, 2212, 2228,
6466, 6550, 6563,	21571, 21578,	16098, 16113,
6573, 6586, 6599, 6600	22102, 22111,	16128, 16154, 18725
	22118, 22863,	\c@NAT@ctr . . . . . 19975
	22872, 22879,	\c@page . . 8660, 10982,
	23628, 23637,	11010, 15714,



15741, 25919, 26709	9233, 9410, 9655,	\c@twwinlines 10009, 10022
\c@paragraph ... 548,	11487, 15544,	\c@zabspage ..... 15895
702, 956, 1215,	15836, 15849,	\cals@activate@rtl 9775
9226, 9403, 9660,	19366, 20803,	\cals@AtBeginTable 9792
11369, 11492,	21166, 21357,	\cals@AtEndTable .. 9794
15537, 15841,	21539, 22833, 23602	\cals@backup@row .. 9791
15854, 19359,	\c@thisframe .....	\cals@borderB ..... 9790
20796, 21161,	.. 15713, 15718,	\cals@borderL ..... 9787
21361, 21544,	15754, 15756, 15757	\cals@borderR ..... 9788
22078, 22825, 23594	\c@tocdepth ..... 3,	\cals@borderT ..... 9789
\c@part ..... 2553	198, 508, 525, 644,	\cals@current@context
\c@poem@no .... 8929,	660, 678, 871, 904,	..... 9781
8971, 9023, 9034	922, 1127, 1143,	\cals@last@context 9780
\c@secnumdepth . 304,	1161, 9133, 9149,	\cals@paddingL . 9797,
551, 560, 9470,	9165, 9310, 9326,	9799, 9804, 9806
9665, 11227,	9342, 9613, 9628,	\cals@paddingR 9801, 9808
11236, 11497,	11200, 11214,	\cals@set@tohtsize . 9784
15403, 20561, 21549	11469, 15371,	\cals@setcellprevdepth
\c@section 2578, 9223,	15386, 17850,	..... 9784
9400, 9657, 11489,	19709, 19721,	\cals@setpadding .. 9784
15534, 15838,	19733, 20709,	\cals@setup@alignment
15851, 19353,	20725, 20741,	..... 9768, 9783
20026, 20793,	21081, 21097,	\cals@table@alignment
21158, 21358,	21113, 21313,	..... 9773, 9774
21541, 22819, 23588	21327, 21497,	\cals@tbreak@tokens 9778
\c@subparagraph 549,	21512, 24433,	\cals@tfoot@height 9779
703, 957, 1216,	24437, 24479,	\cals@tfoot@tokens
9227, 9404, 9661,	24498, 24520,	..... 9777, 9794
11370, 11493,	24537, 24554,	\cals@thead@tokens 9776
15538, 15842,	24571, 24863,	\cals@vfillAdd . 9769,
15855, 19361,	24975, 25013,	9771, 9797, 9806
20797, 21162,	25513, 25709, 26407	\cals@vfillDrop ...
21362, 21545,	\c@twb ..... 10026	.... 9770, 9771,
22080, 22827, 23596	\c@twcompctr ..... 10007	9799, 9801, 9804, 9808
\c@subsection 546, 700,	\c@twcompoddctr .. 10023	\CAny ..... 4537
954, 1213, 2579,	\c@twfirst ... 10008,	\cAny ..... 4545
9224, 9401, 9658,	10014, 10021,	\cap@indent .....
11367, 11490,	10025, 10034, 10037	.. 22266, 22274,
15535, 15839,	\c@twlftside ..... 10012	22284, 22287,
15852, 19355,	\c@twlspec .....	22289, 23027,
20794, 21159,	. 10026, 10029, 10033	23035, 23045,
21359, 21542,	\c@twprune ... 10012,	23048, 23050,
22074, 22821, 23590	10013, 10029, 10033	23792, 23800,
\c@subsectionslide 2581	\c@twrounds ... 10024,	23810, 23813, 23815
\c@subsubsection 547,	10027, 10030, 10042	\cap@left .... 22198,
701, 955, 1214,	\c@twrtside ..... 10013	22235, 22959,
9225, 9402, 9659,	\c@twslicea ... 10010,	22996, 23724, 23761
11368, 11491,	10012, 10016,	\cap@margin .....
15536, 15840,	10019, 10028,	. 22154, 22915, 23680
15853, 19357,	10029, 10036, 10040	\cap@right ... 22206,
20795, 21160,	\c@twsliceb ... 10011,	22302, 22967,
21360, 21543,	10013, 10016,	23063, 23732, 23828
22076, 22823, 23592	10019, 10032,	
\c@table .....	10033, 10036, 10040	



<code>\cap@width</code> ... 22183, 22236, 22944, 22997, 23709, 23762	<code>\catcode</code> ..... 4237, 4360, 5839, 6175, 6176, 6177, 6217, 7874, 7896, 8827, 8828, 8830, 8831, 16302, 16303, 16418	<code>\cftdotsep</code> ..... 24722
<code>\caption</code> ..... 7335, 7336, 7338, 7394, 16928, 16946, 18511, 19440, 19442, 22239, 22240, 23000, 23001, 23765, 23766	<code>\Centering</code> ..... 20571	<code>\cftfigaftersnum</code> . 24598
<code>\caption@@make</code> ... 18569	<code>\centering</code> .... 303, 3054, 10557, 10570, 10686, 15581, 15587, 16958, 17043, 17059, 19387, 19389, 19391, 21952, 22692, 23465	<code>\cftfigaftersnumb</code> 24599
<code>\caption@@par</code> ..... 9812	<code>\CenteringLeftskip</code> 20576	<code>\cftfigfillnum</code> ... 24602
<code>\caption@begin</code> ... 18563	<code>\CenteringParfillskip</code> ..... 20579	<code>\cftfigfont</code> ..... 24601
<code>\caption@belowskip</code> 18567	<code>\CenteringParindent</code> ..... 20580	<code>\cftfigindent</code> 24590, 24593
<code>\caption@end</code> ..... 18571	<code>\CenteringRightskip</code> ..... 20577	<code>\cftfignumwidth</code> .. 24596
<code>\caption@hangindent</code> 9813	<code>\centerline</code> 307, 16398, 16415, 20490, 26331	<code>\cftfigpresnum</code> ... 24597
<code>\caption@ifdefined</code> 18566	<code>\cftbeforechapskip</code> 24481	<code>\cftparaaftersnum</code> 24564
<code>\caption@LT@make</code> . 18557	<code>\cftbeforefigskip</code> 24589	<code>\cftparaaftersnumb</code> 24565
<code>\caption@LT@settype</code> ..... 18558	<code>\cftbeforeparaskip</code> 24555	<code>\cftparafillnum</code> .. 24568
<code>\caption@LT@setup</code> 18559	<code>\cftbeforepartskip</code> 24449	<code>\cftparafont</code> ..... 24567
<code>\caption@make@above</code> ..... 18568	<code>\cftbeforesecskip</code> . ..... 24500, 24503	<code>\cftparaindent</code> .... ..... 24556, 24559
<code>\caption@make@below</code> ..... 18570	<code>\cftbeforesubfigskip</code> ..... 24626	<code>\cftparanumwidth</code> . 24562
<code>\caption@makecaption</code> ..... 9810, 18178	<code>\cftbeforesubparaskip</code> ..... 24572	<code>\cftparapresnum</code> .. 24563
<code>\caption@normalsize</code> ..... 18564	<code>\cftbeforesubsecskip</code> ..... 24521	<code>\cftpartaftersnum</code> 24459
<code>\caption@parindent</code> 9813	<code>\cftbeforesubsubsecskip</code> ..... 24538	<code>\cftpartaftersnumb</code> 24460
<code>\caption@prepare@stepcounter</code> ..... 18562	<code>\cftbeforesubtabskip</code> ..... 24646	<code>\cftpartfillnum</code> .. 24463
<code>\caption@setautoposition</code> ..... 18560	<code>\cftbeforetabskip</code> 24607	<code>\cftpartfont</code> ..... 24462
<code>\caption@starfalse</code> ..... 18179, 18561	<code>\cftchapaftersnum</code> 24490	<code>\cftpartindent</code> .... ..... 24451, 24454
<code>\caption@starttrue</code> . . 18180, 18186, 18561	<code>\cftchapaftersnumb</code> 24491	<code>\cftpartnumwidth</code> . 24457
<code>\captionabove</code> . 22337, 22342, 23099, 23104, 23864, 23869	<code>\cftchapfillnum</code> .. 24494	<code>\cftpartpresnum</code> ... ..... 24458, 24462
<code>\captionbelow</code> . 22339, 22344, 23101, 23106, 23866, 23871	<code>\cftchapfont</code> ..... 24493	<code>\cftsecaftersnum</code> . 24513
<code>\captionformat</code> .... .. 22227, 22259, 22270, 22281, 22292, 22988, 23020, 23031, 23042, 23053, 23753, 23785, 23796, 23807, 23818	<code>\cftchapindent</code> .... . 24482, 24485, 24732	<code>\cftsecaftersnumb</code> 24514
<code>\captionlabelfalse</code> 18184	<code>\cftchapnumwidth</code> .. ..... 24488, 24733	<code>\cftsecfillnum</code> ... 24517
	<code>\cftchappresnum</code> .. 24489	<code>\cftsecfont</code> ..... 24516
	<code>\cftchapterprecistoc</code> ..... 24731	<code>\cftsecindent</code> 24505, 24508
	<code>\cftdot</code> ..... 24429	<code>\cftsecnumwidth</code> .. 24511
	<code>\cftdotfill</code> ..... 24723	<code>\cftsecpresnum</code> ... 24512
		<code>\cftsubfigaftersnum</code> ..... 24635
		<code>\cftsubfigaftersnumb</code> ..... 24636
		<code>\cftsubfigfillnum</code> 24639
		<code>\cftsubfigfont</code> ... 24638
		<code>\cftsubfigindent</code> .. ..... 24627, 24630
		<code>\cftsubfignumwidth</code> 24633
		<code>\cftsubfigpresnum</code> 24634
		<code>\cftsubparaaftersnum</code> ..... 24581
		<code>\cftsubparaaftersnumb</code> ..... 24582
		<code>\cftsubparafillnum</code> 24585
		<code>\cftsubparafont</code> .. 24584
		<code>\cftsubparaindent</code> . ..... 24573, 24576
		<code>\cftsubparanumwidth</code> ..... 24579
		<code>\cftsubparapresnum</code> 24580



\cftsubsecaftersnum	\char 4198, 4520, 4521, 6163	7613, 8625, 8660,
..... 24530	\chardef ..... 6162,	8746, 9127, 9304,
\cftsubsecaftersnumb	16302, 18097,	9514, 9688, 11521,
..... 24531	18098, 18104, 18105	20685, 20940,
\cftsubsecfillnum 24534	\check@floats .... 10451	21399, 21957,
\cftsubsecfont ... 24533	\CheckCommand 17332, 17370	22697, 23470, 24426
\cftsubsecindent ..	\checkoddpage ..... 7229	\clip ..... 3284, 3307
..... 24522, 24525	\CIIIAAny ..... 4538	\clipbox@@ ..... 20526
\cftsubsecnumwidth 24528	\ciiIAAny ..... 4546	\CloneTOCEntryStyle
\cftsubsecpresnum 24529	\circle 9915, 9918, 9925,	..... 22354,
\cftsubsubsecaftersnum	9928, 9938, 9941,	22367, 22385,
..... 24547	9948, 9951, 9961,	22394, 23116,
\cftsubsubsecaftersnumb	9964, 9971, 9974,	23129, 23148,
..... 24548	9984, 9987, 9994, 9997	23157, 23881,
\cftsubsubsecfillnum	\cite ..... 7911,	23894, 23913, 23922
..... 24551	8003, 8009, 8010,	\closing ..... 11559
\cftsubsubsecfont 24550	8104, 8109, 8130,	\clubpenalty . 92, 295,
\cftsubsubsecindent	8138, 8159, 8167,	583, 584, 717, 980,
..... 24539, 24542	8188, 8206, 8210,	1230, 2530, 2531,
\cftsubsubsecnumwidth	8215, 8219, 8224,	5030, 8945, 9207,
..... 24545	8228, 19984, 19985	9395, 9705, 9706,
\cftsubsubsecpresnum	\citeasnoun ..... 19985	11266, 11538,
..... 24546	\citeN ..... 19984	11539, 15441,
\cftsubtabaftersnum	\cites ..... 8004	17815, 19981,
..... 24655	\cl@ckpt ..... 24133	20788, 21182,
\cftsubtabaftersnumb	\ClassInfo .... 8691,	21377, 21378,
..... 24656	8756, 21762,	21580, 21581,
\cftsubtabfillnum 24659	22165, 22174,	22120, 22881,
\cftsubtabfont ... 24658	22348, 22501,	23646, 24366, 24367
\cftsubtabindent ..	22926, 22935,	\coffee font ..... 19729
..... 24647, 24650	23110, 23274,	\col@number .... 132,
\cftsubtabnumwidth 24653	23691, 23700, 23875	137, 139, 142,
\cftsubtabpresnum 24654	\ClassWarning . 21935,	143, 150, 459, 810,
\cfttabaftersnum . 24616	21942, 21964,	1062, 1312, 9564,
\cfttabaftersnumb 24617	21970, 21977,	11323, 11420,
\cfttabfillnum ... 24620	22238, 22675,	11881, 11890,
\cfttabfont ..... 24619	22682, 22704,	11914, 15339,
\cfttabindent 24608, 24611	22710, 22717,	15340, 15490,
\cfttabnumwidth .. 24614	22999, 23448,	19331, 19671,
\cfttabpresnum ... 24615	23455, 23477,	19753, 19758,
\chapnumfont ..... 20560	23483, 23490, 23764	19832, 19833,
\chapter ..... 8249,	\ClassWarningNoLine	19835, 19838,
8277, 8347, 8355,	..... 19424	19839, 19846,
8471, 8477, 9195,	\clear ..... 7008	20881, 21022,
9383, 9692, 11525,	\cleardoubleemptypage	21266, 21448,
15429, 20776,	. 21955, 22695, 23468	21990, 22730, 23503
21170, 21364, 21567	\cleardoublepage ..	\col@sep 379, 407, 9816,
\chapterheadendvskip	.... 8613, 8658,	9817, 18523, 26176
..... 20566	8660, 8717, 8730,	\color .... 1532, 1535,
\chapterheadstartvskip	8744, 9686, 11519	1572, 1604, 1627,
..... 20558	\clearpage . 604, 620,	1648, 1669, 1693,
\chaptermark . 8734, 24392	869, 1121, 6051,	1793, 1795, 1834,
\chaptername .. 308, 19373	6052, 6056, 6057,	1929, 2588, 2593,
\chapterstyle .... 19368	6967, 6968, 6971,	2668, 2828, 3493,



4432, 4433, 4434,	13674,	13714,	12135,	12151,
4435, 4436, 4437,	13743,	13756,	12166,	12178,
4953, 9861, 9864,	13770,	13783,	12193,	12233,
9867, 9885, 9888,	13797,	13885,	12262,	12275,
10551, 10554,	13915,	13931,	12289,	12302,
10564, 10682,	13946,	13958,	12316,	12404,
17953, 18688, 25969	13973,	14013,	12433,	12448,
\color@ . . . . 26009, 26056	14042,	14055,	12462,	12473,
\color@b@x . . . . .	14069,	14082,	12487,	12526,
9853, 9891, 9893,	14096,	14184,	12554,	12566,
25962, 26059, 26062	14214,	14230,	12579,	12591,
\color@begingroup .	14245,	14257,	12604,	12691,
. . . . . 1860,	14272,	14312,	12721,	12737,
2156, 2173, 2190,	14341,	14354,	12752,	12764,
2206, 2222, 2238,	14368,	14381,	12779,	12819,
8059, 8077, 8095,	14395,	14483,	12848,	12861,
9097, 9111, 11656,	14513,	14529,	12875,	12888,
11672, 11687,	14544,	14556,	12902,	12990,
11703, 11718,	14571,	14611,	13020,	13036,
11731, 11744,	14640,	14653,	13051,	13063,
11756, 11768,	14667,	14680,	13078,	13118,
11781, 12103,	14694,	14980,	13147,	13160,
12133, 12149,	15011,	15029,	13174,	13187,
12164, 12176,	15045,	15059,	13201,	13289,
12191, 12231,	15075,	15114,	13319,	13335,
12260, 12273,	15144,	15158,	13350,	13362,
12287, 12300,	15173,	15187,	13377,	13417,
12314, 12402,	15202,	15281,	13446,	13459,
12431, 12446,	15294,	16047,	13473,	13486,
12460, 12471,	16064,	16080,	13500,	13588,
12485, 12524,	16108,	16123,	13618,	13634,
12552, 12564,	16138,	16150,	13649,	13661,
12577, 12589,	16638,	16648,	13676,	13716,
12602, 12689,	16655,	18574,	13745,	13758,
12719, 12735,	18662,	26571,	13772,	13785,
12750, 12762,	26587, 26598, 26606		13799,	13887,
12777, 12817,	\color@block . 9858, 25967		13917,	13933,
12846, 12859,	\color@box . . 9891, 26059		13948,	13960,
12873, 12886,	\color@endbox . . 4787,		13975,	14015,
12900, 12988,	7733, 7777, 7821,		14044,	14057,
13018, 13034,	21683, 21693,		14071,	14084,
13049, 13061,	21711, 26651,		14098,	14186,
13076, 13116,	26695, 26816, 26832		14216,	14232,
13145, 13158,	\color@endgroup . . .		14247,	14259,
13172, 13185,	. . . . 1890, 2159,		14274,	14314,
13199, 13287,	2176, 2193, 2209,		14343,	14356,
13317, 13333,	2225, 2241, 8063,		14370,	14383,
13348, 13360,	8081, 8099, 9099,		14397,	14485,
13375, 13415,	11658, 11674,		14515,	14531,
13444, 13457,	11689, 11705,		14546,	14558,
13471, 13484,	11720, 11733,		14573,	14613,
13498, 13586,	11746, 11758,		14642,	14655,
13616, 13632,	11770, 11783,		14669,	14682,
13647, 13659,	12002, 12105,		14696,	14982,



15013,	15031,	16538,	17823,	14378,	14392,
15047,	15061,	19541,	19643,	14608,	14637,
15077,	15116,	19786,	19797,	14650,	14664,
15146,	15160,	20677,	20932,	14677,	14691,
15175,	15189,	21391,	26493,	14790,	14843,
15204,	15285,	\columnseprulecolor		14895,	14946,
15298,	16050,	. . . . . 19785, 19796		15110,	15140,
16067,	16083,	\columnwidth . . . . . 28,		15154,	15169,
16111,	16126,	41,	55, 71, 232,	15183,	15198,
16141,	16171,	244,	258, 273,	15422,	15426,
16641,	16651,	540,	544, 731, 965,	15611,	15613,
16658,	26575,	1211,	2149, 2166,	15617,	15621,
26590,	26602, 26609	2183,	2202, 2218,	15649,	15655,
\color@fb@x .	26060, 26061	2234,	4025, 4031,	15953,	15956,
\color@fbox . .	9892, 26060	4777,	9221, 9374,	15958,	16043,
\color@hbox . . . . .		9644,	9648, 9756,	16060,	16076,
. .	21680, 21690,	10069,	10073,	16104,	16119,
21708,	26813, 26829	10077,	10081,	16134,	16152,
\color@setgroup . .		10132,	10138,	16433,	16440,
. . . . .	9894, 26064	10366,	10370,	16487,	16493,
\color@vbox . . . . .		10375,	10380,	16536,	16540,
4765,	7724, 7768,	10382,	10389,	16544,	16548,
7812,	26642, 26686	10700,	10721,	16900,	16901,
\colorA . .	9472, 9481, 9493	11273,	11277,	17837,	17911,
\colorB . . . . .	9478,	11572,	11576,	17915,	18628,
9484,	9490, 9496	11581,	11623,	18665,	19539,
\colorblend . . .	25976,	11653,	11669,	19543,	19547,
25977,	26019, 26020	11684,	11700,	19550,	19639,
\colorbox . . . . .	1913,	11715,	11728,	19645,	19668,
4593,	4595, 4596	11741,	11753,	19697,	19703,
\colorlet . . . . .	1757,	11765,	11778,	19865,	19869,
1762,	1832, 1833,	12228,	12257,	19873,	19877,
1862,	1864, 2844, 2884	12270,	12284,	20773,	21196,
\columncolor . .	1466, 9824	12297,	12311,	21346,	21350,
\columnsep	99, 219, 597,	12521,	12549,	21528,	21532,
613,	862, 1114,	12561,	12574,	21812,	21851,
4380,	4862, 9120,	12586,	12599,	21852,	22552,
9297,	9507, 10080,	12814,	12843,	22591,	22592,
10379,	15620,	12856,	12870,	23325,	23364,
16547,	17823,	12883,	12897,	23365,	26491,
19551,	19668,	13113,	13142,	26495,	26499,
19761,	19807,	13155,	13169,	26503,	26538,
20678,	20933,	13182,	13196,	26544,	26734, 26736
21392,	25924,	13412,	13441,	\contentslabel .	8308,
25929,	25933,	13454,	13468,	8315,	8322, 8329, 8336
25939,	25942, 26502	13481,	13495,	\contentsline . . . .	17163
\columnseprule . . . .		13711,	13740,	\contentsmargin . .	24331
. . .	99, 219, 596,	13753,	13767,	\contentspush . . . .	24305
612,	861, 1113,	13780,	13794,	\convertcolorspec .	
4381,	4863, 9119,	14010,	14039,	. . . . .	25983,
9296,	9506, 10071,	14052,	14066,	25986,	26026, 26029
10136,	10368,	14079,	14093,	\Coord . . . . .	4534
10387,	15612,	14309,	14338,	\coord . . . . .	4539
15653,	16491,	14351,	14365,	\CoordIII . . . . .	4536



\coordiii . . . . .	4541	14155,	14159,	\cs@a . . . . .	6248
\Coordn . . . . .	4535	14429,	14433,	\csname 8, 44, 58, 74, 166,	
\coordn . . . . .	4540	14454,	14458,	168, 203, 247, 261,	
\Coordx . . . . .	4531,	14766,	14773,	276, 333, 334, 383,	
4534, 4535, 4536,		14819,	14826,	1369, 2155, 2172,	
4537, 4538, 4539,		14875,	14926,	2189, 2205, 2221,	
4540, 4541, 4545, 4546		15330,	15339,	2237, 2270, 2296,	
\coordx . . . . .	4542	15724,	16453,	2322, 2341, 2370,	
\Coordy . . . . .	4532,	16462,	16464,	4622, 4623, 4637,	
4534, 4535, 4536,		16511,	16513,	4638, 4664, 4667,	
4537, 4538, 4539,		16840,	16846,	4670, 4686, 4694,	
4540, 4541, 4545, 4546		26627, 26671, 26779		4702, 4757, 5044,	
\coordy . . . . .	4543	\count@ . . . . .	1406,	5047, 5050, 5052,	
\Coordz . . . . .	4533,	1465, 5200, 5205,		5054, 5057, 5060,	
4536, 4538, 4541, 4546		5216, 5220, 7055,		5068, 5069, 5074,	
\coordz . . . . .	4544	7056, 7058, 9822,		5081, 5083, 5085,	
\copy . . . . .	1810, 7720,	19748,	19749,	5086, 5087, 5088,	
7764, 7808, 9760,		19751,	19753,	5091, 5093, 5097,	
10049,	10112,	19760,	19781,	5099, 5128, 5129,	
10221,	10711,	19782,	19784,	5152, 5153, 5180,	
10732,	15594,	19801,	19802,	5207, 5211, 5222,	
15630,	16461,	19805,	20090,	5226, 5230, 5234,	
16510,	16711,	20098, 20111, 24172		5245, 5253, 5261,	
16757,	18599,	\counterwithout 19369,		5269, 5271, 5273,	
18611,	18615,	19370, 19371, 19372		5277, 5278, 5342,	
19473,	19573,	\coverpagebottommargin		5384, 5394, 5400,	
20395,	20478,	. 21844, 22584, 23357		5401, 5403, 5404,	
20568,	26162,	\coverpageleftmargin		5406, 5407, 5409,	
26471,	26518,	. . 21839, 21840,		5411, 5413, 5415,	
26638, 26682, 26745		21842,	22579,	5616, 5617, 5619,	
\cor@height . . .	19496,	22580,	22582,	5620, 5623, 5624,	
19497,	19524,	23352, 23353, 23355		5633, 5634, 5669,	
19525,	19564,	\coverpagerightmargin		5670, 5693, 5748,	
19596,	19597,	. 21842, 22582, 23355		5749, 5750, 5751,	
19624, 19625, 19661		\coverpagetopmargin		5757, 5758, 5759,	
\count . . . . .	4020, 4307,	. . . . . 21838,		5760, 5843, 5844,	
4760, 6481, 7709,		21844,	22578,	5847, 5848, 5913,	
7753, 7797, 11882,		22584, 23351, 23357		6084, 6085, 6087,	
12014,	12019,	\cr 395, 8892, 8899, 8955,		6098, 6099, 6101,	
12049,	12053,	12031,	12034,	6112, 6122, 6131,	
12074,	12078,	12036,	18538,	6132, 6133, 6134,	
12348,	12352,	24078, 24116, 26379		6157, 6181, 6186,	
12373,	12377,	\crrcr . 406, 4659, 8895,		6190, 6206, 6224,	
12635,	12639,	24066,	24096,	6226, 6234, 6236,	
12660,	12664,	26187, 26190, 26366		6245, 6246, 6326,	
12934,	12938,	\CROP@llc . . . . .	9957	6330, 6363, 6365,	
12959,	12963,	\CROP@lrc . . . . .	9980	6376, 6377, 6391,	
13233,	13237,	\CROP@ulc . . . . .	9911	6399, 6401, 6428,	
13258,	13262,	\CROP@urc . . . . .	9934	6449, 6486, 6487,	
13532,	13536,	\CROP@execopt . . . .	10004	6488, 6504, 6505,	
13557,	13561,	\cs . . . . .	18799, 18850,	6506, 6507, 6609,	
13831,	13835,	18868,	18922,	6612, 6616, 6633,	
13856,	13860,	18937,	19225,	6636, 6638, 6648,	
14130,	14134,	19227, 20118, 20119		6651, 6653, 6660,	



6665,	6670,	6680,	13769,	13782,	22364,	22370,
6696,	6699,	6713,	13796,	13884,	22378,	22380,
6725,	6757,	6768,	13914,	13930,	22382,	22388,
6852,	6855,	6895,	13945,	13957,	22390,	22463,
6944,	7084,	7105,	13972,	14012,	22467,	22471,
7456,	7457,	7464,	14041,	14054,	22555,	22779,
7465,	8057,	8075,	14068,	14081,	23119,	23121,
8093,	8124,	8153,	14095,	14183,	23123,	23126,
8182,	8424,	8950,	14213,	14229,	23132,	23140,
8978,	8981,	8984,	14244,	14256,	23142,	23145,
8998,	9005,	9012,	14271,	14311,	23151,	23153,
9020,	9021,	9059,	14340,	14353,	23236,	23240,
9084,	9085,	9867,	14367,	14380,	23244,	23328,
9873,	9881,	9888,	14394,	14482,	23552,	23884,
11655,	11671,		14512,	14528,	23886,	23888,
11686,	11702,		14543,	14555,	23891,	23897,
11717,	11730,		14570,	14610,	23905,	23907,
11743,	11755,		14639,	14652,	23910,	23916,
11767,	11780,		14666,	14679,	23918,	24068,
11947,	12102,		14693,	14978,	24094,	24096,
12132,	12148,		15009,	15027,	24128,	24150,
12163,	12175,		15043,	15057,	24152,	24168,
12190,	12230,		15073,	15112,	24169,	24189,
12259,	12272,		15142,	15156,	24196,	24409,
12286,	12299,		15171,	15185,	24672,	24673,
12313,	12401,		15200,	15549,	24689,	24690,
12430,	12445,		15702,	15703,	24691,	24698,
12459,	12470,		15708,	15709,	24700,	24701,
12484,	12523,		15814,	15815,	24754,	24755,
12551,	12563,		15816,	15817,	24913,	24914,
12576,	12588,		15819,	15821,	25018,	25043,
12601,	12688,		15822,	15823,	25070,	25074,
12718,	12734,		15824,	15826,	25078,	25135,
12749,	12761,		15827,	15828,	25187,	25190,
12776,	12816,		15885,	15909,	25204,	25220,
12845,	12858,		15927,	16013,	25221,	25237,
12872,	12885,		16022,	16045,	25244,	25249,
12899,	12987,		16062,	16078,	25267,	25268,
13017,	13033,		16107,	16122,	25280,	25281,
13048,	13060,		16137,	16184,	25336,	25391,
13075,	13115,		16199,	17165,	25393,	25395,
13144,	13157,		17168,	17170,	25411,	25414,
13171,	13184,		17174,	17178,	25420,	25422,
13198,	13286,		17192,	17203,	25425,	25429,
13316,	13332,		17214,	17414,	25434,	25438,
13347,	13359,		17445,	17476,	25442,	25456,
13374,	13414,		17855,	17957,	25460,	25463,
13443,	13456,		17960,	18391,	25467,	25472,
13470,	13483,		18457,	19453,	25476,	25481,
13497,	13585,		19454,	19461,	25483,	25484,
13615,	13631,		21724,	21728,	25487,	25491,
13646,	13658,		21732,	21815,	25541,	25543,
13673,	13713,		22039,	22357,	25550,	25551,
13742,	13755,		22359,	22361,	25555,	25560,



25564, 25575,	10253, 10257,	\cventry ..... 4974
25576, 25580,	10267, 10283,	\cvlanguage ..... 4983
25586, 25641,	10301, 10312,	\cvline 4957, 4958, 4963,
25642, 25646,	10315, 10317, 10318	4967, 4969, 4975, 4984
25742, 25743,	\cuted@@tempbox@var	\cvlistdoubleitem . 4968
25745, 25748,	. 10363, 10401, 10413	\cvlistitem ..... 4966
25749, 25753,	\cuted@@tempdim@a .	\cvtheme ..... 4900, 4903
26217, 26282,	.. 10253, 10255,	
26368, 26429,	10257, 10259,	<b>D</b>
26442, 26444, 26914	10262, 10263,	\d ..... 18769
\CT@@do@color ..... 9819	10264, 10314,	\d@llarbegin .....
\CT@cell@color 1490, 9844	10326, 10332,	.. 379, 408, 1410,
\CT@color ..... 9818	10344, 10348,	1411, 1412, 1475,
\CT@column@color ..	10354, 10451,	1478, 1479, 9829,
..... 1488, 9842	10452, 10453, 10457	9832, 9833, 26176
\CT@do@color .....	\cuted@@tempdim@b .	\d@llarend .....
... 1491, 9819, 9845	..... 10217,	.. 380, 408, 1410,
\CT@extract ... 1466, 9824	10220, 10222,	1411, 1412, 1477,
\CT@row@color . 1489, 9843	10225, 10229,	1478, 1479, 9831,
\CT@setup ..... 1455,	10241, 10259,	9832, 9833, 26177
1456, 1458, 1459,	10283, 10291,	\dashgapcolor ..... 1470
1463, 1487, 9815, 9841	10297, 10304,	\date ... 447, 483, 787,
\cumpartcl ..... 20299	10313, 10315,	832, 1039, 1084,
\cuntcl ..... 20299	10340, 10343, 10345	1289, 1334, 4415,
\curraddr ..... 322	\cuted@@tempdim@spread	8538, 8586, 9286,
\current@color ....	.. 10232, 10233,	9463, 9552, 9588,
.... 9860, 9866,	10234, 10235,	11311, 11345,
9873, 9881, 9887,	10242, 10246,	11408, 11444,
16280, 16285,	10249, 10252,	15478, 15512,
25968, 26005,	10253, 10255,	20858, 20903,
26006, 26010,	10260, 10271,	20999, 21046,
26039, 26040, 26057	10281, 10284,	21249, 21290,
\CurrentOption ....	10289, 10292,	21436, 21472,
8672, 8673, 8674,	10296, 10300,	22067, 22807, 23580
8675, 8676, 8696,	10317, 10319, 10321	\day ..... 3183
8697, 8698, 8699,	\cuted@@varbox@a ..	\deadcycles ... 6068, 6071
8700, 10497, 10595	.. 10221, 10222,	\debugfootnotedirection
\currentposxwidth . 5613	10228, 10229,	..... 15872
\currentposyheight 5630	10257, 10263,	\DeclareOption ....
\CustomFBox ..... 16282	10266, 10274,	.... 4792, 4795,
\cuted@@column@badness	10343, 10376, 10390	4798, 4801, 4804,
..... 10244,	\cuted@@varbox@c ..	4807, 4810, 4815,
10245, 10258, 10269	..... 10228,	4816, 4817, 4818,
\cuted@@page@rule .	10229, 10234,	4819, 4821, 7134,
..... 10324, 10325	10235, 10239,	7136, 7138, 7141,
\cuted@@tempbox@a .	10240, 10263,	7146, 8243, 8244,
..... 10185,	10266, 10270,	8502, 8503, 8528,
10195, 10222,	10273, 10274,	8529, 8672, 8673,
10224, 10225,	10275, 10277, 10302	8674, 8675, 8676,
10313, 10371, 10383	\cuted@@wlog@debug	8696, 8697, 8698,
\cuted@@tempbox@c .	.. 10236, 10262,	8699, 8700, 10487,
.. 10224, 10225,	10264, 10273, 10277	10489, 10491,
10232, 10233,	\cvcomputer ..... 4985	10493, 10495,
10237, 10238,	\cvdoubleitem . 4962, 4986	10496, 10585,



10587, 10589, 10591, 10593, 10594	2049, 2060, 2069, 2076, 2078, 2090, 2099, 2108, 2109, 2111, 2121, 2130, 2131, 2134, 2135, 2136, 2139, 2140, 2141, 2257, 2258, 2259, 2264, 2268, 2283, 2284, 2285, 2290, 2294, 2309, 2310, 2311, 2316, 2320, 2331, 2335, 2454, 2465, 2474, 2485, 2499, 2534, 2541, 2547, 2551, 2611, 2634, 2654, 3170, 3172, 3227, 3235, 3506, 3909, 3910, 3911, 4012, 4014, 4015, 4058, 4061, 4064, 4067, 4136, 4140, 4236, 4238, 4239, 4240, 4273, 4290, 4298, 4299, 4300, 4301, 4302, 4308, 4309, 4316, 4332, 4333, 4334, 4337, 4340, 4344, 4355, 4356, 4359, 4368, 4373, 4398, 4399, 4527, 4528, 4529, 4531, 4532, 4533, 4534, 4535, 4536, 4537, 4538, 4539, 4540, 4541, 4542, 4543, 4544, 4545, 4546, 4551, 4562, 4593, 4594, 4595, 4596, 4603, 4609, 4615, 4623, 4628, 4630, 4638, 4643, 4644, 4659, 4663, 4666, 4669, 4674, 4677, 4680, 4684, 4692, 4700, 4707, 4709, 4710, 4712, 4781, 4875, 4876, 4877, 4878, 4879, 4880, 4882, 4883, 4901, 4902, 4905, 4906, 4907, 4908, 4909, 4910, 4911, 4912, 4913, 4914, 4915,	4916, 4917, 5033, 5102, 5122, 5123, 5126, 5132, 5135, 5146, 5147, 5150, 5156, 5159, 5170, 5172, 5175, 5179, 5185, 5193, 5194, 5195, 5196, 5197, 5198, 5199, 5206, 5207, 5211, 5215, 5221, 5222, 5226, 5230, 5234, 5239, 5247, 5255, 5263, 5270, 5272, 5372, 5380, 5401, 5409, 5416, 5417, 5423, 5425, 5426, 5427, 5429, 5648, 5650, 5652, 5658, 5662, 5665, 5674, 5685, 5687, 5688, 5699, 5772, 5791, 5823, 5824, 5825, 5836, 5850, 5853, 5854, 5866, 5878, 5882, 5885, 5898, 5907, 5938, 5966, 5969, 5970, 5978, 5979, 6015, 6030, 6057, 6074, 6131, 6132, 6133, 6134, 6143, 6163, 6172, 6179, 6186, 6190, 6195, 6200, 6205, 6207, 6210, 6213, 6221, 6222, 6224, 6226, 6227, 6234, 6236, 6237, 6244, 6245, 6246, 6247, 6248, 6252, 6253, 6255, 6256, 6258, 6264, 6270, 6288, 6289, 6294, 6299, 6304, 6310, 6315, 6326, 6330, 6336, 6339, 6353, 6355, 6357, 6358, 6360, 6361, 6362, 6364, 6366, 6368, 6370, 6371, 6376, 6377, 6378, 6379, 6380, 6385, 6386, 6393, 6395, 6398, 6403, 6405, 6411, 6412, 6413,
10587, 10589, 10591, 10593, 10594		
\DeclareRobustCommand		
..... 4519, 4520, 4521, 4522, 4523, 4524, 4525, 7469, 7476, 9861, 9876, 25969, 26012		
\DeclareSectionCommand		
..... 22396, 22406, 22414, 22424, 22434, 22445, 23159, 23167, 23178, 23187, 23197, 23207, 23218, 23924, 23932, 23943, 23952, 23962, 23972, 23983		
\DeclareTOCEntryStyle		
. 24739, 24900, 25150		
\dedication .....		
. 22066, 22806, 23579		
\dedicatory ..... 323		
\def ..... 2, 23, 26, 30, 34, 48, 64, 95, 98, 107, 108, 109, 110, 122, 132, 133, 135, 197, 218, 227, 228, 229, 230, 234, 237, 251, 266, 298, 301, 313, 319, 336, 345, 350, 352, 377, 382, 384, 405, 406, 407, 408, 454, 455, 486, 550, 587, 719, 742, 743, 751, 790, 791, 793, 798, 800, 805, 807, 835, 982, 994, 995, 1003, 1042, 1043, 1045, 1050, 1052, 1057, 1058, 1087, 1232, 1244, 1245, 1253, 1292, 1293, 1295, 1300, 1302, 1307, 1309, 1337, 1357, 1367, 1368, 1371, 1377, 1405, 1418, 1419, 1422, 1435, 1443, 1451, 1452, 1455, 1456, 1459, 1464, 1846, 1859, 1929, 1972, 1973,		



6414, 6418, 6421,	9559, 9560, 9591,	12619,	12624,
6423, 6424, 6428,	9662, 9676, 9709,	12684,	12714,
6430, 6431, 6434,	9713, 9725, 9738,	12730,	12745,
6444, 6486, 6487,	9745, 9749, 9752,	12757,	12772,
6488, 6491, 6501,	9815, 9818, 9821,	12812,	12841,
6508, 6510, 6515,	9853, 9860, 9863,	12854,	12868,
6527, 6534, 6536,	9870, 9878, 9884,	12881,	12895,
6540, 6541, 6548,	9891, 9892, 9894,	12906,	12912,
6550, 6553, 6558,	10008, 10021,	12918,	12923,
6565, 6567, 6634,	10024, 10025,	12983,	13013,
6637, 6646, 6649,	10030, 10037,	13029,	13044,
6801, 6812, 6851,	10042, 10046,	13056,	13071,
6964, 6974, 6987,	10109, 10168,	13111,	13140,
7041, 7051, 7053,	10170, 10172,	13153,	13167,
7058, 7063, 7069,	10694, 10698,	13180,	13194,
7070, 7073, 7080,	10701, 10719,	13205,	13211,
7088, 7103, 7176,	10722, 10740,	13217,	13222,
7267, 7288, 7292,	10797, 10974,	13282,	13312,
7305, 7385, 7454,	11038, 11065,	13328,	13343,
7472, 7478, 7515,	11067, 11072,	13355,	13370,
7640, 7642, 7643,	11103, 11104,	13410,	13439,
7644, 7653, 7655,	11177, 11226,	13452,	13466,
7656, 7657, 7661,	11245, 11268,	13479,	13493,
7663, 7669, 7670,	11318, 11319,	13504,	13510,
7697, 7711, 7714,	11348, 11415,	13516,	13521,
7718, 7722, 7735,	11416, 11447,	13581,	13611,
7741, 7755, 7758,	11494, 11509,	13627,	13642,
7762, 7766, 7779,	11542, 11580,	13654,	13669,
7785, 7799, 7802,	11622, 11649,	13709,	13738,
7806, 7810, 7823,	11665, 11680,	13751,	13765,
7875, 7890, 7895,	11696, 11711,	13778,	13792,
8021, 8023, 8051,	11726, 11739,	13803,	13809,
8069, 8087, 8108,	11751, 11763,	13815,	13820,
8137, 8166, 8386,	11776, 11803,	13880,	13910,
8423, 8431, 8660,	11804, 11805,	13926,	13941,
8798, 8799, 8801,	11813, 11814,	13953,	13968,
8819, 8820, 8823,	11815, 11880,	14008,	14037,
8833, 8834, 8835,	11886, 11904,	14050,	14064,
8836, 8842, 8845,	11910, 11990,	14077,	14091,
8856, 8857, 8858,	12098, 12128,	14102,	14108,
8868, 8894, 8898,	12144, 12159,	14114,	14119,
8905, 8927, 8946,	12171, 12186,	14179,	14209,
8947, 8948, 8954,	12226, 12255,	14225,	14240,
8977, 8980, 8983,	12268, 12282,	14252,	14267,
8987, 8990, 8993,	12295, 12309,	14307,	14336,
8996, 9003, 9010,	12320, 12326,	14349,	14363,
9020, 9021, 9022,	12332, 12337,	14376,	14390,
9032, 9036, 9039,	12397, 12426,	14401,	14407,
9044, 9045, 9046,	12441, 12455,	14413,	14418,
9048, 9057, 9063,	12466, 12480,	14478,	14508,
9084, 9085, 9209,	12519, 12547,	14524,	14539,
9241, 9242, 9250,	12559, 12572,	14551,	14566,
9397, 9418, 9419,	12584, 12597,	14606,	14635,
9427, 9467, 9487,	12607, 12613,	14648,	14662,



14675,	14689,	16778,	16779,	18723,	18724,
14700,	14706,	16794,	16801,	19327,	19329,
14712,	14717,	16861,	16862,	19379,	19381,
14749,	14754,	16863,	16864,	19429,	19440,
14974,	15005,	16873,	16875,	19451,	19470,
15023,	15039,	16911,	17163,	19570,	19667,
15053,	15069,	17190,	17201,	19675,	19708,
15108,	15138,	17212,	17223,	19720,	19732,
15152,	15167,	17233,	17244,	19746,	19779,
15181,	15196,	17255,	17266,	19793,	19828,
15214,	15225,	17281,	17296,	19832,	19863,
15239,	15248,	17313,	17339,	19867,	19871,
15325,	15329,	17356,	17364,	19875,	19879,
15338,	15342,	17377,	17394,	19881,	19989,
15400,	15412,	17402,	17410,	20003,	20005,
15443,	15485,	17427,	17435,	20012,	20018,
15486,	15515,	17441,	17458,	20106,	20158,
15546,	15578,	17466,	17472,	20162,	20166,
15584,	15591,	17489,	17497,	20168,	20184,
15627,	15701,	17505,	17519,	20196,	20210,
15712,	15760,	17523,	17537,	20260,	20266,
15864,	15951,	17545,	17552,	20273,	20392,
15955,	15957,	17560,	17563,	20393,	20395,
15959,	15961,	17566,	17600,	20396,	20402,
15963,	15965,	17632,	17661,	20403,	20404,
15966,	15968,	17688,	17691,	20414,	20424,
15972,	15981,	17693,	17696,	20432,	20440,
15983,	15990,	17705,	17706,	20441,	20442,
15991,	16008,	17710,	17712,	20443,	20444,
16011,	16017,	17713,	17714,	20445,	20450,
16020,	16028,	17716,	17725,	20451,	20454,
16029,	16030,	17727,	17818,	20456,	20457,
16036,	16053,	17822,	17831,	20458,	20459,
16069,	16097,	17832,	17833,	20461,	20462,
16112,	16127,	17835,	17839,	20475,	20481,
16142,	16148,	17841,	17846,	20488,	20489,
16154,	16161,	17849,	17870,	20490,	20491,
16174,	16178,	17882,	17918,	20492,	20494,
16182,	16188,	17919,	17936,	20495,	20621,
16193,	16197,	17953,	17955,	20642,	20648,
16276,	16290,	17956,	17963,	20668,	20669,
16292,	16294,	17968,	17978,	20790,	20813,
16296,	16304,	18027,	18029,	20814,	20822,
16409,	16419,	18130,	18146,	20861,	20862,
16450,	16458,	18147,	18179,	20864,	20869,
16507,	16560,	18180,	18184,	20871,	20876,
16596,	16684,	18186,	18492,	20878,	20906,
16692,	16698,	18504,	18508,	20952,	20953,
16707,	16709,	18509,	18510,	20961,	21002,
16725,	16736,	18517,	18545,	21003,	21005,
16737,	16739,	18573,	18581,	21010,	21012,
16752,	16753,	18584,	18589,	21017,	21019,
16755,	16771,	18632,	18639,	21049,	21071,
16773,	16776,	18649,	18657,	21184,	21213,



21215,	21256,	26051,	26055,	\DefaultLraise ... 17924
21258,	21293,	26059,	26060,	\DefaultNindent .. 17927
21381,	21443,	26061,	26064,	\DefaultOptionsFile
21444,	21475,	26069,	26075,	. 17945, 17948, 17951
21546,	21558,	26076,	26077,	\DefaultSlope .... 17928
21584,	21588,	26087,	26097,	\defbeamertemplate
21631,	21678,	26106,	26117,	1526, 1540, 1543,
21681,	21688,	26118,	26127,	1562, 1580, 1585,
21691,	21699,	26128,	26137,	1592, 1615, 1636,
21706,	21709,	26138,	26143,	1657, 1684, 1702,
21736,	21766,	26144,	26147,	1708, 1721, 1730,
21768,	21797,	26149,	26150,	1739, 2692, 2695,
21817,	22071,	26151,	26152,	2713, 2714, 2715,
22072,	22124,	26154,	26156,	2719, 2726, 2733,
22131,	22157,	26158,	26159,	2742, 2761, 2776,
22320,	22337,	26172,	26174,	2791, 2808, 2813,
22339,	22475,	26179,	26181,	2882, 2961, 2965,
22505,	22507,	26187,	26189,	2992, 3001, 3004,
22537,	22557,	26196,	26198,	3013, 3016, 3025,
22811,	22885,	26201,	26203,	3053, 3185, 3262,
22892,	22918,	26204,	26205,	3334, 3360, 3411,
23082,	23099,	26206,	26208,	3447, 3477, 3525,
23101,	23248,	26218,	26255,	3559, 3595, 3651,
23278,	23280,	26321,	26331,	3690, 3739, 3786, 3832
23310,	23330,	26334,	26337,	\deffootnote .. 21734,
23584,	23650,	26342,	26343,	21799, 22473,
23657,	23683,	26344,	26345,	22539, 23246, 23312
23847,	23864,	26346,	26348,	\define@choicekey .
23866,	24001,	26351,	26361,	4073, 4079, 4085,
24005,	24022,	26366,	26369,	4091, 4097, 4103,
24043,	24046,	26389,	26392,	4115, 4121, 4127,
24061,	24066,	26402,	26403,	4134, 4148, 4155,
24069,	24092,	26404,	26405,	4165, 25762, 25770
24096,	24100,	26406,	26426,	\define@key .....
24110,	24126,	26428,	26461,	2540, 4057, 4060,
24132,	24140,	26468,	26515,	4063, 4066, 25760
24161,	24170,	26615,	26629,	\definecolor ... 4422,
24171,	24187,	26632,	26636,	4423, 4424, 4425,
24191,	24194,	26640,	26653,	4426, 4427, 4874,
24198,	24201,	26659,	26673,	4881, 10501,
24231,	24276,	26676,	26680,	10506, 10509,
24310,	24332,	26684,	26697,	10510, 10511,
24338,	24341,	26703,	26743,	10513, 10514,
24343,	24346,	26747,	26748,	10517, 10518,
24370,	25073,	26749,	26750,	10520, 10521,
25097,	25708,	26760,	26846,	10524, 10525,
25729,	25731,	26858,	26859,	10527, 10528,
25887,	25930,	26861,	26984,	10531, 10532,
25933,	25939,	26986,	26990,	10534, 10535,
25943,	25962,	26992, 27051, 27053		10538, 10539,
25968,	25971,	\default@color 9860, 25968		10604, 10605,
25993,	26002,	\DefaultFindent .. 17926		10610, 10611,
26008,	26014,	\DefaultLhang .... 17922		10616, 10617,
26036,	26042,	\DefaultLoversize 17923		10622, 10623,



10628, 10629, 11170	\dfn@dimh .... 10703,	\dfn@LTRmakecol ...
\DefineTOCEntryCommandOption	10704, 10705,	. 10797, 10849, 10851
..... 25161,	10716, 10724,	\dfn@makecol .....
25163, 25165,	10725, 10726,	. 10849, 10850, 10851
25169, 25171,	10737, 10741,	\dfn@makefnmark ...
25173, 25175, 25177	10758, 10778,	..... 10701, 10722
\DefineTOCEntryIfOption	10798, 10815, 10830	\dfn@RTLfootnotetext
..... 25153,	\dfn@dimb .... 10778,	..... 10719, 10739
25155, 25159, 25195	10779, 10781,	\dfn@RTLmakecol ...
\DefineTOCEntryLengthOption	10782, 10784,	. 10740, 10849, 10850
.. 24740, 24742,	10830, 10831,	\dfn@split ... 10712,
24901, 25151,	10833, 10834, 10836	10733, 10746,
25167, 25179,	\dfn@elt@adjust ...	10758, 10803, 10815
25181, 25197, 25199	..... 10778, 10830	\DFNalwaysdouble . 10852
\DefineTOCEntryListOption	\dfn@elt@getht ....	\DFNcolumnsep .....
..... 25157	..... 10743, 10800	. 10761, 10774, 10818
\DefineTOCEntryOption	\dfn@fnht .... 10714,	\DFNcolumnwidth ...
..... 25183	10735, 10776,	.. 10695, 10700,
\DefNewDummy .. 6270, 6287	10779, 10785,	10721, 10760,
\delimiter .....	10786, 10787,	10762, 10765,
\DEPTH .....	10828, 10831,	10775, 10817, 10819
\depth .....	10837, 10838, 10839	\diagbox@double ...
19270, 19277, 19302	\dfn@fnmaxdp .. 10702,	..... 10854, 10857
\depthof .....	10707, 10712,	\diagbox@double@pict@NE
11050, 11059,	10723, 10728,	..... 10928, 10935
11060, 11064, 11069	10733, 10755,	\diagbox@double@pict@NW
\descriptionlabel . 8464	10758, 10812, 10815	..... 10927
\DetectColumn 26432, 26436	\dfn@footnoterule .	\diagbox@double@pict@SE
\detokenize .... 5378,	..... 10796, 10848	..... 10920, 10927
5380, 5823, 5825,	\dfn@footnotetext 10697	\diagbox@double@pict@SW
5826, 5853, 5868,	\dfn@gobble . 10699, 10720	..... 10935
5885, 5888, 5896,	\dfn@ins .....	\diagbox@font .....
5898, 5969, 5970, 6847	10707,	.. 10855, 10858,
\dfn@afteroutput ..	10708, 10709,	10862, 10864,
..... 10789,	10711, 10728,	10869, 10871,
10792, 10841, 10844	10729, 10730,	10875, 10878,
\dfn@boxa .... 10698,	10732, 10746,	10881, 10885,
10703, 10706,	10747, 10803, 10804	10887, 10891, 10893
10710, 10711,	\dfn@latex@footnotetext	\diagbox@ht ... 10922,
10712, 10719,	..... 10696	10925, 10930, 10933
10724, 10727,	\dfn@latex@LTRfootnotetext	\diagbox@insepl 10855,
10731, 10732,	..... 10702, 10717	10862, 10864,
10733, 10746,	\dfn@latex@makecol	10875, 10878,
10753, 10756,	..... 10795, 10847	10885, 10887,
10758, 10765,	\dfn@latex@RTLfootnotetext	10897, 10907, 10909
10773, 10803,	..... 10723, 10738	\diagbox@insepr 10858,
10810, 10813,	\dfn@list .... 10716,	10869, 10871,
10815, 10819, 10827	10737, 10744,	10881, 10891,
\dfn@boxb .... 10712,	10777, 10779,	10893, 10900,
10733, 10750,	10782, 10788,	10903, 10914, 10916
10751, 10758,	10801, 10829,	\diagbox@setlinecolor
10763, 10807,	10831, 10834, 10840	..... 10921,
10808, 10815, 10818	\dfn@LTRfootnotetext	10924, 10929,
\dfn@countins 10742, 10799	..... 10698, 10718	10932, 10937,



10941, 10946,	19782, 19787,	22583, 23268,
10950, 10955,	19788, 19801,	23315, 23322,
10959, 10964, 10968	19802, 19809,	23325, 23351,
\diagbox@triple@pict@NE	19810, 26752, 26755	23352, 23353,
..... 10945	\dimen@ ... 9856, 9857,	23354, 23356,
\diagbox@triple@pict@NW	15268, 15270,	24887, 25100,
..... 10936	16312, 16313,	25108, 25117,
\diagbox@triple@pict@SE	16314, 16324,	25119, 26288,
..... 10963	16325, 16326,	26290, 26291,
\diagbox@triple@pict@SW	16329, 16330,	26292, 26297,
..... 10954	16331, 16337,	26299, 26300,
\diagbox@triple@setbox@NE	16347, 16349,	26301, 26306,
..... 10919	16358, 16360,	26308, 26309,
\diagbox@triple@setbox@NW	16367, 16368,	26310, 26315,
..... 10874,	16369, 16370,	26317, 26318, 26319
10877, 10880, 10895	18596, 18597,	\DiscardVskip .... 17929
\diagbox@triple@setbox@SE	18598, 19882,	\display@setup 9714, 9739
..... 10896,	19883, 20463,	\displayindent .... 9755
10899, 10902, 10919	20468, 24024,	\displaystyle 15675, 15691
\diagbox@triple@setbox@SW	24026, 24032,	\displaywidth .. 9755,
..... 10895	24038, 25901,	11041, 11043,
\diagbox@wd ... 10922,	25902, 25903,	11048, 15694, 17893
10925, 10930, 10933	25904, 25905,	\divide ..... 2377,
\DigitsDotDashInterCharToks	25906, 25965, 25966	2379, 2388, 2390,
..... 4197, 4198	\dimen@i ..... 24025,	6596, 8806, 11890,
\dim .... 18944, 18945,	24026, 24031, 24037	11914, 12038,
19268, 19269, 19270	\dimen@ii .... 16362,	14791, 14792,
\dimen 4019, 4306, 11873,	16363, 16364,	14844, 14845,
12015, 12020,	16370, 16372,	14896, 14897,
12037, 12038,	16375, 16376, 16377	14947, 14948,
12039, 12048,	\dimexpr . 28, 232, 731,	15561, 15562,
12052, 12073,	965, 1211, 2352,	16700, 16701,
12077, 12347,	2773, 2788, 2803,	20307, 20308, 24106
12351, 12372,	3106, 3108, 3112,	\do ..... 319,
12376, 12634,	3114, 3223, 3232,	320, 321, 322, 323,
12638, 12659,	3240, 5329, 5332,	324, 4734, 6831,
12663, 12933,	5619, 5623, 5633,	6891, 6906, 6927,
12937, 12958,	5642, 9221, 9374,	6930, 7916, 7921,
12962, 13232,	10190, 10252,	7935, 7940, 7954,
13236, 13257,	10253, 10255,	7959, 7982, 7991,
13261, 13531,	10281, 10290,	10026, 15549,
13535, 13556,	10314, 10344,	18032, 25022, 25418
13560, 13830,	17837, 18694,	\do@@hvFloat ..... 16861
13834, 13855,	18703, 19668,	\document .... 6011, 6027
13859, 14129,	19877, 20773,	\documentclass . 6814,
14133, 14154,	21196, 21756,	6817, 16607, 16617
14158, 14428,	21802, 21809,	\doloopbody 6456, 6457,
14432, 14453,	21812, 21838,	6501, 6574, 6581,
14457, 14765,	21839, 21840,	6588, 6591, 6593,
14772, 14818,	21841, 21843,	6597, 6599, 6601, 6605
14825, 14874,	22495, 22542,	\donotcoloroutermaths
14925, 16454,	22549, 22552,	... 2713, 2714, 2715
19765, 19772,	22578, 22579,	\doubleitemmaincolumnwidth
19773, 19781,	22580, 22581,	4923, 4936, 4937,



4938, 4939, 4963, 4965	24234, 24236,	15813, 15815,
\doublerulesepcolor 1469	25957, 25966,	15816, 15817,
\downtovalue ... 6454,	25967, 26374,	15902, 15923,
6466, 6548, 6587	26724, 26731, 26818	16210, 16216,
\dp . . . . . 40, 54, 70,	\dquad . . . . . 9747, 9749	16344, 17333,
243, 257, 272, 389,	\draw . . . . . 25781,	17340, 17371,
1462, 1779, 1784,	25788, 25792,	17378, 17411,
1893, 1978, 1982,	25815, 25825,	17442, 17473,
2002, 2013, 2031,	25833, 25836,	17883, 18034,
2042, 2082, 2086,	25839, 25842,	18036, 18042,
2093, 2359, 2363,	25854, 25859,	18044, 18582,
2407, 2817, 4044,	25866, 25872, 25873	18585, 20001,
4323, 9857, 9858,	\dseries@display@setup	20153, 20172,
10190, 10233,	. . . . . 9739	20175, 20201,
10235, 10238,		20657, 21593,
10240, 10301,		21636, 21829,
10302, 10317,	E	22109, 22164,
10319, 10703,	\edef . . 123, 359, 1384,	22173, 22569,
10724, 10751,	1438, 1446, 2258,	22870, 22925,
10770, 10772,	2259, 2284, 2285,	22934, 23342,
10808, 10824,	2310, 2311, 2336,	23635, 23690,
10826, 11044,	2394, 3915, 3943,	23699, 24076,
11049, 11062,	4243, 4271, 4621,	24101, 24115,
11068, 11182,	4636, 4664, 4667,	24133, 24188,
11187, 11191,	4670, 5071, 5109,	24195, 24208,
11194, 11878,	5112, 5125, 5129,	24672, 25021,
14730, 15268,	5136, 5149, 5153,	25043, 25204,
15276, 15333,	5160, 5376, 5379,	25237, 25244,
15560, 15573,	5413, 5435, 5463,	25249, 25336,
16042, 16059,	5489, 5517, 5543,	25487, 25523,
16075, 16567,	5580, 5706, 5707,	25627, 25740,
16572, 16672,	5710, 5711, 5728,	25977, 25982,
16713, 16714,	5729, 5732, 5733,	25991, 26006,
16717, 16759,	5822, 5827, 5837,	26010, 26020,
16760, 16763,	5852, 5855, 5868,	26025, 26034,
17976, 18528,	5872, 5877, 5884,	26040, 26053,
18702, 18705,	5887, 5894, 5897,	26057, 26274,
19765, 19781,	5903, 5906, 5962,	26377, 26441, 26455
19782, 19787,	5968, 5971, 6133,	\EdefEscapeName . . 17664
19788, 19801,	6174, 6184, 6262,	\egroup . . . . . 179,
19802, 19809,	6271, 6333, 6388,	185, 382, 406,
19810, 20287,	6391, 6418, 6421,	641, 1200, 1367,
20288, 20289,	6425, 6509, 6514,	1368, 1485, 1890,
20463, 20507,	6515, 6537, 6542,	2109, 2121, 2123,
21597, 21639,	6554, 6559, 6652,	2460, 2482, 2505,
21642, 21696,	6660, 6670, 6802,	2968, 2975, 2981,
21703, 22207,	6845, 6889, 6911,	2987, 3353, 3498,
22209, 22303,	6925, 6953, 7045,	3534, 3542, 3573,
22305, 22968,	7057, 7064, 7081,	3610, 4659, 4660,
22970, 23064,	7885, 8030, 8041,	4785, 8895, 9099,
23066, 23733,	8978, 8981, 8984,	9758, 9839, 12003,
23735, 23829,	11094, 11097,	15680, 15681,
23831, 24073,	11891, 11915,	15695, 16172,
24108, 24120,	11933, 15230,	16384, 16388,
	15702, 15708,	



18608, 18611,  
 19676, 20244,  
 20254, 20275,  
 20406, 20412,  
 20416, 20422,  
 20426, 20430,  
 20434, 20438,  
 20501, 20706,  
 21156, 24066,  
 24067, 24092,  
 24098, 25627,  
 26079, 26085,  
 26089, 26095,  
 26099, 26104,  
 26108, 26113,  
 26179, 26187,  
 26188, 26366, 26367  
 \EightColumnFootnotes  
 ..... 13848  
 \eightcolumnfootnotes  
 ..... 13823  
 \eject 16315, 16384, 16404  
 \else 4, 12, 13, 25, 36, 87,  
 104, 116, 134, 136,  
 151, 155, 159, 167,  
 175, 182, 191, 199,  
 207, 208, 224, 239,  
 290, 305, 309, 340,  
 353, 354, 355, 357,  
 358, 361, 362, 363,  
 365, 366, 367, 368,  
 369, 372, 373, 374,  
 398, 404, 450, 461,  
 464, 513, 530, 533,  
 534, 554, 557, 572,  
 593, 604, 609, 620,  
 624, 632, 636, 637,  
 641, 645, 648, 649,  
 654, 665, 676, 690,  
 693, 694, 697, 707,  
 754, 763, 771, 795,  
 799, 801, 812, 815,  
 858, 869, 872, 875,  
 876, 882, 892, 895,  
 896, 899, 909, 920,  
 931, 939, 943, 952,  
 970, 1006, 1015,  
 1023, 1047, 1051,  
 1053, 1064, 1067,  
 1110, 1121, 1125,  
 1128, 1131, 1132,  
 1137, 1148, 1159,  
 1174, 1177, 1178,  
 1181, 1191, 1195,

1196, 1200, 1220,  
 1256, 1265, 1273,  
 1297, 1301, 1303,  
 1314, 1317, 1354,  
 1359, 1360, 1373,  
 1378, 1379, 1380,  
 1382, 1383, 1386,  
 1387, 1388, 1390,  
 1391, 1392, 1393,  
 1394, 1395, 1396,  
 1399, 1400, 1401,  
 1421, 1422, 1423,  
 1424, 1425, 1426,  
 1428, 1429, 1430,  
 1431, 1432, 1505,  
 1513, 1568, 1598,  
 1621, 1642, 1663,  
 1777, 1794, 1815,  
 1853, 1865, 1892,  
 1893, 1903, 1909,  
 1942, 1950, 1959,  
 1967, 2005, 2034,  
 2110, 2125, 2146,  
 2196, 2199, 2267,  
 2293, 2319, 2346,  
 2360, 2382, 2399,  
 2423, 2475, 2516,  
 2556, 2583, 2586,  
 2591, 2598, 2616,  
 2639, 2659, 2675,  
 2683, 2702, 2862,  
 2909, 2973, 2979,  
 2985, 3062, 3080,  
 3092, 3099, 3110,  
 3170, 3172, 3206,  
 3272, 3289, 3295,  
 3299, 3305, 3311,  
 3315, 3319, 3366,  
 3373, 3396, 3424,  
 3464, 3481, 3488,  
 3499, 3509, 3548,  
 3563, 3570, 3588,  
 3611, 3660, 3671,  
 3681, 3702, 3709,  
 3757, 3766, 3776,  
 3797, 3804, 3839,  
 3848, 3859, 3867,  
 3878, 3892, 3949,  
 3955, 3961, 4004,  
 4006, 4015, 4026,  
 4029, 4032, 4207,  
 4210, 4277, 4291,  
 4293, 4302, 4312,  
 4605, 4611, 4617,

4632, 4715, 4723,  
 4728, 4738, 4977,  
 4978, 4979, 4981,  
 5017, 5084, 5090,  
 5111, 5114, 5133,  
 5141, 5157, 5165,  
 5181, 5274, 5282,  
 5288, 5294, 5300,  
 5306, 5312, 5318,  
 5324, 5337, 5345,  
 5349, 5355, 5363,  
 5367, 5389, 5396,  
 5448, 5473, 5502,  
 5527, 5559, 5593,  
 5622, 5657, 5861,  
 6195, 6208, 6209,  
 6222, 6223, 6225,  
 6227, 6235, 6237,  
 6259, 6273, 6326,  
 6330, 6336, 6342,  
 6382, 6551, 6560,  
 6611, 6635, 6650,  
 6715, 6727, 6759,  
 6770, 6808, 6820,  
 6821, 6838, 6847,  
 6892, 6907, 6910,  
 6937, 6938, 6952,  
 7233, 7239, 7434,  
 7437, 7440, 7443,  
 7473, 7701, 7707,  
 7739, 7745, 7751,  
 7789, 7795, 7974,  
 8371, 8372, 8660,  
 8745, 8798, 8811,  
 8820, 8910, 8931,  
 8956, 9029, 9049,  
 9050, 9065, 9070,  
 9074, 9116, 9127,  
 9131, 9134, 9137,  
 9138, 9143, 9154,  
 9163, 9177, 9180,  
 9181, 9185, 9197,  
 9253, 9262, 9270,  
 9293, 9304, 9308,  
 9311, 9314, 9315,  
 9320, 9331, 9340,  
 9354, 9357, 9358,  
 9362, 9385, 9430,  
 9439, 9447, 9469,  
 9480, 9482, 9503,  
 9514, 9555, 9566,  
 9569, 9618, 9633,  
 9636, 9637, 9664,  
 9678, 9687, 9694,



9717,	9747,	9773,	11548,	11549,	13737,	13876,
9798,	9805,	9854,	11551,	11556,	13879,	13893,
9859,	9897,	9898,	11562,	11564,	13899,	13906,
9904,	9922,	9945,	11568,	11648,	13909,	13921,
9968,	9991,	10016,	11664,	11725,	13997,	14004,
10017,	10019,		11738,	11821,	14007,	14020,
10031,	10036,		11824,	11833,	14026,	14033,
10038,	10040,		11836,	11845,	14036,	14175,
10060,	10065,		11848,	11884,	14178,	14192,
10083,	10099,		11888,	11895,	14198,	14205,
10123,	10128,		11906,	11912,	14208,	14220,
10142,	10158,		11919,	11957,	14296,	14303,
10177,	10193,		11995,	12094,	14306,	14319,
10214,	10254,		12097,	12111,	14325,	14332,
10265,	10279,		12117,	12124,	14335,	14474,
10282,	10288,		12127,	12139,	14477,	14491,
10320,	10328,		12215,	12222,	14497,	14504,
10331,	10334,		12225,	12238,	14507,	14519,
10350,	10353,		12244,	12251,	14595,	14602,
10356,	10381,		12254,	12393,	14605,	14618,
10410,	10444,		12396,	12409,	14624,	14631,
10448,	10463,		12415,	12422,	14634,	14869,
10471,	10563,		12425,	12436,	14883,	14920,
10645,	10659,		12508,	12515,	14934,	14969,
10704,	10708,		12518,	12530,	14988,	14994,
10710,	10725,		12536,	12543,	15001,	15017,
10729,	10731,		12546,	12680,	15097,	15104,
10740,	10745,		12683,	12697,	15121,	15127,
10754,	10765,		12703,	12710,	15134,	15265,
10769,	10777,		12713,	12725,	15306,	15318,
10797,	10802,		12801,	12808,	15329,	15342,
10811,	10819,		12811,	12824,	15376,	15391,
10823,	10829,		12830,	12837,	15394,	15395,
10849,	10863,		12840,	12979,	15402,	15414,
10870,	10886,		12982,	12996,	15431,	15481,
10892,	10908,		13002,	13009,	15492,	15495,
10915,	10977,		13012,	13024,	15554,	15604,
10987,	10990,		13100,	13107,	15609,	15640,
10993,	11013,		13110,	13123,	15645,	15670,
11016,	11019,		13129,	13136,	15683,	15700,
11023,	11047,		13139,	13278,	15727,	15731,
11129,	11144,		13281,	13295,	15752,	15858,
11159,	11160,		13301,	13308,	15862,	15888,
11161,	11162,		13311,	13323,	15912,	15994,
11189,	11205,		13399,	13406,	15997,	16037,
11208,	11209,		13409,	13422,	16088,	16128,
11219,	11230,		13428,	13435,	16131,	16146,
11233,	11246,		13438,	13577,	16164,	16238,
11256,	11314,		13580,	13594,	16241,	16250,
11325,	11328,		13600,	13607,	16253,	16262,
11411,	11422,		13610,	13622,	16265,	16275,
11425,	11473,		13698,	13705,	16293,	16295,
11496,	11511,		13708,	13721,	16311,	16316,
11520,	11527,		13727,	13734,	16336,	16365,



16371,	16387,	17085,	17087,	18373,	18376,
16394,	16399,	17089,	17093,	18379,	18382,
16412,	16442,	17097,	17101,	18385,	18388,
16476,	16481,	17107,	17110,	18391,	18394,
16525,	16530,	17114,	17120,	18397,	18400,
16564,	16565,	17123,	17126,	18403,	18406,
16570,	16587,	17132,	17147,	18409,	18412,
16588,	16590,	17157,	17166,	18415,	18418,
16598,	16599,	17177,	17197,	18421,	18424,
16609,	16628,	17208,	17219,	18427,	18430,
16632,	16634,	17237,	17248,	18433,	18436,
16643,	16645,	17259,	17270,	18439,	18442,
16653,	16668,	17285,	17300,	18445,	18448,
16692,	16694,	17360,	17398,	18451,	18454,
16697,	16698,	17431,	17462,	18457,	18460,
16699,	16705,	17493,	17546,	18463,	18466,
16707,	16715,	17558,	17561,	18469,	18472,
16721,	16724,	17578,	17587,	18475,	18478,
16727,	16734,	17597,	17612,	18481,	18484,
16741,	16743,	17620,	17629,	18487,	18495,
16749,	16753,	17643,	17658,	18496,	18497,
16756,	16761,	17672,	17684,	18498,	18521,
16767,	16770,	17810,	17828,	18550,	18560,
16783,	16786,	17848,	17851,	18593,	18608,
16789,	16795,	17859,	17860,	18610,	18621,
16802,	16812,	17876,	17898,	18635,	18642,
16825,	16834,	17899,	17901,	18712,	19333,
16842,	16849,	17906,	17930,	19336,	19347,
16852,	16855,	17931,	17932,	19348,	19349,
16874,	16877,	17941,	17946,	19350,	19351,
16883,	16884,	17959,	17984,	19352,	19381,
16887,	16894,	17993,	18028,	19397,	19403,
16896,	16902,	18035,	18043,	19409,	19434,
16913,	16921,	18064,	18074,	19444,	19466,
16923,	16924,	18082,	18112,	19484,	19500,
16925,	16928,	18123,	18141,	19513,	19526,
16933,	16939,	18151,	18157,	19530,	19584,
16941,	16942,	18194,	18273,	19600,	19613,
16943,	16946,	18276,	18279,	19626,	19630,
16956,	16958,	18282,	18285,	19686,	19694,
16971,	16977,	18288,	18291,	19700,	19709,
16980,	16984,	18294,	18297,	19711,	19715,
16990,	16993,	18301,	18304,	19716,	19721,
16996,	17002,	18307,	18310,	19723,	19728,
17007,	17010,	18313,	18316,	19733,	19735,
17014,	17016,	18319,	18322,	19740,	19750,
17019,	17023,	18325,	18328,	19763,	19825,
17025,	17027,	18331,	18334,	19848,	19853,
17031,	17036,	18337,	18340,	19858,	19891,
17040,	17047,	18343,	18346,	19973,	19978,
17052,	17056,	18349,	18352,	20011,	20017,
17063,	17068,	18355,	18358,	20025,	20028,
17072,	17076,	18361,	18364,	20060,	20080,
17078,	17081,	18367,	18370,	20095,	20143,



20174,	20198,	21366,	21388,	22674,	22681,
20256,	20270,	21399,	21439,	22690,	22697,
20304,	20330,	21450,	21453,	22699,	22703,
20368,	20369,	21502,	21517,	22709,	22716,
20370,	20396,	21520,	21521,	22732,	22733,
20450,	20451,	21548,	21560,	22737,	22738,
20454,	20458,	21569,	21601,	22744,	22746,
20459,	20462,	21646,	21680,	22747,	22751,
20464,	20470,	21682,	21686,	22752,	22759,
20488,	20489,	21690,	21692,	22761,	22762,
20494,	20502,	21697,	21701,	22766,	22767,
20511,	20521,	21704,	21708,	22774,	22811,
20527,	20530,	21710,	21714,	22816,	22838,
20542,	20548,	21741,	21749,	22846,	22847,
20557,	20559,	21761,	21774,	22860,	22875,
20565,	20576,	21777,	21787,	22891,	22901,
20578,	20589,	21803,	21810,	22908,	22909,
20591,	20602,	21816,	21854,	22910,	22912,
20604,	20613,	21869,	21873,	22946,	22949,
20615,	20634,	21876,	21883,	22975,	22981,
20654,	20668,	21890,	21896,	23026,	23037,
20669,	20674,	21917,	21933,	23047,	23076,
20685,	20689,	21934,	21941,	23087,	23105,
20697,	20701,	21950,	21957,	23135,	23253,
20702,	20706,	21959,	21963,	23261,	23273,
20710,	20713,	21969,	21976,	23286,	23290,
20714,	20719,	21992,	21993,	23300,	23316,
20730,	20739,	21997,	21998,	23323,	23329,
20753,	20756,	22004,	22006,	23367,	23382,
20757,	20761,	22007,	22011,	23386,	23389,
20778,	20825,	22012,	22019,	23396,	23403,
20834,	20842,	22021,	22022,	23409,	23430,
20866,	20870,	22026,	22027,	23446,	23447,
20872,	20883,	22034,	22071,	23454,	23463,
20886,	20929,	22072,	22085,	23470,	23472,
20940,	20964,	22087,	22099,	23476,	23482,
20973,	20981,	22114,	22130,	23489,	23505,
21007,	21011,	22140,	22147,	23506,	23510,
21013,	21024,	22148,	22149,	23511,	23517,
21027,	21068,	22151,	22185,	23519,	23520,
21073,	21074,	22188,	22214,	23524,	23525,
21082,	21085,	22220,	22265,	23532,	23534,
21086,	21091,	22276,	22286,	23535,	23539,
21102,	21111,	22314,	22325,	23540,	23547,
21125,	21128,	22343,	22373,	23584,	23611,
21129,	21133,	22480,	22488,	23612,	23625,
21139,	21147,	22500,	22513,	23640,	23656,
21151,	21152,	22517,	22527,	23666,	23673,
21156,	21172,	22543,	22550,	23674,	23675,
21201,	21252,	22556,	22594,	23677,	23711,
21268,	21271,	22609,	22613,	23714,	23740,
21317,	21332,	22616,	22623,	23746,	23791,
21335,	21336,	22630,	22636,	23802,	23812,
21341,	21342,	22657,	22673,	23841,	23852,



23870,	23900,	24872,	24984,	26339,	26342,
23995,	23998,	25004,	25014,	26343,	26344,
24034,	24051,	25020,	25024,	26345,	26347,
24084,	24097,	25072,	25076,	26349,	26350,
24105,	24118,	25189,	25513,	26354,	26356,
24123,	24202,	25527,	25531,	26370,	26387,
24203,	24204,	25554,	25569,	26392,	26393,
24206,	24207,	25579,	25583,	26394,	26395,
24210,	24211,	25593,	25594,	26396,	26397,
24212,	24213,	25595,	25596,	26398,	26399,
24214,	24215,	25601,	25603,	26402,	26403,
24216,	24218,	25604,	25612,	26407,	26409,
24219,	24220,	25618,	25635,	26414,	26443,
24221,	24222,	25645,	25651,	26452,	26462,
24225,	24226,	25657,	25660,	26482,	26487,
24227,	24290,	25671,	25709,	26529,	26534,
24307,	24314,	25711,	25716,	26559,	26566,
24316,	24321,	25725,	25730,	26582,	26593,
24326,	24327,	25732,	25739,	26604,	26619,
24330,	24335,	25746,	25777,	26625,	26663,
24339,	24340,	25784,	25789,	26669,	26707,
24355,	24379,	25795,	25806,	26709,	26719,
24383,	24393,	25809,	25820,	26735,	26737,
24399,	24405,	25827,	25841,	26740,	26744,
24410,	24416,	25891,	25898,	26753,	26782,
24426,	24438,	25899,	25901,	26785,	26788,
24446,	24451,	25909,	25917,	26794,	26815,
24452,	24453,	25919,	25920,	26831,	26851,
24461,	24468,	25931,	25935,	26858,	26859,
24482,	24483,	25940,	25949,	26976,	26984, 26990
24484,	24492,	25955,	25963,	\em . . . . .	8464
24501,	24505,	25967,	25976,	\email . . . . .	322, 4913
24506,	24507,	25995,	26000,	\emaillink . . . . .	
24515,	24522,	26019,	26044,	. 4995, 10578, 10676	
24523,	24524,	26049,	26069,	\emailsymbol . . . . .	
24532,	24539,	26115,	26116,	. 4873, 10578, 10676	
24540,	24541,	26143,	26144,	\empty . . . . .	16225,
24549,	24556,	26147,	26151,	16228, 16874, 24004	
24557,	24558,	26152,	26211,	\EmptyTokenList . . .	6377
24566,	24573,	26230,	26233,	\end . . . . .	179, 186,
24574,	24575,	26238,	26241,	429, 432, 435, 500,	
24583,	24590,	26244,	26247,	503, 766, 774, 777,	
24591,	24592,	26250,	26264,	847, 850, 1018,	
24600,	24608,	26272,	26277,	1026, 1029, 1099,	
24609,	24610,	26278,	26279,	1102, 1268, 1276,	
24618,	24627,	26289,	26290,	1279, 1350, 1353,	
24628,	24629,	26292,	26298,	1358, 1359, 1360,	
24637,	24647,	26299,	26301,	1536, 1695, 1772,	
24648,	24649,	26307,	26308,	1809, 1823, 1902,	
24657,	24667,	26310,	26316,	2099, 2131, 2353,	
24682,	24683,	26317,	26319,	2422, 2435, 2547,	
24684,	24692,	26327,	26328,	2615, 2619, 2638,	
24714,	24732,	26329,	26330,	2642, 2658, 2662,	
24733,	24734,	26333,	26336,	2766, 2781, 2796,	



2860, 2887, 2896,	11301,	11360,	\endbeamerboxesrounded
2902, 2918, 2924,	11363,	11390,	..... 1838
2930, 2970, 2976,	11393,	11396,	\endbidi@switch ...
2982, 2988, 3067,	11461,	11464,	... 6283, 6287, 6288
3083, 3122, 3204,	11553,	15462,	\endbidi@tabular@RTLcases
3205, 3211, 3212,	15465,	15468,	. 26179, 26187, 26194
3227, 3235, 3304,	15527,	15530,	\endcsname 8, 44, 58, 74,
3324, 3340, 3343,	15682,	16931,	166, 168, 203, 247,
3354, 3370, 3377,	16949,	17051,	261, 276, 333, 334,
3399, 3400, 3414,	17067,	17158,	383, 1369, 2155,
3417, 3420, 3429,	17903,	19468,	2172, 2189, 2205,
3432, 3502, 3516,	20114,	20837,	2221, 2237, 2270,
3567, 3574, 3616,	20845,	20848,	2296, 2322, 2341,
3625, 3631, 3632,	20918,	20921,	2370, 4622, 4623,
3666, 3667, 3668,	20976,	20984,	4637, 4638, 4664,
3676, 3686, 3697,	20987,	21064,	4667, 4670, 4686,
3714, 3724, 3725,	21067,	21072,	4694, 4702, 4757,
3726, 3750, 3751,	21073,	21074,	5044, 5047, 5050,
3752, 3762, 3772,	21231,	21234,	5052, 5055, 5057,
3782, 3793, 3808,	21237,	21309,	5060, 5068, 5069,
3818, 3819, 3820,	21418,	21421,	5074, 5082, 5083,
3835, 3844, 3863,	21424,	21489,	5085, 5087, 5089,
3882, 3884, 4359,	21492,	21589,	5092, 5093, 5098,
4554, 4565, 4566,	21632,	21818,	5099, 5128, 5129,
4961, 4963, 4965,	21886,	21903,	5152, 5153, 5180,
4967, 4969, 4973,	21911,	21926,	5208, 5212, 5223,
4981, 4984, 5034,	21930,	21958,	5227, 5231, 5235,
5125, 5133, 5135,	22095,	22558,	5245, 5253, 5261,
5136, 5142, 5149,	22626,	22643,	5269, 5271, 5273,
5157, 5159, 5160,	22651,	22666,	5277, 5278, 5335,
5166, 6082, 6083,	22670,	22698,	5341, 5342, 5384,
6104, 6128, 7273,	22856,	23331,	5394, 5400, 5401,
7274, 7279, 7282,	23399,	23416,	5403, 5404, 5406,
7359, 7360, 7367,	23424,	23439,	5407, 5409, 5411,
7368, 7375, 7376,	23443,	23471,	5413, 5415, 5617,
7396, 7397, 7435,	23621,	24157,	5618, 5620, 5621,
7438, 7441, 7444,	24353,	25781,	5624, 5625, 5634,
7451, 7452, 7635,	25788,	25798,	5635, 5669, 5670,
7636, 8255, 8311,	25803,	25816,	5692, 5693, 5748,
8318, 8325, 8332,	25823,	25826,	5749, 5750, 5751,
8339, 8350, 8358,	25845,	25862,	5757, 5758, 5759,
8485, 8486, 8622,	25869, 25875, 25877		5760, 5843, 5844,
8665, 8687, 9071,	\enddblfloat .... 21676		5847, 5848, 5913,
9265, 9273, 9276,	\endfloat .....		6084, 6085, 6087,
9442, 9450, 9453,	.. 7299, 7628, 21627		6098, 6099, 6101,
9482, 9494, 9534,	\end@rotdblfloat . 21631		6112, 6122, 6131,
9537, 9540, 9605,	\end@rotfloat .....		6132, 6133, 6134,
9608, 9921, 9931,	. 21588, 21629, 21630		6144, 6157, 6181,
9944, 9954, 9967,	\endarray .....	382,	6186, 6190, 6206,
9977, 9990, 10000,	406, 1367, 1368,		6224, 6226, 6234,
10557, 10666,	24092, 24096, 26179		6236, 6245, 6246,
10678, 10686,	\endBCmd .....	4556	6326, 6330, 6363,
11091, 11165,	\endbeamer@putright		6365, 6376, 6377,
11295, 11298,	... 3002, 3014, 3026		6391, 6399, 6401,



6428, 6449, 6486,	13414,	13443,	17957,	17960,
6487, 6488, 6504,	13456,	13470,	18391,	18457,
6505, 6506, 6507,	13483,	13497,	19453,	19454,
6609, 6612, 6617,	13585,	13615,	19461,	19997,
6633, 6636, 6638,	13631,	13646,	20007,	20021,
6648, 6651, 6653,	13658,	13673,	21724,	21728,
6660, 6664, 6665,	13713,	13742,	21732,	21815,
6670, 6679, 6680,	13755,	13769,	22039,	22357,
6696, 6699, 6713,	13782,	13796,	22359,	22361,
6725, 6757, 6768,	13884,	13914,	22364,	22370,
6853, 6855, 6893,	13930,	13945,	22378,	22380,
6895, 6901, 6944,	13957,	13972,	22382,	22388,
7084, 7105, 7456,	14012,	14041,	22390,	22463,
7457, 7464, 7465,	14054,	14068,	22467,	22471,
8057, 8075, 8093,	14081,	14095,	22555,	22779,
8124, 8153, 8182,	14183,	14213,	23119,	23121,
8424, 8950, 8978,	14229,	14244,	23123,	23126,
8981, 8984, 8998,	14256,	14271,	23132,	23140,
9005, 9012, 9020,	14311,	14340,	23142,	23145,
9021, 9059, 9084,	14353,	14367,	23151,	23153,
9085, 9867, 9873,	14380,	14394,	23236,	23240,
9881, 9888, 11655,	14482,	14512,	23244,	23328,
11671, 11686,	14528,	14543,	23552,	23884,
11702, 11717,	14555,	14570,	23886,	23888,
11730, 11743,	14610,	14639,	23891,	23897,
11755, 11767,	14652,	14666,	23905,	23907,
11780, 11947,	14679,	14693,	23910,	23916,
12102, 12132,	14978,	15009,	23918,	24068,
12148, 12163,	15027,	15043,	24094,	24096,
12175, 12190,	15057,	15073,	24128,	24150,
12230, 12259,	15112,	15142,	24152,	24168,
12272, 12286,	15156,	15171,	24169,	24189,
12299, 12313,	15185,	15200,	24196,	24409,
12401, 12430,	15549,	15702,	24672,	24673,
12445, 12459,	15704,	15708,	24689,	24690,
12470, 12484,	15710,	15814,	24691,	24698,
12523, 12551,	15815,	15816,	24700,	24701,
12563, 12576,	15817,	15819,	24754,	24755,
12588, 12601,	15821,	15822,	24913,	24914,
12688, 12718,	15823,	15824,	25018,	25043,
12734, 12749,	15826,	15827,	25070,	25074,
12761, 12776,	15828,	15885,	25078,	25135,
12816, 12845,	15909,	15927,	25187,	25190,
12858, 12872,	16013,	16022,	25204,	25220,
12885, 12899,	16045,	16062,	25221,	25237,
12987, 13017,	16078,	16107,	25244,	25249,
13033, 13048,	16122,	16137,	25267,	25268,
13060, 13075,	16184,	16199,	25280,	25281,
13115, 13144,	17165,	17168,	25336,	25391,
13157, 13171,	17170,	17174,	25393,	25395,
13184, 13198,	17178,	17192,	25411,	25414,
13286, 13316,	17203,	17214,	25420,	25422,
13332, 13347,	17414,	17445,	25425,	25429,
13359, 13374,	17476,	17855,	25434,	25438,



25442,	25456,	7466, 7893, 7895,	23717,	24171,	
25460,	25463,	8126, 8155, 8184,	24295,	24474,	
25467,	25472,	8561, 8578, 8594,	24894,	25008,	
25476,	25481,	8605, 8645, 8964,	25521,	25649,	
25483,	25484,	9000, 9007, 9014,	25959,	25992,	
25487,	25491,	9072, 9161, 9184,	26035,	26054,	
25538,	25539,	9338, 9361, 9575,	26177,	26512,	
25541,	25543,	9625, 9640, 9846,	26555, 26761, 26771		
25548,	25550,	10106,	10165,	\endL . 183, 1496, 1890,	
25552,	25556,	11003,	11033,	3002, 3014, 3026,	
25559,	25560,	11211,	11224,	4049, 4328, 5006,	
25563,	25564,	11334,	11431,	9850, 9859, 9860,	
25573,	25575,	11480,	14794,	9869, 9875, 9894,	
25577,	25581,	14805,	14847,	12034,	15568,
25585,	25586,	14858,	14899,	15681,	15695,
25639,	25641,	14910,	14950,	15857,	16697,
25643,	25647,	14961,	15383,	16705,	16724,
25667,	25668,	15398,	15501,	16734,	16749,
25676,	25680,	15625,	15665,	16770,	17558,
25684,	25688,	15749,	15770,	18137,	20256,
25692,	25696,	16015,	16024,	20261,	20402,
25700,	25704,	16186,	16201,	20421,	20530,
25742,	25743,	16287,	16328,	21686,	21697,
25745,	25748,	16359,	16504,	21704,	21714,
25749,	25753,	16557,	16735,	24246,	25967,
26217,	26282,	16750,	17156,	25968,	26007,
26368,	26429,	17194,	17205,	26011,	26064,
26442, 26444, 26914		17216,	17227,	26075,	26094,
\enddocument . . . 6037,		17328,	17353,	26740, 26815, 26831	
6043, 6050, 6067		17391,	17424,	\endlist . . . . . 96,	
\endflushleft . 4576, 4584		17455,	17486,	299, 589, 721, 952,	
\endgraf 18553, 18569,		17715,	17726,	984, 1234, 2536,	
22322, 23084, 23849		17864,	17887,	8449, 8457, 8462,	
\endgroup 17, 127, 212,		17962,	17986,	9211, 9399, 9711,	
310, 317, 380, 396,		18170,	18539,	11270,	11544,
470, 522, 536, 674,		19344,	19462,	15445,	17819,
696, 821, 898, 918,		19562,	19659,	19992,	20792,
1073, 1157, 1180,		19866,	19870,	21186,	21383,
1323, 1492, 2048,		19874,	20192,	21586,	22138,
2088, 2272, 2298,		20242,	20247,	22899, 23664, 24372	
2324, 2354, 2421,		20249,	20252,	\endlooprepeat . . . .	
2434, 4404, 4688,		20257,	20500,	. . . 6491, 6520, 6527	
4696, 4704, 5080,		20531,	20737,	\endLTR 20441, 26118, 26126	
5119, 5138, 5162,		20760,	20892,	\endMakeFramed . . . 16301	
5393, 5418, 5773,		21033,	21109,	\endmath . . . . . 9744	
5792, 5837, 5859,		21132,	21277,	\endmdf@lrbox . . . . 18697	
5869, 5886, 5939,		21324,	21339,	\endminipage . . . . .	
6012, 6148, 6354,		21459,	21509,	. 11990, 16161, 24250	
6356, 6392, 6397,		21524,	21830,	\endmodernpoem . . . . 9085	
6406, 6564, 6608,		22036,	22096,	\endpgfpicture . . . 20210	
6632, 6647, 6718,		22191,	22570,	\endpspicture . . . . 20495	
6730, 6742, 6762,		22776,	22857,	\endR . . . 181, 336, 348,	
6773, 6784, 6948,		22952,	23343,	382, 406, 1367,	
7047, 7057, 7097,		23549,	23622,	1368, 1485, 3228,	



3236, 3244, 3416,	\endtitlepage .. 631,	7364, 7365, 7381,
4659, 4660, 9752,	938, 1190, 9193,	7422, 7680, 7922,
9839, 9855, 9860,	9381, 20696, 21146	7923, 7941, 7942,
9862, 9894, 10974,	\endtraditionalpoem 9021	7960, 7961, 7992,
12031, 15700,	\endtrivlist ..... 15696	7993, 10665, 15805
16694, 16699,	\endturn ..... 21681	\errmessage .....
16756, 16795,	\endwindow ..... 20273	.. 4016, 4303, 19763
16802, 17171,	\enskip .... 25634, 25659	\ERROR ..... 26453
17179, 17561,	\enspace 308, 20267, 20269	\escapechar .... 5108,
17597, 17629,	\ensuremath ..... 3945	5200, 5205, 5216,
17658, 17684,	\env@RTLcases 26192, 26196	5220, 5418, 6173,
17694, 17697,	\EQ 11038, 11044, 11045,	6178, 6180, 6182, 6195
17894, 18137,	11049, 11050,	\ESO@isMEMOIR .... 10979
18547, 18608,	11059, 11060,	\ESO@tempdima . 10984,
18611, 18651,	11062, 11064,	10985, 10986,
18742, 18750,	11065, 11067,	10988, 10992,
18941, 19267,	11068, 11069,	10994, 10995,
19431, 19433,	11070, 11072,	10996, 11001,
20271, 20403,	11073, 11074,	11008, 11012,
20411, 20490,	11086, 11089,	11014, 11018,
20491, 20492,	11091, 11093,	11020, 11024, 11031
21682, 21692,	11094, 11096,	\ESO@tempdimb .....
21701, 21710,	11099, 11101,	.. 10999, 11001,
22204, 22965,	11103, 11104,	11026, 11027,
23730, 24066,	11106, 11107,	11028, 11029, 11031
24067, 24092,	11109, 11112,	\evenpage . 4365, 4368,
24098, 24245,	11113, 11114,	4369, 4370, 4372,
25964, 25968,	11117, 11120,	4373, 4374, 4375, 4377
25970, 26064,	11128, 11135,	\evensidemargin ...
26076, 26084,	11143, 11150,	... 4389, 11012,
26187, 26332,	11152, 11155,	11020, 16843,
26335, 26338,	11159, 11160,	16848, 16856,
26355, 26366,	11161, 11162,	21840, 22580,
26367, 26740,	11174, 11176, 11177	23353, 26781, 26789
26753, 26755,	\eq@addpunct ..... 9749	\everycr ..... 18543
26815, 26831,	\EQ@box ..... 9754, 9760	\everydisplay ..... 9714
26850, 26853, 26861	\eq@group .... 9717, 9726	\everyhbox ... 20405,
\endrotate ..... 21691	\eq@GRP@first@dmath 9726	20407, 20415,
\endRTL 20443, 26128, 26136	\eq@if ... 5203, 5204, 5206	20417, 26078,
\ends@math ..... 9744	\eq@isIntertext ... 9764	26080, 26088, 26090
\endsideways ..... 21709	\eq@prelim ... 9717, 9734	\everyjob ..... 3943,
\endsidewaysfigure 21629	\eq@setnumber ..... 9720	3944, 4271, 4272
\endsidewaystable 21630	\eq@setup@a ..... 9722	\everymath ..... 346
\endstabular 24066, 24068	\eq@startup ..... 9723	\everypar ..... 520,
\endstrip ..... 19675	\eq@wdCond ..... 9741	672, 916, 1155,
\endtabular . 382, 383,	\eqnewif ..... 3971,	7739, 7783, 7827,
1368, 1369, 4659,	3972, 3977, 3988, 5199	9160, 9337, 9624,
24092, 24094,	\eqno ..... 327, 20486,	11479, 15382,
24178, 26366, 26368	20488, 26856, 26858	15576, 20397,
\endtabularx .....	\eqnumform ..... 9752	20401, 20629,
. 24129, 24158, 24169	\eqstyle ..... 9719	20736, 21108,
\endtcbox@lrbox 24250, 24251	\equal ..... 4971,	21323, 21508,
\endtcbox@savebox .. 24251	4988, 4992, 4996,	24467, 24471,
\endtcbox@vbox ..... 24261	7287, 7321, 7332,	25006, 26070,



26074, 26120,	5295, 5299, 5301,	9085, 9099, 9252,
26130, 26657, 26701	5305, 5307, 5311,	9261, 9269, 9429,
\everyvbox . . . . 1371,	5313, 5317, 5319,	9438, 9446, 9714,
1372, 20425,	5323, 5325, 5336,	9824, 9866, 9887,
20427, 20433,	5338, 5342, 5343,	10054, 10056,
20435, 26098,	5344, 5346, 5347,	10117, 10119,
26100, 26107, 26109	5350, 5354, 5356,	11947, 12004,
\ExecuteDoHook 21737,	5361, 5362, 5364,	15598, 15600,
21759, 22476,	5365, 5368, 5377,	15634, 15636,
22498, 23249, 23271	5384, 5388, 5390,	15702, 15703,
\ExecuteOptions . . .	5393, 5394, 5395,	15708, 15709,
4822, 7151, 8532,	5397, 5400, 5401,	15806, 15823,
8534, 10498, 10596	5403, 5404, 5406,	15828, 15887,
\ExecuteOptionsX . . 4172	5407, 5409, 5411,	15890, 15911,
\exhyphenpenalty . .	5413, 5415, 5419,	15914, 15927,
. . . . . 623, 930,	5664, 5665, 5666,	15941, 15942,
1124, 9130, 9307,	5667, 5668, 5670,	15943, 15944,
20688, 21138, 21200	5693, 5697, 5748,	15946, 16173,
\exp . . . . 18818, 18821,	5749, 5750, 5751,	16328, 16350,
18875, 19050, 19104	5757, 5758, 5759,	16351, 16359,
\expandafter . . . 166,	5760, 5843, 5844,	16470, 16472,
359, 383, 753,	5858, 5859, 5860,	16519, 16521,
762, 770, 796,	5862, 5869, 5870,	16740, 16778,
799, 1005, 1014,	5873, 5888, 5895,	16779, 17196,
1022, 1048, 1051,	5904, 5913, 6084,	17198, 17207,
1255, 1264, 1272,	6098, 6112, 6122,	17209, 17218,
1298, 1301, 1369,	6131, 6132, 6133,	17220, 17323,
1384, 1466, 1467,	6134, 6149, 6176,	17337, 17351,
1468, 1470, 2341,	6177, 6186, 6190,	17375, 17389,
2370, 2461, 3339,	6245, 6246, 6258,	17422, 17453,
3948, 3950, 3954,	6259, 6354, 6356,	17484, 17715,
3956, 3960, 3962,	6363, 6365, 6367,	17716, 17723,
4604, 4606, 4610,	6369, 6370, 6371,	17737, 17957,
4612, 4616, 4618,	6391, 6393, 6396,	17965, 17970,
4622, 4623, 4631,	6399, 6400, 6401,	18151, 18152,
4633, 4637, 4638,	6403, 6406, 6411,	18157, 18158,
4662, 4665, 4668,	6474, 6486, 6488,	18540, 18583,
4671, 4675, 4678,	6504, 6505, 6506,	18586, 19443,
4681, 4732, 4733,	6507, 6545, 6556,	19446, 19478,
4786, 5044, 5047,	6561, 6575, 6608,	19480, 19578,
5050, 5054, 5068,	6609, 6610, 6613,	19580, 20154,
5080, 5081, 5086,	6616, 6632, 6633,	20171, 20183,
5097, 5122, 5124,	6647, 6648, 6660,	20188, 20399,
5128, 5129, 5133,	6665, 6670, 6680,	20824, 20833,
5136, 5146, 5148,	6696, 6699, 6725,	20841, 20867,
5152, 5153, 5157,	6768, 6830, 6839,	20870, 20963,
5160, 5180, 5182,	6851, 6853, 6854,	20972, 20980,
5187, 5207, 5208,	6894, 6904, 6905,	21008, 21011,
5211, 5212, 5222,	6926, 6943, 6954,	21594, 21606,
5223, 5226, 5227,	6956, 7083, 7084,	21616, 21637,
5230, 5231, 5234,	7883, 8424, 8854,	21652, 21664,
5235, 5271, 5273,	8979, 8982, 8985,	21735, 21815,
5277, 5281, 5283,	8988, 8991, 8994,	21916, 22039,
5287, 5289, 5293,	9020, 9021, 9084,	22171, 22180,



22356,	22358,	25462,	25466,	\familynamestyle 4893,
22360,	22363,	25471,	25475,	10553, 10643, 10664
22369,	22377,	25480,	25483,	\FamilySetBool ... 25184
22379,	22381,	25484,	25487,	\fancy@oval ... 15546
22387,	22389,	25491,	25551,	\fancyfoot ... 5006,
22474,	22555,	25555,	25576,	7507, 7508, 10568
22656,	22779,	25580,	25642,	\fancyhead ... 7496,
22814,	22829,	25646,	25742,	7497, 7498, 8723,
22832,	22836,	25743,	25745,	8724, 8735, 8736, 8737
22932,	22941,	25748,	25749,	\fancyhf .. 4855, 7494,
23118,	23120,	25752,	25977,	7503, 7513, 8721, 8732
23122,	23125,	25989,	25992,	\fancyhfoffset 7487, 7488
23131,	23139,	26000,	26001,	\fancypagestyle ...
23141,	23144,	26020,	26032,	... 4852, 5005,
23150,	23152,	26035,	26049,	7502, 7512, 10567
23247,	23328,	26050,	26054,	\FAX ..... 4872
23429,	23552,	26072,	26368,	\fax ..... 4912
23598,	23601,	26429,	26441,	\faxsymbol .....
23697,	23706,	26476,	26478,	. 4872, 10577, 10675
23883,	23885,	26523, 26525, 26914		\fb@adjheight .....
23887,	23890,	\ExplSyntaxOff .....		. 16315, 16385, 16405
23896,	23904,	..... 20039, 20138		\fb@afterframe .....
23906,	23909,	\ExplSyntaxOn 20034, 20117		. 16310, 16335, 16393
23915,	23917,	\extrafeetendmini .		\FB@captype .....
24068,	24094,	..... 11984, 11989		. 15707, 15708, 15710
24127,	24130,	\extrafeetendminihook		\fb@frh . 16322, 16326,
24150,	24153,	..... 11987, 11988		16341, 16376, 16379
24155,	24157,	\extrafeetins 11862, 11863		\fb@put@frame . 16304,
24168,	24169,	\extrafeetinshook .		16315, 16386, 16406
24177,	24181,	..... 11867, 11868		\fb@putboxa ... 16309,
24183,	24190,	\extrafeetminihook 11983		16334, 16392, 16409
24192,	24197,	\extrainfo ..... 4914		\fb@resto@set .....
24199,	24208,	\extrarowheight ...		. 16344, 16384, 16388
24672,	24673,	.. 386, 18514, 18522		\fb@sizeofframe ...
24689,	24690,	\extrarulesep .... 24121		..... 16317, 16339
24691,	24698,	\extratitle .....		\FBifcaptop ..... 18566
24700,	24701,	. 22060, 22800, 23573		\fbox ..... 4556,
24754,	24913,			4566, 9893, 11178,
25018,	25043,			16970, 16976,
25070,	25074,	F		16983, 16989,
25078,	25134,	\f@nch@everypar .. 15576		16995, 17001,
25187,	25190,	\f@nch@foot ..... 15584		17009, 17013,
25204,	25220,	\f@nch@head ..... 15578		17018, 17022,
25237,	25244,	\f@nch@reset 15578, 15584		17026, 17030,
25249,	25266,	\f@nch@vbox . 15579, 15585		17045, 17046,
25267,	25279,	\f@size ..... 347		17061, 17062,
25280,	25336,	\fakeslideentry ... 2599		17071, 17075,
25390,	25392,	\FamilyKeyState .. 25185		17080, 17084,
25394,	25410,	\FamilyKeyStateProcessed		17088, 17092,
25414,	25419,	..... 25185		17100, 17106,
25421,	25424,	\familyname ..... 4907		17113, 17119,
25428,	25433,	\familynamecolour .		17125, 17131, 20529
25437,	25441,	. 4876, 10502, 10600		\fboxrule 4504, 16278,
25455,	25460,	\familynamefont 4885,		16284, 16290,
		4893, 10542, 10636		



16292, 16294, 16296	1140, 1148, 1156,	3323, 3325, 3326,
\fboxsep . . . . . 1913,	1158, 1165, 1166,	3327, 3368, 3375,
4505, 4572, 4581,	1174, 1177, 1178,	3398, 3416, 3427,
9855, 9856, 9857,	1183, 1196, 1199,	3430, 3455, 3466,
9893, 16278,	1200, 1201, 1220,	3483, 3491, 3497,
16290, 16292,	1248, 1258, 1267,	3501, 3504, 3511,
16294, 16296,	1275, 1299, 1301,	3552, 3554, 3565,
20528, 25964,	1316, 1321, 1359,	3572, 3590, 3613,
25965, 25966, 26062	1360, 1362, 1365,	3662, 3673, 3684,
\fcolorbox . . . . . 4506	1367, 1368, 1373,	3687, 3704, 3711,
\FeetAboveFloat . . .	1387, 1388, 1402,	3760, 3769, 3779,
. . . . . 15323, 15327	1403, 1417, 1425,	3799, 3806, 3842,
\FeetAtBottom . . . . 15325	1426, 1432, 1433,	3851, 3858, 3861,
\FeetBelowFloat . . 15324	1437, 1442, 1445,	3870, 3877, 3880,
\FeetBelowRagged . .	1450, 1453, 1461,	3894, 3951, 3957,
. . . . . 15326, 15328	1462, 1471, 1472,	3963, 4007, 4008,
\ff@backcol . . . . . 15817	1484, 1485, 1496,	4015, 4016, 4028,
\ff@col . . . . . 15815	1507, 1515, 1571,	4034, 4035, 4078,
\ff@frametype 15813, 15824	1576, 1601, 1609,	4084, 4090, 4096,
\ff@txtcol . . . . .	1624, 1632, 1645,	4102, 4114, 4120,
. 15805, 15806, 15816	1653, 1666, 1674,	4126, 4132, 4146,
\fi . . . 12, 13, 18, 25, 36,	1782, 1786, 1796,	4153, 4160, 4170,
87, 98, 104, 107,	1827, 1855, 1858,	4187, 4198, 4203,
108, 109, 117, 134,	1867, 1873, 1875,	4209, 4212, 4220,
136, 142, 150, 154,	1880, 1881, 1882,	4228, 4279, 4294,
158, 162, 169, 177,	1883, 1885, 1887,	4295, 4302, 4303,
184, 193, 207, 208,	1888, 1889, 1892,	4314, 4350, 4607,
213, 218, 224, 227,	1893, 1906, 1908,	4613, 4619, 4634,
228, 229, 239, 290,	1919, 1922, 1924,	4655, 4659, 4660,
305, 309, 328, 336,	1944, 1952, 1953,	4662, 4718, 4719,
348, 362, 363, 375,	1961, 1969, 1996,	4725, 4740, 4741,
376, 379, 382, 398,	2010, 2025, 2039,	4744, 4747, 4750,
404, 406, 463, 468,	2124, 2125, 2146,	4754, 4755, 4763,
506, 513, 521, 523,	2196, 2199, 2212,	4977, 4978, 4979,
530, 533, 534, 537,	2228, 2274, 2300,	4981, 5009, 5017,
556, 557, 563, 572,	2326, 2355, 2360,	5065, 5079, 5094,
595, 604, 611, 620,	2385, 2393, 2402,	5095, 5117, 5118,
624, 637, 640, 641,	2409, 2436, 2493,	5133, 5143, 5157,
642, 648, 649, 654,	2516, 2536, 2559,	5167, 5176, 5183,
657, 665, 673, 675,	2563, 2585, 2590,	5276, 5284, 5290,
682, 683, 690, 693,	2595, 2597, 2600,	5296, 5302, 5308,
694, 699, 707, 746,	2620, 2643, 2663,	5314, 5320, 5326,
756, 765, 773, 797,	2677, 2685, 2704,	5339, 5348, 5351,
799, 814, 819, 853,	2826, 2866, 2911,	5357, 5366, 5369,
860, 869, 875, 876,	2977, 2983, 2989,	5391, 5398, 5442,
882, 885, 892, 895,	3066, 3082, 3094,	5446, 5452, 5453,
896, 901, 909, 917,	3101, 3116, 3170,	5471, 5477, 5478,
919, 926, 927, 931,	3172, 3177, 3183,	5496, 5500, 5506,
951, 952, 953, 970,	3213, 3218, 3224,	5507, 5525, 5531,
998, 1008, 1017,	3225, 3227, 3228,	5532, 5553, 5557,
1025, 1049, 1051,	3233, 3235, 3236,	5563, 5564, 5591,
1066, 1071, 1105,	3241, 3243, 3244,	5597, 5598, 5626,
1112, 1121, 1125,	3275, 3293, 3302,	5659, 5694, 5845,
1131, 1132, 1137,	3303, 3313, 3322,	5863, 6038, 6041,



6084, 6098, 6112,	9410, 9422, 9432,	10625, 10631,
6122, 6150, 6195,	9441, 9449, 9469,	10645, 10660,
6200, 6205, 6208,	9475, 9476, 9480,	10706, 10709,
6209, 6210, 6218,	9482, 9505, 9514,	10710, 10727,
6228, 6230, 6238,	9568, 9573, 9611,	10730, 10731,
6245, 6248, 6252,	9618, 9626, 9633,	10756, 10772,
6259, 6264, 6275,	9636, 9637, 9641,	10773, 10775,
6287, 6288, 6326,	9651, 9653, 9655,	10784, 10793,
6330, 6337, 6341,	9664, 9670, 9671,	10794, 10813,
6343, 6382, 6474,	9678, 9689, 9694,	10826, 10827,
6508, 6546, 6552,	9713, 9715, 9716,	10836, 10845,
6556, 6561, 6575,	9717, 9725, 9736,	10846, 10849,
6614, 6640, 6654,	9738, 9747, 9752,	10865, 10872,
6666, 6681, 6717,	9754, 9769, 9770,	10888, 10894,
6729, 6761, 6772,	9771, 9773, 9775,	10910, 10917,
6826, 6828, 6829,	9800, 9807, 9813,	10974, 10977,
6858, 6860, 6864,	9825, 9826, 9838,	10989, 10997,
6865, 6874, 6876,	9839, 9850, 9854,	10998, 11001,
6897, 6898, 6900,	9855, 9859, 9860,	11015, 11021,
6914, 6915, 6917,	9862, 9869, 9875,	11022, 11025,
6918, 6933, 6946,	9894, 9897, 9898,	11031, 11051,
6947, 6955, 6972,	9904, 9909, 9932,	11135, 11150,
7027, 7037, 7048,	9955, 9978, 10001,	11159, 11160,
7235, 7241, 7434,	10016, 10019,	11161, 11162,
7437, 7440, 7443,	10020, 10036,	11192, 11205,
7462, 7473, 7703,	10040, 10041,	11208, 11209,
7712, 7739, 7747,	10043, 10064,	11212, 11219,
7756, 7791, 7800,	10089, 10096,	11225, 11232,
7976, 8033, 8035,	10105, 10107,	11233, 11239,
8045, 8371, 8372,	10127, 10148,	11246, 11256,
8489, 8490, 8491,	10155, 10164,	11327, 11332,
8669, 8747, 8799,	10166, 10196,	11366, 11424,
8812, 8820, 8851,	10207, 10208,	11429, 11467,
8852, 8907, 8908,	10216, 10247,	11473, 11481,
8912, 8919, 8924,	10248, 10256,	11483, 11485,
8933, 8962, 8970,	10261, 10272,	11487, 11496,
8972, 9027, 9029,	10278, 10285,	11502, 11503,
9033, 9052, 9054,	10286, 10287,	11511, 11522,
9055, 9056, 9067,	10293, 10294,	11527, 11548,
9069, 9070, 9079,	10295, 10322,	11551, 11554,
9081, 9118, 9127,	10330, 10336,	11556, 11563,
9131, 9137, 9138,	10337, 10338,	11564, 11568,
9143, 9146, 9154,	10352, 10358,	11593, 11613,
9162, 9169, 9170,	10359, 10360,	11648, 11664,
9177, 9180, 9181,	10393, 10407,	11725, 11738,
9187, 9197, 9229,	10419, 10422,	11826, 11827,
9231, 9233, 9245,	10432, 10446,	11838, 11839,
9255, 9264, 9272,	10454, 10460,	11850, 11851,
9295, 9304, 9308,	10465, 10467,	11882, 11883,
9314, 9315, 9320,	10468, 10469,	11884, 11901,
9323, 9331, 9339,	10483, 10518,	11902, 11908,
9346, 9347, 9354,	10525, 10532,	11925, 11926,
9357, 9358, 9364,	10539, 10564,	11941, 11959,
9385, 9406, 9408,	10613, 10619,	11980, 12000,



12036,	12096,	14306,	14321,	16268,	16269,
12097,	12113,	14327,	14334,	16279,	16293,
12119,	12126,	14335,	14476,	16295,	16305,
12127,	12141,	14477,	14493,	16373,	16374,
12217,	12224,	14499,	14506,	16402,	16407,
12225,	12240,	14507,	14521,	16416,	16429,
12246,	12253,	14597,	14604,	16430,	16431,
12254,	12395,	14605,	14620,	16445,	16480,
12396,	12411,	14626,	14633,	16502,	16505,
12417,	12424,	14634,	14747,	16529,	16555,
12425,	12438,	14801,	14854,	16558,	16569,
12510,	12517,	14871,	14885,	16574,	16583,
12518,	12532,	14906,	14922,	16589,	16591,
12538,	12545,	14936,	14957,	16592,	16608,
12546,	12682,	14971,	14990,	16618,	16627,
12683,	12699,	14996,	15003,	16637,	16642,
12705,	12712,	15019,	15099,	16647,	16659,
12713,	12727,	15106,	15123,	16661,	16662,
12803,	12810,	15129,	15136,	16676,	16692,
12811,	12826,	15272,	15308,	16694,	16697,
12832,	12839,	15320,	15334,	16698,	16699,
12840,	12981,	15336,	15343,	16705,	16707,
12982,	12998,	15376,	15384,	16718,	16724,
13004,	13011,	15391,	15394,	16727,	16734,
13012,	13026,	15395,	15399,	16743,	16749,
13102,	13109,	15402,	15407,	16751,	16753,
13110,	13125,	15414,	15431,	16756,	16764,
13131,	13138,	15494,	15499,	16770,	16785,
13139,	13280,	15533,	15540,	16791,	16792,
13281,	13297,	15542,	15544,	16795,	16802,
13303,	13310,	15554,	15558,	16814,	16815,
13311,	13325,	15565,	15566,	16828,	16838,
13401,	13408,	15567,	15568,	16844,	16851,
13409,	13424,	15608,	15624,	16857,	16858,
13430,	13437,	15626,	15644,	16874,	16878,
13438,	13579,	15664,	15666,	16883,	16887,
13580,	13596,	15677,	15684,	16888,	16898,
13602,	13609,	15700,	15722,	16899,	16904,
13610,	13624,	15730,	15734,	16905,	16906,
13700,	13707,	15748,	15755,	16914,	16923,
13708,	13723,	15832,	15834,	16925,	16926,
13729,	13736,	15836,	15845,	16927,	16928,
13737,	13878,	15847,	15849,	16929,	16941,
13879,	13895,	15857,	15860,	16943,	16944,
13901,	13908,	15862,	15877,	16945,	16946,
13909,	13923,	15891,	15915,	16947,	16952,
13999,	14006,	15999,	16001,	16958,	16959,
14007,	14022,	16037,	16090,	16960,	16973,
14028,	14035,	16098,	16113,	16979,	16986,
14036,	14177,	16128,	16131,	16992,	16998,
14178,	14194,	16145,	16146,	17004,	17005,
14200,	14207,	16169,	16243,	17006,	17011,
14208,	14222,	16244,	16255,	17015,	17020,
14298,	14305,	16256,	16267,	17024,	17028,



17032,	17033,	17944,	17961,	18611,	18616,
17034,	17035,	17972,	17984,	18623,	18637,
17042,	17050,	17996,	18009,	18644,	18651,
17058,	17066,	18011,	18030,	18659,	18663,
17073,	17077,	18037,	18045,	18696,	18718,
17082,	17086,	18051,	18066,	18742,	18750,
17090,	17094,	18076,	18084,	18941,	19267,
17095,	17096,	18115,	18116,	19335,	19339,
17103,	17109,	18126,	18127,	19342,	19347,
17116,	17122,	18144,	18153,	19348,	19349,
17128,	17134,	18159,	18193,	19350,	19351,
17135,	17136,	18196,	18275,	19352,	19364,
17137,	17138,	18278,	18281,	19378,	19381,
17139,	17140,	18284,	18287,	19387,	19391,
17149,	17154,	18290,	18293,	19392,	19413,
17155,	17159,	18296,	18300,	19414,	19415,
17171,	17179,	18303,	18306,	19420,	19431,
17183,	17184,	18309,	18312,	19433,	19437,
17199,	17210,	18315,	18318,	19447,	19459,
17221,	17241,	18321,	18324,	19466,	19488,
17252,	17263,	18327,	18330,	19495,	19498,
17278,	17293,	18333,	18336,	19519,	19529,
17308,	17367,	18339,	18342,	19559,	19565,
17405,	17438,	18345,	18348,	19566,	19588,
17469,	17500,	18351,	18354,	19595,	19598,
17526,	17529,	18357,	18360,	19619,	19629,
17532,	17535,	18363,	18366,	19656,	19662,
17544,	17546,	18369,	18372,	19663,	19668,
17550,	17556,	18375,	18378,	19688,	19698,
17558,	17561,	18381,	18384,	19699,	19704,
17575,	17580,	18387,	18390,	19705,	19711,
17589,	17597,	18393,	18396,	19715,	19716,
17609,	17614,	18399,	18402,	19719,	19723,
17622,	17629,	18405,	18408,	19728,	19731,
17640,	17645,	18411,	18414,	19735,	19740,
17651,	17658,	18417,	18420,	19744,	19752,
17669,	17674,	18423,	18426,	19763,	19777,
17684,	17690,	18429,	18432,	19782,	19788,
17694,	17697,	18435,	18438,	19802,	19810,
17725,	17729,	18441,	18444,	19825,	19838,
17744,	17752,	18447,	18450,	19846,	19851,
17760,	17768,	18453,	18456,	19856,	19861,
17777,	17785,	18459,	18462,	19893,	19973,
17794,	17802,	18465,	18468,	19980,	19999,
17810,	17822,	18471,	18474,	20004,	20009,
17828,	17831,	18477,	18480,	20016,	20026,
17832,	17833,	18483,	18486,	20027,	20030,
17848,	17859,	18489,	18495,	20031,	20032,
17860,	17865,	18497,	18500,	20045,	20050,
17877,	17894,	18509,	18510,	20054,	20060,
17898,	17901,	18525,	18547,	20066,	20071,
17904,	17906,	18552,	18560,	20074,	20080,
17930,	17931,	18603,	18604,	20099,	20112,
17932,	17943,	18608,	18609,	20113,	20145,



20163,	20177,	20966,	20975,	21948,	21956,
20185,	20186,	20983,	21009,	21957,	21968,
20190,	20198,	21011,	21026,	21975,	21982,
20213,	20221,	21031,	21073,	21992,	21995,
20256,	20271,	21074,	21076,	21997,	22002,
20272,	20290,	21079,	21085,	22006,	22009,
20294,	20301,	21086,	21091,	22011,	22016,
20302,	20304,	21094,	21102,	22018,	22021,
20306,	20307,	21110,	21117,	22024,	22026,
20308,	20314,	21118,	21125,	22031,	22033,
20339,	20341,	21128,	21129,	22034,	22037,
20352,	20363,	21135,	21139,	22068,	22071,
20370,	20376,	21152,	21155,	22072,	22073,
20378,	20381,	21156,	21157,	22089,	22092,
20382,	20396,	21164,	21166,	22099,	22116,
20450,	20451,	21168,	21172,	22137,	22144,
20454,	20458,	21201,	21270,	22147,	22148,
20459,	20462,	21275,	21311,	22149,	22151,
20467,	20468,	21317,	21325,	22187,	22190,
20473,	20488,	21332,	21335,	22201,	22205,
20489,	20490,	21336,	21340,	22216,	22222,
20491,	20492,	21341,	21342,	22298,	22299,
20494,	20497,	21353,	21355,	22300,	22316,
20505,	20516,	21357,	21366,	22327,	22345,
20521,	20526,	21390,	21399,	22351,	22375,
20529,	20530,	21452,	21457,	22482,	22490,
20544,	20550,	21495,	21502,	22491,	22515,
20557,	20559,	21510,	21517,	22529,	22531,
20563,	20565,	21520,	21521,	22536,	22543,
20574,	20576,	21525,	21535,	22550,	22562,
20578,	20587,	21537,	21539,	22596,	22610,
20589,	20591,	21548,	21553,	22612,	22619,
20600,	20602,	21560,	21569,	22621,	22627,
20604,	20613,	21603,	21607,	22633,	22636,
20615,	20636,	21617,	21648,	22660,	22661,
20656,	20668,	21653,	21654,	22672,	22680,
20669,	20676,	21665,	21666,	22687,	22688,
20685,	20689,	21680,	21682,	22696,	22697,
20702,	20705,	21686,	21690,	22708,	22715,
20706,	20707,	21692,	21697,	22722,	22732,
20713,	20714,	21701,	21704,	22735,	22737,
20719,	20722,	21708,	21710,	22742,	22746,
20730,	20738,	21714,	21743,	22749,	22751,
20745,	20746,	21751,	21752,	22756,	22758,
20753,	20756,	21776,	21789,	22761,	22764,
20757,	20763,	21791,	21796,	22766,	22771,
20778,	20799,	21803,	21810,	22773,	22774,
20801,	20803,	21822,	21856,	22777,	22808,
20817,	20827,	21870,	21872,	22811,	22812,
20836,	20844,	21879,	21881,	22815,	22818,
20868,	20870,	21887,	21893,	22831,	22834,
20885,	20890,	21896,	21920,	22837,	22840,
20924,	20931,	21921,	21932,	22849,	22853,
20940,	20956,	21940,	21947,	22860,	22877,



22898,	22905,	24154,	24211,	25009,	25045,
22908,	22909,	24212,	24228,	25046,	25048,
22910,	22912,	24229,	24245,	25050,	25080,
22948,	22951,	24283,	24290,	25081,	25082,
22962,	22966,	24292,	24307,	25089,	25105,
22977,	22983,	24318,	24321,	25121,	25144,
23059,	23060,	24328,	24329,	25192,	25193,
23061,	23078,	24330,	24335,	25520,	25522,
23089,	23107,	24339,	24340,	25529,	25531,
23113,	23137,	24355,	24378,	25544,	25545,
23255,	23263,	24385,	24403,	25546,	25553,
23264,	23288,	24404,	24420,	25557,	25562,
23302,	23304,	24421,	24422,	25566,	25572,
23309,	23316,	24426,	24427,	25578,	25582,
23323,	23335,	24436,	24440,	25588,	25591,
23369,	23383,	24441,	24442,	25593,	25594,
23385,	23392,	24448,	24451,	25595,	25598,
23394,	23400,	24452,	24453,	25601,	25604,
23406,	23409,	24461,	24472,	25605,	25614,
23433,	23434,	24473,	24475,	25620,	25629,
23445,	23453,	24476,	24482,	25630,	25638,
23460,	23461,	24483,	24484,	25644,	25648,
23469,	23470,	24492,	24495,	25651,	25652,
23481,	23488,	24496,	24504,	25663,	25664,
23495,	23505,	24505,	24506,	25674,	25675,
23508,	23510,	24507,	24515,	25679,	25683,
23515,	23519,	24518,	24522,	25687,	25691,
23522,	23524,	24523,	24524,	25695,	25699,
23529,	23531,	24532,	24535,	25703,	25707,
23534,	23537,	24539,	24540,	25711,	25716,
23539,	23544,	24541,	24549,	25724,	25727,
23546,	23547,	24552,	24556,	25734,	25735,
23550,	23581,	24557,	24558,	25739,	25746,
23584,	23585,	24566,	24569,	25769,	25775,
23600,	23603,	24573,	24574,	25786,	25791,
23614,	23618,	24575,	24583,	25797,	25799,
23625,	23642,	24586,	24590,	25806,	25809,
23663,	23670,	24591,	24592,	25822,	25831,
23673,	23674,	24600,	24603,	25844,	25847,
23675,	23677,	24608,	24609,	25858,	25864,
23713,	23716,	24610,	24618,	25865,	25871,
23727,	23731,	24621,	24627,	25876,	25879,
23742,	23748,	24628,	24629,	25893,	25898,
23824,	23825,	24637,	24640,	25901,	25902,
23826,	23843,	24647,	24648,	25903,	25904,
23854,	23872,	24649,	24657,	25908,	25911,
23878,	23902,	24660,	24674,	25913,	25919,
23996,	23999,	24682,	24683,	25920,	25934,
24041,	24057,	24684,	24692,	25944,	25945,
24062,	24066,	24695,	24717,	25952,	25957,
24067,	24084,	24732,	24733,	25960,	25963,
24092,	24098,	24734,	24875,	25964,	25967,
24105,	24112,	24895,	24987,	25968,	25970,
24118,	24123,	25004,	25007,	25979,	25980,



25984,	25990,	26735,	26739,	\floatc@biditytfloatplain
25996,	25997,	26740,	26744,	..... 7631,
25998,	26001,	26752,	26753,	7641, 7648, 7654, 7662
26007,	26011,	26754,	26755,	\floatc@biditytfloatplaintop
26022,	26023,	26756,	26777,	..... 7648
26027,	26033,	26784,	26790,	\floatc@biditytfloattruled
26045,	26046,	26791,	26792,	..... 7649
26047,	26050,	26793,	26795,	\floatc@plain .... 15698
26064,	26069,	26796,	26797,	\floatingpenalty ..
26115,	26116,	26815,	26831,	.. 41, 55, 71, 244,
26124,	26134,	26850,	26853,	258, 273, 10715,
26143,	26144,	26854,	26858,	10736, 10783,
26147,	26151,	26859,	26861,	10790, 10835,
26152,	26187,	26869,	26871,	10842, 11876,
26213,	26232,	26980, 26986, 26992		16042, 16059, 16075
26240,	26246,	\figcaption . 16923, 16941		\floatstyle ..... 7682
26252,	26260,	\fill ..... 2886,		\flushleft ... 4573, 4582
26267,	26268,	3077, 3079, 3081,		\FN@sfc@footnote ..
26269,	26275,	3286, 3287, 3290,		..... 4600, 4604
26280,	26283,	3291, 3297, 3300,		\FN@sfc@footnotemark
26291,	26292,	3308, 3393, 3395,		..... 4629, 4631
26300,	26301,	3397, 8662, 8666,		\FN@sfc@LTRfootnote
26309,	26310,	16958, 17153,		..... 4601, 4610
26318,	26319,	18495, 18497, 18499		\FN@sfc@RTLfootnote
26327,	26328,	\filright .. 24270, 24299		..... 4602, 4616
26329,	26330,	\FirstFrameCommand		\FN@sfc@gobble@bracket
26333,	26336,	..... 16292, 16338		..... 4640, 4643
26339,	26342,	\firstmark ... 10062,		\FN@sfc@gobble@opt .
26343,	26344,	10125, 15606,		..... 4606,
26345,	26347,	15642, 15799,		4612, 4618, 4621
26349,	26350,	16478, 16527,		\FN@sfc@gobble@optonly
26357,	26360,	19486, 19586,		..... 4633, 4636
26362,	26366,	26484, 26531, 26842		\FN@sfc@gobble@twobracket
26367,	26370,	\firstname ..... 4906		..... 4625, 4628
26386,	26387,	\firstnamecolour ..		\focus@pbar@height
26395,	26396,	. 4875, 10503, 10599		3284, 3286, 3287,
26399,	26400,	\firstnamefont ....		3288, 3290, 3291,
26401,	26402,	4884, 4892, 10541,		3292, 3297, 3298,
26403,	26409,	10542, 10633, 10636		3300, 3301, 3307,
26414,	26422,	\firstnamestyle 4892,		3308, 3310, 3312,
26439,	26445,	10553, 10643, 10664		3317, 3318, 3320, 3321
26447,	26454,	\FiveColumnFootnotes		\focus@pbar@leftoffset
26464,	26466,	..... 12951		3266, 3267, 3282,
26486,	26510,	\fivecolumnfootnotes		3286, 3287, 3290, 3291
26513,	26533,	..... 12926		\focus@pbar@progress
26553,	26556,	\Fld@width ... 17743,		... 3281, 3287, 3291
26559,	26577,	17751, 17759, 17767		\focus@pbar@rightoffset
26592,	26610,	\flnew@within .... 15707		3270, 3271, 3273,
26612,	26621,	\float@newx ..... 15701		3274, 3282, 3297,
26630,	26665,	\floatalignment ...		3300, 3310, 3312,
26674,	26706,	.... 7291, 7292,		3317, 3318, 3320, 3321
26709,	26710,	7333, 7334, 7356,		\font ..... 24008, 24009
26711,	26712,	7363, 7371, 7422, 7633		\fontdimen . 24008, 24009
26713,	26721,	\FloatBarrier . 7263, 7613		





13324,	13327,	12372,	12373,	14564,	14575,
13340,	13341,	12392,	12410,	14765,	14766,
13352,	13366,	12414,	12421,	14806,	14818,
13535,	13536,	12435,	12451,	14819,	14859,
13560,	13561,	12465,	12477,	14968,	14989,
13578,	13593,	12478,	12488,	14993,	15000,
13601,	13608,	12634,	12635,	15016,	15035,
13623,	13626,	12659,	12660,	15051,	15066,
13639,	13640,	12679,	12698,	15067,	15079,
13651,	13665,	12702,	12709,	15347,	15360, 15364
13834,	13835,	12724,	12741,	\footmarkstyle . . . .	
13859,	13860,	12756,	12769,	. . . . . 11813, 11852	
13877,	13892,	12770,	12781,	\footmarkwidth . . . .	
13900,	13907,	12933,	12934,	. . 11812, 11817,	
13922,	13925,	12958,	12959,	11818,	11820,
13938,	13939,	12978,	12997,	11822,	11825,
13950,	13964,	13001,	13008,	11829,	11830,
14133,	14134,	13023,	13040,	11832,	11834,
14158,	14159,	13055,	13068,	11837,	11841,
14176,	14191,	13069,	13080,	11842,	11844,
14199,	14206,	13232,	13233,	11846,	11849,
14221,	14224,	13257,	13258,	11856,	11859,
14237,	14238,	13277,	13296,	16234,	16235,
14249,	14263,	13300,	13307,	16237,	16239,
14432,	14433,	13322,	13339,	16242,	16246,
14457,	14458,	13354,	13367,	16247,	16249,
14475,	14490,	13368,	13379,	16251,	16254,
14498,	14505,	13531,	13532,	16258,	16259,
14520,	14523,	13556,	13557,	16261,	16263, 16266
14536,	14537,	13576,	13595,	\footnote 417, 491, 741,	
14548,	14562,	13599,	13606,	840, 993, 1092,	
14772,	14773,	13621,	13638,	1243, 1343, 2251,	
14807,	14825,	13653,	13666,	4600, 4603, 8199,	
14826,	14860,	13667,	13678,	8518, 8549, 9240,	
14874,	14875,	13830,	13831,	9417, 9522, 9596,	
14911,	14925,	13855,	13856,	11285,	11353,
14926,	14962,	13875,	13894,	11378,	11452,
14970,	14987,	13898,	13905,	15452,	15520,
14995,	15002,	13920,	13937,	19382,	19385,
15018,	15021,	13952,	13965,	20812,	20911,
15036,	15037,	13966,	13977,	20949,	21055,
15049,	15065,	14129,	14130,	21209,	21297,
15348,	15361, 15365	14154,	14155,	21406,	21480,
\footinsv@r . . . 11864,		14174,	14193,	21861,	22601, 23374
12012,	12013,	14197,	14204,	\footnotelayout . . .	
12014,	12015,	14219,	14236,	. . . 8017, 8018, 8021	
12048,	12049,	14251,	14264,	\footnotemark . . . . .	
12073,	12074,	14265,	14276,	4629, 4630, 16174,	
12093,	12112,	14428,	14429,	16188, 19383, 19386	
12116,	12123,	14453,	14454,	\footnoterule . 10694,	
12138,	12155,	14473,	14492,	10756,	10762,
12170,	12183,	14496,	14503,	10767,	10795,
12184,	12195,	14518,	14535,	10796,	10813,
12347,	12348,	14550,	14563,	10817,	10821,



10847, 10848,	.. 11813, 11819,	\fourcolumnfootnotes
11622, 11998,	11823, 11825,	..... 12627
15283, 15296,	16236, 16240, 16242	\fp ..... 19039,
15864, 15961,	\footskip 15585, 21847,	19040, 19041, 19042
15965, 15968,	22587, 23360, 26828	\fps@figure ..... 16911
15983, 15988,	\foottextfont .....	\framebox .... 10551,
15989, 15991,	.. 11631, 11651,	10682, 19697, 19703
16650, 16683,	11667, 11728,	\FrameCommand .... 16290
19828, 20466,	11741, 11869,	\FrameHeightAdjust 16364
24262, 26573, 26600	12042, 12067,	\FrameRestore . 16298,
\footnotes ..... 8014	12099, 12129,	16302, 16418, 16419
\footnotesep 29, 31, 40,	12204, 12227,	\framewidth .....
46, 54, 60, 70, 76,	12256, 12341,	... 2147, 2164, 2181
233, 235, 243, 249,	12366, 12398,	\fromaddress .....
257, 263, 272, 278,	12427, 12497,	.. 11546, 11552,
2158, 2175, 2192,	12520, 12548,	11562, 17896, 17902
2208, 2224, 2240,	12628, 12653,	\fromname ..... 11567
10712, 10733,	12685, 12715,	\fromsig ... 11566, 11568
10758, 10815,	12790, 12813,	\fromvalue .... 6454,
11631, 11637,	12842, 12927,	6540, 6563, 6585, 6600
11643, 11877,	12952, 12984,	\frontmatter ..... 8716
14799, 14852,	13014, 13089,	\fs@biditytfloatboxed
14904, 14955,	13112, 13141,	..... 7660
16041, 16049,	13226, 13251,	\fs@biditytfloatplain
16058, 16066,	13283, 13313,	..... 7639, 7647
16074, 16082,	13388, 13411,	\fs@biditytfloatplaintop
16110, 16125,	13440, 13525,	..... 7647
16140, 17838, 17840	13550, 13582,	\fs@biditytfloatruled
\footnotesize ... 38,	13612, 13687,	..... 7652
52, 68, 106, 226,	13710, 13739,	\fslice . 20284, 20285,
241, 255, 270, 413,	13824, 13849,	20287, 20288, 20291
737, 989, 1239,	13881, 13911,	\ftn@amount ... 16566,
4984, 5006, 7171,	13986, 14009,	16567, 16568,
7172, 7210, 7829,	14038, 14123,	16575, 16579, 16580
7830, 7831, 8023,	14148, 14180,	\ftn@font .... 21758,
8053, 8071, 8089,	14210, 14285,	21794, 22497,
9236, 9413, 9518,	14308, 14337,	22534, 23270, 23307
11281, 11374,	14422, 14447,	\ftn@rule@height ..
11869, 11870,	14479, 14509,	..... 21802,
11871, 15448,	14584, 14607,	21805, 21809,
16032, 16033,	14636, 14736,	21812, 22542,
16034, 16039,	14759, 14788,	22545, 22549,
16056, 16072,	14798, 14812,	22552, 23315,
16103, 16118,	14841, 14851,	23318, 23322, 23325
16133, 17830,	14975, 15006,	\ftn@rule@test@values
20267, 20269,	15084, 15109, 15139	..... 21801,
20808, 20945,	\forcerectofloat .. 7294	21808, 22541,
21205, 21402,	\forceversofloat .. 7295	22548, 23314, 23321
21857, 22597, 23370	\forvariable .....	\ftn@rule@width 21805,
\footnotetext .. 4664,	6454, 6460, 6536,	21812, 22545,
4675, 8978, 8988	6572, 6579, 6584,	22552, 23318, 23325
\footrule ..... 15585	6590, 6595, 6599, 6600	\ftnm@font .....
\footrulewidth 4854, 7492	\FourColumnFootnotes	. 21797, 22537, 23310
\footscript .....	..... 12652	





447, 448, 466, 472,  
473, 474, 475, 476,  
477, 478, 479, 480,  
481, 482, 483, 484,  
519, 520, 671, 672,  
779, 780, 781, 782,  
783, 784, 785, 786,  
787, 788, 817, 823,  
824, 825, 826, 827,  
828, 829, 830, 831,  
832, 833, 915, 916,  
1031, 1032, 1033,  
1034, 1035, 1036,  
1037, 1038, 1039,  
1040, 1069, 1075,  
1076, 1077, 1078,  
1079, 1080, 1081,  
1082, 1083, 1084,  
1085, 1154, 1155,  
1281, 1282, 1283,  
1284, 1285, 1286,  
1287, 1288, 1289,  
1290, 1319, 1325,  
1326, 1327, 1328,  
1329, 1330, 1331,  
1332, 1333, 1334,  
1335, 1461, 1462,  
1750, 2145, 2162,  
2179, 2196, 2197,  
2212, 2213, 2228,  
2229, 2333, 2340,  
2364, 2447, 2575,  
4406, 4407, 4408,  
4409, 4410, 4411,  
4412, 4413, 4414,  
4415, 4416, 4662,  
4665, 4668, 4671,  
4675, 4678, 4681,  
4760, 4764, 4786,  
5069, 5083, 5085,  
5091, 5093, 5104,  
5110, 5122, 5146,  
5253, 5269, 5434,  
5488, 5542, 6354,  
6356, 6376, 6377,  
6388, 6396, 6406,  
6519, 6538, 6540,  
6542, 6554, 6559,  
7158, 7292, 7336,  
7337, 7709, 7720,  
7723, 7753, 7764,  
7767, 7797, 7808,  
7811, 7865, 8632,  
8829, 8832, 8850,

8854, 8870, 8881,  
8907, 8908, 8935,  
8948, 8949, 8969,  
8979, 8982, 8985,  
8988, 8991, 8994,  
9026, 9036, 9050,  
9052, 9057, 9058,  
9064, 9065, 9067,  
9087, 9099, 9101,  
9159, 9160, 9278,  
9279, 9280, 9281,  
9282, 9283, 9284,  
9285, 9286, 9287,  
9336, 9337, 9455,  
9456, 9457, 9458,  
9459, 9460, 9461,  
9462, 9463, 9464,  
9542, 9543, 9544,  
9545, 9546, 9547,  
9548, 9549, 9550,  
9551, 9552, 9553,  
9571, 9577, 9578,  
9579, 9580, 9581,  
9582, 9583, 9584,  
9585, 9586, 9587,  
9588, 9589, 9623,  
9624, 9716, 9726,  
9727, 9728, 9729,  
9730, 9731, 9732,  
9733, 9741, 9754,  
9759, 9763, 9819,  
10048, 10049,  
10059, 10066,  
10100, 10111,  
10112, 10122,  
10129, 10159,  
10184, 10203,  
10400, 10411,  
10424, 10436,  
10438, 10447,  
10449, 10450,  
10453, 10456,  
10466, 10473,  
10474, 10481,  
10707, 10714,  
10728, 10735,  
10747, 10755,  
10759, 10776,  
10779, 10787,  
10792, 10804,  
10812, 10816,  
10828, 10831,  
10839, 10844,  
11166, 11303,

11304, 11305,  
11306, 11307,  
11308, 11309,  
11310, 11311,  
11312, 11330,  
11336, 11337,  
11338, 11339,  
11340, 11341,  
11342, 11343,  
11344, 11345,  
11346, 11398,  
11399, 11400,  
11401, 11402,  
11403, 11404,  
11405, 11406,  
11407, 11408,  
11409, 11427,  
11433, 11434,  
11435, 11436,  
11437, 11438,  
11439, 11440,  
11441, 11442,  
11443, 11444,  
11445, 11478,  
11479, 11723,  
11736, 11748,  
11760, 11773,  
11894, 11896,  
11918, 11920,  
11944, 11952,  
11954, 11969,  
12036, 12114,  
12156, 12183,  
12212, 12241,  
12265, 12279,  
12292, 12306,  
12412, 12452,  
12477, 12505,  
12533, 12556,  
12569, 12581,  
12594, 12700,  
12742, 12769,  
12798, 12827,  
12851, 12865,  
12878, 12892,  
12999, 13041,  
13068, 13097,  
13126, 13150,  
13164, 13177,  
13191, 13298,  
13340, 13367,  
13396, 13425,  
13449, 13463,  
13476, 13490,



13597,	13639,	16461,	16462,	19765,	19782,
13666,	13695,	16463,	16464,	19788,	19802,
13724,	13748,	16465,	16475,	19810,	19975,
13762,	13775,	16484,	16509,	20200,	20217,
13789,	13896,	16510,	16511,	20218,	20219,
13938,	13965,	16512,	16513,	20220,	20228,
13994,	14023,	16514,	16524,	20235,	20274,
14047,	14061,	16533,	16562,	20298,	20299,
14074,	14088,	16563,	16575,	20300,	20499,
14195,	14237,	16576,	16577,	20569,	20735,
14264,	14293,	16579,	16580,	20736,	20850,
14322,	14346,	16581,	16582,	20851,	20852,
14360,	14373,	16664,	16677,	20853,	20854,
14387,	14494,	17337,	17351,	20855,	20856,
14536,	14563,	17375,	17389,	20857,	20858,
14592,	14621,	17422,	17453,	20859,	20888,
14645,	14659,	17484,	17547,	20894,	20895,
14672,	14686,	17557,	18142,	20896,	20897,
14722,	14736,	18534,	18535,	20898,	20899,
14755,	14991,	18583,	18586,	20900,	20901,
15036,	15066,	18605,	18606,	20902,	20903,
15094,	15124,	18614,	19315,	20904,	20989,
15149,	15164,	19316,	19317,	20990,	20991,
15178,	15193,	19318,	19319,	20992,	20993,
15260,	15311,	19320,	19321,	20994,	20995,
15322,	15381,	19322,	19323,	20996,	20997,
15382,	15470,	19340,	19435,	20998,	20999,
15471,	15472,	19472,	19473,	21000,	21029,
15473,	15474,	19483,	19489,	21035,	21036,
15475,	15476,	19492,	19494,	21037,	21038,
15477,	15478,	19496,	19497,	21039,	21040,
15479,	15497,	19499,	19504,	21041,	21042,
15503,	15504,	19512,	19514,	21043,	21044,
15505,	15506,	19522,	19523,	21045,	21046,
15507,	15508,	19524,	19525,	21047,	21107,
15509,	15510,	19527,	19528,	21108,	21239,
15511,	15512,	19531,	19532,	21240,	21241,
15513,	15593,	19563,	19564,	21242,	21243,
15594,	15603,	19572,	19573,	21244,	21245,
15609,	15629,	19583,	19589,	21246,	21247,
15630,	15639,	19592,	19594,	21248,	21249,
15646,	15717,	19596,	19597,	21250,	21273,
15720,	15753,	19599,	19604,	21279,	21280,
15756,	15758,	19612,	19614,	21281,	21282,
15764,	15765,	19622,	19623,	21283,	21284,
15766,	15784,	19624,	19625,	21285,	21286,
15788,	15791,	19627,	19628,	21287,	21288,
15794,	15796,	19631,	19632,	21289,	21290,
15800,	16098,	19660,	19661,	21291,	21322,
16099,	16113,	19667,	19668,	21323,	21426,
16114,	16128,	19680,	19681,	21427,	21428,
16129,	16451,	19682,	19683,	21429,	21430,
16452,	16453,	19684,	19685,	21431,	21432,
16454,	16460,	19687,	19693,	21433,	21434,



21435,	21436,	23571,	23572,	\Gm@pageframes ... 16839
21437,	21455,	23573,	23574,	\Gm@margin 1929, 1958,
21461,	21462,	23575,	23576,	1968, 2091, 3196, 3636
21463,	21464,	23577,	23578,	\Gm@vrule .... 16822,
21465,	21466,	23579,	23580,	16823, 16824,
21467,	21468,	23582,	23864,	16826, 16827,
21469,	21470,	23866,	24097,	16828, 16831,
21471,	21472,	24101,	24102,	16832, 16833,
21473,	21507,	24103,	24120,	16836, 16837, 16838
21508,	21831,	24132,	24137,	\Gm@vrules@mpi ... 16819
21832,	21833,	24141,	24153,	\Gm@vrules@mpii .. 16829
21834,	21912,	24190,	24192,	\grid ..... 20098, 20111
21931,	21954,	24197,	24199,	\Grot@box .... 16697,
22035,	22045,	24466,	24467,	16705, 21686,
22046,	22047,	24470,	24471,	21697, 21704, 21714
22048,	22049,	25005,	25006,	\Grot@box@kv ..... 16698
22050,	22051,	25099,	25104,	\Grot@box@std .... 16692
22052,	22053,	25741,	25889,	\Grot@setangle 16693,
22054,	22055,	25897,	25907,	16704, 21679,
22056,	22057,	25910,	25954,	21689, 21700, 21707
22058,	22059,	26212,	26429,	\Grot@x ..... 16695,
22060,	22061,	26440,	26470,	16700, 21684,
22062,	22063,	26471,	26481,	21694, 21702, 21712
22064,	22065,	26488,	26517,	\Grot@y ..... 16696,
22066,	22067,	26518,	26528,	16701, 21685,
22069,	22337,	26535,	26627,	21695, 21702, 21713
22339,	22571,	26638,	26641,	\group .. 18918, 18939,
22572,	22573,	26671,	26682,	19226, 19239,
22574,	22652,	26685,	26713,	19244, 19251, 19307
22671,	22694,	26722,	26723,	\grp@aligned ..... 9732
22775,	22785,	26724,	26725,	\GRP@box . 9727, 9759, 9761
22786,	22787,	26727,	26730,	\grp@eqs@numbered . 9731
22788,	22789,	26731,	26745,	\grp@hasNumber .... 9736
22790,	22791,	26750,	26764,	\GRP@label ..... 9728
22792,	22793,	26765,	26767,	\grp@linewidth .... 9730
22794,	22795,	26776,	26809,	\GRP@queue ... 9727, 9763
22796,	22797,	26821,	26824,	\grp@setnumber .... 9736
22798,	22799,	26826,	26833,	\grp@shiftnumber .. 9733
22800,	22801,	26837,	26839,	\grp@wdL ..... 9729
22802,	22803,	26840, 26843, 26852		\grp@wdNum ..... 9730
22804,	22805,	\globalcolorstrue .		\grp@wdR ..... 9729
22806,	22807,	..... 1756, 1761		\grp@wdT ..... 9729
22809,	23099,	\GlobalSetatBoolean 5262		\Gscale@box ..... 16707, 16799, 16816
23101,	23344,	\GlobalSetBoolean .		\Gscale@div ..... 16798, 16805, 16808
23345,	23346,	.... 5246, 7294,		\Gscale@end . 16711, 16757
23347,	23425,	7295, 7322, 7323,		\Gscale@start 16711, 16757
23444,	23467,	7327, 7328, 7621, 7622		\Gscale@x .. 16709, 16755
23548,	23558,	\glossary .. 15778, 26804		\Gscale@y .. 16709, 16755
23559,	23560,	\glueexpr .... 25238,		\gsetlength ..... 7156, 7309, 7401,
23561,	23562,	25245, 25250,		7863, 8112, 8114,
23563,	23564,	25337, 25398,		8141, 8143, 8170, 8172
23565,	23566,	25401, 25405, 25411		
23567,	23568,	\Gm@lmargin 1929, 1960,		
23569,	23570,	1966, 2087, 2409, 3605		



<b>H</b>					
\H@@footnotemark ..			16821, 16826,		2360, 2404, 2564,
.. 17228, 17317,			16831, 16835,		2569, 2576, 2713,
17510, 17524, 17541			17892, 18056,		2714, 2715, 2723,
\H@@footnotetext ..			18063, 18070,		2730, 2737, 2815,
.. 11601, 17187,			18075, 18143,		3140, 3146, 3152,
17198, 17267,			19436, 19538,		3219, 3220, 3225,
17314, 17428,			19543, 19547,		3227, 3229, 3233,
17511, 17527, 17541			19638, 19639,		3235, 3237, 3241,
\H@mpfootnotetext			19645, 19742,		3243, 3337, 3363,
.. 11607, 17196,			20733, 20758,		3451, 3492, 3493,
17230, 17234, 17318			21105, 21130,		3562, 3599, 3605,
\H@refstepcounter 17717			21221, 21264,		3606, 3854, 3856,
\halign ..... 8869, 18537			21337, 21445,		3873, 3875, 4039,
\hangafter .. 9909, 19408			21505, 21522,		4318, 4645, 7268,
\hangindent .... 107,			22197, 22234,		7356, 7358, 7363,
108, 109, 227,			22958, 22995,		7396, 7397, 7406,
228, 229, 647,			23723, 23760,		7413, 7633, 7666,
874, 1130, 8489,			24044, 24729,		7984, 8023, 8050,
8490, 8491, 9136,			24891, 25000,		8068, 8086, 8208,
9313, 9813, 9909,			25482, 25617,		8217, 8226, 8661,
17831, 17832,			25654, 25656,		8669, 8788, 8838,
17833, 19401,			25722, 25729,		8842, 8853, 8870,
19407, 20712,			25731, 26163,		8881, 9087, 9101,
21084, 26347, 26871			26344, 26345,		9143, 9221, 9320,
\hb@xt@ ..... 456,			26420, 26490,		9374, 9648, 9760,
516, 535, 668, 695,			26495, 26499,		9826, 9855, 10015,
897, 912, 1059,			26537, 26538,		10018, 10035,
1151, 1179, 4400,			26544, 26734,		10039, 10759,
9157, 9182, 9334,			26815, 26831, 26853		10762, 10765,
9359, 9561, 9621,		\hbadness ..... 7664,			10816, 10817,
9638, 9899, 10068,		10700, 10721,			10819, 11043,
10073, 10077,		24173, 24175,			11048, 11054,
10131, 10132,		25828, 25829, 25846			11277, 11576,
10138, 10364,		\hbox . 15, 28, 188, 210,			14729, 14739,
10370, 10375,		232, 345, 379, 387,			14744, 15211,
10382, 10389,		404, 544, 654, 731,			15222, 15238,
11210, 11222,		882, 965, 1137,			15247, 15426,
11320, 11417,		1211, 1413, 1472,			15564, 15578,
11476, 11818,		1572, 1594, 1602,			15579, 15584,
11825, 11830,		1617, 1625, 1638,			15586, 15610,
11837, 11842,		1646, 1659, 1667,			15613, 15617,
11849, 15379,		1768, 1774, 1783,			15694, 15698,
15396, 15487,		1790, 1816, 1828,			15700, 15738,
15648, 15649,		1829, 1860, 1905,			15743, 15953,
15655, 15675,		1910, 1921, 1929,			16685, 16686,
15690, 15809,		1975, 1977, 1979,			16694, 16699,
16235, 16242,		1981, 1983, 1984,			16710, 16711,
16247, 16254,		1986, 1997, 2012,			16756, 16757,
16259, 16266,		2017, 2026, 2041,			16795, 16802,
16486, 16487,		2050, 2051, 2062,			17837, 17843,
16493, 16535,		2064, 2079, 2081,			17862, 17915,
16540, 16544,		2083, 2085, 2087,			18526, 18546,
16720, 16766,		2091, 2108, 2112,			18551, 18608,
		2119, 2120, 2343,			18611, 18923,



18939,	18940,	16398,	16415,	10369,	10386,
18958,	19218,	18058,	20414, 26087	10388,	11210,
19220,	19230,	\hboxR	190, 4025, 4027,	11222,	11476,
19266,	19301,		4311, 20404, 26077	12035,	15379,
19715,	19749,	\head@style	.... 621,	15396,	15612,
19765,	19767,		928, 1122, 1355,	15652,	15654,
19877,	20126,		9128, 9305, 20686,	15680,	15693,
20128,	20131,		21069, 21136, 21198	15700,	16490,
20212,	20267,	\headheight	2087, 4382,	16492,	16537,
20271,	20291,		11028, 15579,	16539,	16828,
20324,	20328,		15786, 21845,	16833,	17862,
20333,	20337,		22585, 23358, 26811	18143,	18551,
20349,	20360,	\headrule	..... 15582	19436,	19540,
20377,	20387,	\headrulewidth	4853, 7491	19542,	19642,
20404,	20413,	\headsep	..... 4390,	19644,	19742,
20414,	20423,		4393, 11029,	20271,	20325,
20477,	20478,		15787, 21846,	20329,	20334,
20479,	20481,		22586, 23359, 26820	20338,	20350,
20482,	20508,	\headwidth	4943, 15578,	20361,	20387,
20526,	20537,		15580, 15581,	20733,	20758,
20545,	20557,		15582, 15584,	21105,	21130,
20719,	20773,		15586, 15587, 15588	21320,	21337,
21091,	21196,	\height	. 16701, 16775,	21505,	21522,
21320,	21350,		16983, 16985,	24729,	24891,
21532,	21701,		16989, 16991,	25000,	25482,
21758,	21794,		17018, 17019,	25617,	25654,
21797,	21812,		17022, 17023,	25656,	25722,
22319,	22497,		17080, 17081,	25729,	25731,
22534,	22537,		17084, 17085,	26190,	26420,
22552,	23081,		17113, 17115,	26492,	26494,
23270,	23307,		17119, 17121,	26541,	26543,
23310,	23325,		19269, 19277, 19302	26753,	26755,
23846,	24023,	\hfil	. 15, 210, 516, 535,	26792,	26793,
24071,	24084,		668, 695, 897, 912,	26795,	26796, 26853
24112,	24123,		1060, 1151, 1179,	\hfill	.... 1478, 1479,
24162,	24232,		1409, 1410, 1411,	2099,	2120, 3196,
25609,	25610,		1412, 1440, 1441,	3345,	3348, 3482,
25659,	25661,		1442, 1448, 1449,	3573,	4964, 4970,
25718,	25719,		1450, 1572, 1603,	4984,	7425, 7426,
25922,	25956,		1605, 1626, 1628,	7429,	7430, 8810,
25958,	25964,		1647, 1649, 1668,	8820,	9832, 9833,
26077,	26086,		1670, 2047, 2051,	10552,	15580,
26087,	26096,		2073, 2087, 2090,	15581,	15586,
26161,	26162,		2343, 2404, 2723,	15587,	19717,
26165,	26166,		2730, 2737, 3140,	19741,	19902,
26167,	26168,		3146, 3152, 4372,	19905,	19906,
26176,	26182,		4377, 8839, 8841,	19907,	19910,
26346,	26355,		8946, 9157, 9182,	19911,	19912,
26357,	26362,		9334, 9359, 9621,	19913,	19914,
26372,	26387,		9638, 9899, 10016,	19917,	19918,
26416,	26417,		10019, 10036,	19919,	19920,
26742,	26752, 26754		10040, 10070,	19921,	19922,
\hboxL	..... 192,		10072, 10135,	19923,	19926,
	4031, 4033, 4313,		10137, 10367,	19927,	19928,



19929, 19930,	20293, 20303,	11653, 11669,
19931, 19932,	20304, 20322,	11684, 11700,
19933, 19934,	20326, 20331,	11715, 11728,
19937, 19938,	20335, 20347,	11741, 11753,
19939, 19942,	20351, 20358, 20362	11765, 11778,
19943, 19944,	\href . . . . . 4989, 4990,	12198, 12228,
19947, 19948,	4993, 4994, 4997, 4998	12257, 12270,
19949, 19950,	\HRTL@mpRTLfootnotetext	12284, 12297,
19951, 19954,	. . . 11611, 17207,	12311, 12321,
19955, 19956,	17231, 17245, 17320	12327, 12491,
19957, 19958,	\HRTL@RTLfootnotetext	12521, 12549,
19961, 19962,	. . . 11605, 17188,	12561, 12574,
19963, 19964,	17209, 17282,	12586, 12599,
19965, 20378,	17316, 17395,	12608, 12614,
20382, 21812,	17490, 17512, 17530	12784, 12814,
22357, 22374,	\hrule 31, 235, 540, 725,	12843, 12856,
22552, 23119,	960, 1205, 7655,	12870, 12883,
23136, 23325,	7656, 7666, 7667,	12897, 12907,
23884, 23901,	8840, 9215, 9368,	12913, 13083,
24272, 24301,	9478, 9484, 9490,	13113, 13142,
25445, 25448,	9496, 9644, 10324,	13155, 13169,
25452, 25611,	10695, 11273,	13182, 13196,
25720, 25877, 26418	11572, 11623,	13206, 13212,
\hfilneg . . . 12030, 12033	15422, 15956,	13382, 13412,
\hfuzz 11041, 24174, 24176	15958, 15990,	13441, 13454,
\hintcolour . . . . . 4883	16403, 17840,	13468, 13481,
\hintfont . . . . . 4891,	17911, 18696,	13495, 13505,
4899, 4953, 4960, 4965	19829, 19880,	13511, 13681,
\hintscolumnwidth .	20379, 20767,	13711, 13740,
. . . . . 4919,	21190, 21346,	13753, 13767,
4933, 4937, 4945,	21528, 21805,	13780, 13794,
4953, 4959, 4965, 5022	21812, 22545,	13804, 13810,
\hintstyle . . . . . 4899	22552, 23318, 23325	13980, 14010,
\hline 18503, 18505, 18511	\hrulefill 28, 232, 544,	14039, 14052,
\HLOFF . . . . . 4508	731, 965, 1211,	14066, 14079,
\HLON . . . . . 4502	9221, 9374, 9648,	14093, 14103,
\HLTR@LTrfootnotetext	11277, 11576,	14109, 14279,
. . . 11603, 17189,	15426, 15953,	14309, 14338,
17220, 17297,	17837, 17915,	14351, 14365,
17315, 17357,	19877, 20773,	14378, 14392,
17459, 17513, 17533	21196, 21350, 21532	14402, 14408,
\HLTR@mpLTrfootnotetext	\hsize . 41, 55, 71, 244,	14578, 14608,
. . . 11609, 17218,	258, 273, 624, 931,	14637, 14650,
17232, 17256, 17319	1125, 1870, 2068,	14664, 14677,
\hoffset . . . . . 4386	2147, 2148, 2149,	14691, 14701,
\hold@viper . . . 10082,	2164, 2165, 2166,	14707, 14979,
10085, 10141,	2181, 2182, 2183,	15010, 15028,
10144, 10212,	2202, 2218, 2234,	15044, 15058,
10215, 10399,	2403, 4332, 4777,	15074, 15110,
10400, 10411,	7665, 7666, 7726,	15113, 15140,
10412, 10424,	7770, 7814, 8411,	15143, 15154,
10425, 10437,	9131, 9308, 9756,	15157, 15169,
10472, 10474, 10475	10016, 10019,	15172, 15183,
\holder . 20281, 20284,	10036, 10040,	15186, 15198,



15201,	15212,	1211, 1358, 1411,	19546,	19550,
15223,	15699,	1412, 1450, 1474,	19551,	19716,
15700,	16043,	1477, 1570, 1574,	19728,	19740,
16060,	16076,	1600, 1607, 1623,	19795,	19799,
16104,	16119,	1630, 1644, 1651,	19803,	19806,
16134,	16151,	1665, 1672, 1912,	19807,	19811,
16152,	16298,	1914, 1916, 1918,	19814,	19815,
16403,	16433,	1921, 1929, 1983,	19877,	19902,
16436,	16440,	1986, 1994, 2017,	19905,	19907,
16443,	16444,	2024, 2063, 2072,	19910,	19912,
18139,	18143,	2087, 2091, 2114,	19914,	19917,
18537,	18548,	2123, 2596, 2825,	19919,	19921,
18551,	18578,	2863, 3196, 3225,	19923,	19926,
18665,	18666,	3227, 3233, 3235,	19928,	19930,
18673,	18696,	3241, 3243, 3453,	19932,	19934,
19432,	19436,	3490, 3495, 3531,	19937,	19939,
19669,	19749,	3538, 3550, 3605,	19942,	19944,
19751,	19759,	3633, 3636, 3771,	19947,	19949,
19795,	19799,	3781, 3856, 3857,	19951,	19954,
19803,	19806,	3860, 3875, 3876,	19956,	19958,
19811,	19814,	3879, 5036, 8372,	19961,	19963,
19864,	19868,	8812, 8856, 8857,	19965,	19979,
19872,	20440,	8860, 8862, 8863,	20229,	20236,
20442,	20630,	8866, 9143, 9144,	20719,	20720,
20689,	21139,	9181, 9221, 9320,	20757,	20773,
21201,	21217,	9321, 9358, 9374,	21072,	21091,
21260,	21770,	9637, 9648, 9828,	21092,	21129,
21781,	21783,	9831, 9898, 10069,	21196,	21336,
21852,	21853,	10076, 10080,	21350,	21521,
22197,	22234,	10081, 10366,	21532,	21610,
22236,	22509,	10374, 10379,	21612,	21619,
22521,	22523,	10380, 10760,	21621,	21657,
22592,	22593,	10761, 10764,	21659,	21668,
22958,	22995,	10774, 10775,	21670,	21756,
22997,	23282,	10818, 11209,	21812,	21819,
23294,	23296,	11277, 11576,	22495,	22552,
23365,	23366,	14727, 15395,	22559,	23268,
23723,	23760,	15426, 15611,	23325,	23332,
23762,	25669,	15616, 15620,	24032,	24038,
25672,	25677,	15621, 15676,	24050,	24055,
25681,	25685,	15692, 15953,	24271,	24300,
25689,	25693,	16536, 16543,	24461,	24492,
25697,	25701,	16547, 16548,	24515,	24532,
25705,	25925,	16821, 16823,	24549,	24566,
25946,	25950,	16824, 16827,	24583,	24600,
26117,	26127,	16832, 16835,	24618,	24637,
26271,	26644,	16837, 16838,	24657,	24692,
26688, 26849, 26853		17743, 17751,	24884,	24887,
\hskip . . . . . 14,		17759, 17767,	25093,	25125,
28, 209, 232, 305,		17776, 17784,	25604,	25651,
309, 534, 544, 654,		17793, 17801,	25661,	25716,
655, 694, 731, 882,		17837, 17861,	26414,	26491,
883, 896, 944, 965,		17893, 17915,	26498,	26502,
1137, 1138, 1178,		18049, 19539,	26503,	26736,



26738, 26752, 26755	10075,	10079,	26335,	26336,
\hspace . 108, 109, 228,	10134,	10140,	26338,	26339,
229, 553, 3369,	10372,	10377,	26344,	26345,
3376, 4954, 4959,	10384,	10391,	26402,	26403,
4965, 7408, 7415,	10763,	10773,	26404,	26405,
7637, 8315, 8316,	10818,	10827,	26497,	26501,
8322, 8323, 8329,	11043,	11046,	26540, 26546, 26740	
8330, 8336, 8337,	11048,	11051,	\ht 385, 1460, 1493, 1775,	
8464, 8490, 8491,	11054,	11210,	1785, 1791, 1804,	
10682, 10855,	11222,	11321,	1892, 1976, 1978,	
10858, 10862,	11418,	11476,	1980, 1982, 2002,	
10864, 10869,	11819,	11825,	2011, 2013, 2031,	
10871, 10875,	11831,	11837,	2040, 2042, 2080,	
10878, 10881,	11843,	11849,	2082, 2084, 2086,	
10885, 10887,	15379,	15396,	2092, 2357, 2361,	
10891, 10893,	15488,	15615,	2405, 2816, 3617,	
10897, 10900,	15619,	15651,	4045, 4324, 9847,	
10903, 10907,	15657,	15809,	9856, 9858, 10175,	
10909, 10914,	16236,	16242,	10182, 10190,	
10916, 11229,	16248,	16254,	10204, 10215,	
11563, 11820,	16260,	16266,	10232, 10234,	
11832, 11844,	16489,	16495,	10237, 10239,	
16237, 16249,	16542,	16546,	10253, 10266,	
16261, 16958,	16720,	16766,	10270, 10273,	
16974, 16987,	16824,	16838,	10274, 10277,	
16999, 17012,	18063,	18070,	10283, 10301,	
17021, 17029,	18075,	18546,	10302, 10315,	
17074, 17083,	18554,	18960,	10345, 10437,	
17091, 17104,	19221,	19302,	10472, 10703,	
17117, 17129,	19545,	19549,	10712, 10724,	
17153, 17832,	19641,	19647,	10733, 10741,	
17833, 22169,	19785,	19786,	10751, 10753,	
22178, 22274,	19796,	19797,	10769, 10798,	
22284, 22287,	20243,	20253,	10808, 10810,	
22289, 22930,	20479,	20490,	10823, 11194,	
22939, 23035,	20491,	20492,	12037, 12322,	
23045, 23048,	20537,	20545,	12328, 12333,	
23050, 23695,	20733,	20758,	12338, 12609,	
23704, 23800,	21105,	21130,	12615, 12620,	
23810, 23813,	21221,	21264,	12625, 12908,	
23815, 23995,	21320,	21337,	12914, 12919,	
23996, 24277,	21446,	21505,	12924, 13207,	
24289, 26974,	21522,	21758,	13213, 13218,	
26978, 26983,	21794,	22319,	13223, 13506,	
26985, 26989, 26991	22329,	22497,	13512, 13517,	
\hss . . . . . 457,	22534,	23081,	13522, 13805,	
516, 535, 668, 695,	23091,	23270,	13811, 13816,	
897, 912, 1151,	23307,	23846,	13821, 14104,	
1179, 1905, 2465,	23856,	24044,	14110, 14115,	
2487, 3492, 3493,	24891,	25000,	14120, 14403,	
4055, 4332, 4401,	25930,	25932,	14409, 14414,	
8431, 9157, 9182,	25937,	25943,	14419, 14702,	
9334, 9359, 9562,	26163,	26281,	14708, 14713,	
9621, 9638, 9899,	26332,	26333,	14718, 14731,	



14800,	14853,	15404,	21550,	16895,	16970,
14905,	14956,	21894,	22634, 23407	16972,	16983,
15331,	15560,	\hv@Bottom	..... 17053	16985,	16995,
16323,	16330,	\hv@Center	... 16957,	16997,	17013,
16347,	16354,	16968,	17008,	17014,	17022,
16355,	16368,	17070,	17098, 17151	17023,	17030,
16372,	16395,	\hv@figure	. 16922, 16940	17031,	17038,
16566,	16571,	\hv@floatObject	...	17041,	17046,
16713,	16714,	..... 16883, 16887		17049,	17054,
16716,	16759,	\hv@floatType	. 16913,	17057,	17061,
16760,	16762,	16922, 16940, 17158		17064,	17075,
16895,	17975,	\hv@Height	..... 16895	17076,	17084,
17992,	18512,	\hv@label	..... 16864	17085,	17092,
18565,	18580,	\hv@Left	... 16898, 16966	17093,	17100,
18595,	18597,	\hv@longCap	..... 16863	17102,	17113,
18598,	18694,	\hv@Right	.. 16899, 16955	17115, 17125, 17127	
18701,	18704,	\hv@shortCap	.....	\hvObjectWidth	....
19523,	19527,	. 16862, 16928, 16946		.. 16889, 16893,	
19532,	19623,	\hv@Top	. 16981, 17017,	16897, 16898, 16899	
19627,	19632,	17037, 17079, 17111		\hvOBox	.... 16883, 16887
19683,	19685,	\hv@Width	.. 16893, 16916	\hvSet@capAngle	...
19883,	20293,	\hv@Zero	... 16882, 17145	..... 16916, 16935	
20351,	20362,	\hvAboveCaptionSkip		\hvSet@capPos	.....
20367,	20368,	..... 17061, 17064		.. 16898, 16899,	
20369,	20370,	\hvBelowCaptionSkip		16966, 17037, 17053	
20374,	20389,	..... 17045, 17048		\hvSet@capVPos	16968,
20506,	20529,	\hvCaptionBox	. 16917,	16981,	17008,
21596,	21638,	16934,	16976,	17017,	17070,
21641,	21696,	16978,	16989,	17079, 17098, 17111	
21703,	24072,	16991,	17001,	\hvSet@capWidth	16893,
24108,	24120,	17003,	17009,	16895, 16900, 16901	
24235,	25965,	17010,	17018,	\hvSet@floatCapSep	
25967,	26373,	17019,	17026,	..... 16974,	
26716, 26726, 26730		17027,	17038,	16987,	16999,
\ht@hold@viper	10213,	17039,	17045,	17012,	17021,
10215,	10437,	17048,	17054,	17029,	17074,
10438, 10472, 10473		17055,	17062,	17083,	17091,
\ht@strip	19680, 19681,	17065,	17071,	17104, 17117, 17129	
19682,	19683,	17072,	17080,	\hvSet@floatPos	.. 16911
19684, 19687, 19689		17081,	17088,	\hvSet@objectAngle	
\ht@viper	10174, 10180,	17089,	17106,	..... 16882, 16886	
10181,	10204,	17108,	17119,	\hvSet@objectPos	..
10205,	10206,	17121, 17131, 17133		. 16955, 16957, 17151	
10217,	10371,	\hvCapWidth	... 16891,	\hvSet@rotAngle	...
10376, 10383, 10390		16893,	16895,	. 16876, 17145, 17148	
\httplink	..... 4991	16897,	16901,	\Hy@Acrobatmenu	.. 17662
\Huge	. 8398, 9481, 9493,	16903, 16918, 16936		\Hy@backout	..... 17689
9673, 9681, 11505,		\hvFloat	..... 16865	\Hy@BeginAnnot	....
11514,	15409,	\hvMaxCapWidth	16876,	.. 17545, 17565,	
15417, 21555, 21563		16877,	16898,	17602, 17634, 17663	
\huge	..... 564,	16899, 16900, 16903		\Hy@bidipoem@footnotetext	
8252, 8254, 8397,		\hvObjectBox	.....	..... 17418, 17427	
9472, 9667, 11240,		.. 16880, 16883,		\Hy@bidipoem@LTRfootnotetext	
11249,	11499,	16885,	16889,	..... 17449, 17458	



\Hy@bidipoem@RTLfootnotetext	\Hy@raisedlink 17238,	\hyper@natlinkbreak
..... 17480, 17489	17249, 17260,	..... 17696
\Hy@CleanupFile .. 17567	17271, 17286,	\hyper@natlinkend 17693
\Hy@colorlink . 17595,	17301, 17361,	\hyper@natlinkstart
17627, 17656, 17682	17399, 17432,	..... 17688
\Hy@EndAnnot .....	17463, 17494, 17731	\hyper@pageduration
.. 17552, 17598,	\Hy@saved@footnotemark	..... 1975, 2079
17630, 17659, 17685	..... 17506, 17525	\hyper@pagetransition
\Hy@endcolorlink . 17554	\Hy@saved@footnotetext	..... 1975, 2079
\Hy@footnote@currentHlabel	..... 17507, 17528	\hyperlink ..... 2340
. 17274, 17289, 17304	\Hy@SetNewWindow ..	\hyperref 16236, 16240,
\Hy@footnote@currentHref	..... 17590, 17618	16242, 16248,
..... 17236,	\Hy@setpdfborder ..	16252, 16254,
17239, 17247,	..... 17576,	16260, 16264, 16266
17250, 17258,	17610, 17641, 17670	\hypersetup 2339, 4837,
17261, 17269,	\Hy@tabularx@hook .	4845, 8508, 8567, 8584
17272, 17275,	..... 17313, 17325	\hypertarget ... 2369,
17284, 17287,	\Hy@temp@menu 17664, 17677	22163, 22924, 23689
17290, 17299,	\Hy@xspace@end ....	\hyphenpenalty ... 6,
17302, 17305,	.. 17561, 17597,	105, 201, 225,
17348, 17386,	17629, 17658, 17684	623, 930, 1124,
17419, 17450, 17481	\HyLTR@saved@LTRfootnotetext	9130, 9307, 17829,
\Hy@gtemp .. 17324, 17329	..... 17509, 17534	17853, 20688,
\Hy@href@nextactionraw	\HyOrg@maketitle ..	21138, 21200, 21343
..... 17591,	. 17504, 17515, 17520	\HyRTL@saved@RTLfootnotetext
17623, 17652, 17678	\HyOrg@TX@endtabularx	..... 17508, 17531
\Hy@href@page .... 17586	..... 17312	
\Hy@linkcounter ...	\hyper@@anchor 17236,	I
..... 11094, 11099	17239, 17247,	\i ..... 6575,
\Hy@linktoc ..... 17167	17250, 17258,	6576, 6588, 6600, 6601
\Hy@LT@currentHref	17261, 17269,	\ialign ... 393, 24077,
..... 17719, 17730	17272, 17284,	24115, 26190, 26378
\Hy@LT@LTRfootnotetext	17287, 17299,	\IeC ..... 17978
..... 17347, 17356	17302, 17359,	\if ..... 361, 362, 363,
\Hy@LT@RTLfootnotetext	17362, 17397,	365, 366, 367, 368,
..... 17385, 17394	17400, 17430,	369, 372, 373, 374,
\Hy@MakeRemoteAction	17433, 17461,	398, 404, 1386,
..... 17570	17464, 17492, 17495	1387, 1388, 1390,
\Hy@maketitle@end .	\hyper@anchorend . 17732	1391, 1392, 1393,
. 17516, 17521, 17523	\hyper@anchorstart 17732	1394, 1395, 1396,
\Hy@maketitle@optarg	\hyper@link ..... 17560	1399, 1400, 1401,
..... 17514, 17519	\hyper@linkend ....	1424, 1425, 1426,
\Hy@pstringD 17569, 17588	.. 17171, 17175,	1428, 1429, 1430,
\Hy@pstringdef ....	17179, 17181,	1431, 1432, 4736,
.. 17568, 17569,	17561, 17694, 17697	4742, 4745, 4748,
17603, 17604, 17635	\hyper@linkfile .. 17563	4751, 6271, 6326,
\Hy@pstringF .....	\hyper@linkstart ..	6330, 6336, 6340,
.. 17566, 17567,	.. 17171, 17175,	6381, 6464, 6847,
17568, 17583,	17179, 17181,	9717, 9736, 9769,
17603, 17616, 17621	17561, 17690, 17697	9770, 9771, 15885,
\Hy@pstringP 17604, 17621	\hyper@linkurl ... 17632	15909, 16146,
\Hy@pstringURI ....	\hyper@makecurrent 17718	17945, 18494,
..... 17635, 17648	\hyper@nat@current 17691	18496, 18498,
		20161, 24084,



24118, 24123,	\if@bidi@colortblloaded@	\if@bidi@floatloaded@
24210, 24211,	..... 18316	..... 18319
24212, 24213,	\if@bidi@croploded@	\if@bidi@floatrowloaded@
24214, 24215,	..... 18294	..... 18322
24216, 24218,	\if@bidi@csdef . 4230,	\if@bidi@flowframloaded@
24219, 24220,	5334, 5383, 18627,	..... 18325
24221, 24222,	19827, 25498, 25504	\if@bidi@fontspecloaded@
24225, 24226,	\if@bidi@csmacro .. 5382	..... 18478
24227, 26276,	\if@bidi@csprimitive	\if@bidi@framedloaded@
26277, 26370,	..... 5392	..... 18328
26387, 26394,	\if@bidi@csundef 5043,	\if@bidi@ftnrightloaded@
26395, 26396,	5046, 5049, 5053,	..... 18331
26397, 26398, 26399	5058, 5340, 5419,	\if@bidi@geometryloaded@
\if@allcaps .... 752,	5454, 5479, 5508,	..... 18346
761, 769, 1004,	5533, 5565, 5571,	\if@bidi@graphicxloaded@
1013, 1021, 1254,	5599, 5605, 5614,	..... 18343
1263, 1271, 9251,	5631, 6156, 7052,	\if@bidi@hvfloatloaded@
9260, 9268, 9428,	7104, 11584,	..... 18349
9437, 9445, 20823,	11585, 11598,	\if@bidi@hyperrefloaded@
20832, 20840,	11599, 11951,	..... 18361
20962, 20971, 20979	15354, 19887, 26870	\if@bidi@lettrineloaded@
\if@altsecnumformat	\if@bidi@cutedloaded@	..... 18382
. 22073, 22812, 23585	..... 18304	\if@bidi@linenoloaded@
\if@bib@break@ 22083,	\if@bidi@cutwinloaded@	..... 18385
22108, 22123,	..... 18301	\if@bidi@list@minipage@parbox
22139, 22844,	\if@bidi@dblfnloaded@	..... 3989,
22869, 22884,	..... 18307	26227, 26287,
22900, 23609,	\if@bidi@def ..... 5352	26296, 26305,
23634, 23649, 23665	\if@bidi@defmacro .	26314, 26327,
\if@bibchapter ... 24386	.... 5375, 5376,	26328, 26342, 26343
\if@bidi@amsmathloaded@	5384, 5778, 5797, 5944	\if@bidi@list@minipage@parbox@not@nob
..... 18273	\if@bidi@defparam .	..... 3990,
\if@bidi@amstextloaded@	..... 5799,	26235, 26289,
..... 18276	5893, 5894, 5946	26298, 26307, 26316
\if@bidi@amsthmloaded@	\if@bidi@defprimitive	\if@bidi@listingsloaded@
..... 18279	..... 5386	..... 18388
\if@bidi@animateloaded@	\if@bidi@defprotected	\if@bidi@longtableloaded@
..... 18282	..... 5806,	..... 18436
\if@bidi@arabxetexloaded@	5902, 5903, 5957	\if@bidi@mdf@RTL ..
..... 18481	\if@bidi@diagboxloaded@	..... 18656, 18663
\if@bidi@arrayloaded@	..... 18310	\if@bidi@mdframedloaded@
..... 18415	\if@bidi@draftwatermarkloaded@	..... 18352
\if@bidi@arydshlnloaded@	..... 18370	\if@bidi@midfloatloaded@
..... 18439	\if@bidi@empheqlloaded@	..... 18355
\if@bidi@blank ....	..... 18373	\if@bidi@minitocloaded@
... 5370, 5879, 5886	\if@bidi@fancyboxloaded@	..... 18448
\if@bidi@breqnloaded@	..... 18364	\if@bidi@multicolloaded@
..... 18285	\if@bidi@fancyhdrloaded@	..... 18442
\if@bidi@calsloaded@	..... 18367	\if@bidi@multienumloaded@
..... 18288	\if@bidi@fancyvrbloaded@	..... 18445
\if@bidi@captionloaded@	..... 18487	\if@bidi@natbibloaded@
..... 18291	\if@bidi@finalfootnotepage@	..... 18451
\if@bidi@colorloaded@	..... 11949, 11972	\if@bidi@newfloatloaded@
..... 18297		..... 18454



\if@bidi@theoremloaded@	\if@bidi@todonotes@figposition@right,	20956,
..... 18358	.. 25758, 25856,	24469, 25004, 26358
\if@bidi@overpicloaded@	25861, 25868, 25874	\if@contcw . 19388, 19417
..... 18376	\if@bidi@todonotes@textdirection@left@only	..... 19398
\if@bidi@patchable	..... 25757,	\if@continent . . . 19404
..... 5766, 5767	25791, 25831, 25865	\if@DEBUG . . . . . 4791
\if@bidi@pdfencrypt	\if@bidi@undef . . . .	\if@displaypagenumbers
..... 3979, 4213	.... 5358, 5423,	..... 4999, 5002
\if@bidi@pdfm@mark	5675, 5686, 5705,	\if@donumindex . . . .
..... 3982,	5709, 5713, 5717,	..... 24387, 24406
4225, 4283, 4347	5727, 5731, 5735,	\if@dotocbib . . . . . 24348
\if@bidi@pdfpagesloaded@	5739, 5775, 5794, 5941	\if@dotocind 24394, 24411
..... 18379	\if@bidi@wrapfigloaded@	\if@extrafootnote@features
\if@bidi@perpage@footnote	..... 18340	..... 3987, 4185
..... 3974, 4200	\if@bidi@xcolorloaded@	\if@fcolmade .. 10096,
\if@bidi@pgflloaded@	..... 18313	10155, 15624,
..... 18397	\if@bidi@xltxt@loaded@	15664, 15748,
\if@bidi@picinparloaded@	..... 18334	16502, 16555,
..... 18400	\if@bidi@xtabloaded@	16584, 19559,
\if@bidi@polyglossia@loaded@	..... 18433	19656, 26510, 26553
..... 18484	\if@bidi@xunicode@loaded@	\if@ff@nwpg . . . . . 15716
\if@bidi@pstricksloaded@	..... 18337	\if@filesw 5070, 5444,
..... 18394	\if@capbreak . . . . .	5450, 5469, 5475,
\if@bidi@quotchaploaded@	. 22277, 23038, 23803	5498, 5504, 5523,
..... 18403	\if@captionabove ..	5529, 5555, 5561,
\if@bidi@rotatingloaded@	..... 22212,	5589, 5595, 11932
..... 18460	22218, 22312,	\if@firstcolumn 10047,
\if@bidi@soulloaded@	22323, 22973,	10110, 10171,
..... 18421	22979, 23074,	10443, 10462,
\if@bidi@stabularloaded@	23085, 23738,	15592, 15628,
..... 18418	23744, 23839, 23850	16459, 16508,
\if@bidi@subfigloaded@	\if@cftdopart .... 24443	16596, 19471,
..... 18424	\if@cfthaschapter .	19571, 19677,
\if@bidi@subfigureloaded@	..... 24434,	26469, 26516, 26706
..... 18427	24438, 24444,	\if@firstdetail@element
\if@bidi@supertabularloaded@	24465, 24477, 24499	..... 10655, 10657
..... 18430	\if@cfthaspart ... 24430	\if@firstfooterelement
\if@bidi@tab@loaded@	\if@chapterentrywithdots	..... 10559, 10562
..... 18463	..... 23133, 23898	\if@hbox@Rconstruct
\if@bidi@tabularyloaded@	\if@colour . . . . . 4820	..... 3978,
..... 18466	\if@colourgreen 10490,	4286, 5304, 5310,
\if@bidi@tikzloaded@	10519, 10588, 10614	16145, 26234,
..... 18406	\if@colourgrey 10494,	26258, 26289,
\if@bidi@titlesecloaded@	10533, 10592, 10626	26298, 26307,
..... 18409	\if@colourorange ..	26316, 26327,
\if@bidi@titletocloaded@	..... 10488,	26328, 26342, 26343
..... 18412	10512, 10586, 10608	\if@ignore ... 6123, 6125
\if@bidi@tocbasicloaded@	\if@colourred . 10492,	\if@inlabel . . . . . 9716
..... 18469	10526, 10590, 10620	\if@inltxdoc . . . . . 24379
\if@bidi@tocbibindloaded@	\if@compatibility .	\if@insert . . . . . 10470
..... 18475	.. 518, 670, 746,	\if@komalongtable .
\if@bidi@tocstyleloaded@	914, 998, 1153,	. 22309, 23071, 23836
..... 18472	1248, 9245, 9422,	\if@left@column@shrink
		..... 10333



<code>\if@left@column@spread</code>	<code>\if@rl</code> . . . . . 3972	9482, 9618, 9633,
. . . . . 10250, 10327	<code>\if@rl@footnote</code> . . . 3988	9636, 9637, 9664,
<code>\if@LTRbibitems</code> . 87,	<code>\if@rlmain</code> . . . . . 3971	9678, 9694, 9713,
290, 572, 707,	<code>\if@rot@twoside</code> 21600,	9725, 9738, 9813,
970, 1220, 2516,	21605, 21615,	9854, 9855, 9859,
3985, 5017, 9197,	21645, 21651, 21663	9860, 9862, 9869,
9385, 9694, 11256,	<code>\if@RTL</code> . . . . . 12,	9875, 9894, 9897,
11527, 15431,	13, 25, 87, 104,	9898, 9904, 9909,
17810, 19466,	107, 108, 109, 173,	10016, 10019,
19973, 20778,	180, 189, 207, 208,	10036, 10040,
21172, 21366,	224, 227, 228, 229,	10861, 10868,
21569, 22099,	290, 305, 309, 513,	10884, 10890,
22860, 23625, 24355	530, 533, 534, 557,	10906, 10913,
<code>\if@LTRmarginpar</code> 3984,	572, 624, 637, 648,	11042, 11122,
26735, 26740, 26744	649, 654, 665, 690,	11137, 11159,
<code>\if@mainmatter</code> . 8715,	693, 694, 707, 875,	11160, 11161,
9471, 9666, 11498,	876, 882, 892, 895,	11162, 11185,
20562, 22815, 22837	896, 909, 931, 970,	11205, 11208,
<code>\if@minipage</code> . 7460, 19457	1125, 1131, 1132,	11209, 11219,
<code>\if@mparswitch</code> . . . 26708	1137, 1148, 1174,	11233, 11246,
<code>\if@newlist</code> . . . 15764,	1177, 1178, 1196,	11256, 11473,
15796, 26764, 26839	1220, 1359, 1360,	11496, 11511,
<code>\if@nobreak</code> . . . . 7048,	1471, 1472, 1485,	11527, 11548,
16420, 18667, 20623	1496, 1511, 1567,	11551, 11556,
<code>\if@nonlatin</code> . . . . .	1573, 1597, 1606,	11564, 15376,
. . 336, 348, 3973,	1620, 1629, 1641,	15391, 15394,
4198, 5316, 5322,	1650, 1662, 1671,	15395, 15402,
9752, 9754, 18651	1851, 2360, 2410,	15414, 15431,
<code>\if@nparlist</code> . . . . . 9074	2516, 2612, 2635,	15700, 15857,
<code>\if@noskipsec</code> . . 9715,	2655, 2673, 2681,	16146, 16293,
16421, 18668, 20624	2700, 2822, 2861,	16295, 16692,
<code>\if@oldtoc</code> . 658, 684,	2907, 3090, 3097,	16694, 16697,
886, 902, 1141,	3104, 3199, 3216,	16698, 16699,
1168, 9147, 9171,	3222, 3225, 3228,	16705, 16707,
9324, 9348, 20723,	3231, 3233, 3236,	16724, 16727,
20747, 21095, 21119	3239, 3241, 3244,	16734, 16743,
<code>\if@openright</code> . . . . .	3364, 3371, 3416,	16749, 16753,
. . 8743, 9685, 11518	3421, 3507, 3562,	16756, 16770,
<code>\if@ovb</code> . . . . . 15568	3568, 3678, 3700,	16795, 16802,
<code>\if@ovl</code> . . . . . 15566	3754, 3763, 3773,	16967, 17069,
<code>\if@ovr</code> . . . . . 15565	3795, 3836, 3845,	17171, 17179,
<code>\if@ovt</code> . . . . . 15567	3864, 3972, 4005,	17561, 17597,
<code>\if@pboxsw</code> . . . . . 26283	4285, 4292, 5017,	17629, 17658,
<code>\if@restonecol</code> . . . . .	5280, 5286, 5443,	17684, 17690,
. . . . . 604, 620,	5468, 5497, 5522,	17694, 17697,
869, 1121, 9127,	5554, 5588, 8371,	17742, 17750,
9304, 9514, 20685,	8372, 8489, 8490,	17758, 17766,
20940, 21399, 24426	8491, 9131, 9137,	17774, 17783,
<code>\if@reversemargin</code> 26711	9138, 9143, 9154,	17791, 17800,
<code>\if@right@column@shrink</code>	9177, 9180, 9181,	17810, 17828,
. 10251, 10280, 10355	9197, 9308, 9314,	17831, 17832,
<code>\if@right@column@spread</code>	9315, 9320, 9331,	17833, 17848,
. . . . . 10349	9354, 9357, 9358,	17859, 17860,
<code>\if@rjfield</code> . . . . . 26750	9385, 9469, 9480,	17894, 17898,



17901,	17906,	21701,	21704,	25594,	25595,
18026,	18033,	21708,	21710,	25601,	25604,
18041,	18062,	21714,	21739,	25651,	25711,
18072,	18547,	21747,	21772,	25716,	25739,
18619,	18633,	21785,	22071,	25746,	25806,
18640,	18659,	22072,	22099,	25809,	25893,
18742,	18750,	22147,	22148,	25928,	25936,
18941,	19267,	22149,	22151,	25963,	25964,
19347,	19348,	22199,	22203,	25967,	25968,
19349,	19350,	22478,	22486,	25970,	26007,
19351,	19352,	22511,	22525,	26011,	26064,
19431,	19433,	22811,	22860,	26069,	26115,
19466,	19711,	22908,	22909,	26116,	26143,
19715,	19716,	22910,	22912,	26144,	26147,
19723,	19728,	22960,	22964,	26151,	26228,
19735,	19740,	23251,	23259,	26236,	26242,
19973,	20060,	23284,	23298,	26248,	26261,
20080,	20095,	23584,	23625,	26329,	26330,
20109,	20141,	23673,	23674,	26332,	26335,
20271,	20321,	23675,	23677,	26338,	26342,
20396,	20450,	23725,	23729,	26343,	26344,
20451,	20454,	23994,	23997,	26345,	26347,
20458,	20490,	24027,	24047,	26349,	26350,
20491,	20492,	24245,	24290,	26355,	26402,
20540,	20546,	24307,	24327,	26403,	26409,
20557,	20559,	24330,	24335,	26414,	26735,
20565,	20576,	24339,	24340,	26740,	26744,
20578,	20589,	24355,	24451,	26752,	26753,
20591,	20602,	24452,	24453,	26754,	26755,
20604,	20613,	24461,	24482,	26850,	26853,
20615,	20632,	24483,	24484,	26861,	26871,
20652,	20668,	24492,	24505,	26973,	26983, 26989
20669,	20689,	24506,	24507,	\if@RTL@footnote 36,	
20702,	20713,	24515,	24522,	239,	2146, 2196,
20714,	20719,	24523,	24524,	2199,	3988, 4288,
20730,	20753,	24532,	24539,	7739,	11648,
20756,	20757,	24540,	24541,	11664,	11725,
20778,	21073,	24549,	24556,	11738,	12092,
21074,	21085,	24557,	24558,	12097,	12109,
21086,	21091,	24566,	24573,	12115,	12122,
21102,	21125,	24574,	24575,	12127,	12137,
21128,	21129,	24583,	24590,	12213,	12220,
21139,	21152,	24591,	24592,	12225,	12236,
21172,	21201,	24600,	24608,	12242,	12249,
21317,	21332,	24609,	24610,	12254,	12391,
21335,	21336,	24618,	24627,	12396,	12407,
21341,	21342,	24628,	24629,	12413,	12420,
21366,	21502,	24637,	24647,	12425,	12434,
21517,	21520,	24648,	24649,	12506,	12513,
21521,	21548,	24657,	24682,	12518,	12528,
21560,	21569,	24683,	24684,	12534,	12541,
21680,	21682,	24692,	24732,	12546,	12678,
21686,	21690,	24733,	24734,	12683,	12695,
21692,	21697,	25531,	25593,	12701,	12708,



12713,	12723,	16086, 16128, 16131	\if@sectionentrywithdots
12799,	12806,	\if@RTLbibitems . 87,	..... 22371
12811,	12822,	290, 572, 707,	\if@sentedir ..... 4287
12828,	12835,	970, 1220, 2516,	\if@specialpage ...
12840,	12977,	3986, 5017, 9197,	..... 15719, 26775
12982,	12994,	9385, 9694, 11256,	\if@star ..... 20526
13000,	13007,	11527, 15431,	\if@tab@rl ..... 3977
13012,	13022,	17810, 19466,	\if@tablecaptionabove
13098,	13105,	19973, 20778,	. 22341, 23103, 23868
13110,	13121,	21172, 21366,	\if@tempswa .....
13127,	13134,	21569, 22099,	1876, 1886, 1895,
13139,	13276,	22860, 23625, 24355	1910, 6890, 6935,
13281,	13293,	\if@RTLmain 1503, 1940,	10757, 10814,
13299,	13306,	1948, 1957, 1965,	11884, 21922,
13311,	13321,	1987, 2004, 2018,	22662, 23435, 25186
13397,	13404,	2033, 3078, 3170,	\if@thmmarks .. 20043,
13409,	13420,	3172, 3175, 3285,	20047, 20064, 20068
13426,	13433,	3296, 3309, 3316,	\if@titlecentered .
13438,	13575,	3394, 3487, 3494,	..... 1341, 21053
13580,	13592,	3586, 3890, 3971,	\if@titlepage .....
13598,	13605,	4004, 4023, 4284,	.. 411, 625, 733,
13610,	13620,	4291, 4310, 9912,	932, 985, 1184,
13696,	13703,	9935, 9958, 9981,	1235, 9516, 11279,
13708,	13719,	10365, 10849,	11372, 15446,
13725,	13732,	10974, 10977,	20690, 20804,
13737,	13874,	10983, 10991,	20941, 21140,
13879,	13891,	11001, 11011,	21203, 21400,
13897,	13904,	11017, 11031,	21823, 22563, 23336
13909,	13919,	15862, 16820,	\if@titlepageiscoverpage
13995,	14002,	16830, 16847,	. 21828, 22568, 23341
14007,	14018,	16853, 18080,	\if@tocstyle@penalties
14024,	14031,	19668, 19825,	..... 25514, 25623
14036,	14173,	26559, 26780,	\if@todonotes@authorgiven
14178,	14190,	26786, 26815, 26831	..... 25782,
14196,	14203,	\if@RTLmarginpar 3983,	25793, 25818, 25835
14208,	14218,	26735, 26740, 26744	\if@todonotes@disabled
14294,	14301,	\if@RTLtab . 362, 363,	..... 25776, 25777
14306,	14317,	379, 382, 404, 406,	\if@todonotes@dviStyle
14323,	14330,	1367, 1368, 1387,	..... 25779, 25813
14335,	14472,	1388, 1425, 1426,	\if@ttb@rotate ... 15856
14477,	14489,	3977, 4655, 4659,	\if@twocolumn ... 98,
14495,	14502,	4660, 5292, 5298,	218, 458, 591, 607,
14507,	14517,	9773, 9775, 9796,	634, 641, 809, 856,
14593,	14600,	9803, 9825, 9826,	941, 952, 1061,
14605,	14616,	9839, 9850, 18495,	1108, 1193, 1200,
14622,	14629,	18497, 18608,	1311, 4024, 4030,
14634,	14867,	18611, 24062,	8669, 9114, 9291,
14881,	14918,	24066, 24067,	9501, 9563, 11322,
14932,	14967,	24084, 24092,	11419, 15489,
14986,	14992,	24098, 24123,	16598, 17822,
14999,	15015,	24211, 24212,	19330, 20672,
15095,	15102,	26187, 26362,	20699, 20706,
15119,	15125,	26366, 26367,	20880, 20927,
15132,	16037,	26387, 26395, 26396	21021, 21149,



21156, 21265,	\IfbidiPackageVersion	1883, 1885, 1887,
21386, 21447,	..... 3958	1888, 1904, 1920,
21989, 22729,	\IfbidiPackageVersionBefore	2391, 3225, 3233,
23502, 24381,	..... 3952	3241, 3445, 3484,
26431, 26705, 26864	\IfbidiPackageVersionLater	3519, 3855, 3874,
\if@twoside .....	..... 3946	3947, 3953, 3959,
... 8660, 11009,	\ifblank ..... 2474, 3339	7473, 8040, 8809,
15723, 21870,	\ifblendcolors 25975,	8846, 8848, 8907,
21914, 21992,	25996, 26018, 26045	8908, 8910, 8916,
22006, 22610,	\ifbool .... 18681, 18690	8956, 8968, 9050,
22654, 22732,	\ifcase 1408, 1435, 1439,	9052, 9065, 9067,
22746, 23383,	1443, 1447, 1473,	9075, 9746, 10190,
23427, 23505,	4074, 4080, 4086,	10205, 10249,
23519, 25919, 26778	4092, 4098, 4104,	10252, 10281,
\if@vihproof 19696, 19702	4116, 4122, 4128,	10289, 10290,
\ifadl@inactive ... 1373	4135, 4149, 4156,	10296, 10319,
\ifadl@usingarypkg 1376	4166, 9827, 17167,	10326, 10332,
\ifAM@output ..... 20187	18560, 24321,	10348, 10354,
\ifAM@survey ..... 20165	24702, 25583,	10423, 10439,
\IfArgIsEmpty .....	25653, 25763,	10452, 10455,
. 21755, 22494, 23267	25771, 25995,	10457, 10704,
\ifartopt ..... 19367	26044, 26446, 26447	10725, 10745,
\ifbeamer@centered 2125	\ifcat 4015, 4302, 6221, 6222	10754, 10781,
\ifbeamer@colbox@ignorebg	\ifconvertcolorsU .	10785, 10802,
..... 1858, 1861	..... 25981,	10811, 10833,
\ifbeamer@colbox@rounded	25997, 26024, 26046	10837, 11817,
..... 1894	\ifcoddpage ..... 7237	11822, 11829,
\ifbeamer@compress 2554	\ifcsname .....	11834, 11841,
\ifbeamer@dogeometry	5335, 5341, 5692,	11846, 14801,
..... 1936	6084, 6098, 6112,	14854, 14906,
\ifbeamer@onlytextwidth	6122, 6144, 6664,	14957, 15554,
..... 2107	6679, 6893, 6901,	15556, 15699,
\ifbeamer@plainframe	19997, 20007,	16234, 16239,
..... 2381,	20021, 25538,	16246, 16251,
2398, 2409, 3450	25539, 25548,	16258, 16263,
\ifbeamer@sb@subsection	25559, 25563,	16305, 16313,
... 3658, 3669, 3677	25573, 25585,	16329, 16330,
\ifbeamer@theme@subsection	25639, 25667,	16360, 16368,
..... 3418	25668, 25676,	16381, 16396,
\ifbeamer@tree@showhooks	25680, 25684,	16429, 16430,
..... 3853, 3872	25688, 25692,	16712, 16719,
\ifbeamercoloreempty	25696, 25700, 25704	16758, 16765,
1857, 2768, 2770,	\ifdefined ... 5353, 5359	16810, 16900,
2773, 2783, 2785,	\ifdefining ..... 6341	17038, 17054,
2788, 2798, 2800,	\ifdfn@allowcbreak	17984, 17998,
2803, 3089, 3096,	..... 10710, 10731	18004, 18139,
3124, 3126, 3190, 3247	\ifdfn@ruleboth ...	18548, 18595,
\ifbidi@autofootnoterule	..... 10768, 10822	18598, 19337,
..... 2196,	\ifdfn@trysingle ..	19380, 19387,
2212, 2228, 15863,	..... 10749, 10806	19391, 19393,
16098, 16113, 16128	\ifdim ..... 1461,	19432, 19493,
\ifbidi@in@label ..	1462, 1773, 1780,	19501, 19503,
..... 6335, 6337	1792, 1814, 1873,	19593, 19601,
	1875, 1876, 1881,	19603, 19678,



19689,	19773,	17060,	17071,	17597,	17629,
19781,	19787,	17075,	17080,	17658,	17684,
19801,	19809,	17084,	17088,	20198,	20256,
20215,	20268,	17092,	17099,	20494,	20530,
20293,	20351,	17105,	17112,	21680,	21682,
20362,	20369,	17118, 17124, 17130		21686,	21690,
20374,	20389,	\ifhv@nonFloat	16912,	21692,	21697,
20502,	20527,	16919,	16937,	21701,	21704,
22183,	22266,	16958, 17150, 17152		21708,	21710,
22944,	23027,	\ifhv@onlyText	....	21714,	25963,
23709,	23792,	.....	16920, 16938	25967, 26278, 26353	
24109,	25042,	\ifhv@useOBox	16883, 16887	\ifNAT@openbib	... 19976
25087,	25102,	\ifHy@href@ismap	. 17649	\ifnonlatin	..... 5321
25107,	25549,	\ifHy@hyperfootnotes		\ifnum	..... 3,
25574,	25640,	. 11586, 11600, 17186		137, 143, 198, 304,	
25896,	25898,	\ifHy@nesting	.....	353, 354, 355, 356,	
25900,	25902,	.. 17235, 17246,		358, 459, 508, 525,	
25903,	25904,	17257, 17268,		551, 560, 644, 660,	
25906,	25946,	17283, 17298,		678, 810, 871, 904,	
25953, 26717, 26849		17358, 17396,		922, 1062, 1127,	
\ifdofullc@p	.....	17429, 17460, 17491		1143, 1161, 1312,	
. 22253, 23014, 23779		\ifHy@pdfa	... 17575,	1378, 1379, 1380,	
\iffalse	.....	17609, 17640, 17669		1381, 1383, 1422,	
5201, 5202, 5204,		\ifin@	..... 6909	1423, 2196, 2212,	
5217, 5218, 5219,		\ifin@label	..... 6343	2228, 2475, 2553,	
16420, 16421,		\ifinner	.. 4726, 7704,	2557, 2578, 2579,	
18190, 18667,		7748, 7792, 16308,		2581, 3183, 3264,	
18668, 20623, 20624		25888, 26622, 26666		3278, 3279, 4194,	
\IfFileExists	.. 6619,	\ifL@grid	..... 17999	4195, 4196, 4752,	
7217, 8689, 8754		\ifL@realh	..... 17935	5088, 5616, 6195,	
\iffootdir@debug	..	\iflatin	..... 5315	6223, 6225, 6233,	
..... 15871, 15875		\ifLettrineImage	. 17930	6235, 6436, 6446,	
\ifFootnoteBackref@number	..... 16232	\ifLettrineOnGrid	17931	6544, 6550, 6575,	
..... 20096, 20109		\ifLettrineRealHeight	..... 17932	6590, 6596, 8929,	
\ifGin@grid	..... 16809	\ifLtoR	..... 5285	9133, 9149, 9165,	
\ifGin@iso	..... 14743, 14747	\ifLtoRhboxconstruct	..... 5309	9229, 9231, 9233,	
\ifhbox	..... 2536, 4720, 7698,	\ifLtoRtable	..... 5297	9310, 9326, 9342,	
\ifhmode	..... 7742, 7786, 8029,	\ifmaskcolors	. 25985,	9406, 9408, 9410,	
2536, 4720, 7698,	8035, 9860, 9862,	25996, 26028, 26045		9470, 9564, 9613,	
7742, 7786, 8029,	9869, 9875, 9894,	\ifmmode	.....	9628, 9651, 9653,	
8035, 9860, 9862,	24283, 25968,	4275, 9854, 9859,		9655, 9665, 9747,	
9869, 9875, 9894,	25970, 26007,	15669, 15679,		10014, 10022,	
24283, 25968,	26011, 26064,	16692, 16694,		10027, 10034,	
25970, 26007,	26342, 26343,	16697, 16698,		10244, 10245,	
26011, 26064,	26386, 26616, 26660	16699, 16705,		10258, 10269,	
26342, 26343,		16707, 16724,		10405, 10417,	
26386, 26616, 26660		16727, 16734,		10430, 10645,	
\ifhv@fbox	... 16969,	16743, 16749,		11200, 11214,	
16975, 16982,		16753, 16756,		11227, 11236,	
16988, 16994,		16770, 16795,		11323, 11420,	
17000, 17009,		16802, 17546,		11469, 11483,	
17013, 17018,		17558, 17561,		11485, 11487,	
17022, 17026,				11497, 11881,	
17030, 17044,				11882, 11955,	



12035,	15330,	22485,	22555,	\Ifstr .. 24745, 24746,
15371,	15386,	22656,	22703,	24747, 24748,
15403,	15490,	22730,	22779,	24749, 24750,
15540,	15542,	22814,	22829,	24751, 24752,
15544,	15832,	22832,	22836,	24753, 24768,
15834,	15836,	23247,	23258,	24769, 24770,
15845,	15847,	23328,	23429,	24771, 24773,
15849,	15995,	23476,	23503,	24774, 24775,
16098,	16113,	23552,	23598,	24778, 24781,
16128,	16429,	23601,	24154,	24790, 24791,
16431,	16619,	24202,	24203,	24792, 24795,
17548,	17553,	24204,	24205,	24798, 24817,
17850,	17991,	24207,	24312,	24818, 24819,
18051,	18110,	24314,	24433,	24821, 24822,
18113,	18121,	24437,	24479,	24823, 24826,
18124,	18193,	24498,	24520,	24829, 24838,
18509,	18510,	24537,	24554,	24839, 24840,
18590,	18591,	24571,	24588,	24843, 24846,
19331,	19364,	24606,	24625,	24904, 24905,
19490,	19520,	24645,	24680,	24906, 24907,
19590,	19620,	24863,	24864,	24908, 24909,
19709,	19721,	24975,	24976,	24910, 24911,
19733,	19833,	25003,	25013,	24912, 24927,
19839,	20016,	25027,	25513,	24928, 24929,
20026,	20281,	25518,	25536,	24930, 24932,
20287,	20299,	25709,	25927,	24933, 24934,
20302,	20303,	26209,	26392,	24937, 24940,
20304,	20306,	26393,	26407,	24949, 24950,
20307,	20308,	26462,	26713,	24951, 24954,
20309,	20318,	26735, 26858, 26859		24957, 25211,
20340,	20345,	\ifodd .... 4737, 8660,		25212, 25213,
20356,	20367,	10982, 11010,		25214, 25215,
20368,	20374,	11081, 15724,		25216, 25217,
20378,	20381,	16840, 16846,		25218, 25219,
20382,	20488,	25919, 26709, 26779		25288, 25289,
20489,	20496,	\ifoddpage ..... 7231		25290, 25291,
20561,	20709,	\ifonelinecaptions		25293, 25294,
20725,	20741,	. 22156, 22917, 23682		25295, 25298,
20799,	20801,	\ifpgfrememberpicturepositiononpage		25301, 25310,
20803,	20881,	..... 20211		25311, 25312,
21022,	21081,	\ifpoem@started 8903,		25315, 25318,
21097,	21113,	8909, 9049, 9056, 9070		25348, 25349,
21164,	21166,	\ifprimitive .. 5387, 5394		25350, 25352,
21168,	21266,	\ifPst@shift@star 20518		25353, 25354,
21313,	21327,	\ifr@ggedbottom .. 20468		25357, 25360,
21353,	21355,	\ifrot@messages ...		25369, 25370,
21357,	21448,	..... 21650, 21662		25371, 25374,
21497,	21512,	\ifRtoL ..... 5279		25377, 25397,
21535,	21537,	\ifRtoL ..... 5279		25400, 25403,
21539,	21549,	\ifRtoLhboxconstruct		25423, 25427,
21735,	21746,	..... 5303		25432, 25444,
21815,	21916,	\ifRtoLtable ..... 5291		25447, 25451,
21963,	21990,	\ifshowgrid ..... 20496		25461, 25465, 25470
22039,	22474,	\ifsomething ..... 6474		\Ifstrstart ... 25202,



25234, 25262,	\ifvoid . 10082, 10098,	6803, 6809, 6820,
25275, 25334, 25486	10141, 10157,	6821, 6832, 6862,
\iftagsleft@ . . 328, 11039	10212, 10399,	6871, 6872, 6892,
\iftest . . . . . 6278	10708, 10729,	6907, 6917, 6931,
\ifthenelse 4971, 4988,	10740, 10765,	6938, 6950, 6966,
4992, 4996, 5004,	10797, 10819,	7021, 7032, 7974,
7130, 7190, 7192,	11887, 11893,	8798, 8819, 8972,
7195, 7199, 7202,	11905, 11911,	9024, 9029, 9031,
7205, 7230, 7287,	11917, 11994,	10058, 10121,
7306, 7321, 7326,	15304, 15317,	10777, 10829,
7332, 7341, 7352,	15329, 15342,	11546, 11562,
7358, 7364, 7365,	16164, 16389,	11566, 15602,
7372, 7379, 7381,	16410, 16565,	15638, 15992,
7387, 7404, 7422,	16570, 16588,	16273, 16474,
7424, 7428, 7446,	16590, 16599,	16523, 16561,
7447, 7450, 7451,	16609, 16629,	16738, 16780,
7486, 7495, 7506,	16630, 16634,	16781, 16787,
7516, 7565, 7680,	16645, 16652,	16874, 16876,
7904, 7922, 7923,	17725, 17729,	16882, 16893,
7941, 7942, 7960,	18608, 18712,	16895, 16898,
7961, 7992, 7993,	19748, 19891,	16899, 16916,
8111, 8116, 8140,	20396, 20462,	16922, 16923,
8145, 8169, 8174,	20464, 20469,	16925, 16928,
8251, 8255, 8303,	26069, 26122,	16940, 16941,
8516, 8562, 8571,	26132, 26564,	16943, 16946,
8579, 8606, 8653,	26579, 26580, 26603	16955, 16957,
8722, 8733, 10549,	\ifWF@float . 25901, 25915	16966, 16968,
10555, 10572,	\ifx . 115, 134, 136, 151,	16981, 17008,
10575, 10576,	155, 159, 166, 794,	17017, 17037,
10577, 10578,	798, 1046, 1050,	17053, 17070,
10579, 10665,	1296, 1300, 1892,	17079, 17098,
10670, 10673,	1893, 2263, 2289,	17111, 17145,
10674, 10675,	2315, 2341, 2972,	17151, 17164,
10676, 10677,	2978, 2984, 3062,	17195, 17206,
10680, 10684,	3269, 3294, 3314,	17217, 17524,
15805, 15820,	3464, 3480, 3547,	17527, 17530,
20155, 21604, 21649	3611, 3707, 3802,	17533, 17577,
\Iftocfeature . 24883,	4204, 4205, 4603,	17585, 17611,
24995, 25053, 25063	4609, 4615, 4630,	17619, 17642,
\iftocstyle@autolength	4661, 4713, 4716,	17671, 17875,
. . . . . 25558	4977, 4978, 4979,	17896, 17937,
\iftocstyle@indentnotnumbered	4981, 5081, 5110,	17957, 18150,
. . . . . 25603, 25650	5113, 5133, 5137,	18151, 18155,
\iftrue . . . . . 5203,	5157, 5161, 5176,	18157, 18514,
5219, 7645, 7658, 7671	5180, 5273, 5342,	19441, 19482,
\ifttl@label . . . . . 24288	5360, 5655, 5843,	19582, 19847,
\ifTX@ . . . . . 24144	5859, 6201, 6207,	19852, 19857,
\ifvbox . . . . . 15263,	6208, 6245, 6246,	20002, 20006,
16666, 19889, 19894	6247, 6248, 6258,	20013, 20019,
\ifvmode . . 5440, 5494,	6264, 6289, 6294,	20171, 20183,
5551, 7048, 7434,	6299, 6304, 6310,	20459, 20511,
7437, 7440, 7443,	6315, 6503, 6609,	20572, 20585,
18696, 19763,	6633, 6648, 6713,	20598, 20865,
20054, 20074, 24096	6725, 6757, 6768,	20869, 21006,



21010,	21768,	25732,	25976,	\includemedia . . . . .
21803,	21810,	26019,	26152,	. 18916, 19246, 19247
21867,	21868,	26262,	26265,	\includepdf . . . . . 20148
21875,	21883,	26272,	26433,	\indentedwidth . . . 11564
21890,	21896,	26441,	26480,	\index . . . . . 6460,
21918,	21934,	26527,	26792,	6461, 15777, 26803
21941,	21949,	26793, 26795, 26796		\indexname . . . . 598,
21957,	21969,	\ifXC@tst . 25999, 26048		599, 600, 614,
21976,	21991,	\ignorespaces . . . 46,		615, 863, 864,
21992,	21996,	60, 76, 122, 249,		1115, 1116, 8476,
21997,	22005,	263, 278, 336,		8477, 9121, 9122,
22006,	22010,	630, 639, 937,		9298, 9299, 9508,
22011,	22020,	1189, 1198, 1884,		9509, 9510, 20679,
22021,	22025,	2099, 2103, 2108,		20680, 20934,
22026,	22034,	2120, 2130, 2158,		20935, 21393,
22087,	22507,	2175, 2192, 2208,		21394, 21395,
22543,	22550,	2224, 2240, 2600,		24390, 24391,
22607,	22608,	6032, 6522, 6538,		24392, 24396,
22615,	22623,	6540, 6546, 6549,		24397, 24398,
22630,	22636,	6552, 6556, 6561,		24401, 24402,
22658,	22674,	7457, 7464, 7465,		24408, 24409,
22681,	22689,	7474, 8061, 8079,		24413, 24414,
22697,	22709,	8097, 8133, 8162,		24415, 24418, 24419
22716,	22731,	8191, 8456, 8880,		\indexspace . . . . . 8492
22732,	22736,	8891, 9044, 9045,		\init@mult@footins 15359
22737,	22745,	9192, 9380, 9750,		\input . . . . 4071, 4072,
22746,	22750,	9756, 9869, 9875,		4186, 4281, 4357,
22751,	22760,	9883, 9890, 11551,		4824, 8690, 8755,
22761,	22765,	11565, 11631,		26863, 26873,
22766,	22774,	11637, 11643,		26874, 26875,
22847,	23280,	16049, 16066,		26876, 26877,
23316,	23323,	16082, 16110,		26878, 26879,
23380,	23381,	16125, 16140,		26880, 26881,
23388,	23396,	16822, 16826,		26882, 26883,
23403,	23409,	16831, 16836,		26884, 26885,
23431,	23447,	17882, 17901,		26886, 26887,
23454,	23462,	18651, 19454,		26888, 26889,
23470,	23482,	19461, 20695,		26890, 26891,
23489,	23504,	20704, 21145,		26892, 26893,
23505,	23509,	21154, 21680,		26894, 26895,
23510,	23518,	21690, 21708,		26896, 26897,
23519,	23523,	22226, 22228,		26898, 26899,
23524,	23533,	22987, 22989,		26901, 26902,
23534,	23538,	23752, 23754,		26906, 26912,
23539,	23547,	26007, 26011,		26919, 26920,
23612,	24104,	26254, 26293,		26921, 26922,
24323,	24665,	26302, 26311, 26320		26923, 26924,
25018,	25024,	\iii . . . . . 6582		26925, 26926,
25070,	25074,	\ilg . . . . . 20290, 20313		26927, 26928,
25078,	25185,	\immediate . . . 7045, 9036		26929, 26930,
25525,	25596,	\in@ . . . . . 6908		26931, 26932,
25608,	25616,	\includegraphics . .		26933, 26934,
25633,	25658,	. . . 5012, 10551,		26935, 26936,
25725,	25730,	10682, 20084, 20157		26937, 26938,



26939,	26940,	11678,	11694,	3292, 3310, 3312, 3389
26941,	26942,	11709,	11907,	\insertframesubtitle
26943,	26944,	12091,	12143,	..... 3464,
26945,	26946,	12170,	12390,	3465, 3611, 3612,
26947,	26948,	12440,	12465,	3707, 3710, 3802, 3805
26949,	26950,	12677,	12729,	\insertframetitle .
26951,	26952,	12756,	12976,	..... 3463,
26953,	26954,	13028,	13055,	3610, 3706, 3801
26955,	26956,	13275,	13327,	\insertgotosymbol . 2611
26957,	26958,	13354,	13574,	\insertinstitute ..
26959,	26960,	13626,	13653,	... 2923, 2978, 2981
26961,	26962,	13873,	13925,	\insertinstituteindicator
26963,	26964,	13952,	14172,	..... 2980
26966,	26967,	14224,	14251,	\insertlogo ..... 3493
26968,	26969,	14471,	14523,	\insertnavigation .
26970,	26971,	14550,	14966,	..... 3416, 3675
26994,	26995,	15021,	15051,	\insertnote ..... 3254
26996,	26997,	15335,	15343,	\insertpenalties ..
26998,	26999,	16036,	16053,	..... 16000, 16619
27000,	27001,	16069, 16589, 16591		\insertreturnsymbol 2654
27002,	27003,	\insert@column ....		\insertsection 3220, 3227
27004,	27005,	.... 1410, 1411,		\insertsectionhead
27006,	27007,	1412, 1413, 1415,		..... 3059,
27008,	27009,	1416, 1476, 1478,		3369, 3771, 3854, 3862
27010,	27011,	1479, 1481, 1482,		\insertshortauthor
27012,	27013,	1483, 9830, 9832,		... 3339, 3542, 3566
27014,	27015,	9833, 9835, 9836, 9837		\insertshortdate .. 3347
27016,	27017,	\insertauthor .....		\insertshortframetitle
27018,	27019,	... 2917, 2972, 2975		..... 3237, 3243
27020,	27021,	\insertauthorindicator		\insertshortinstitute
27022,	27023,	..... 2974		..... 3339
27024,	27025,	\insertblocktitle .		\insertshorttitle .
27026,	27027,	1725, 1734, 1743,		.... 3219, 3342,
27028,	27029,	2765, 2780, 2795,		3534, 3573, 3761, 3843
27030,	27031,	2996, 3008, 3020, 3120		\insertskipsymbol . 2634
27032,	27033,	\insertbuttontext . 2815		\insertslideintonotes
27034,	27035,	\insertcaption .... 2752		..... 3196
27036,	27037,	\insertcaptionname 2749		\insertsubenumlabel 1627
27038,	27039,	\insertdate .....		\insertsubsection .
27040,	27041,	... 2929, 2984, 2987		..... 3229, 3235
27042,	27043,	\insertdateindicator		\insertsubsectionhead
27044,	27045,	..... 2986		..... 3062,
27046, 27047, 27048		\insertenumlabel ..		3065, 3376, 3428,
\input@path .....	18937	..... 1604, 1669		3685, 3781, 3873, 3881
\InputIfFileExists		\insertfootnotemark		\insertsubsubenumlabel
.. 6607, 6616, 17948		..... 2136,		..... 1648
\insert .....	35,	2141, 2723, 2730,		\insertsubtitle ...
49, 65, 238, 252,		2737, 3140, 3146, 3152		... 2901, 2969, 3046
267, 4021, 4308,		\insertfootnotetext		\inserttitle .....
10699, 10715,		..... 2135,		... 2895, 2968, 3039
10720, 10736,		2140, 2723, 2730,		\inserttitlegraphic 2912
10783, 10789,		2737, 3140, 3146, 3152		\inserttitleindicator
10835, 10841,		\insertframenummer		..... 2967
11647, 11663,		3074, 3282, 3288,		



<code>\inserttocsection .</code>	24651, 24686,	8314, 8321, 8328,
..... 1538,	25069, 25599,	8335, 8639, 8640, 8641
1578, 1697, 2963	25713, 25894, 26411	
<code>\inserttocsectionnumber</code>	<code>\intermath@penalty</code> 9749	J
... 1535, 1572, 1694	<code>\intertextsep .</code> 25954, 25956	<code>\j</code> ..... 6596, 6597, 6601
<code>\inserttocsubsection</code>	<code>\InTheoType</code> .....	<code>\jua@ht</code> ..... 19509,
..... 1541,	.. 11055, 20044,	19516, 19609,
1583, 1705, 2693	20046, 20065, 20067	19616, 19685, 19692
<code>\inserttocsubsubsection</code>	<code>\ior . .</code> 19020, 19021, 19025	<code>\jua@pr</code> ..... 19492,
..... 1546,	<code>\isempty . .</code> 7306, 7904,	19522, 19592, 19622
1590, 1712, 2697	8111, 8116, 8140,	<code>\jua@sar</code> ..... 19491,
<code>\inserttotalframenumbers</code>	8145, 8169, 8174,	19521, 19563,
.... 3074, 3273,	8562, 8571, 8579, 8606	19591, 19621, 19660
3279, 3282, 3298,	<code>\isodd</code> ..... 21604, 21649	<code>\jua@sk .</code> 19490, 19520,
3301, 3318, 3321, 3389	<code>\isSC@ODD</code> .... 23995,	19563, 19590,
<code>\insertverticalnavigation</code>	23996, 23998,	19620, 19660, 19693
..... 3545	23999, 26974,	<code>\justifying</code> .... 7213,
<code>\insertvrule</code> .....	26976, 26978, 26980	7283, 7853, 20610
... 1929, 3191, 3249	<code>\isundefined</code> ... 7516,	<code>\JustifyingParfillskip</code>
<code>\int</code> .... 18970, 19017,	7565, 10549,	..... 20616
19018, 19022,	10555, 10572,	<code>\JustifyingParindent</code>
19100, 19188,	10575, 10576,	..... 7185,
19191, 19192,	10577, 10578,	7856, 8415, 20617
19203, 19241,	10579, 10670,	
19279, 19304, 20120	10673, 10674,	K
<code>\interfootnotelinepenalty</code>	10675, 10676,	<code>\keepthetitle</code> .... 19313
.. 39, 53, 69, 242,	10677, 10680, 10684	<code>\kern</code> ..... 27, 29, 30,
256, 271, 11875,		31, 231, 233, 234,
16040, 16057, 16073	<code>\item</code> ..... 102,	235, 336, 539, 541,
<code>\interlinepenalty</code> 39,	222, 603, 618, 867,	543, 545, 723, 724,
53, 69, 242, 256,	950, 1119, 8448,	726, 729, 730, 732,
271, 558, 622, 647,	8456, 8461, 8482,	744, 959, 961, 964,
874, 929, 1123,	9125, 9302, 9513,	966, 996, 1203,
1130, 8368, 9129,	15674, 15689,	1204, 1206, 1209,
9136, 9306, 9313,	17826, 20683,	1210, 1212, 1246,
9477, 9672, 9680,	20938, 21398, 24425	1474, 1479, 1536,
10402, 10414,	<code>\itemindent</code> .... 8443,	1578, 1583, 1590,
10427, 11234,	8444, 8452, 26216	1696, 1704, 1711,
11247, 11504,	<code>\itemize</code> ..... 2473	2574, 2823, 2865,
11513, 11875,	<code>\itemsep</code> ..... 2522,	4534, 4535, 4536,
15408, 15416,	7179, 8389, 8428, 8442	4537, 4538, 4539,
16040, 16057,	<code>\itemx</code> ..... 19901	4540, 4541, 4545,
16073, 19713,	<code>\itemxox</code> ..... 19936	4546, 4593, 4595,
19725, 19737,	<code>\itemxoxx</code> ..... 19946	4596, 7655, 7656,
20565, 20687,	<code>\itemxxx</code> ..... 19904	7666, 7667, 7669,
20712, 21084,	<code>\itemxxo</code> ..... 19941	8134, 8135, 8163,
21137, 21199,	<code>\itemxxox</code> ..... 19953	8164, 8192, 8193,
21554, 21562,	<code>\itemxxx</code> ..... 19909	9213, 9214, 9216,
24280, 24321,	<code>\itemxxxo</code> ..... 19960	9219, 9220, 9222,
24455, 24486,	<code>\itemxxxx</code> ..... 19916	9243, 9366, 9367,
24509, 24526,	<code>\itemxxxxx</code> ..... 19925	9369, 9372, 9373,
24543, 24560,	<code>\itshape</code> .. 4511, 4984,	9375, 9420, 9643,
24577, 24594,	8252, 8254, 8258,	9645, 9647, 9649,
24612, 24631,	8265, 8272, 8307,	9828, 9833, 9855,





19159, 19171,	\L@novskip . . . . .	\labelitemi . 743, 995,
19172, 19218,	. 17929, 17998, 18002	1058, 1245, 9242,
19228, 19234,	\L@oversize . . . . .	9419, 20814, 20953
19246, 19247,	. 17923, 17979, 17984	\labelname . . . 19902,
19266, 19267,	\l@paragraph 24553, 25694	19905, 19907,
19268, 19269,	\L@parshape . . . . .	19910, 19912,
19270, 19271,	. . 18027, 18029,	19914, 19917,
19272, 19273,	18034, 18036,	19919, 19921,
19274, 19309,	18042, 18044, 18047	19923, 19926,
19310, 20036,	\l@part . . . . . 507,	19928, 19930,
20122, 20124, 20133	659, 677, 903,	19932, 19934,
\l@ . . . . . 24696	921, 1142, 1160,	19937, 19939,
\l@addto@macro . . .	9148, 9164, 9325,	19942, 19944,
. 21745, 22484, 23257	9341, 9612, 11213,	19947, 19949,
\L@ante 17925, 18014, 18048	11468, 15370,	19951, 19954,
\l@chapter 9172, 9186,	20724, 20740,	19956, 19958,
9349, 9363, 9627,	21096, 21112,	19961, 19963, 19965
15385, 20748,	21312, 21496,	\labelsep . . . . 85, 90,
20762, 21120,	24342, 24343,	288, 293, 577, 712,
21134, 21326,	24431, 25670, 25673	975, 1225, 2500,
21511, 24345,	\L@Pindent . . . 18012,	2521, 5023, 5025,
24346, 24478, 25678	18013, 18015,	8405, 8407, 8464,
\l@color . . . 17953, 17954	18016, 18018,	9202, 9390, 9699,
\l@figure . . . . . 8376,	18019, 18022, 18029	11261, 11532,
8377, 24587, 25706	\L@raise . . . 17924, 17989	15436, 17808,
\L@Findent . . . . .	\L@realhfalse . . . . 17932	17813, 19902,
. 17926, 18016, 18049	\L@realhtrue . . . . 17932	19905, 19907,
\L@first 17988, 17990,	\l@refstring . . . . 17919	19910, 19912,
17992, 17994,	\l@section . . . . .	19914, 19917,
17998, 18004,	524, 685, 698, 887,	19919, 19921,
18006, 18008,	900, 1169, 1182,	19923, 19926,
18010, 18014,	11199, 24497, 25682	19928, 19930,
18015, 18017,	\L@slope . . . . .	19932, 19934,
18018, 18027, 18029	. 17928, 18038, 18039	19937, 19939,
\L@gridfalse . . . . 17931	\l@subfigure . . . . 24624	19942, 19944,
\L@gridtrue . . . . . 17931	\l@subparagraph . . .	19947, 19949,
\L@hang . . . . 17922, 18013	. . . . . 24570, 25698	19951, 19954,
\L@imagefalse . . . . 17930	\l@subsection 24519, 25686	19956, 19958,
\L@imagetrue . . . . . 17930	\l@subsubsection . .	19961, 19963,
\l@initial . . . . . 17919	. . . . . 24536, 25690	19965, 20783,
\L@lbox . 17967, 17974,	\l@subtable . . . . . 24644	21177, 21371,
17975, 17976,	\l@table 8377, 24605, 25702	21574, 22106,
18012, 18013, 18048	\L@target@dp . . . . 17995	22867, 23632, 24360
\l@L@Keys . . . . 17958,	\L@target@tht . . . .	\labelwidth . . . 89, 90,
17960, 17965, 17970	. 17981, 17989, 17994	292, 293, 575, 576,
\L@lraise . . . . 17989,	\L@tbox . 17934, 17942,	710, 711, 973, 974,
17990, 17995, 18048	17987, 17992, 18050	1223, 1224, 2508,
\L@next . 18020, 18021,	\l@textcolor 17955, 17956	2519, 2520, 5022,
18034, 18036, 18039	\label 5008, 7335, 7337,	5024, 8406, 8407,
\l@ngrel@x 5655, 5656, 5658	7339, 7343, 7395,	9200, 9201, 9388,
\L@Nindent . . . 17927,	15776, 16211,	9389, 9697, 9698,
18019, 18021,	16217, 16930,	11259, 11260,
18023, 18036, 18038	16948, 22159,	11530, 11531,
	22920, 23685, 26802	15434, 15435,



16434,	17812,	9157, 9257, 9267,	24044,	24336,
17813,	19902,	9334, 9434, 9444,	25609, 25718, 26416	
19905,	19907,	9530, 9536, 9601,		
19910,	19912,	9607, 9621, 10544,	\leavevmode . . 14, 209,	
19914,	19917,	10546,	305, 378, 515, 532,	
19919,	19921,	10639,	653, 667, 692, 744,	
19923,	19926,	11291,	881, 894, 911, 996,	
19928,	19930,	11356,	1059, 1136, 1150,	
19932,	19934,	11386,	1176, 1246, 1527,	
19937,	19939,	11457,	1541, 1544, 1563,	
19942,	19944,	11476,	1581, 1586, 1685,	
19947,	19949,	15379,	1703, 1709, 1846,	
19951,	19954,	15458,	2103, 2113, 2128,	
19956,	19958,	15523,	2515, 2693, 2696,	
19961,	19963,	20733,	2746, 2773, 2788,	
19965,	20781,	20839,	2803, 2962, 2995,	
20782,	21175,	20920,	3007, 3019, 3336,	
21176,	21369,	20978,	3362, 3561, 3599,	
21370,	21572,	21066,	3609, 4645, 4953,	
21573,	22104,	21070,	5441, 5495, 5552,	
22105,	22865,	21075,	8028, 8369, 8837,	
22866,	23630,	21227,	8913, 9142, 9156,	
23631, 24358, 24359		21320,	9179, 9243, 9319,	
\landscape . 18626, 20140		21420,	9333, 9356, 9420,	
\langle . . . . . 4512		21485,	9620, 9635, 9715,	
\Larg . . . . . 4511,		21491,	9716, 9854, 9906,	
4512, 4513, 4514, 4515		21505,	11207, 11221,	
\Larga . . . . . 4512		24993, 25425, 25463	11475, 12201,	
\Largb . . . . . 4513		\Largr . . . . . 4515	12494, 12787,	
\LARGE . . . . . 423, 494,		\Largs . . . . . 4514	13086, 13385,	
751, 841, 1003,		\lastbox 10189, 14722,	13684, 13983,	
1093, 1253, 1344,		14742, 14746,	14282, 14581,	
1355, 8307, 8314,		18693, 20396,	15378, 15393,	
8396, 8639, 9250,		26069, 26121, 26131	15674, 15689,	
9427, 9528, 9599,		\LastFrameCommand .	16143, 16708,	
10634, 11289,		. . . . . 16296, 16406	16754, 16774,	
11354, 11384,		\lastkern . . . 8040, 16381	17564, 17601,	
11455, 15456,		\lastpenalty . 9747, 25518	17633, 17842,	
15521, 20822,		\lastrule . . . . . 9794	17861, 18688,	
20912, 20961,		\lastskip . . . . . 7473,	19714, 19726,	
21058, 21069,		9075, 9076, 9746	19738, 20395,	
21225, 21412, 21483		\LastTOCLevelWasHigher	20476, 20481,	
\Large . . . . . 561,		. . . . . 25395	20527, 20568,	
8258, 8321, 8395,		\LastTOCLevelWasLower	20718, 20732,	
8640, 8641, 10545,		. . . . . 25391	20755, 20815,	
10638, 11237, 21301		\LastTOCLevelWasSame	20954, 21090,	
\large . . . . . 425, 431,		. . . . . 25393	21104, 21127,	
496, 502, 516, 668,		\LaTeX . . . . . 17706,	21319, 21334,	
758, 768, 843, 849,		26155, 26156, 26168	21504, 21519,	
912, 1010, 1020,		\LaTeXe . . . . . 26157, 26158	21812, 22552,	
1095, 1101, 1151,		\LBEG . . . . . 4516	23325, 24011,	
1260, 1270, 1346,		\lcb . 4513, 4516, 4517, 4520	24062, 24286,	
1352, 1356, 1361,		\lccode . . . . . 6223,	24309, 24456,	
8265, 8328, 8394,		6225, 25920, 25921	24487, 24510,	
		\Lcs . . . . . 4527	24527, 24544,	
		\LcsStar . . . . . 4528		
		\leaders . . . . . 21812,		
		22552, 23325,		



24561,	24578,	20565,	20782,	12007,	15253,
24595,	24613,	20783,	21176,	15376,	15391,
24632,	24652,	21177,	21370,	15394,	15395,
24687,	24880,	21371,	21573,	17859,	17860,
24992,	25083,	21574,	21750,	18675,	19347,
25600,	25714,	22105,	22106,	19348,	19711,
25963,	26160,	22489,	22866,	19715,	19716,
26165,	26167,	22867,	23262,	19723,	19728,
26175,	26182,	23631,	23632,	19735,	19740,
26256,	26362, 26412	24359,	24360,	20576,	20578,
\left .	26176, 26183, 26189	26226,	26229,	20589,	20591,
\left@footnoterule		26239,	26243,	20602,	20604,
...	30, 234, 415,	26251,	26288,	20613,	20615,
	538, 722, 739, 958,	26290,	26291,	20689,	20702,
	991, 1202, 1241,	26292,	26297,	20713,	20714,
	2196, 2228, 9212,	26299,	26300,	20719,	20730,
	9238, 9365, 9415,	26301,	26306,	20753,	20756,
	9520, 9642, 11271,	26308,	26309,	20757,	21085,
	11283, 11376,	26310,	26315,	21086,	21091,
	11570, 15420,	26317, 26318, 26319		21102,	21125,
	15450, 15955,	\leftmargini ...	7176,	21128,	21129,
	15961, 15974,	8386, 8399, 8406		21139,	21152,
	15976, 16113,	\leftmarginii .....	8400	21201,	21317,
	16128, 17839,	\leftmarginiii ....	8401	21332,	21335,
	17909, 18630,	\leftmarginiv .....	8402	21336,	21341,
	18632, 20764,	\leftmarginv .....	8403	21342,	21502,
	20810, 20947,	\leftmarginvi .....	8404	21517,	21520,
	21187, 21207,	\leftmarginwidth .	21341	21521,	21742,
	21344, 21404,	\leftmark .....	8736	22481,	23254,
	21526, 21800,	\leftskip ....	12, 13,	24278,	24290,
	21859, 22540,	207, 208, 305, 309,		24307,	24328,
	22599, 23313, 23372	513, 530, 533, 534,		24330,	24335,
\leftfootnoterule .		624, 637, 648, 649,		24339,	24340,
.....	4107,	654, 665, 690, 693,		24451,	24452,
	10691, 11619,	694, 875, 876, 882,		24453,	24461,
	15959, 15962,	892, 895, 896, 909,		24482,	24483,
	16203, 16679, 26866	931, 1125, 1131,		24484,	24492,
\leftline ....	20491,	1132, 1137, 1148,		24505,	24506,
	26334, 26340, 26342	1174, 1177, 1178,		24507,	24515,
\leftlinenumbers ..		1196, 1872, 1873,		24522,	24523,
.....	18083, 18086	1877, 2676, 2682,		24524,	24532,
\leftmargin .....	90,	3170, 3172, 8363,		24539,	24540,
	293, 576, 577, 711,	8371, 8372, 8943,		24541,	24549,
	712, 947, 974,	9131, 9137, 9138,		24556,	24557,
	975, 1224, 1225,	9143, 9154, 9177,		24558,	24566,
	2508, 2520, 2521,	9180, 9181, 9308,		24573,	24574,
	5024, 5025, 7176,	9314, 9315, 9320,		24575,	24583,
	8386, 8445, 8446,	9331, 9354, 9357,		24590,	24591,
	8453, 8459, 9201,	9358, 9618, 9633,		24592,	24600,
	9202, 9389, 9390,	9636, 9637, 9769,		24608,	24609,
	9698, 9699, 11260,	9770, 9771, 9897,		24610,	24618,
	11261, 11531,	9898, 9904, 11205,		24627,	24628,
	11532, 15435,	11208, 11209,		24629,	24637,
	15436, 17813,	11219, 11473,		24647,	24648,



24649, 24657,  
 24682, 24683,  
 24684, 24692,  
 24732, 24733,  
 24734, 25531,  
 25593, 25594,  
 25595, 25601,  
 25604, 25651,  
 25711, 25716,  
 25739, 25746,  
 26115, 26116,  
 26323, 26349,  
 26350, 26409, 26414  
 \LEND ..... 4517  
 \leqno .... 328, 20487,  
 20489, 26857, 26859  
 \let ..... 86, 102,  
 115, 152, 153, 156,  
 157, 160, 161, 164,  
 222, 289, 319, 327,  
 328, 347, 379, 380,  
 383, 400, 404, 408,  
 413, 414, 415, 416,  
 417, 418, 419, 437,  
 438, 439, 440, 441,  
 442, 443, 444, 445,  
 446, 447, 448, 472,  
 473, 474, 475, 476,  
 477, 478, 479, 480,  
 481, 482, 483, 484,  
 491, 492, 493, 580,  
 603, 618, 715, 737,  
 738, 739, 740, 741,  
 779, 780, 781, 782,  
 783, 784, 785, 786,  
 787, 788, 823, 824,  
 825, 826, 827, 828,  
 829, 830, 831, 832,  
 833, 840, 867, 978,  
 989, 990, 991, 992,  
 993, 1031, 1032,  
 1033, 1034, 1035,  
 1036, 1037, 1038,  
 1039, 1040, 1075,  
 1076, 1077, 1078,  
 1079, 1080, 1081,  
 1082, 1083, 1084,  
 1085, 1092, 1119,  
 1228, 1239, 1240,  
 1241, 1242, 1243,  
 1281, 1282, 1283,  
 1284, 1285, 1286,  
 1287, 1288, 1289,  
 1290, 1325, 1326,

1327, 1328, 1329,  
 1330, 1331, 1332,  
 1333, 1334, 1335,  
 1343, 1369, 1370,  
 1374, 1390, 1391,  
 1392, 1428, 1429,  
 1430, 1455, 1456,  
 1457, 1458, 1463,  
 1498, 1499, 1750,  
 2053, 2054, 2077,  
 2095, 2196, 2212,  
 2228, 2243, 2244,  
 2245, 2252, 2253,  
 2254, 2255, 2256,  
 2261, 2262, 2278,  
 2279, 2280, 2281,  
 2282, 2287, 2288,  
 2304, 2305, 2306,  
 2307, 2308, 2313,  
 2314, 2508, 2526,  
 2528, 4010, 4012,  
 4014, 4144, 4145,  
 4152, 4241, 4297,  
 4299, 4301, 4333,  
 4406, 4407, 4408,  
 4409, 4410, 4411,  
 4412, 4413, 4414,  
 4415, 4416, 4600,  
 4601, 4602, 4629,  
 4646, 4647, 4648,  
 4649, 4650, 4651,  
 4652, 4653, 4654,  
 4656, 4657, 4658,  
 4768, 4769, 4770,  
 4771, 4772, 4773,  
 4774, 4775, 4776,  
 5028, 5037, 5110,  
 5128, 5152, 5171,  
 5176, 5201, 5202,  
 5209, 5210, 5213,  
 5214, 5217, 5218,  
 5224, 5225, 5228,  
 5229, 5232, 5233,  
 5236, 5237, 5271,  
 5404, 5407, 5421,  
 5656, 5678, 5700,  
 5701, 5831, 5911,  
 5913, 5916, 5917,  
 5918, 5919, 5920,  
 5975, 6013, 6020,  
 6028, 6039, 6045,  
 6053, 6056, 6059,  
 6069, 6073, 6075,  
 6140, 6141, 6146,

6253, 6256, 6287,  
 6373, 6380, 6383,  
 6393, 6403, 6414,  
 6481, 6491, 6493,  
 6527, 6538, 6629,  
 6645, 6665, 6680,  
 6696, 6789, 6810,  
 6811, 6827, 6870,  
 6873, 6875, 6880,  
 6894, 6902, 6903,  
 6923, 6924, 6951,  
 6962, 6967, 6971,  
 6973, 6976, 6986,  
 6997, 7024, 7035,  
 7044, 7093, 7098,  
 7114, 7115, 7116,  
 7117, 7119, 7120,  
 7121, 7122, 7168,  
 7298, 7299, 7336,  
 7337, 7343, 7345,  
 7349, 7394, 7395,  
 7477, 7479, 7481,  
 7627, 7628, 7641,  
 7645, 7647, 7648,  
 7654, 7658, 7662,  
 7671, 7915, 7916,  
 7934, 7935, 7953,  
 7954, 7981, 7982,  
 8010, 8011, 8012,  
 8109, 8130, 8131,  
 8132, 8138, 8159,  
 8160, 8161, 8167,  
 8188, 8189, 8190,  
 8206, 8210, 8211,  
 8212, 8215, 8219,  
 8220, 8221, 8224,  
 8228, 8229, 8230,  
 8377, 8441, 8482,  
 8569, 8636, 8637,  
 8638, 8828, 8829,  
 8831, 8832, 8850,  
 8871, 8872, 8873,  
 8874, 8875, 8876,  
 8877, 8878, 8879,  
 8882, 8883, 8884,  
 8885, 8886, 8887,  
 8888, 8889, 8890,  
 8951, 8969, 9020,  
 9026, 9047, 9060,  
 9070, 9084, 9088,  
 9089, 9090, 9091,  
 9092, 9093, 9094,  
 9095, 9096, 9102,  
 9103, 9104, 9105,



9106, 9107, 9108,	11305,	11306,	12082,	12083,
9109, 9110, 9125,	11307,	11308,	12086,	12088,
9205, 9236, 9237,	11309,	11310,	12344,	12345,
9238, 9239, 9240,	11311,	11312,	12346,	12350,
9278, 9279, 9280,	11336,	11337,	12354,	12355,
9281, 9282, 9283,	11338,	11339,	12356,	12357,
9284, 9285, 9286,	11340,	11341,	12360,	12362,
9287, 9302, 9393,	11342,	11343,	12369,	12370,
9413, 9414, 9415,	11344,	11345,	12371,	12375,
9416, 9417, 9455,	11346,	11353,	12379,	12380,
9456, 9457, 9458,	11374,	11375,	12381,	12382,
9459, 9460, 9461,	11376,	11377,	12385,	12387,
9462, 9463, 9464,	11378,	11379,	12631,	12632,
9513, 9518, 9519,	11380,	11398,	12633,	12637,
9520, 9521, 9522,	11399,	11400,	12641,	12642,
9523, 9524, 9542,	11401,	11402,	12643,	12644,
9543, 9544, 9545,	11403,	11404,	12647,	12649,
9546, 9547, 9548,	11405,	11406,	12656,	12657,
9549, 9550, 9551,	11407,	11408,	12658,	12662,
9552, 9553, 9577,	11409,	11433,	12666,	12667,
9578, 9579, 9580,	11434,	11435,	12668,	12669,
9581, 9582, 9583,	11436,	11437,	12672,	12674,
9584, 9585, 9586,	11438,	11439,	12930,	12931,
9587, 9588, 9589,	11440,	11441,	12932,	12936,
9596, 9597, 9598,	11442,	11443,	12940,	12941,
9702, 9726, 9728,	11444,	11445,	12942,	12943,
9731, 9732, 9733,	11452,	11453,	12946,	12948,
9739, 9744, 9764,	11454,	11535,	12955,	12956,
9776, 9777, 9778,	11587,	11588,	12957,	12961,
9780, 9781, 9787,	11589,	11590,	12965,	12966,
9788, 9789, 9790,	11591,	11592,	12967,	12968,
9810, 9819, 9860,	11601,	11602,	12971,	12973,
9866, 9887, 10059,	11603,	11604,	13229,	13230,
10062, 10063,	11605,	11606,	13231,	13235,
10122, 10125,	11607,	11608,	13239,	13240,
10126, 10689,	11609,	11610,	13241,	13242,
10690, 10691,	11611,	11612,	13245,	13247,
10692, 10693,	11617,	11618,	13254,	13255,
10696, 10697,	11619,	11620,	13256,	13260,
10699, 10717,	11621,	11784,	13264,	13265,
10718, 10720,	11785,	11786,	13266,	13267,
10738, 10739,	11787,	11788,	13270,	13272,
10743, 10778,	11789,	11792,	13528,	13529,
10780, 10792,	11793,	11794,	13530,	13534,
10795, 10796,	11795,	11796,	13538,	13539,
10800, 10830,	11797,	11801,	13540,	13541,
10832, 10844,	12045,	12046,	13544,	13546,
10847, 10848,	12047,	12051,	13553,	13554,
10895, 10919,	12055,	12056,	13555,	13559,
10927, 10935,	12057,	12058,	13563,	13564,
11264, 11281,	12061,	12063,	13565,	13566,
11282, 11283,	12070,	12071,	13569,	13571,
11284, 11285,	12072,	12076,	13827,	13828,
11303, 11304,	12080,	12081,	13829,	13833,



13837,	13838,	15004,	15022,	16856,	17187,
13839,	13840,	15038,	15052,	17188,	17189,
13843,	13845,	15068,	15107,	17230,	17231,
13852,	13853,	15137,	15151,	17232,	17274,
13854,	13858,	15166,	15180,	17275,	17276,
13862,	13863,	15195,	15232,	17289,	17290,
13864,	13865,	15260,	15326,	17291,	17304,
13868,	13870,	15356,	15439,	17305,	17306,
14126,	14127,	15448,	15449,	17312,	17314,
14128,	14132,	15450,	15451,	17315,	17316,
14136,	14137,	15452,	15470,	17317,	17318,
14138,	14139,	15471,	15472,	17319,	17320,
14142,	14144,	15473,	15474,	17329,	17365,
14151,	14152,	15475,	15476,	17403,	17436,
14153,	14157,	15477,	15478,	17467,	17498,
14161,	14162,	15479,	15503,	17504,	17506,
14163,	14164,	15504,	15505,	17507,	17508,
14167,	14169,	15506,	15507,	17509,	17510,
14425,	14426,	15508,	15509,	17511,	17512,
14427,	14431,	15510,	15511,	17513,	17525,
14435,	14436,	15512,	15513,	17528,	17531,
14437,	14438,	15520,	15576,	17534,	17701,
14441,	14443,	15603,	15606,	17702,	17703,
14450,	14451,	15607,	15639,	17704,	17719,
14452,	14456,	15642,	15643,	17730,	17809,
14460,	14461,	15725,	15726,	17826,	17875,
14462,	14463,	15728,	15729,	17919,	17954,
14466,	14468,	15732,	15733,	17964,	17969,
14751,	14762,	15762,	15764,	18178,	18190,
14763,	14764,	15766,	15776,	18501,	18502,
14767,	14770,	15777,	15778,	18503,	18505,
14771,	14776,	15784,	15788,	18507,	18511,
14777,	14778,	15791,	15794,	18513,	18515,
14779,	14780,	15796,	15799,	18516,	18518,
14784,	14785,	15800,	15934,	18519,	18520,
14815,	14816,	15962,	15988,	18524,	18530,
14817,	14820,	15989,	16098,	18542,	18567,
14823,	14824,	16113,	16128,	18575,	18576,
14829,	14830,	16155,	16156,	18577,	18630,
14831,	14832,	16157,	16158,	18631,	18667,
14833,	14837,	16192,	16274,	18668,	18669,
14838,	14868,	16280,	16285,	18670,	18671,
14870,	14872,	16420,	16421,	18679,	18726,
14873,	14876,	16422,	16423,	18727,	18728,
14879,	14880,	16475,	16478,	19315,	19316,
14882,	14884,	16479,	16524,	19317,	19318,
14886,	14887,	16527,	16528,	19319,	19320,
14890,	14919,	16664,	16679,	19321,	19322,
14921,	14923,	16680,	16681,	19323,	19379,
14924,	14927,	16682,	16683,	19382,	19383,
14930,	14931,	16777,	16811,	19385,	19386,
14933,	14935,	16813,	16841,	19483,	19486,
14937,	14938,	16843,	16848,	19487,	19583,
14941,	14973,	16850,	16854,	19586,	19587,



19819,	19822,	21038,	21039,	21986,	22035,
19849,	19850,	21040,	21041,	22040,	22041,
19854,	19855,	21042,	21043,	22042,	22043,
19859,	19860,	21044,	21045,	22044,	22045,
19983,	19984,	21046,	21047,	22046,	22047,
19985,	20101,	21055,	21056,	22048,	22049,
20102,	20103,	21057,	21180,	22050,	22051,
20104,	20105,	21205,	21206,	22052,	22053,
20107,	20151,	21207,	21208,	22054,	22055,
20156,	20170,	21209,	21210,	22056,	22057,
20202,	20397,	21211,	21239,	22058,	22059,
20401,	20446,	21240,	21241,	22060,	22061,
20447,	20448,	21242,	21243,	22062,	22063,
20449,	20452,	21244,	21245,	22064,	22065,
20453,	20455,	21246,	21247,	22066,	22067,
20460,	20483,	21248,	21249,	22069,	22117,
20484,	20485,	21250,	21279,	22142,	22143,
20486,	20487,	21280,	21281,	22158,	22159,
20552,	20569,	21282,	21283,	22160,	22161,
20573,	20575,	21284,	21285,	22162,	22163,
20586,	20588,	21286,	21287,	22248,	22334,
20599,	20601,	21288,	21289,	22336,	22342,
20611,	20612,	21290,	21291,	22344,	22458,
20623,	20624,	21297,	21298,	22459,	22460,
20625,	20626,	21299,	21374,	22575,	22595,
20627,	20640,	21398,	21402,	22597,	22598,
20646,	20658,	21403,	21404,	22599,	22600,
20666,	20667,	21405,	21406,	22601,	22602,
20683,	20786,	21407,	21408,	22603,	22605,
20808,	20809,	21426,	21427,	22652,	22671,
20810,	20811,	21428,	21429,	22694,	22724,
20812,	20850,	21430,	21431,	22726,	22775,
20851,	20852,	21432,	21433,	22780,	22781,
20853,	20854,	21434,	21435,	22782,	22783,
20855,	20856,	21436,	21437,	22784,	22785,
20857,	20858,	21461,	21462,	22786,	22787,
20859,	20894,	21463,	21464,	22788,	22789,
20895,	20896,	21465,	21466,	22790,	22791,
20897,	20898,	21467,	21468,	22792,	22793,
20899,	20900,	21469,	21470,	22794,	22795,
20901,	20902,	21471,	21472,	22796,	22797,
20903,	20904,	21473,	21480,	22798,	22799,
20911,	20938,	21481,	21482,	22800,	22801,
20945,	20946,	21577,	21602,	22802,	22803,
20947,	20948,	21629,	21630,	22804,	22805,
20949,	20950,	21647,	21719,	22806,	22807,
20951,	20989,	21720,	21721,	22809,	22878,
20990,	20991,	21835,	21855,	22903,	22904,
20992,	20993,	21857,	21858,	22919,	22920,
20994,	20995,	21859,	21860,	22921,	22922,
20996,	20997,	21861,	21862,	22923,	22924,
20998,	20999,	21863,	21865,	23009,	23096,
21000,	21035,	21912,	21931,	23098,	23104,
21036,	21037,	21954,	21984,	23106,	23231,



23232,	23233,	24336,	24342,	26390,	26391,
23348,	23368,	24345,	24363,	26429,	26481,
23370,	23371,	24425,	24429,	26484,	26485,
23372,	23373,	24458,	24459,	26528,	26531,
23374,	23375,	24460,	24489,	26532,	26762,
23376,	23378,	24490,	24491,	26764,	26767,
23425,	23444,	24512,	24513,	26779,	26781,
23467,	23497,	24514,	24529,	26783,	26785,
23499,	23548,	24530,	24531,	26787,	26789,
23553,	23554,	24546,	24547,	26792,	26793,
23555,	23556,	24548,	24563,	26795,	26796,
23557,	23558,	24564,	24565,	26802,	26803,
23559,	23560,	24580,	24581,	26804,	26809,
23561,	23562,	24582,	24597,	26821,	26824,
23563,	23564,	24598,	24599,	26826,	26833,
23565,	23566,	24615,	24616,	26837,	26839,
23567,	23568,	24617,	24634,	26842,	26843,
23569,	23570,	24635,	24636,	26856,	26857,
23571,	23572,	24654,	24655,	26865,	26866,
23573,	23574,	24656,	24689,	26867, 27050, 27052	
23575,	23576,	24690,	24691,	\LetLtxMacro 16205, 16206	
23577,	23578,	24754,	24913,	\Letter ..... 4873	
23579,	23580,	25096,	25134,	\lettergroup ..... 8493	
23582,	23643,	25187,	25190,	\LettrineDepth ... 17976	
23668,	23669,	25220,	25266,	\LettrineHeight ...	
23684,	23685,	25279,	25491,	... 17975, 17983, 17988	
23686,	23687,	25512,	25728,	\LettrineSecondString	
23688,	23689,	25736,	25741,	..... 17934	
23774,	23861,	25748,	25765,	\LettrineTextFont .	
23863,	23869,	25768,	25828,	... 17934, 17942, 17987	
23871,	24002,	25886,	25890,	\LettrineWidth ....	
24003,	24004,	25968,	25973,	..... 17967, 17974	
24007,	24063,	25983,	25987,	\lftside ..... 20327,	
24064,	24065,	26016,	26026,	20329, 20332,	
24068,	24079,	26030,	26070,	20334, 20348, 20350	
24080,	24081,	26074,	26139,	\Line ..... 10922,	
24088,	24089,	26140,	26141,	10925, 10930,	
24094,	24103,	26142,	26145,	10933, 10938,	
24104,	24105,	26146,	26148,	10939, 10942,	
24107,	24110,	26153,	26155,	10943, 10947,	
24114,	24117,	26157,	26169,	10948, 10951,	
24119,	24122,	26170,	26171,	10952, 10956,	
24131,	24134,	26172,	26176,	10957, 10960,	
24147,	24148,	26177,	26183,	10961, 10965,	
24149,	24164,	26184,	26185,	10966, 10969, 10970	
24165,	24166,	26197,	26219,	\line ..... 9916, 9917,	
24167,	24168,	26281,	26322,	9919, 9920, 9926,	
24169,	24171,	26325,	26326,	9927, 9929, 9930,	
24172,	24175,	26340,	26341,	9939, 9940, 9942,	
24176,	24250,	26359,	26363,	9943, 9949, 9950,	
24251,	24254,	26364,	26365,	9952, 9953, 9962,	
24256,	24257,	26368,	26380,	9963, 9965, 9966,	
24258,	24273,	26381,	26382,	9972, 9973, 9975,	
24302,	24331,	26383,	26389,	9976, 9985, 9986,	



9988, 9989, 9995,	26225, 26226,	16838, 18048,
9996, 9998, 9999,	26253, 26288,	24029, 24291, 24309
20490, 20491, 20492	26290, 26291,	\LoadClass ... 8678, 8702
\LineNumber ... 18061,	26292, 26297,	\long .. 34, 48, 64, 237,
18063, 18065,	26299, 26300,	251, 266, 455, 742,
18070, 18073, 18075	26301, 26306,	807, 994, 1057,
\linenumberwidth ..	26308, 26309,	1244, 1309, 4399,
. 18063, 18070, 18075	26310, 26315,	4663, 4666, 4669,
\lineskip ..... 401,	26317, 26318,	4674, 4677, 4680,
426, 497, 759,	26319, 26751, 26754	5146, 5147, 5156,
844, 1011, 1096,	\link ..... 4987	5159, 5170, 5372,
1261, 1347, 1356,	\list . 89, 292, 574, 709,	5376, 5409, 5411,
4857, 9258, 9435,	945, 972, 1222,	5413, 5415, 5658,
9531, 9602, 11292,	2462, 2483, 2506,	5662, 5772, 5791,
11357, 11387,	2518, 8424, 8442,	5866, 5882, 5894,
11458, 15459,	8451, 8459, 9199,	5903, 5938, 5966,
15524, 15780,	9387, 9696, 11258,	5978, 5979, 6353,
18543, 18676,	11529, 15433,	6355, 6360, 6361,
20637, 20830,	17812, 19975,	6378, 6379, 6386,
20915, 20969,	20780, 21174,	6395, 6398, 6405,
21061, 21070,	21368, 21571,	6423, 7041, 7305,
21228, 21304,	22101, 22862,	7454, 7714, 7718,
21415, 21486,	23627, 24357, 26208	7722, 7758, 7762,
21900, 22640,	\listdoubleitemmaincolumnwidth	7766, 7802, 7806,
23413, 24083,	.... 4927, 4940,	7810, 8021, 8108,
24122, 26385, 26805	4941, 4942, 4969, 4973	8137, 8166, 8977,
\lineskiplimit ....	\listfigurename 8346, 8347	8980, 8983, 8987,
..... 15781, 26805	\listitemmaincolumnwidth	8990, 8993, 9241,
\linespacing .. 24, 17847	..... 4926,	9418, 9560, 9853,
\linespread ... 3038, 5642	4934, 4935, 4967	10698, 10719,
\linewidth .... 4981,	\listitemsymbol ...	11319, 11416,
7371, 15675,	4868, 4925, 4966,	15486, 16036,
15690, 15694,	4968, 10500, 10598	16053, 16069,
16432, 16440,	\listitemsymbolwidth	16097, 16112,
16441, 16443,	..... 4924,	16127, 16684,
16444, 16877,	4925, 4935, 4941	16698, 16707,
18017, 18020,	\listoffigures .... 8344	16753, 16794,
18042, 18044,	\listoftables ..... 8352	16801, 17233,
18673, 19387,	\listparindent ....	17244, 17255,
19393, 20058,	. 945, 8444, 8451,	17266, 17281,
20060, 20078,	8452, 26215, 26224	17296, 17339,
20080, 20285,	\listtablename 8354, 8355	17356, 17377,
20291, 20377,	\llap . 1528, 1564, 1581,	17394, 17410,
20386, 20387,	1588, 1686, 1704,	17427, 17441,
20440, 20442,	1711, 2465, 2487,	17458, 17472,
20630, 21853,	3550, 8431, 11054,	17489, 17714,
22169, 22178,	11818, 11830,	18130, 19329,
22236, 22319,	11842, 15582,	19379, 19429,
22593, 22930,	15588, 16235,	19451, 19863,
22939, 22997,	16247, 16259,	19867, 19871,
23081, 23366,	16686, 16822,	20266, 20475,
23695, 23704,	16824, 16826,	20813, 20878,
23762, 23846,	16828, 16831,	20952, 21019,
26117, 26127,	16833, 16836,	21215, 21258,



21444, 21736,	\lst@HRefStepCounter	17351, 17372,
21766, 22475,	..... 18151, 18157	17375, 17379,
22505, 23248,	\lst@ifnumberbychapter	17389, 18582,
23278, 24001,	..... 18190, 18191	18583, 18585, 18586
24187, 24191,	\lst@Key ... 18094, 18101	\LT@p@ftntext ... 18575
24194, 24198,	\lst@MakeCaption ..	\LT@p@LTRftntext ..
25962, 26159,	..... 18149, 18162	..... 17332,
26255, 26632,	\lst@makecaption ..	17339, 18576, 18581
26636, 26640,	..... 18146, 18179	\LT@p@RTLftntext ..
26676, 26680,	\lst@maketitle 18147,	..... 17370,
26684, 26743, 26846	18180, 18184, 18186	17377, 18577, 18584
\longindentation . 11563	\lst@title@dropdelim	\LT@rows ... 18535, 18560
\longthickrule ....	..... 18147	\LT@setprevdepth . 18536
..... 21296, 21302	\lstKV@SwitchCases	\LT@start .. 17727, 17737
\loop . 4194, 4195, 4196,	..... 18095, 18102	\LT@startpbox .....
6436, 6446, 10009,	\lstset .....	18517, 18524, 18573
10219, 14740,	\LT@ohl ... 18503, 18505	\LT@tabularcr ... 18507
18004, 20283,	\LT@tabarray 18502, 18506	\LTcapytype .....
20319, 20346,	\LT@array .... 17710,	18558, 18562, 18563
20357, 20384, 24142	18492, 22334,	\LTcapwidth .....
\looprepeat 6453, 6457,	22335, 23096,	18546
6501, 6572, 6579,	23097, 23861, 23862	\LTleft .....
6584, 6590, 6593,	\LT@bchunk .....	18497, 18499, 18537
6595, 6599, 6600, 6605	18533, 18540, 18544	\LTR .. 20440, 26117, 26119
\lower .....	\LT@caption ... 18511,	\LTR@column@boxes ..
1981, 2012, 2041,	22336, 22342,	19779, 19823, 19825
2081, 2085, 2360,	22344, 23098,	\LTR@outputdblcol ..
4048, 4327, 20481,	23104, 23106,	10109, 15627,
20515, 20523,	23863, 23869, 23871	16458, 19570,
25956, 26165, 26167	\LT@cols .....	26515, 26559, 26561
\lowercase .... 5239,	22318, 23080, 23845	\LTRbidituftesidenotemarginpar
5247, 5255, 5263	\LT@end@pen .....	7741, 8067, 8217
\lowertitleback ...	\LT@endpbox .....	\LTRcite .....
.. 21943, 21978,	\LT@err .....	8011, 8131, 8160,
22065, 22683,	\LT@foot .....	8189, 8211, 8220, 8229
22718, 22805,	17729, 18595,	\LTRdblcol .....
23456, 23491, 23578	18599, 18608, 18611	26561
\LR 17702, 20448, 20481,	\LT@head ... 18602, 18615	\LTRdfnmakecol ... 10851
26141, 26165, 26167	\LT@hline .....	\LTRfootfootmark ..
\lrb .....	18511	11642, 11828,
4515, 4524	\LT@kill .....	12207, 12500,
\LRE .....	\LT@lastfoot .....	12793, 13092,
4011, 4055,	18595, 18597, 18608	13391, 13690,
4298, 4332, 17701,	\LT@LL@FM@cr 18520, 18524	13989, 14288,
20448, 20451,	\LT@make@row .....	14587, 15088, 16245
25768, 26141, 26144	\LT@makecaption ...	\LTRfootmarkstyle ..
\lreset@listparshape	18545, 18556,	11814, 11853
..... 18051	22310, 23072, 23837	\LTRfootnote ... 418,
\LRfootnoterule ...	\LT@mc col 18501, 18546,	492, 2303, 4601,
10693, 11621, 15962	22318, 23080, 23845	4609, 8200, 8550,
\LS@rot .....	\LT@no@pgbk . 18509, 18510	9523, 9597, 11379,
18618	\LT@nofcols .....	11453, 16017,
\lsb .....	18540	16205, 16208,
4514, 4522	\LT@output .....	20950, 21056,
\lst@@caption . 18151,	\LT@p@ftn .... 17334,	21210, 21298,
18157, 18164, 18169	17337, 17341,	
\lst@alloverstyle .		
..... 4503, 4509		





14635, 14648,	\m@make@ninecol@footgroup	12876, 12889,
14662, 14675,	. 14131, 14156, 14399	12903, 12991,
14689, 14700,	\m@make@para@footgroup	13021, 13037,
14706, 14712,	. 14768, 14821, 15206	13052, 13064,
14717, 14974,	\m@make@para@footstart	13079, 13119,
15005, 15023,	. . 14769, 14775,	13148, 13161,
15039, 15053,	14822, 14828,	13175, 13188,
15069, 15108,	14878, 14929, 15251	13202, 13290,
15138, 15152,	\m@make@sevencol@footgroup	13320, 13336,
15167, 15181,	. 13533, 13558, 13801	13351, 13363,
15196, 15214,	\m@make@sixcol@footgroup	13378, 13418,
15225, 15239, 15248	. 13234, 13259, 13502	13447, 13460,
\m@m@h . . . . . 12028,	\m@make@tencol@footgroup	13474, 13487,
12029, 12030,	. 14430, 14455, 14698	13501, 13589,
12032, 12033, 12038	\m@make@threecol@footgroup	13619, 13635,
\m@m@k . . . . . 12028,	. 12349, 12374, 12605	13650, 13662,
12029, 12032,	\m@make@twocol@footgroup	13677, 13717,
12035, 12036, 12038	. 12050, 12075, 12318	13746, 13759,
\m@m@makecolfloats	\m@mdoextrafeet . . .	13773, 13786,
. 15258, 15309, 15316	. . 11862, 15303,	13800, 13888,
\m@m@makecolintro .	15314, 15345, 15358	13918, 13934,
. 15273, 15302, 15313	\m@mdoextrafeetendmini	13949, 13961,
\m@m@makecoltext . .	. . . . . 11989, 11993	13976, 14016,
. 15262, 15310, 15321	\m@mdoextrafeetmini	14045, 14058,
\m@m@singlespace . 11803	. . . . . 11982	14072, 14085,
\m@make@eightcol@footgroup	\m@mdosplits . . 12031,	14099, 14187,
. 13832, 13857, 14100	12034, 12035, 12036	14217, 14233,
\m@make@fivecol@footgroup	\m@minterparanoteglue	14248, 14260,
. 12935, 12960, 13203	. . . . . 14735, 14737	14275, 14315,
\m@make@footstart .	\m@mipn@skip . . . . .	14344, 14357,
. 12005, 12016, 12021	. 14727, 14734, 14736	14371, 14384,
\m@make@fourcol@footgroup	\m@mmakehboxofhboxes	14398, 14486,
. 12636, 12661, 12904	. . 14738, 15210,	14516, 14532,
\m@make@mpightcol@footgroup	15221, 15237, 15246	14547, 14559,
. 13842, 13867, 14112	\m@mmf@prepare 11659,	14574, 14614,
\m@make@mpfivecol@footgroup	11675, 11690,	14643, 14656,
. 12945, 12970, 13215	11706, 11721,	14670, 14683,
\m@make@mpfourcol@footgroup	11809, 12106,	14697, 14983,
. 12646, 12671, 12916	12136, 12152,	15014, 15032,
\m@make@mpninecol@footgroup	12167, 12179,	15048, 15062,
. 14141, 14166, 14411	12194, 12234,	15078, 15117,
\m@make@mppara@footgroup	12263, 12276,	15147, 15161,
. 14782, 14835, 15233	12290, 12303,	15176, 15190, 15205
\m@make@mpsevencol@footgroup	12317, 12404,	\m@mold@footnotetext
. 13543, 13568, 13813	12433, 12448,	. 11784, 11792, 14868
\m@make@mpsixcol@footgroup	12462, 12473,	\m@mold@LTRfootnotetext
. 13244, 13269, 13514	12487, 12526,	. . . . . 11785, 11793
\m@make@mptencol@footgroup	12554, 12566,	\m@mold@mpfootnotetext
. 14440, 14465, 14710	12579, 12591,	. 11787, 11795, 14882
\m@make@mpthreecol@footgroup	12604, 12692,	\m@mold@mpLTRfootnotetext
. 12359, 12384, 12617	12722, 12738,	. . . . . 11788, 11796
\m@make@mptwocol@footgroup	12753, 12765,	\m@mold@mpRTLfootnotetext
. 12060, 12085, 12330	12780, 12820,	. 11789, 11797, 14887
	12849, 12862,	\m@mold@RTLfootnotetext



. 11786, 11794, 14873	\mainmatter . . . . . 8729	21972, 21979,
\m@mopfootnote . . . .	\makeatletter . 5838, 5857	22043, 22554,
. . . . . 15274, 15307	\makebox . . . . . 11042,	22677, 22684,
\m@mremovehboxes . .	11047, 11116,	22705, 22712,
. . . . . 14746,	11119, 11122,	22719, 22783,
14747, 15211,	11129, 11137,	23327, 23450,
15222, 15238, 15247	11144, 11185,	23457, 23478,
\m@mrigidbalance . .	11189, 20095, 20113	23485, 23492, 23556
. . 12029, 12323,	\makefooter . . . . .	\maketitledetailsnewline
12334, 12610,	. 10565, 10566, 10582	. . 10656, 10671,
12621, 12909,	\MakeFramed . . . . . 16298	10673, 10674,
12920, 13208,	\makelabel . . . . .	10675, 10676, 10677
13219, 13507,	2465, 2485, 2508,	\maketitledetailwidth
13518, 13806,	2528, 8431, 26219	. . . . . 10648,
13817, 14105,	\MakeLineNo . . . . . 18055	10650, 10651,
14116, 14404,	\makeLineNumber . . .	10652, 10653, 10668
14415, 14703, 14714	. . . . . 18056, 18058	\maketitlehookb . . 19374
\m@msplitoff 12035, 12037	\makeLineNumberLeft	\maketitlehookc . . 19376
\m@mungebox . . . . .	. . . . . 18061	\maketitlenamefullwidth
. . 14728, 14983,	\makeLineNumberRight	. 10642, 10643, 10645
15014, 15032,	. . . . . 18069	\maketitlenamemaxwidth
15048, 15062,	\maketag@@@ . . . . 336,	. 10640, 10641, 10645
15078, 15117,	11040, 11053, 18651	\maketitlenamewidth
15147, 15161,	\makethanksmark . . 19329	. . . . . 10644,
15176, 15190, 15205	\maketitle . . . . 110,	10645, 10651, 10663
\m@munnvxh . . 14720, 14729	313, 320, 412,	\maketitlepage 8612, 8654
\m@ne 304, 551, 560, 5200,	440, 451, 475, 735,	\maketitlepicturewidth
5216, 5418, 6173,	780, 802, 824, 987,	. . . . . 10646,
6180, 6432, 6437,	1032, 1054, 1076,	10647, 10653, 10682
6447, 6528, 7709,	1237, 1282, 1304,	\MakeUppercase . 125,
7753, 7797, 9470,	1326, 4395, 4407,	571, 599, 600,
9628, 9665, 10009,	4948, 8526, 8630,	615, 706, 864, 969,
11227, 11236,	8654, 9234, 9279,	1116, 1219, 9122,
11497, 15386,	9411, 9456, 9517,	9196, 9299, 9384,
15403, 17557,	9545, 9556, 9580,	9509, 9510, 9693,
19753, 20561,	10547, 10661,	11255, 11526,
21327, 21512,	11280, 11304,	15430, 17885,
21549, 22410,	11315, 11337,	20680, 20777,
23180, 23183,	11373, 11401,	20935, 21171,
23945, 23948,	11412, 11436,	21394, 21395, 21568
24437, 24479,	15447, 15471,	\marginline . . . . .
25537, 26627,	15482, 15504,	. 22150, 22911, 23676
26671, 26706, 26709	17504, 17505,	\marginnote . . . . . 8205
\m@th 403, 11043, 11048,	17870, 19324,	\marginpar . . . . .
11054, 15675,	20806, 20851,	7275, 7983, 22151,
15690, 18542,	20873, 20895,	22912, 23677, 25804
25609, 25718,	20943, 20992,	\marginparpush 7208, 26725
26189, 26283,	21014, 21038,	\marginparsep . . . . .
26355, 26357, 26416	21204, 21242,	. . . . 4385, 4833,
\maincolumnwidth . .	21253, 21282,	7249, 7252, 7256,
4922, 4931, 4932,	21401, 21429,	7408, 7415, 16821,
4933, 4934, 4936,	21440, 21464,	16823, 16827,
4940, 4955, 4959, 4984	21814, 21937,	16832, 16835,
\mainend . . . . . 3264	21944, 21965,	16837, 26736, 26738



<code>\marginparwidth</code>	4384, 4834, 7248, 7253, 7265, 7363, 7633, 7726, 7770, 7814, 16821, 16823, 16835, 16837, 26644, 26688, 26738	<code>\mc@lastcol@status@write</code> ..... 19789, 19812	<code>\mem@makecol</code> 15301, 15323
<code>\markboth</code> ..	124, 565, 8734, 11241, 17884	<code>\mdf@footnotedistance@length</code> ..... 18714	<code>\memRTLleftskip</code> .. 19347
<code>\math@cr@@@align</code> ..	338	<code>\mdf@footnoteinput</code> 18722	<code>\memRTLraggedleft</code> 19352
<code>\mathindent</code> .	15676, 15692	<code>\mdf@footnoteoutput</code> ..... 18711	<code>\memRTLraggedright</code> 19351
<code>\mathsurround</code> .....	9743	<code>\mdf@frametitleaboveskip@length</code> ..... 18706	<code>\memRTLrightskip</code> . 19348
<code>\max@poem@no</code> .....	...	<code>\mdf@frametitlealignment</code> ..... 18687	<code>\memRTLvleftskip</code> . 19349
<code>\maxdepth</code> ....	15311, 15322, 16670, 16677	<code>\mdf@frametitlebelowskip@length</code> ..... 18707	<code>\memRTLvrightskip</code> 19350
<code>\maxdimen</code> 10050, 10051,	10053, 10113, 10114, 10116, 14979, 15010, 15028, 15044, 15058, 15074, 15113, 15143, 15157, 15172, 15186, 15201, 15547, 15595, 15596, 15597, 15631, 15632, 15633, 16305, 16466, 16467, 16469, 16515, 16516, 16518, 19474, 19475, 19477, 19574, 19575, 19577, 24135, 24174, 25669, 25672, 25677, 25681, 25685, 25689, 25693, 25697, 25701, 25705, 25890, 26472, 26473, 26475, 26519, 26520, 26522	<code>\mdf@frametitlebox</code> .. 18686, 18699, 18700, 18701, 18702, 18704, 18705	<code>\message</code> .. 4270, 4272, 16306, 16314, 16318, 16323, 16331, 16337, 16347, 16352, 16354, 16361, 16369, 16382, 16390, 16395, 16400, 16413, 16424, 16432, 16444
		<code>\mdf@frametitlefont</code> ..... 18689	<code>\MessageBreak</code> .....
		<code>\mdf@frametitlefontcolor</code> ..... 18688	..... 148, 6090, 6104, 6116, 6128, 6805, 6816, 6823,
		<code>\mdf@horizontalmargin@equation</code> ..... 18664	6835, 6841, 6939, 6992, 6993, 6994, 7008, 7009, 7011, 7289, 7385, 7612, 7613, 7681, 8285, 8286, 8287, 8289, 8290, 8294, 8295, 8296, 8298, 8299,
		<code>\mdf@ignorevbadness</code> ..... 18698	17939, 17981, 17982, 17985, 19425, 19426, 19756, 19775, 19844, 21764, 21937, 21944, 21965, 21972, 21979, 22127, 22134, 22166, 22175, 22239, 22241, 22243, 22244, 22245, 22503, 22677, 22684, 22705, 22712, 22719, 22888, 22895, 22927, 22936, 23000, 23002, 23004, 23005, 23006, 23276, 23450, 23457, 23478, 23485, 23492, 23653, 23660, 23692, 23701, 23765,
		<code>\mdf@lrbox</code> . 18657, 18686	
		<code>\mdf@par@local</code> ... 18680	
		<code>\mdf@patchamsthm</code> . 18658	
		<code>\mdfframetitleenv</code> 18685	
		<code>\mdfframetitleboxdepth</code> ..... 18702	
		<code>\mdfframetitleboxheight</code> ..... 18701	
		<code>\mdfframetitleboxtotalheight</code> ..... 18703	
		<code>\mdfframetitleboxwidth</code> ..... 18700	
		<code>\mdseries</code> .....	
		307, 10541, 10543, 10545, 10546, 10633, 10634, 10635, 10638, 10639	
		<code>\meaning</code> .....	
		5109, 5112, 5378, 5828, 5855, 5870, 5888, 5896, 5905, 5972	
<code>\mbox</code> .....	16782, 18048, 21870, 21992, 22006, 22021, 22610, 22732, 22746, 22761, 23383, 23505, 23519, 23534	<code>\mediabutton</code> .....	
<code>\mc@col@status@write</code> .....	19783, 19804	. 19249, 19309, 19310	
<code>\mc@gridwarn</code> .....	19773	<code>\medskip</code> .....	8836
		<code>\medskipamount</code> ....	
		.... 1723, 1732, 1741, 2763, 2778, 2793, 2994, 3006, 3018, 3087, 11565	



23767, 23769,	\missingfigure . . . .	\moreRLE . . . . . 4014,
23770, 23771,	. . . . . 25848, 25878	4301, 20403, 26076
25112, 25114, 25117	\mix 18743, 18744, 18751,	\moveleft 2360, 7665, 19668
\metropolis@block . 3086	18752, 18778,	\moveright 2360, 3217,
\metropolis@blockadjust	18795, 18818,	3223, 3232, 3240,
. . . . 3106, 3107,	18821, 18823,	15782, 19766, 26808
3108, 3112, 3113, 3114	18846, 18878,	\mp@footgroupv@r . .
\metropolis@blocksep	18886, 18895,	. . . . . 11985,
. . . 3106, 3112, 3129	18906, 18917,	12027, 12061,
\metropolis@parskip	18919, 18924,	12086, 12239,
. . . . . 3130, 3133	18925, 18927,	12278, 12360,
\metropolis@progressinheadfoot	18928, 18930,	12385, 12531,
. . . 3388, 3395, 3397	18942, 18951,	12568, 12647,
\metropolis@progressinheadfoot@linewidth	18954, 18955,	12672, 12825,
. . . 3393, 3395, 3397	18956, 18966,	12864, 12946,
\metropolis@progressonsectionpage	18976, 18977,	12971, 13124,
. . . 3073, 3079, 3081	18979, 18980,	13163, 13245,
\metropolis@progressonsectionpage@linewidth	18985, 18986,	13270, 13423,
. . . 3077, 3079, 3081	19002, 19004,	13462, 13544,
\metropolis@strut .	19006, 19011,	13569, 13722,
. . . . . 3119, 3121	19050, 19057,	13761, 13843,
\MH 11052, 11056, 11061,	19058, 19061,	13868, 14021,
11062, 11066,	19079, 19081,	14060, 14142,
11070, 11071,	19084, 19086,	14167, 14320,
11075, 11083,	19089, 19096,	14359, 14441,
11085, 11090,	19104, 19106,	14466, 14619,
11102, 11110,	19159, 19164,	14658, 14784,
11115, 11118,	19175, 19176,	14837, 15122, 15163
11121, 11123,	19179, 19210,	\mp@LTRfootgroupv@l
11124, 11126,	19215, 19217,	. . 11735, 11772,
11127, 11130,	19224, 19225,	11986, 12063,
11131, 11133,	19228, 19243,	12088, 12237,
11134, 11136,	19247, 19250,	12305, 12362,
11138, 11139,	19252, 19261,	12387, 12529,
11141, 11142,	19264, 19274,	12593, 12649,
11145, 11146,	19275, 19277,	12674, 12823,
11148, 11149,	19300, 19306, 19310	12891, 12948,
11151, 11156,	\mkern . . . . . 25610,	12973, 13122,
11157, 11158,	25611, 25719, 26417	13190, 13247,
11159, 11160,	\mobile . . . . . 4910	13272, 13421,
11161, 11162,	\Mobilefone . . . . . 4870	13489, 13546,
11163, 11164,	\mobilesymbol . . . . .	13571, 13720,
11173, 11175,	. 4870, 10575, 10673	13788, 13845,
11179, 11180, 11182	\mode . . . . . 18920, 19253	13870, 14019,
\MHInternalSyntaxOff	\modernpoem . . . . . 9084	14087, 14144,
. . . . . 11197, 18654	\modernpoem@obeylines	14169, 14318,
\MHInternalSyntaxOn	. . . . . 8831, 9084	14386, 14443,
. . . . . 11037, 18648	\modernpoem@par . . .	14468, 14617,
\MidFrameCommand . .	. . . 8831, 8832, 9048	14685, 14785,
. 16294, 16338, 16406	\month . . . . . 3183	14838, 14890,
\minrowclearance . .	\morefloats . . . 7515, 7612	14941, 15120, 15192
. . . 1460, 1494, 9848	\moreLRE . . . . . 4012,	\mpfootnoterule . . .
\mintagvsep . . . . . 11057	4299, 20402, 26075	. . . . . 15989, 15993
		\msg . . . . 18798, 18801,





8612, 8788, 8795,	14615,	14657,	20016, 20024, 20026
8804, 8808, 8818,	14684,	14704,	\newfloat@Error .. 20029
8837, 9034, 9035,	14715,	14748,	\newfloat@setwithin
10656, 10850,	14811,	14864,	..... 19996
10851, 10860,	14915,	14984,	\newif 3973, 3974, 3978,
10867, 10883,	15033,	15063,	3979, 3982, 3983,
10889, 10905,	15118,	15162,	3984, 3985, 3986,
10912, 11583,	15191,	15228,	3987, 3989, 3990,
11597, 11624,	15288,	15323,	4283, 4284, 4285,
11628, 11634,	15324,	15325,	4286, 4287, 4288,
11640, 11660,	15326,	15805,	4791, 4820, 4999,
11691, 11734,	15808,	15867,	5047, 5844, 6335,
11771, 11855,	15872,	15874,	8715, 8903, 10488,
11858, 11946,	15880,	15896,	10490, 10492,
11950, 11962,	15920,	15932,	10494, 10559,
11968, 12032,	15986,	16032,	10586, 10588,
12066, 12107,	16033,	16034,	10590, 10592,
12153, 12180,	16087,	16089,	10655, 11949,
12235, 12277,	16219,	16222,	15863, 15871,
12304, 12324,	16225,	16228,	18656, 25757, 25758
12335, 12365,	16865,	18108,	\newinsert .....
12405, 12449,	18119,	19818,	4017, 4304, 7518,
12474, 12527,	19821,	19824,	7519, 7520, 7521,
12567, 12592,	21717,	21718,	7522, 7523, 7524,
12611, 12622,	22456,	22457,	7525, 7526, 7527,
12652, 12693,	23229,	23230,	7528, 7529, 7530,
12739, 12766,	25759,	25761,	7531, 7532, 7533,
12821, 12863,	26066,	26067,	7534, 7535, 7536,
12890, 12910,	26115,	26116,	7537, 7538, 7539,
12921, 12951,	26207,	26329,	7540, 7541, 7542,
12992, 13038,	26330,	26432,	7543, 7544, 7545,
13065, 13120,	26560, 26561, 26758		7546, 7547, 7548,
13162, 13189,	\newcount ..... 4188,		7549, 7550, 7551,
13209, 13220,	4365, 4366, 5040,		7567, 7568, 7569,
13250, 13291,	5050, 5054, 5431,		7570, 7571, 7572,
13337, 13364,	6166, 6269, 6429,		7573, 7574, 7575,
13419, 13461,	6490, 6570, 11928,		7576, 7577, 7578,
13488, 13508,	11930, 12028, 26424		7579, 7580, 7581,
13519, 13549,	\newcounter 7912, 9030,		7582, 7583, 7584,
13590, 13636,	15701, 15865,		7585, 7586, 7587,
13663, 13718,	24666, 24670, 24671		7588, 7589, 7590,
13760, 13787,	\newdimen .....		7591, 7592, 12012,
13807, 13818,	8792, 8793, 8843,		12017, 12023, 12025
13848, 13889,	11579, 12028, 16594		\newlength .....
13935, 13962,	\newenvironment ...		4918, 4919, 4920,
14017, 14059,	4549, 4560, 4569,		4922, 4923, 4924,
14086, 14106,	4578, 5013, 7262,		4926, 4927, 5010,
14117, 14147,	7277, 7280, 7318,		7244, 7245, 7246,
14188, 14234,	7445, 9019, 9083,		7300, 7317, 8105,
14261, 14316,	17806, 26119,		10640, 10642,
14358, 14385,	26129, 26285,		10644, 10646,
14405, 14416,	26294, 26303, 26312		10648, 24698,
14446, 14487,	\newfloat@setwithin		24700, 24701, 25414
14533, 14560,	..... 20010,		\newline ..... 4981,



7479, 22167,	23514, 23524,	19728, 19729,
22176, 22928,	23528, 23539, 23543	19740, 19741,
22937, 23693, 23702	\next@tpage ... 21870,	20564, 20566,
\newlinechar ..... 4242	21877, 21923,	20719, 20720,
\newlinetospace ...	21999, 22013,	20734, 20758,
7476, 7496, 7497,	22028, 22610,	21091, 21092,
7498, 8735, 8736, 8737	22617, 22663,	21106, 21130,
\newlistentry 24663, 24730	22739, 22753,	21321, 21337,
\newpage ..... 465,	22768, 23383,	21506, 21522,
487, 816, 836,	23390, 23436,	21551, 21555,
1068, 1088, 1318,	23512, 23526, 23541	21563, 22088,
1338, 6986, 6988,	\NineColumnFootnotes	24296, 24313,
6992, 6997, 6998,	..... 14147	24320, 24461,
7001, 7005, 7007,	\ninecolumnfootnotes	24464, 24492,
7010, 8631, 8668,	..... 14122	24493, 24515,
8669, 9570, 9592,	\no ..... 3269, 3294, 3314	24516, 24532,
10482, 11329,	\no@bib@break .....	24533, 24549,
11349, 11426,	. 22113, 22874, 23639	24550, 24566,
11448, 15496,	\noalign .. 1374, 8957,	24567, 24583,
15516, 18508,	12035, 18508,	24584, 24600,
19338, 20887,	18509, 18510,	24601, 24618,
20907, 21028,	22311, 22337,	24619, 24637,
21050, 21272,	22339, 23073,	24638, 24657,
21294, 21454, 21476	23099, 23101,	24658, 24692,
\newpoem@tabcr ....	23838, 23864, 23866	24693, 24728,
... 9047, 9056, 9057	\nobibliography ... 7909	24890, 24891,
\newsavebox ..... 4548,	\nobidilogo ..... 4333	25000, 25002,
7261, 7296, 7297	\nobreak ..... 14, 16,	25093, 25125,
\newskip .....	209, 211, 517, 535,	25130, 25133,
4586, 4587, 4588,	562, 566, 654, 655,	25602, 25607,
5423, 14734, 16456	669, 695, 882, 883,	25615, 25716,
\newthought ..... 8434	897, 913, 1137,	25717, 25721,
\NewTokenList ..... 6376	1138, 1152, 1179,	26414, 26415, 26419
\newtoks ..... 4599,	2115, 2122, 2439,	\nobreakspace ..... 561
5120, 5121, 6167,	2441, 2443, 3573,	\node . 3310, 3312, 3317,
6168, 6338, 6351,	7048, 8032, 8372,	3318, 3320, 3321,
6376, 6429, 8844,	8373, 8857, 8859,	25802, 25832, 25838
15873, 20398, 26071	8865, 9143, 9144,	\noexpand ..... 393,
\newXeTeXintercharclass	9158, 9182, 9320,	4621, 4622, 4636,
..... 4190, 4191	9321, 9335, 9359,	4637, 4664, 4667,
\next ..... 26455, 26458	9473, 9481, 9493,	4670, 5075, 5116,
\next@tdpage .. 21871,	9622, 9638, 9668,	5125, 5129, 5149,
21880, 21951,	9673, 9681, 9899,	5153, 5275, 5377,
21988, 21997,	11210, 11223,	5378, 5380, 5437,
22001, 22011,	11238, 11242,	5465, 5491, 5519,
22015, 22026,	11250, 11477,	5545, 5548, 5582,
22030, 22611,	11500, 11505,	5585, 5823, 5824,
22620, 22691,	11514, 11558,	5825, 5827, 5828,
22728, 22737,	11559, 15380,	5853, 5855, 5873,
22741, 22751,	15396, 15405,	5874, 5875, 5878,
22755, 22766,	15409, 15417,	5885, 5886, 5887,
22770, 23384,	17861, 17863,	5889, 5895, 5896,
23393, 23464,	17908, 18615,	5898, 5904, 5905,
23501, 23510,	18713, 19717,	5907, 5969, 5971,



5972, 6186, 6332,	25742, 25743,	3198, 3214, 3248,
6337, 6343, 6391,	25744, 25745,	3253, 3387, 3449,
6419, 6422, 6425,	25746, 25747,	3454, 3597, 3614,
6426, 6510, 6517,	25748, 25749,	3692, 3699, 3715,
6520, 6521, 6538,	25991, 26006,	3788, 3794, 3809,
6542, 6544, 6545,	26034, 26040,	10709, 10730,
6546, 6554, 6555,	26053, 26378, 26762	16277, 18696,
6556, 6559, 6560,	\noindent . . . . . 455,	19764, 26733, 26741
6561, 6596, 6653,	630, 639, 937,	\nopagebreak . . . . .
6814, 6815, 6817,	1189, 1198, 2721,	. . 8911, 8921, 18510
6953, 7058, 7092,	2728, 2735, 3138,	\nopagenumbers . . . . 5000
7093, 7881, 7883,	3144, 3150, 4399,	\normalbaselines . 26189
7891, 8284, 8287,	7271, 7464, 8055,	\normalbaselineskip
8293, 8296, 8978,	8073, 8091, 8208,	311, 7169, 14788,
8981, 8984, 9036,	8217, 8226, 8436,	14802, 14841,
10440, 10792,	8456, 8617, 8619,	14855, 14893,
10844, 11936,	8621, 8812, 9192,	14907, 14944,
11937, 15703,	9380, 9560, 9756,	14958, 18677, 20638
15704, 15709,	11319, 11416,	\normalcolor . . . 2090,
15710, 15762,	11561, 11626,	4766, 9860, 10071,
16607, 16617,	14981, 15012,	10136, 10368,
17325, 17335,	15030, 15046,	10387, 11171,
17343, 17344,	15060, 15076,	11997, 15282,
17345, 17347,	15115, 15145,	15295, 16166,
17373, 17381,	15159, 15174,	16286, 16491,
17382, 17383,	15188, 15203,	16538, 16639,
17385, 17414,	15216, 15227,	16649, 16656,
17415, 17416,	15241, 15250,	17894, 18715,
17418, 17445,	15486, 16685,	19742, 22391,
17446, 17447,	18046, 19402,	23154, 23919,
17449, 17476,	20695, 20704,	25477, 25500,
17477, 17478,	21145, 21154,	25506, 25722,
17480, 18537,	21220, 21263,	25968, 26420,
18582, 18585,	21444, 21754,	26493, 26542,
19177, 19442,	21793, 21871,	26572, 26588,
21830, 21831,	21874, 21878,	26599, 26607,
21832, 21833,	22088, 22273,	26814, 26830, 26861
21834, 21835,	22284, 22493,	\normalfont . . . . . 25,
22110, 22111,	22533, 22611,	38, 52, 68, 85, 241,
22570, 22571,	22614, 22618,	255, 270, 288, 454,
22572, 22573,	23034, 23045,	457, 559, 806, 808,
22574, 22575,	23266, 23306,	1060, 1308, 1310,
22871, 22872,	23384, 23387,	2996, 3008, 3020,
23343, 23344,	23391, 23799,	4398, 4401, 4511,
23345, 23346,	23810, 25780,	4516, 4517, 4519,
23347, 23348,	25783, 25785,	4520, 4521, 4522,
23636, 23637,	25787, 25790,	4523, 4524, 4525,
24005, 24077,	25794, 25796,	7210, 7829, 7830,
24114, 24115,	25852, 25914, 26347	7831, 7919, 7938,
24188, 24195,	\nointerlineskip . .	7957, 8023, 8258,
24673, 25205,	. . . . . 1812, 1825,	8265, 8272, 8464,
25238, 25245,	2332, 2420, 2433,	9469, 9489, 9559,
25250, 25251,	2440, 2770, 2785,	9562, 9664, 9679,
25337, 25741,	2800, 3123, 3193,	11043, 11048,





9304, 9514, 20685, 20940, 21399, 24426	\overfullrule . . . . .	11622, 11623, 15373, 15388,
\only . . . . . 2338, 2366	. . . 4818, 4819, 20527	15401, 15406,
\opening . . . . . 11546, 17896	\OVP@calc . . . . . 20092	15410, 15413,
\OptArg . . . . . 4528, 4594		15418, 15421,
\OptArg@i . . . . . 4594, 4595	<b>p</b>	15423, 15425,
\OptArg@ii . . . 4594, 4596	\p@ . . . . . 27, 29, 30,	15427, 15454,
\OptArgs . . . . . 4593	31, 99, 103, 219,	15555, 15952,
\optparams . . . . .	223, 231, 233, 234,	15954, 15955,
7338, 8195, 8196, 8197, 8199, 8200, 8201	235, 311, 421, 510,	15956, 15957,
\OR . . . . . 7332,	527, 539, 541, 543,	15958, 15990,
7404, 7424, 7428, 7680	545, 597, 602, 613,	16712, 16719,
\or . . . . . 1410, 1411,	617, 646, 662, 680,	16758, 16765,
1412, 1414, 1415,	687, 723, 729, 748,	16810, 17823,
1435, 1436, 1437,	862, 866, 873, 889,	17827, 17836,
1441, 1442, 1443,	906, 924, 959, 961,	17838, 17839,
1444, 1445, 1449,	964, 966, 1000,	17840, 17892,
1450, 1478, 1479,	1114, 1118, 1129,	17910, 17912,
1480, 1482, 1483,	1145, 1163, 1171,	17914, 17916,
4076, 4082, 4088,	1203, 1209, 1250,	19380, 19710,
4094, 4100, 4106,	4018, 4305, 4857,	19722, 19734,
4108, 4110, 4112,	4858, 4862, 4863,	19828, 19829,
4118, 4124, 4130,	7164, 7165, 7166,	19876, 19878,
4143, 4151, 4158,	7173, 7174, 7175,	19879, 19880,
4168, 9831, 9832,	7177, 7178, 8383,	20678, 20682,
9833, 9835, 9836,	8384, 8385, 8387,	20711, 20727,
17169, 17173,	8388, 8454, 9120,	20743, 20750,
24705, 24708,	9124, 9135, 9151,	20765, 20771,
24711, 25655,	9167, 9174, 9213,	20819, 20933,
25766, 25773,	9219, 9247, 9297,	20937, 20958,
25995, 26044,	9301, 9312, 9328,	21083, 21099,
26447, 26448, 26450	9344, 9351, 9366,	21115, 21122,
\orig@footnotetext	9372, 9424, 9468,	21188, 21194,
. . 152, 19849, 19866	9474, 9479, 9483,	21223, 21315,
\orig@LTRfootnotetext	9485, 9488, 9491,	21329, 21345,
. . 156, 19854, 19870	9495, 9497, 9507,	21347, 21349,
\orig@RTLfootnotetext	9512, 9526, 9615,	21351, 21392,
. . 160, 19859, 19874	9630, 9643, 9645,	21397, 21410,
\origin@RaggedLeft	9647, 9649, 9663,	21499, 21514,
. 20666, 20668, 20669	9669, 9674, 9677,	21527, 21529,
\origin@RaggedRight	9682, 9914, 9924,	21531, 21533,
. 20667, 20668, 20669	9937, 9947, 9960,	21547, 21552,
\originalHbadness .	9970, 9983, 9993,	21556, 21559,
. . . . . 25828, 25846	10290, 10297,	21564, 21802,
\othermargin . . . . . 879	10456, 10476,	21806, 21809,
\outer . . . . . 4359	10694, 10695,	21813, 22364,
\outer@nobreak . . . .	11202, 11216,	22382, 22542,
4784, 7731, 7775,	11272, 11274,	22546, 22549,
7819, 26649, 26693	11276, 11278,	22553, 23126,
\outputpenalty 10405,	11287, 11382,	23145, 23315,
10408, 10417,	11471, 11495,	23319, 23322,
10420, 10430,	11501, 11506,	23326, 23891,
10433, 18590, 18591	11510, 11515,	23910, 24424,
	11571, 11573,	24699, 24867,
	11575, 11577,	



24870, 24874,	18458, 18461,	19337, 19678,
24979, 24982,	18464, 18467,	19681, 19692,
24986, 25398,	18470, 18473,	25890, 25895, 25953
25401, 25405,	18476, 18479,	\paperheight . . . 2886,
25411, 25526,	18482, 18485,	2891, 2898, 3191,
25710, 26408, 26871	18488, 19840,	3192, 3197, 3215,
\p@enumiv 86, 289, 580,	24324, 24677, 26434	3249, 3250, 3580,
715, 978, 1228,	\PackageInfo . . . . .	4793, 4796, 4799,
2526, 5028, 9205,	. . . . . 5427, 6690,	4802, 4805, 4808,
9393, 9702, 11264,	6792, 6939, 7131,	4811, 4812, 10977,
11535, 15439,	17980, 20649, 25752	21844, 22584, 23357
17809, 20786,	\PackageWarning . . .	\paperwidth . . . . 1929,
21180, 21374,	. . . . . 138, 5426,	2067, 2380, 2397,
21577, 22117,	6043, 6160, 6793,	2411, 2942, 3282,
22878, 23643, 24363	6822, 9025, 10497,	3284, 3286, 3287,
\p@subfigure . . . . . 24088	10595, 15705,	3300, 3307, 3308,
\p@subtable . . . . . 24089	16411, 17938,	3312, 3320, 3321,
\PackageError . . 144,	17950, 19774,	3338, 3341, 3344,
5186, 5241, 5244,	19834, 19990,	3365, 3367, 3372,
5249, 5252, 5257,	24668, 25019, 25110	3374, 3389, 3391,
5260, 5265, 5268,	\PackageWarningNoLine	3393, 3395, 3416,
5425, 7002, 7129,	. . . . . 5061, 5455,	3452, 3479, 3562,
8237, 18099,	5480, 5509, 5534,	3564, 3569, 3571,
18106, 18274,	5566, 5572, 5600,	3582, 3606, 3619,
18277, 18280,	5606, 6989, 11973	3622, 3628, 3633,
18283, 18286,	\page@sofar . . . 164, 19746	3655, 3663, 3675,
18289, 18292,	\pagebreak . . . . .	3695, 3701, 3703,
18295, 18299,	. 18509, 25898, 25907	3717, 3721, 3743,
18302, 18305,	\pagecontents . . . . 20462	3747, 3755, 3758,
18308, 18311,	\pagedepth . . . . . 25892	3764, 3767, 3774,
18314, 18317,	\pagefillstretch . 25904	3777, 3791, 3796,
18320, 18323,	\pagefilstretch . . 25903	3798, 3811, 3815,
18326, 18329,	\pagefootnoterule .	3834, 3837, 3840,
18332, 18335,	. . . . . 15988, 15996	3846, 3849, 3865,
18338, 18341,	\pagegoal 16305, 16307,	3868, 3883, 4794,
18344, 18347,	16312, 16319,	4797, 4800, 4803,
18350, 18353,	16360, 16362,	4806, 4809, 4812,
18356, 18359,	18596, 19680, 25895	4813, 10977,
18362, 18365,	\pageinwindow . . . . 10016	10984, 10994,
18368, 18371,	\pagenumbering 4865, 8719	21842, 22582, 23355
18374, 18377,	\pageref . . . . . 5004, 5006	\par 5, 15, 46, 60, 76, 107,
18380, 18383,	\pageshrink . . . 10252,	108, 109, 110, 200,
18386, 18389,	10255, 10281,	210, 227, 228, 229,
18392, 18395,	10305, 16321,	249, 263, 278, 310,
18398, 18401,	16325, 16341,	313, 404, 423, 429,
18404, 18407,	16367, 16379, 25898	431, 432, 451, 494,
18410, 18413,	\pagestretch . . . . .	500, 504, 516, 535,
18416, 18419,	. . 10306, 16320,	562, 565, 631, 641,
18422, 18425,	16341, 16379, 25902	655, 668, 695, 756,
18428, 18431,	\pagestyle 2057, 4364,	766, 773, 774, 802,
18434, 18437,	4856, 4864, 5007,	841, 847, 851, 883,
18440, 18443,	7484, 8720, 10581	897, 912, 938, 952,
18446, 18449,	\pagetotal . . . 16307,	1008, 1018, 1025,
18452, 18455,	16312, 16318,	1026, 1054, 1093,



1099, 1103, 1138,	11392,	11393,	20758,	20827,
1151, 1179, 1190,	11412,	11455,	20837,	20844,
1200, 1258, 1268,	11461,	11465,	20845,	20873,
1275, 1276, 1304,	11476,	11500,	20912,	20918,
1344, 1350, 1355,	11505,	11514,	20922,	20966,
1360, 1363, 1538,	11548,	11553,	20976,	20983,
1541, 1546, 1578,	11556,	11558,	20984,	21014,
1583, 1590, 1697,	11559,	11569,	21058,	21064,
1705, 1712, 1723,	11991,	12204,	21069,	21074,
1732, 1741, 2127,	12207,	12210,	21077,	21092,
2332, 2439, 2693,	12497,	12500,	21105,	21130,
2697, 2723, 2730,	12503,	12790,	21146,	21156,
2737, 2752, 2763,	12793,	12796,	21220,	21225,
2767, 2778, 2782,	13089,	13092,	21231,	21233,
2793, 2797, 2968,	13095,	13388,	21234,	21253,
2975, 2981, 2987,	13391,	13394,	21263,	21301,
2994, 3006, 3018,	13687,	13690,	21306,	21309,
3040, 3047, 3061,	13693,	13986,	21320,	21337,
3068, 3087, 3140,	13989,	13992,	21412,	21418,
3146, 3152, 3463,	14285,	14288,	21420,	21421,
3465, 3513, 3534,	14291,	14584,	21440,	21483,
3542, 3610, 3612,	14587,	14590,	21489,	21493,
3708, 3710, 3803,	15216,	15227,	21505,	21522,
3805, 4359, 4395,	15241,	15250,	21551,	21555,
4782, 7358, 7366,	15379,	15396,	21563,	21792,
7425, 7426, 7429,	15405,	15409,	21885,	21886,
7430, 7455, 7464,	15417,	15456,	21891,	21894,
7465, 7634, 7650,	15462,	15464,	21896,	21903,
8374, 8489, 8490,	15465,	15482,	21907,	21909,
8491, 8492, 8617,	15521,	15527,	21911,	21926,
8619, 8621, 8639,	15531,	15699,	21930,	21952,
8640, 8641, 8815,	16162,	17831,	21960,	22088,
8922, 8936, 8947,	17832,	17833,	22207,	22264,
8965, 9040, 9048,	17852,	17862,	22272,	22275,
9073, 9144, 9157,	17870,	17898,	22283,	22285,
9182, 9193, 9255,	17903,	17906,	22296,	22303,
9265, 9272, 9273,	17908,	17997,	22532,	22625,
9321, 9334, 9359,	18140,	18542,	22626,	22631,
9381, 9432, 9442,	18669,	18692,	22634,	22636,
9449, 9450, 9473,	18696,	19324,	22643,	22647,
9481, 9493, 9528,	19396,	19402,	22649,	22651,
9534, 9536, 9537,	19408,	19412,	22666,	22670,
9556, 9599, 9605,	19418,	19433,	22692,	22700,
9609, 9621, 9638,	19452,	19461,	22968,	23025,
9668, 9673, 9681,	19718,	19730,	23033,	23036,
9758, 9899, 10702,	19743,	19903,	23044,	23046,
10723, 11210,	19915,	19977,	23057,	23064,
11222, 11238,	20269,	20440,	23305,	23398,
11241, 11249,	20441,	20442,	23399,	23404,
11289, 11295,	20443,	20556,	23407,	23409,
11297, 11298,	20557,	20564,	23416,	23420,
11315, 11354,	20565,	20625,	23422,	23424,
11360, 11364,	20696,	20706,	23439,	23443,
11384, 11390,	20720,	20733,	23465,	23473,



23733,	23790,	19941,	19943,	1057,	1117,	1135,
23798,	23801,	19944,	19945,	1148,	1174,	1244,
23809,	23811,	19946,	19948,	1261,	2721,	2728,
23822,	23829,	19949,	19950,	2735,	3138,	3144,
24119,	24729,	19951,	19952,	3150,	4399,	4860,
24735,	24892,	19953,	19955,	7186,	7857,	8366,
25001,	25125,	19956,	19957,	8408,	8416,	8481,
25621,	25723,	19958,	19959,	8634,	8940,	9043,
25780,	25781,	19960,	19962,	9123,	9141,	9154,
25787,	25788,	19963,	19964,	9177,	9241,	9258,
25790,	25798,	19965,	19966,	9300,	9318,	9331,
25851,	26117,	22319,	23081,	9354,	9418,	9435,
26118,	26127,	\parfillskip . . . . 13,			9469,	9489,
26128,	26286,	208,	514,	531,	650,	9511,
26295,	26304,	666,	691,	877,	9560,	9618,
26313,	26382,	893,	910,	1133,	9633,	9664,
26421,	26850,	1149,	1175,	8365,	9782,	9782,
\par@updaterelative		8941,	9139,	9155,	9813,	9904,
. 21882, 22622, 23395		9178,	9316,	9332,	11205,	11219,
\paragraph . . . . . 8270		9355,	9619,	9634,	11233,	11246,
\ParagraphFootnotes		9786,	9905,	11206,	11319,	11416,
. . . . . 14811		11220,	11474,		11473,	11496,
\paragraphfootnotes		15083,	15087,		11511,	11625,
. . . . . 14758		15091,	15377,		12009,	12199,
\parbox . . . . . 4953,		15392,	17860,		12492,	12785,
4955,	10569,	18676,	19711,		13084,	13383,
11564,	15580,	19723,	19735,		13682,	13981,
15581,	15582,	20579,	20592,		14280,	14579,
15586,	15587,	20605,	20616,		15082,	15086,
15588,	16970,	20715,	20731,		15090,	15255,
16972,	16976,	20754,	21087,		15376,	15391,
16978,	17009,	21103,	21126,		15402,	15414,
17010,	17013,	21318,	21333,		15486,	16684,
17014,	17071,	21503,	21518,		17827,	17859,
17072,	17075,	24275,	24304,		18672,	19712,
17076,	17100,	24334,	24453,		19724,	19736,
17102,	17106,	24484,	24507,		19970,	20580,
17108,	18546,	24524,	24541,		20593,	20606,
19390,	19419,	24558,	24575,		20617,	20681,
19901,	19903,	24592,	24610,		20717,	20730,
19904,	19906,	24629,	24649,		20753,	20813,
19908,	19909,	24684,	24879,		20830,	20936,
19911,	19913,	24991,	25059,		20952,	20969,
19915,	19916,	25061,	25125,		21089,	21102,
19918,	19920,	25595,	25597,		21125,	21220,
19921,	19922,	25711,	26324,	26409	21263,	21300,
19923,	19924,	\parindent . . . . . 12,			21317,	21332,
19925,	19927,	42,	56,	72,	21396,	21444,
19928,	19929,	207,	223,	245,	21502,	21517,
19930,	19931,	274,	455,	513,	21548,	21560,
19932,	19933,	557,	601,	616,	21754,	21793,
19934,	19935,	665,	690,	742,	22493,	22533,
19936,	19938,	865,	880,	892,	23266,	23306,
19939,	19940,	946,	994,	1011,	24285,	24322,
					24423,	24454,
					24485,	24508,
					24525,	



24542,	24559,	25889, 25893, 26223	\pgf@process . . . . .
24576,	24593,	\part . . . . . 23, 17846	. 20224, 20227, 20234
24611,	24630,	\partname . . . . 561, 11237	\pgf@relevantforpicturesizefalse
24650,	24685,	\partopsep . . . . .	. . . . . 20223
24878,	24990,	2523, 8430, 19375,	\pgf@relevantforpicturesizetrue
25064,	25066,	19377, 20054, 20074	. . . . . 20207
25531,	25592,	\PassOptionsToClass	\pgf@remember@layerlist@globally
25593,	25712,	8672, 8673, 8674,	. . . . . 20241
26123,	26133,	8675, 8676, 8696,	\pgf@resetpathsizes
26224,	26324,	8697, 8698, 8699, 8700	. . . . . 20208
26349, 26350, 26410		\PassOptionsToPackage	\pgf@restore@layerlist@from@global
\parsep . . . 949, 7178,		. . . . . 7689, 8519	. . . . . 20245
7179, 8388, 8389,		\pbs . . . . . 20118, 20136	\pgf@shift@baseline
8427, 8454, 26223		\pdfencryptsetup . .	. . . . . 20225
\parshape . . . . 9755,		. . . 4069, 4070, 4178	\pgf@trimleft . . . 20227
16433, 16441,		\pdflastxpos . . 5437,	\pgf@trimleft@final
18047, 20060,		5465, 5545, 5582	. 20229, 20230, 20232
20080, 20275,		\pdflastypos . . 5491,	\pgf@trimright . . . 20234
20440, 20442,		5519, 5548, 5585	\pgf@trimright@final
21219, 21262,		\pdfm@box . . . 17776,	. 20236, 20237, 20239
21773, 21775,		17784, 17793, 17801	\pgf@x . . . . . 20228,
21786, 21788,		\pdfsavepos 5447, 5449,	20232, 20235, 20239
22512, 22514,		5472, 5474, 5501,	\pgf@y . . . . . 20225
22526, 22528,		5503, 5526, 5528,	\pgfdeclarehorizontalshading
23285, 23287,		5558, 5560, 5592, 5594	. . . . . 3580
23299, 23301,		\pdfstringdefDisableCommands	\pgfdefobject . . . .
26117, 26127,		. . . . . 17700	. . . 2603, 2623, 2646
26253, 26288,		\penalty . . 751, 1003,	\pgfmathsetmacro . . 3281
26290, 26291,		1253, 8861, 9183,	\pgfpathcircle . . . 1533
26292, 26297,		9250, 9360, 9427,	\pgfpathclose . 2842, 2858
26299, 26300,		9639, 9743, 9749,	\pgfpathcurveto 1800,
26301, 26306,		10402, 10414,	2834, 2838, 2850, 2854
26308, 26309,		10427, 14733,	\pgfpathlineto . 1799,
26310, 26315,		15084, 15088,	1806, 1807, 2833, 2849
26317, 26318, 26319		15092, 15397,	\pgfpathqcurveto 1798,
\parskip 103, 223, 602,		16342, 20759,	2831, 2832, 2847, 2848
617, 866, 1118,		20822, 20961,	\pgfpathqlineto 2606,
2061, 2767, 2782,		21131, 21338,	2607, 2626, 2627,
2797, 3088, 3133,		21523, 24893,	2629, 2630, 2649, 2650
4392, 4861, 7187,		25519, 25627, 25894	\pgfpathqmoveto . . .
7858, 8409, 8417,		\pgf@baseline . . . 20224	1797, 2605, 2625,
8480, 8635, 8939,		\pgf@insertlayers 20246	2628, 2648, 2830, 2846
9042, 9077, 9124,		\pgf@nodecallback 20202	\pgfpathrectangle .
9301, 9512, 10406,		\pgf@oldpicture . . 20209	. . . . 1820, 2413,
10418, 10431,		\pgf@picmaxx . . 20203,	2426, 3622, 3628,
11552, 11555,		20215, 20217, 20235	3663, 3721, 3747, 3815
11557, 11559,		\pgf@picmaxy 20205, 20219	\pgfpic . . . . . 20255
17827, 17902,		\pgf@picminx . . . . .	\pgfpicture . . . . . 20196
17905, 17907,		. 20204, 20218, 20228	\pgfpictureid 20201, 20212
18672, 18681,		\pgf@picminy 20206, 20220	\pgfpicturetrue . . .
20275, 20628,		\pgf@picture . . . . 20209	. . . . . 1828, 20199
20682, 20937,		\pgf@picture@serial@count	\pgfpoint . . . . 1533,
21300, 21397,		. . . . . 20200, 20201	1799, 1801, 1802,
24424, 25531,			1803, 1806, 1807,



1820, 1822, 2413, 2419, 2426, 2432, 2603, 2623, 2646, 2833, 2835, 2836, 2837, 2839, 2840, 2841, 2849, 2851, 2852, 2853, 2855, 2856, 2857, 3202, 3209, 3622, 3628, 3663, 3721, 3747, 3815	\pgfpointorigin ... 3628 \pgfsetcolor ..... 1828 \pgfsetfading .. 3623, 3664, 3722, 3748, 3816 \pgfsetfillcolor .. .... 3621, 3659, 3661, 3720, 3746, 3814 \pgfsetfillopacity 2350 \pgfsetlinewidth .. 2829 \pgfsys@discardpath ..... 20248 \pgfsys@endpicture 20251 \pgfsys@endscope . 20250 \pgfsys@markposition ..... 20212 \pgfsys@shadingoutsidepgfpicture ..... 20260 \pgfsys@typesetpicturebox ..... 20255 \pgftext ..... 1535, 1689, 1690, 1822, 2351, 2352, 2412, 2420, 2425, 2433, 3203, 3210, 3630 \pgftransformrotate ..... 3201, 3208 \pgftransformscale ..... 2416, 2429 \pgftransformshift ..... 1822, 2419, 2432, 3202, 3209 \pgfuseobject ..... .... 2614, 2618, 2637, 2641, 2657, 2661 \pgfusepath .... 1534, 1808, 1821, 2414, 2427, 3624, 3629, 3665, 3723, 3749, 3817 \pgfusepathqfill 2608, 2631, 2651, 2843 \pgfusepathqstroke 2859 \pgfuseshading . 1822, 3587, 3589, 3653, 3696, 3741, 3792, 3899	\pgfutil@gobble .. 20202 \pgfutil@ifnextchar ..... 20209 \phantom ... 18923, 19769 \phantomsection ... 4951 \phone ..... 4911 \phonesymbol ..... . 4871, 10576, 10674 \photo ..... 4916 \picbox ..... 20380 \picinwindow ..... 10036 \picwd ..... 20268, 20271, 20379, 20381 \place@tag . 338, 339, 341 \plainauthor ..... .... 7496, 8539, 8541, 8580, 8581, 8584 \plainfootnotes .. 11801 \plainpublisher ... ... 8542, 8607, 8608 \plaintitle 7497, 7498, 8539, 8540, 8563, 8564, 8567, 8735, 8737 \plitemsep ..... 8428 \plparsep ..... 8427 \plparstopsep ..... 8430 \pLRE 4011, 4012, 4298, 4299 \PLS@Rotate ..... . 20140, 20142, 20144 \pltopsep ..... 8429 \poem@finish ..... ... 8972, 9022, 9029 \poem@line 8899, 8905, 8956 \poem@linebegin 8856, 8914 \poem@lineend . 8857, 8920 \poem@lineparsebegin ... 8868, 8925, 8952 \poem@lineparseend ... 8894, 8906, 8963 \poem@lineversesep ..... 8858, 8917 \poem@needrun .. 8850, 8969, 9024, 9026 \poem@obeylines 8951, 9020, 9060, 9084 \poem@prop ... 8932, 9034 \poem@startedfalse ... 8949, 9058, 9064 \poem@startedtrue . ..... 8907, 8908, 8948, 9050, 9052, 9057, 9065, 9067 \poem@verse ..... ... 8845, 8915, 8918	\poem@width ..... 8848, 8849, 8853, 8930, 8932, 8935, 8968 \poem@write@aux ... ... 8971, 9023, 9035 \poemblocksep ..... ... 8842, 8946, 9046 \poemcolsepskip 8833, 8862 \poemextrabaselineskip ... 8835, 8923, 8958 \poemmarginsskip ... ... 8834, 8856, 8857 \poemskip 8836, 8936, 8967 \postbibhook ..... 19468 \postCutedStrip .. 10428 \postdisplaypenalty ..... 15673, 15687 \postmath ..... 9749 \PotEndMark ..... . 11046, 11051, 11054 \preCutedStrip .... ..... 10404, 10416 \predisplaydirection ..... 20488, 20489, 26858, 26859 \predisplaypenalty ..... 15672, 15686 \premath ..... 9745 \prepare@bidi@copyins ..... 16450, 16483, 16532, 16690 \preparefootins ... ..... 16482, 16531 \PrependToTokenList 6379 \prepnext@tok ..... ... 1407, 1417, 1465, 1497, 9823, 9851 \presetkeys ..... 25880 \prevdepth 7358, 7366, 10323, 10772, 10826, 19380, 19771 \pRLE 4013, 4014, 4300, 4301 \process@cols . 19747, 19780, 19794, 19800 \ProcessOptions ... 4823, 7154, 8245, 8504, 8536, 8677, 8701, 10499, 10597 \ProcessOptionsX .. 4176 \protect ..... 400, 4011, 4012, 4013, 4014, 4241, 4298, 4299, 4300, 4301, 4603, 4609, 4615,
---	---	---	---



4621, 4630, 4636, 5700, 5701, 6337, 6343, 7044, 7457, 15762, 16176, 16190, 18164, 18169, 18530, 19454, 24109, 24110, 24114, 24122, 24391, 24735, 26060, 26762	13197, 13285, 13315, 13331, 13346, 13358, 13373, 13413, 13442, 13455, 13469, 13482, 13496, 13584, 13614, 13630, 13645, 13657, 13672, 13712, 13741, 13754, 13768, 13781, 13795, 13883, 13913, 13929, 13944, 13956, 13971, 14011, 14040, 14053, 14067, 14080, 14094, 14182, 14212, 14228, 14243, 14255, 14270, 14310, 14339, 14352, 14366, 14379, 14393, 14481, 14511, 14527, 14542, 14554, 14569, 14609, 14638, 14651, 14665, 14678, 14692, 14977, 15008, 15026, 15042, 15056, 15072, 15111, 15141, 15155, 15170, 15184, 15199, 16044, 16061, 16077, 16106, 16121, 16136	4884, 4885, 4886, 4887, 4888, 4889, 4890, 4891, 4892, 4893, 4894, 4895, 4896, 4897, 4898, 4899, 5108, 8017, 8024, 8025, 8434, 10560, 10565, 15895, 25424, 25428, 25433, 25437, 25462, 25466, 25471, 25475
\protected 4298, 4300, 5425, 5426, 5427, 5648, 5656, 5658, 5664, 5850, 5866, 5882, 5905, 5907, 5960, 6015, 6030, 20404, 20414, 20424, 20432, 25968, 26077, 26087, 26097, 26106	13741, 13754, 13768, 13781, 13795, 13883, 13913, 13929, 13944, 13956, 13971, 14011, 14040, 14053, 14067, 14080, 14094, 14182, 14212, 14228, 14243, 14255, 14270, 14310, 14339, 14352, 14366, 14379, 14393, 14481, 14511, 14527, 14542, 14554, 14569, 14609, 14638, 14651, 14665, 14678, 14692, 14977, 15008, 15026, 15042, 15056, 15072, 15111, 15141, 15155, 15170, 15184, 15199, 16044, 16061, 16077, 16106, 16121, 16136	\ProvidesClass . . . . ... 4790, 8671, 8695
\protected@edef . 43, 57, 73, 246, 260, 275, 2154, 2171, 2188, 2204, 2220, 2236, 8056, 8074, 8092, 11654, 11670, 11685, 11701, 11716, 11729, 11742, 11754, 11766, 11779, 12101, 12131, 12147, 12162, 12174, 12189, 12229, 12258, 12271, 12285, 12298, 12312, 12400, 12429, 12444, 12458, 12469, 12483, 12522, 12550, 12562, 12575, 12587, 12600, 12687, 12717, 12733, 12748, 12760, 12775, 12815, 12844, 12857, 12871, 12884, 12898, 12986, 13016, 13032, 13047, 13059, 13074, 13114, 13143, 13156, 13170, 13183,	\protected@write 4137, 4141, 7024, 7035 \protected@xdef . . . . . . . 2265, 2291, 2317, 8119, 8148, 8177, 8560, 8577, 8593, 8604, 16009, 16018, 16175, 16180, 16189, 16195, 17344, 17382, 17415, 17446, 17477, 17540 \providexcommand . . . 4868, 4869, 4870, 4871, 4872, 4873,	\ProvidesExplPackage . . . . . 18730 \ProvidesFile . . . . 1, 131, 165, 196, 326, 344, 349, 351, 410, 605, 854, 1106, 1366, 1501, 1519, 1748, 1844, 1928, 1932, 2330, 2453, 2539, 2550, 2667, 2671, 2870, 2873, 2940, 3035, 3160, 3164, 3169, 3259, 3331, 3385, 3408, 3436, 3556, 3579, 3646, 3734, 3829, 3888, 3898, 9112, 9289, 9466, 9499, 9712, 9767, 9809, 9811, 9814, 9852, 9895, 9910, 10006, 10044, 10688, 10853, 10972, 10975, 11036, 11198, 11371, 11545, 11578, 15369, 15545, 15574, 15590, 15667, 15697, 15706, 15711, 15861, 16204, 16271, 16448, 16691, 16818, 16860, 17161, 17805, 17891, 17895, 17917, 18054, 18093, 18197, 18491, 18617, 18647, 18655, 19312,





<code>\RaggedLeftParindent</code>	3233, 3241, 3856,	207, 209, 223, 232,
..... 20593	3875, 15568, 17843	288, 301, 319, 400,
<code>\RaggedLeftRightskip</code>	<code>\raisebox</code> ..... 7409,	414, 415, 416, 437,
..... 20590	7414, 7425, 7426,	438, 439, 440, 445,
<code>\raggedpart</code> ..... 22072	7429, 7430, 11044,	446, 447, 448, 472,
<code>\RaggedRight</code> .. 20597,	11049, 11065,	473, 474, 475, 476,
20635, 20650,	11068, 11184,	481, 482, 483, 484,
20655, 20667,	16983, 16985,	508, 602, 617, 624,
20669, 23998,	16989, 16991,	654, 660, 678, 731,
23999, 26976,	17018, 17019,	738, 739, 740, 744,
26980, 26986, 26990	17022, 17023,	753, 762, 779, 780,
<code>\raggedright</code> .... 25,	17080, 17081,	785, 786, 787, 788,
104, 224, 557,	17084, 17085,	791, 794, 798, 823,
1506, 1514, 1725,	17113, 17115,	824, 825, 830, 831,
1734, 1743, 2736,	17119, 17121, 18048	832, 833, 866, 882,
2908, 3151, 9469,	<code>\rangle</code> ..... 4512	904, 922, 931, 965,
9489, 9664, 9678,	<code>\ratio</code> ..... 3074, 3389	990, 991, 992, 996,
11233, 11246,	<code>\rawtext</code> ..... 20275,	1005, 1014, 1031,
11496, 11511,	20281, 20303,	1032, 1037, 1038,
11548, 11551,	20304, 20385, 20389	1039, 1040, 1043,
11556, 11564,	<code>\rbrace</code> .... 26179, 26188	1046, 1050, 1075,
15402, 15414,	<code>\rcb</code> . 4513, 4516, 4517, 4521	1076, 1077, 1082,
17828, 17848,	<code>\rcol@footinsskip</code> .	1083, 1084, 1085,
17898, 17901,	..... 16463, 16512	1118, 1125, 1137,
17906, 19351,	<code>\realfootnote</code> .... 17537	1143, 1161, 1211,
19352, 20557,	<code>\recomputelengths</code> .	1240, 1241, 1242,
20559, 20565,	..... 4929, 4946	1246, 1255, 1264,
21548, 21560,	<code>\recomputethemelengths</code>	1281, 1282, 1287,
22071, 22072,	..... 4928,	1288, 1289, 1290,
22147, 22148,	4944, 10649, 10654	1293, 1296, 1300,
22149, 22151,	<code>\reflectbox</code> ..... 16752	1325, 1326, 1327,
22811, 22908,	<code>\refname</code> ... 570, 571,	1332, 1333, 1334,
22909, 22910,	705, 706, 968, 969,	1335, 1422, 1423,
22912, 23584,	1218, 1219, 5015,	1440, 1441, 1442,
23673, 23674,	8469, 11254, 11255	1750, 1921, 2270,
23675, 23677,	<code>\refstepcounter</code> 552,	2296, 2322, 2334,
25070, 25073,	11228, 15688,	2341, 2375, 2377,
25077, 25188,	16209, 16215,	2378, 2384, 2386,
26321, 26326,	17714, 18152,	2388, 2389, 2401,
26328, 26329, 26330	18158, 18493,	2417, 2418, 2430,
<code>\RaggedRightLeftskip</code>	19445, 20051,	2431, 2475, 2555,
..... 20602	20072, 22158,	2558, 2560, 2561,
<code>\RaggedRightParfillskip</code>	22919, 23684, 24388	2562, 2773, 2788,
..... 20605	<code>\regex</code> ..... 18758,	2803, 3106, 3108,
<code>\RaggedRightParindent</code>	18763, 18766,	3112, 3114, 3183,
..... 7184,	18769, 18772,	3223, 3232, 3240,
7855, 8414, 20606	18773, 18809,	4074, 4080, 4086,
<code>\RaggedRightRightskip</code>	18814, 18816,	4092, 4098, 4104,
..... 8411, 20603	18860, 18861, 18873	4116, 4122, 4128,
<code>\raggedsection</code> ....	<code>\reinsert@footnotes</code>	4135, 4144, 4145,
. 22071, 22811, 23584	..... 15363	4149, 4156, 4166,
<code>\raise</code> .... 1704, 1783,	<code>\relax</code> . 2, 8, 10, 12, 14,	4241, 4274, 4406,
2087, 2569, 2713,	28, 85, 103, 132,	4407, 4408, 4413,
2714, 2715, 3225,	166, 197, 203, 205,	4414, 4415, 4416,



4686, 4694, 4702,	10059,	10122,	14134,	14155,
4753, 4823, 5082,	10253,	10255,	14159,	14281,
5087, 5093, 5108,	10290,	10316,	14429,	14433,
5329, 5332, 5342,	10346,	10499,	14454,	14458,
5360, 5420, 5621,	10597,	10689,	14580,	14736,
5625, 5635, 5642,	10690,	10691,	14749,	14751,
5655, 5839, 5843,	10692,	10693,	14766,	14773,
6177, 6178, 6182,	10705,	10726,	14804,	14819,
6221, 6222, 6264,	10780,	10792,	14826,	14857,
6287, 6414, 6428,	10795,	10832,	14875,	14909,
6491, 6493, 6502,	10844,	10847,	14926,	14960,
6503, 6519, 6527,	11008,	11026,	15230,	15232,
6544, 6555, 6560,	11087,	11166,	15325,	15326,
6609, 6633, 6648,	11214,	11282,	15371,	15449,
6665, 6680, 6696,	11283,	11284,	15450,	15451,
6713, 6725, 6757,	11303,	11304,	15470,	15471,
6768, 6847, 7055,	11309,	11310,	15476,	15477,
7056, 7065, 7093,	11311,	11312,	15478,	15479,
7158, 7656, 7865,	11336,	11337,	15503,	15504,
7973, 8036, 8040,	11338,	11343,	15505,	15510,
8044, 8124, 8135,	11344,	11345,	15511,	15512,
8153, 8164, 8182,	11346,	11375,	15513,	15550,
8193, 8251, 8448,	11376,	11377,	15552,	15556,
8456, 8461, 8492,	11398,	11399,	15603,	15639,
8677, 8701, 8797,	11400,	11401,	15668,	15678,
8802, 8805, 8812,	11406,	11407,	15721,	15741,
8850, 8856, 8951,	11408,	11409,	15742,	15757,
8969, 8998, 9005,	11433,	11434,	15859,	15991,
9012, 9024, 9060,	11435,	11436,	16013,	16022,
9124, 9131, 9143,	11437,	11442,	16184,	16199,
9149, 9165, 9221,	11443,	11444,	16304,	16326,
9237, 9238, 9239,	11445,	11469,	16364,	16475,
9243, 9252, 9261,	11617,	11618,	16524,	16923,
9278, 9279, 9284,	11619,	11620,	16925,	16928,
9285, 9286, 9287,	11621,	11811,	16941,	16943,
9301, 9308, 9320,	11891,	11915,	16946,	17192,
9326, 9342, 9374,	12049,	12053,	17203,	17214,
9414, 9415, 9416,	12074,	12078,	17225,	17239,
9420, 9429, 9438,	12200,	12348,	17250,	17261,
9455, 9456, 9461,	12352,	12373,	17272,	17287,
9462, 9463, 9464,	12377,	12493,	17302,	17343,
9512, 9519, 9520,	12635,	12639,	17362,	17381,
9521, 9542, 9543,	12660,	12664,	17400,	17414,
9544, 9545, 9550,	12786,	12934,	17433,	17445,
9551, 9552, 9553,	12938,	12959,	17464,	17476,
9577, 9578, 9579,	12963,	13085,	17495,	17577,
9580, 9581, 9586,	13233,	13237,	17611,	17642,
9587, 9588, 9589,	13258,	13262,	17671,	17808,
9613, 9755, 9769,	13384,	13532,	17827,	17837,
9770, 9771, 9776,	13536,	13557,	17849,	17855,
9777, 9778, 9779,	13561,	13683,	17857,	17859,
9782, 9786, 9787,	13831,	13835,	17861,	17945,
9788, 9789, 9790,	13856,	13860,	17957,	17964,
9791, 9891, 9909,	13982,	14130,	17965,	17969,



17970,	17979,	21045,	21046,	22579,	22580,
18047,	18530,	21047,	21091,	22582,	22584,
18694,	18697,	21097,	21113,	22595,	22598,
18700,	18701,	21139,	21196,	22599,	22600,
18702,	18708,	21201,	21206,	22656,	22697,
19315,	19316,	21207,	21208,	22703,	22724,
19317,	19318,	21239,	21240,	22779,	22780,
19319,	19379,	21241,	21242,	22781,	22782,
19483,	19583,	21247,	21248,	22783,	22784,
19709,	19711,	21249,	21250,	22798,	22799,
19712,	19715,	21279,	21280,	22800,	22801,
19721,	19723,	21281,	21282,	22802,	22803,
19724,	19727,	21283,	21288,	22804,	22805,
19733,	19735,	21289,	21290,	22806,	22807,
19736,	19739,	21291,	21313,	22809,	22847,
19832,	19877,	21397,	21403,	23134,	23151,
20101,	20102,	21404,	21405,	23247,	23260,
20103,	20151,	21426,	21427,	23262,	23268,
20156,	20161,	21428,	21429,	23315,	23316,
20170,	20178,	21434,	21435,	23322,	23323,
20200,	20203,	21436,	21437,	23325,	23328,
20204,	20205,	21461,	21462,	23348,	23351,
20206,	20215,	21463,	21464,	23352,	23353,
20217,	20218,	21465,	21470,	23355,	23357,
20219,	20220,	21471,	21472,	23368,	23371,
20395,	20459,	21473,	21497,	23372,	23373,
20569,	20640,	21735,	21748,	23429,	23470,
20646,	20658,	21750,	21756,	23476,	23497,
20682,	20689,	21802,	21803,	23552,	23553,
20719,	20725,	21809,	21810,	23554,	23555,
20741,	20773,	21812,	21815,	23556,	23557,
20809,	20810,	21835,	21838,	23571,	23572,
20811,	20815,	21839,	21840,	23573,	23574,
20824,	20833,	21842,	21844,	23575,	23576,
20850,	20851,	21855,	21858,	23577,	23578,
20856,	20857,	21859,	21860,	23579,	23580,
20858,	20859,	21916,	21957,	23582,	23612,
20862,	20865,	21963,	21984,	23899,	23916,
20869,	20894,	22039,	22040,	24007,	24044,
20895,	20896,	22041,	22042,	24107,	24122,
20901,	20902,	22043,	22044,	24132,	24134,
20903,	20904,	22058,	22059,	24163,	24321,
20937,	20946,	22060,	22061,	24339,	24340,
20947,	20948,	22062,	22063,	24424,	24433,
20954,	20963,	22064,	22065,	24451,	24454,
20972,	20989,	22066,	22067,	24457,	24482,
20990,	20991,	22069,	22087,	24485,	24488,
20992,	20997,	22372,	22388,	24505,	24508,
20998,	20999,	22474,	22487,	24511,	24522,
21000,	21003,	22489,	22495,	24525,	24528,
21006,	21010,	22542,	22543,	24539,	24542,
21035,	21036,	22549,	22550,	24545,	24554,
21037,	21038,	22552,	22555,	24556,	24559,
21039,	21044,	22575,	22578,	24562,	24571,



24573,	24576,	\remainxox . . . . .	7492, 7841, 7842,
24579,	24590,	. 19948, 19957, 19966	7843, 7844, 7845,
24593,	24596,	\remainxx . . 19906, 19908	7846, 7847, 7848,
24608,	24611,	\remainxxx . . . . .	7849, 7903, 8018,
24614,	24627,	. . . 19911, 19913,	8027, 8048, 8066,
24630,	24633,	19915, 19940, 19943	8084, 8199, 8200,
24647,	24650,	\remainxxxx . . . 19918,	8201, 8283, 8292,
24653,	24665,	19920, 19922,	8344, 8352, 8376,
24680,	24682,	19924, 19950,	8381, 8392, 8393,
24685,	24688,	19952, 19955,	8394, 8395, 8396,
24702,	24732,	19959, 19962, 19964	8397, 8398, 8464,
24733,	24734,	\remainxxxxx . . . . .	8469, 8471, 8472,
24863,	24887,	. . 19927, 19929,	8489, 8490, 8491,
24975,	25004,	19931, 19933, 19935	8492, 8549, 8550,
25016,	25028,	\remove@strip . 19491,	8551, 8553, 8557,
25033,	25036,	19521, 19591, 19621	8558, 8559, 8563,
25040,	25042,	\renewcommand . . . 19,	8564, 8570, 8574,
25056,	25058,	20, 21, 22, 86,	8575, 8576, 8580,
25066,	25084,	168, 214, 215,	8581, 8586, 8590,
25088,	25100,	216, 217, 289, 329,	8591, 8592, 8601,
25101,	25103,	412, 451, 453, 507,	8602, 8603, 8607,
25109,	25117,	524, 538, 542, 546,	8608, 8630, 8654,
25119,	25191,	547, 548, 549, 581,	8716, 8729, 8734,
25205,	25239,	621, 643, 659, 677,	8742, 9128, 9132,
25246,	25252,	685, 698, 700, 701,	9148, 9164, 9172,
25339,	25398,	702, 703, 716, 722,	9186, 9206, 9212,
25401,	25405,	728, 734, 735, 745,	9218, 9223, 9224,
25411,	25456,	802, 804, 870, 887,	9225, 9226, 9227,
25525,	25533,	900, 903, 921, 928,	9228, 9230, 9232,
25534,	25536,	954, 955, 956, 957,	9234, 9244, 9305,
25537,	25550,	958, 963, 979, 986,	9309, 9325, 9341,
25561,	25565,	987, 997, 1054,	9349, 9363, 9365,
25570,	25575,	1056, 1122, 1126,	9371, 9394, 9400,
25583,	25587,	1142, 1160, 1169,	9401, 9402, 9403,
25596,	25597,	1182, 1202, 1208,	9404, 9405, 9407,
25608,	25616,	1213, 1214, 1215,	9409, 9411, 9421,
25627,	25633,	1216, 1229, 1236,	9517, 9556, 9558,
25637,	25641,	1237, 1247, 1304,	9612, 9627, 9642,
25658,	25662,	1306, 1510, 1749,	9646, 9650, 9652,
25711,	25712,	1933, 2097, 2144,	9654, 9656, 9657,
25715,	25763,	2161, 2178, 2195,	9658, 9659, 9660,
25771,	25912,	2211, 2227, 2251,	9661, 9684, 9703,
25995,	26044,	2277, 2303, 2473,	9768, 9773, 9795,
26059,	26152,	2527, 2668, 3086,	9802, 9812, 9896,
26209,	26221,	4395, 4397, 4815,	9901, 9911, 9934,
26272,	26352,	4816, 4817, 4853,	9957, 9980, 10007,
26355,	26357,	4854, 4859, 4908,	10023, 10500,
26409,	26410,	4912, 4943, 4948,	10540, 10541,
26413,	26433,	5029, 6607, 6631,	10542, 10543,
26442,	26446,	6963, 6968, 6988,	10544, 10545,
26481,	26528,	7001, 7023, 7034,	10546, 10547,
26865, 26866, 26867		7162, 7171, 7212,	10561, 10566,
\remainx . . . . . 19903		7330, 7333, 7334,	10598, 10632,
\remainxox . 19938, 19945		7338, 7339, 7491,	10633, 10634,



10635,	10636,	17892,	17896,	21344,	21348,
10637,	10638,	17909,	17913,	21352,	21354,
10639,	10649,	17922,	17923,	21356,	21358,
10661,	10849,	17924,	17925,	21359,	21360,
10850,	10851,	18556,	19313,	21361,	21362,
10973,	10976,	19324,	19347,	21375,	21401,
10980,	11006,	19348,	19349,	21440,	21442,
11171,	11172,	19350,	19351,	21496,	21511,
11199,	11213,	19352,	19353,	21526,	21530,
11265,	11271,	19354,	19356,	21534,	21536,
11275,	11280,	19358,	19360,	21538,	21540,
11315,	11317,	19362,	19363,	21541,	21542,
11367,	11368,	19365,	19366,	21543,	21544,
11369,	11370,	19373,	19374,	21545,	21578,
11373,	11412,	19376,	19382,	21722,	21726,
11414,	11468,	19383,	19901,	21730,	21734,
11482,	11484,	19904,	19909,	21800,	21807,
11486,	11488,	19916,	19925,	21814,	21864,
11489,	11490,	19936,	19941,	21866,	21985,
11491,	11492,	19946,	19953,	21987,	22073,
11493,	11517,	19960,	19977,	22074,	22075,
11536,	11546,	19979,	19996,	22078,	22079,
11559,	11570,	20046,	20067,	22093,	22118,
11574,	11646,	20148,	20157,	22147,	22148,
11677,	11708,	20555,	20558,	22149,	22150,
11722,	11747,	20567,	20571,	22153,	22194,
11759,	15370,	20584,	20597,	22211,	22225,
15385,	15420,	20610,	20622,	22231,	22310,
15424,	15440,	20686,	20708,	22333,	22335,
15447,	15482,	20724,	20740,	22356,	22358,
15484,	15534,	20748,	20762,	22360,	22363,
15535,	15536,	20764,	20770,	22369,	22377,
15537,	15538,	20787,	20793,	22379,	22381,
15539,	15541,	20794,	20795,	22387,	22389,
15543,	15668,	20796,	20797,	22461,	22465,
15678,	15698,	20798,	20800,	22469,	22473,
15707,	15812,	20802,	20805,	22540,	22547,
15831,	15833,	20806,	20816,	22554,	22604,
15835,	15837,	20873,	20875,	22606,	22725,
15838,	15839,	20942,	20943,	22727,	22812,
15840,	15841,	20955,	21014,	22813,	22821,
15842,	15844,	21016,	21080,	22822,	22825,
15846,	15848,	21096,	21112,	22826,	22830,
15850,	15851,	21120,	21134,	22833,	22835,
15852,	15853,	21136,	21158,	22854,	22879,
15854,	15855,	21159,	21160,	22908,	22909,
15856,	15866,	21161,	21162,	22910,	22911,
15935,	16208,	21163,	21165,	22914,	22955,
16214,	16233,	21167,	21181,	22972,	22986,
16245,	16257,	21187,	21193,	22992,	23072,
16272,	16819,	21198,	21204,	23095,	23097,
16829,	17809,	21212,	21253,	23118,	23120,
17866,	17867,	21255,	21312,	23122,	23125,
17868,	17869,	21326,	21341,	23131,	23139,



23141,	23144,	26975,	26977,	8016, 8235, 8410,
23150,	23152,	26979,	26983,	8421, 8473, 8499,
23234,	23238,	26985, 26989, 26991		8507, 8524, 8679,
23242,	23246,	\RenewDocumentCommand		8680, 8681, 8682,
23313,	23320,	..... 18916, 19249		8683, 8684, 8703,
23327,	23377,	\renewenvironment 83,		8704, 8705, 8706,
23379,	23498,	286, 569, 590,		8707, 8708, 26905,
23500,	23585,	606, 626, 633,		26908, 26909,
23586,	23590,	704, 855, 933,		26910, 26911, 26965
23591,	23594,	940, 967, 1107,		\RequireXeTeX . 3965, 4282
23595,	23599,	1185, 1192, 1217,		\reserved@a 4732, 4736,
23602,	23604,	1845, 2105, 2514,		4742, 4745, 4748,
23619,	23644,	7433, 7436, 7439,		4751, 5172, 5176,
23673,	23674,	7442, 8440, 8450,		5687, 5688, 5689,
23675,	23676,	8458, 8474, 8685,		6812, 6820, 6830,
23679,	23720,	9113, 9188, 9194,		6832, 6839, 6841,
23737,	23751,	9290, 9376, 9382,		6846, 6848, 6849,
23757,	23837,	9500, 9691, 9753,		6852, 6855, 6891,
23860,	23862,	9774, 9908, 11253,		6892, 6893, 6895,
23883,	23885,	11524, 15428,		6902, 6905, 6930,
23887,	23890,	15685, 16289,		6931, 6951, 6953,
23896,	23904,	19464, 19968,		6957, 6964, 6966,
23906,	23909,	20083, 20671,		7045, 7046, 25021,
23915,	23917,	20691, 20698,		25022, 25023,
23994,	23997,	20775, 20926,		25024, 25025,
24270,	24299,	21141, 21148,		25027, 25028,
24305,	24337,	21169, 21363,		25029, 25031,
24350,	24364,	21385, 21566,		25033, 25036,
24375,	24431,	22082, 22843,		25040, 25073,
24478,	24497,	23608, 24351,		25074, 25077,
24519,	24536,	24354, 24380, 26191		25078, 25627, 25628
24553,	24570,	\renewrobustcmd ...		\reserved@b 4712, 4713,
24587,	24605,	. 18685, 18711, 18722		5172, 5176, 5177,
24623,	24624,	\renewtagform .... 18653		6802, 6803, 6831,
24643,	24644,	\repeat 4194, 4195, 4196,		6889, 6891, 6908,
24663,	24731,	6441, 6448, 10022,		6925, 6926, 6931,
25012,	25077,	10298, 14745,		6936, 6938, 6939,
25390,	25392,	18007, 20293,		6941, 6944, 6964, 6966
25394,	25410,	20340, 20351,		\reserved@c .... 6904,
25417,	25419,	20362, 20390, 24146		6907, 6908, 6912,
25421,	25441,	\RequirePackage ...		6923, 6936, 6950, 6954
25455,	25460,	.... 3964, 3966,		\reserved@d .... 5171,
25480,	25483,	3967, 3968, 3969,		5176, 6924, 6943, 6956
25484,	25499,	3970, 4201, 4420,		\reset@dir . 20459, 26152
25505,	25511,	4421, 4825, 4826,		\reset@font .... 37,
25631,	25738,	4827, 4828, 4835,		51, 67, 240, 254,
25760,	25778,	4836, 4851, 4904,		269, 2151, 2168,
25800,	25812,	6810, 6811, 6827,		2185, 2200, 2216,
25848,	26327,	6871, 6872, 6875,		2232, 7736, 7780,
26328,	26559,	7127, 7189, 7191,		7824, 8052, 8053,
26560,	26561,	7198, 7219, 7223,		8070, 8071, 8088,
26871,	26914,	7259, 7260, 7483,		8089, 11650,
26916,	26917,	7693, 7694, 7695,		11666, 11681,
26918,	26973,	7696, 7900, 7901,		11697, 11712,



11727,	11740,	14636,	14649,	\rightline ... 20492,
11752,	11764,	14663,	14676,	26337, 26341, 26343
11777,	12099,	14690,	14975,	\rightlinenumbers .
12129,	12145,	15006,	15024,	..... 18081, 18089
12160,	12172,	15040,	15054,	\rightmargin ... 948,
12187,	12227,	15070,	15109,	8426, 8445, 8453,
12256,	12269,	15139,	15153,	8459, 16426,
12283,	12296,	15168,	15182,	16430, 20565,
12310,	12398,	15197,	15773,	21748, 22487,
12427,	12442,	16038,	16039,	23260, 26214,
12456,	12467,	16055,	16056,	26225, 26231,
12481,	12520,	16071,	16072,	26237, 26245, 26249
12548,	12560,	16102,	16103,	\rightskip ..... 12,
12573,	12585,	16117,	16118,	13, 207, 208, 305,
12598,	12685,	16132,	16133,	309, 513, 530, 533,
12715,	12731,	26654, 26698, 26798		534, 624, 637, 648,
12746,	12758,	\ResetCounterPerPage		649, 654, 665, 690,
12773,	12813,	..... 4202, 5042		693, 694, 875, 876,
12842,	12855,	\resizebox ..... 16773		882, 892, 895, 896,
12869,	12882,	\restore@protect .. 5702		909, 931, 1125,
12896,	12984,	\restoreCaptionSkip		1131, 1132, 1137,
13014,	13030,	..... 16954		1148, 1174, 1177,
13045,	13057,	\restorecounters@ 11098		1178, 1196, 1874,
13072,	13112,	\restylefloat ..... 7683		1875, 1878, 2674,
13141,	13154,	\resumename ..... 4905		2684, 3170, 3172,
13168,	13181,	\righskip ..... 24733		8364, 8371, 8372,
13195,	13283,	\right 26179, 26188, 26190		8942, 9131, 9137,
13313,	13329,	\right@cor ... 19493,		9138, 9143, 9154,
13344,	13356,	19494, 19593, 19594		9177, 9180, 9181,
13371,	13411,	\right@footnoterule		9308, 9314, 9315,
13440,	13453,	... 26, 230, 414,		9320, 9331, 9354,
13467,	13480,	542, 728, 738, 963,		9357, 9358, 9618,
13494,	13582,	990, 1208, 1240,		9633, 9636, 9637,
13612,	13628,	2196, 2212, 9218,		9769, 9770, 9771,
13643,	13655,	9237, 9371, 9414,		9897, 9898, 9904,
13670,	13710,	9519, 9646, 11275,		11205, 11208,
13739,	13752,	11282, 11375,		11209, 11219,
13766,	13779,	11574, 15424,		11473, 12008,
13793,	13881,	15449, 15951,		15254, 15376,
13911,	13927,	15965, 15975,		15391, 15394,
13942,	13954,	16098, 16128,		15395, 17859,
13969,	14009,	17835, 17913,		17860, 18675,
14038,	14051,	18631, 18639,		19347, 19348,
14065,	14078,	19875, 20770,		19711, 19715,
14092,	14180,	20809, 20946,		19716, 19723,
14210,	14226,	21193, 21206,		19728, 19735,
14241,	14253,	21348, 21403,		19740, 20576,
14268,	14308,	21530, 21807,		20578, 20589,
14337,	14350,	21858, 22547,		20591, 20602,
14364,	14377,	22598, 23320, 23371		20604, 20613,
14391,	14479,	\rightfootnoterule		20615, 20689,
14509,	14525,	..... 4109,		20702, 20713,
14540,	14552,	10690, 11618,		20714, 20719,
14567,	14607,	15963, 16680, 26867		20730, 20753,



20756,	20757,	11415,	15485,	21620, 21658, 21669
21085,	21086,	15580,	15586,	\rotateframe 15819, 15856
21091,	21102,	16278,	16711,	\rotFPbot . . . . 21612,
21125,	21128,	16757,	16823,	21619, 21659, 21668
21129,	21139,	16824,	16837,	\rotFPtop . . . . 21610,
21152,	21201,	16838,	17893,	21621, 21657, 21670
21317,	21332,	19769,	20478,	\rrb . . . . . 4515, 4525
21335,	21336,	20876,	21017,	\rsb . . . . . 4514, 4523
21341,	21342,	21214,	21257,	\RTL . . 20442, 26127, 26129
21502,	21517,	21443,	21866,	\RTL@column@boxes .
21520,	21521,	21987,	22606,	. 19793, 19820, 19825
21740,	22479,	22727,	23379,	\RTL@outputdblcol .
23252,	24274,	23500, 24035, 26162		. . 10046, 15591,
24279,	24290,	\RLE . 4013, 4300, 17703,		16507, 19470,
24303,	24307,	20449, 20450,		26468, 26559, 26560
24327,	24330,	20454, 25765,		\RTLbidentuftsidenotemarginpar
24335,	24339,	26142, 26143, 26147		. . . . 7785, 8085, 8226
24340,	24451,	\rmfamily . . . . . 734,		\RTLcases . . 26189, 26192
24452,	24453,	986, 1236, 8254,		\RTLcite . . . . .
24461,	24482,	8307, 8310, 8314,		8012, 8132, 8161,
24483,	24484,	8317, 8321, 8324,		8190, 8212, 8221, 8230
24492,	24505,	8328, 8331, 8335,		\RTLdblcol . . . . . 26560
24506,	24507,	8338, 20805, 20942		\RTLdfnmakecol . . . 10850
24515,	24522,	\romannumeral . . . . .		\RTLfootfootmark . .
24523,	24524,	. . . . 6487, 6488,		. . 11636, 11840,
24532,	24539,	8971, 9034, 11106,		12210, 12503,
24540,	24541,	11109, 11155,		12796, 13095,
24549,	24556,	15814, 15815,		13394, 13693,
24557,	24558,	15816, 15817,		13992, 14291,
24566,	24573,	15819, 15820,		14590, 15092, 16257
24574,	24575,	15821, 15822,		\RTLfootmarkstyle .
24583,	24590,	15823, 15826,		. . . . . 11815, 11854
24591,	24592,	15827, 15828, 26217		\RTLfootnote . . . 419,
24600,	24608,	\rot@float@box 21595,		493, 2277, 4602,
24609,	24610,	21596, 21597,		4615, 8201, 8551,
24618,	24627,	21611, 21620,		9524, 9598, 11380,
24628,	24629,	21638, 21639,		11454, 16008,
24637,	24647,	21640, 21641,		16206, 16214,
24648,	24649,	21642, 21658, 21669		20951, 21057,
24657,	24682,	\rot@label . 21591, 21634		21211, 21299,
24683,	24684,	\rot@LR . . . . 21602, 21647		21408, 21482,
24692,	24732,	\rot@mess@toks 21594,		21863, 22603, 23376
24734,	25531,	21606, 21616,		\RTLfootnotetext . .
25593,	25594,	21625, 21637,		. . . . 4670, 4681,
25595,	25601,	21652, 21664, 21674		8984, 8994, 16190,
25604,	25651,	\rot@message 21625, 21674		16193, 17373,
25711,	25716,	\rot@pageref 21592, 21635		18585, 24195, 24199
25739,	25746,	\rotate . . . . . 21688		\RTLfootscript . . . .
26115,	26116,	\rotatebox . . . 15857,		. . 11815, 11843,
26322,	26349,	16886, 16935,		11847, 11849,
26350, 26409, 26414		17148, 18618,		16260, 16264, 16266
\RL . . . 17704, 20449, 26142		18620, 18622,		\RTLfoottextfont . .
\rlap 306, 454, 805, 1307,		18742, 18750,		. . . . . 11637,
4398, 9559, 11318,		19272, 21611,		11682, 11698,



11765, 11778,	10554, 11187,	22656, 22779,
11871, 12172,	11191, 11194,	23328, 23429, 23552
12187, 12210,	11631, 11637,	\scr@dte@current ..
12296, 12310,	11643, 16049,	..... 25187, 25190
12467, 12481,	16066, 16082,	\scr@dte@def@l@targettocline
12503, 12585,	16110, 16125,	..... 24898
12598, 12758,	16140, 18923, 20529	\scr@dte@def@l@tocline
12773, 12796,		..... 25148
12882, 12896,	S	\scr@dte@def@l@undottedtocline
13057, 13072,	\s ..... 18772, 18773	..... 24737
13095, 13181,	\save@dir .. 20458, 26151	\scr@dte@donumwidth
13195, 13356,	\savebox ..... 11112,	..... 25417, 25418
13371, 13394,	16883, 16885, 16965	\scr@dte@targettocline@init
13480, 13494,	\saveCaptionSkip . 16915	..... 24899
13655, 13670,	\savecounters@ ... 11095	\scr@dte@nosub 25203,
13693, 13779,	\saved@@dir ... 20458,	25205, 25235,
13793, 13954,	20459, 26151, 26152	25236, 25238,
13969, 13992,	\saved@tempdimb ...	25243, 25245,
14078, 14092,	. 10220, 10303, 10312	25250, 25251,
14253, 14268,	\sbox ..... 11178,	25263, 25268,
14291, 14377,	16917, 16934,	25276, 25281,
14391, 14552,	17934, 17942,	25335, 25337, 25488
14567, 14590,	17987, 18134,	\scr@dte@numberline@box
14676, 14690,	18547, 18741,	..... 25096, 25123
15054, 15070,	18749, 18941,	\scr@dte@pagenumberwidth
15092, 15182, 15197	19228, 19267,	..... 25134
\RTLmarginnote .... 8223	19272, 19384,	\scr@dte@tocline ..
\RTLmarginpar .... 26659	19399, 19431,	..... 25012, 25495
\RTLMulticolcolumns	20084, 24289,	\scr@dte@tocline@init
..... 19818	24306, 25098, 26848	..... 25149
\RTLsidenote .. 7955, 8197	\SC@FLOAT 23994, 26973,	\scr@dte@tocline@numberwidth
\RTLthanks . 419, 439,	26977, 26983,	..... 25099,
474, 493, 8551,	26985, 26989, 26991	25102, 25104, 25107
8559, 8576, 8592,	\SC@justify@caption	\scr@dte@tocline@numbox
8603, 9524, 9544,	.. 23997, 26975,	. 25098, 25100, 25114
9579, 9598, 11380,	26979, 26984,	\scr@dte@undottedtocline@init
11400, 11435,	26986, 26990, 26992	..... 24738
11454, 16188,	\sc@wm@text ..... 10974	\scr@endstrut . 22264,
19317, 20951,	\scalebox ..... 16771	22274, 22285,
20991, 21037,	\scantokens ... 5838, 5858	22296, 23025,
21057, 21211,	\scr@@makesinglelinecaption	23035, 23046,
21241, 21281,	.. 22182, 22202,	23057, 23790,
21299, 21408,	22225, 22943,	23800, 23811, 23822
21428, 21463,	22963, 22986,	\scr@ifundefinedorrelax
21482, 21863,	23708, 23728, 23751	.. 22237, 22250,
22042, 22603,	\scr@caption .....	22998, 23011,
22782, 23376, 23555	.. 22336, 22338,	23763, 23776,
\rtside ..... 20323,	22340, 23098,	24772, 24820,
20325, 20336,	23100, 23102,	24865, 24931,
20338, 20359, 20361	23863, 23865, 23867	24977, 25004,
\rule .. 46, 60, 76, 249,	\scr@compatibility	25025, 25030,
263, 278, 2158,	.. 21815, 21916,	25086, 25201,
2175, 2192, 2208,	22039, 22555,	25203, 25232,
2224, 2240, 4953,		25235, 25236,



25243, 25261,	\scshape . . . . . 9472	\setbeamerfont . . . . .
25263, 25274,	\secshape . . 21300, 21341	. . . 1933, 2942, 3522
25276, 25292,	\SectFont 629, 638, 936,	\setbeamertemplate
25332, 25333,	944, 1188, 1197,	. . . . . 2871,
25335, 25351,	9191, 9379, 20694,	2874, 2875, 2877,
25404, 25431,	20703, 21144, 21153	2878, 3029, 3030,
25450, 25469, 25485	\sectionfont . . . . . 20559	3031, 3036, 3044,
\scr@LT@array . 17713,	\section . . . 570, 598,	3072, 3137, 3143,
22333, 22334,	614, 629, 635, 638,	3149, 3155, 3157,
22346, 23095,	705, 863, 936, 942,	3161, 3162, 3165,
23096, 23108,	944, 968, 1115,	3166, 3167, 3176,
23860, 23861, 23873	1188, 1194, 1197,	3382, 3386, 3404,
\scr@makemultilinecaption	1218, 4949, 5015,	3474, 3642, 3730,
. . 22184, 22189,	8256, 8278, 8346,	3825, 3891, 3893, 3904
22231, 22945,	8354, 8469, 8472,	\SetBoolean . . . . . 5238
22950, 22992,	8476, 9191, 9379,	\setboolean 7133, 7134,
23710, 23715, 23757	11254, 20694,	7136, 7138, 7143,
\scr@makesinglelinecaption	20700, 20703,	7144, 7148, 7149,
. . . . . 22186,	21144, 21150, 21153	7220, 7224, 7227,
22194, 22947,	\sectionbib . . . . . 24375	7232, 7234, 7238,
22955, 23712, 23720	\sectionfont . . . 4889,	7240, 7618, 8242,
\scr@parindent . . . .	4897, 10545, 10638	8243, 8244, 8501,
. 22448, 23221, 23986	\sectionstyle . 4897, 4955	8502, 8503, 8528, 8529
\scr@samed@footnotetext	\sectiontitlecolour	\setbox . . . . . 387,
. . . . . 21719,	. . . 4880, 10507,	1413, 1415, 1416,
21723, 22458,	10515, 10522,	1472, 1768, 1774,
22462, 23231, 23235	10529, 10536,	1783, 1828, 1829,
\scr@samed@L@footnotetext	10606, 10612,	1860, 1905, 1910,
. . 21717, 21720,	10618, 10624, 10630	1921, 1975, 1977,
21727, 22456,	\selectfont . . . 347,	1979, 1981, 1986,
22459, 22466,	5643, 8617, 8619,	1997, 2012, 2017,
23229, 23232, 23239	8621, 20097, 20110	2026, 2041, 2079,
\scr@samed@RTL@footnotetext	\separatorcolumnwidth	2081, 2083, 2085,
. . 21718, 21721,	. . . . . 4920,	2091, 2145, 2162,
21731, 22457,	4921, 4932, 4938,	2179, 2197, 2213,
22460, 22470,	4954, 4959, 4965,	2229, 2340, 2360,
23230, 23233, 23243	5023, 10652, 10682	2364, 2403, 2408,
\scr@smashdp . . . . .	\SepMark . . . 26201, 26202	2438, 2447, 2815,
. . 22256, 22287,	\seq . . . . . 19004,	2818, 3220, 3229,
22290, 23017,	19005, 20128, 20131	3237, 3606, 3854,
23048, 23051,	\set@color 9855, 9860,	3873, 4039, 4318,
23782, 23813, 23816	9868, 9874, 9882,	4764, 7664, 7720,
\scr@trim@spaces . 25023	9889, 9894, 16285,	7723, 7764, 7767,
\scr@tso@figure@pagenumberformat	25964, 25968, 26064	7808, 7811, 8870,
. . . . . 25499	\set@split@topskip@to	8881, 9087, 9101,
\scr@tso@table@pagenumberformat	. . . . . 10218, 10476	9727, 9754, 9759,
. . . . . 25505	\set@typeset@protect	9791, 9826, 9855,
\scr@v@is@ge . . . . .	. . . . . 15768,	10010, 10011,
. 21735, 22474, 23247	15772, 24082,	10015, 10018,
\scr@v@is@gt 22814, 22836	26384, 26770, 26772	10028, 10032,
\scr@v@is@le . . 22829,	\SetatBoolean . . . . . 5254	10035, 10039,
22832, 23598, 23601	\setbaselineskip . . 5641	10049, 10052,
\scriptsize . . . . 1613,	\setbeamerfont 1613, 1700	10053, 10067,
1700, 3188, 8392		10084, 10100,



10112,	10115,	13762,	13775,	18594,	18599,
10116,	10130,	13789,	13896,	18602,	18611,
10143,	10159,	13938,	13965,	18661,	18693,
10184,	10185,	13994,	14023,	18699,	19473,
10189,	10221,	14047,	14061,	19476,	19477,
10222,	10224,	14074,	14088,	19499,	19504,
10225,	10228,	14195,	14237,	19514,	19532,
10229,	10257,	14264,	14293,	19537,	19573,
10263,	10266,	14322,	14346,	19576,	19577,
10274,	10312,	14360,	14373,	19599,	19604,
10313,	10343,	14387,	14494,	19614,	19632,
10363,	10400,	14536,	14563,	19637,	19668,
10411,	10424,	14592,	14621,	19749,	19765,
10474,	10698,	14645,	14659,	20267,	20281,
10706,	10707,	14672,	14686,	20284,	20303,
10711,	10719,	14721,	14722,	20304,	20310,
10727,	10728,	14729,	14739,	20311,	20322,
10732,	10747,	14742,	14744,	20324,	20326,
10750,	10755,	14746,	14979,	20328,	20331,
10759,	10767,	14991,	15010,	20333,	20335,
10804,	10807,	15028,	15036,	20337,	20347,
10812,	10816,	15044,	15058,	20349,	20358,
10821,	11723,	15066,	15074,	20360,	20375,
11736,	11748,	15094,	15113,	20377,	20385,
11760,	11773,	15124,	15143,	20387,	20396,
11894,	11896,	15149,	15157,	20477,	20478,
11918,	11920,	15164,	15172,	20508,	20526,
12029,	12032,	15178,	15186,	21680,	21690,
12039,	12114,	15193,	15201,	21701,	21708,
12156,	12183,	15211,	15222,	24023,	24071,
12212,	12241,	15238,	15247,	24112,	24162,
12265,	12279,	15266,	15274,	24232,	25669,
12292,	12306,	15289,	15305,	25672,	25677,
12412,	12452,	15315,	15564,	25681,	25685,
12477,	12505,	15594,	15597,	25689,	25693,
12533,	12556,	15610,	15630,	25697,	25701,
12569,	12581,	15633,	15647,	25705,	25956,
12594,	12700,	15698,	15738,	25964,	26069,
12742,	12769,	15743,	16099,	26121,	26131,
12798,	12827,	16114,	16129,	26161,	26162,
12851,	12865,	16149,	16340,	26346,	26372,
12878,	12892,	16349,	16353,	26471,	26474,
12999,	13041,	16377,	16391,	26475,	26489,
13068,	13097,	16461,	16468,	26518,	26521,
13126,	13150,	16469,	16485,	26522,	26536,
13164,	13177,	16510,	16517,	26565,	26567,
13191,	13298,	16518,	16534,	26581,	26583,
13340,	13367,	16585,	16597,	26594,	26638,
13396,	13425,	16631,	16633,	26641,	26682,
13449,	13463,	16644,	16669,	26685,	26713,
13476,	13490,	16694,	16703,	26727,	26745, 26811
13597,	13639,	16710,	16711,	\setcaptionfont ... 7212	
13666,	13695,	16756,	16757,	\setchapterpreamble	
13724,	13748,	18526,	18535,	..... 22848, 23613	



<code>\setcitationfont</code> .. 7847	4797, 4799, 4800,	24330, 24699,
<code>\setcounter</code> .... 436,	4802, 4803, 4805,	24703, 24704,
471, 746, 778, 822,	4806, 4808, 4809,	24706, 24707,
998, 1030, 1074,	4811, 4812, 4813,	24709, 24710,
1248, 1280, 1324,	4818, 4819, 4857,	24712, 24713,
4405, 7920, 7939,	4858, 4860, 4861,	24715, 24716,
7958, 7990, 8240,	4862, 4863, 4921,	24876, 24988,
8752, 9030, 9245,	4930, 4931, 4934,	25415, 26270, 26273
9277, 9422, 9454,	4936, 4939, 4940,	<code>\setLR</code> ..... 20484, 26170
9541, 9576, 11302,	4942, 4945, 5011,	<code>\setLTR</code> ..... 20445,
11335, 11397,	5021, 5022, 5023,	20446, 20459,
11432, 15469,	7157, 7184, 7185,	20484, 20485,
15502, 15798,	7186, 7187, 7208,	26138, 26139,
17920, 17921,	7214, 7215, 7248,	26152, 26170, 26171
19345, 20049,	7251, 7255, 7301,	<code>\setLTRbibitems</code> .. 26205
20070, 20817,	7353, 7354, 7855,	<code>\setLTRcitationfont</code> 7848
20849, 20893,	7856, 7857, 7858,	<code>\setLTRmarginnotefont</code>
20956, 20988,	7864, 8106, 8399,	..... 7845
21034, 21238,	8400, 8401, 8402,	<code>\setLTRmarginpar</code> . 26748
21278, 21425,	8403, 8404, 8405,	<code>\setLTRsidenotefont</code> 7842
21460, 21825,	8406, 8408, 8409,	<code>\setLTRtable</code> ..... 3981
22038, 22111,	8411, 8414, 8415,	<code>\setmarginnotefont</code> 7844
22565, 22778,	8416, 8417, 8634,	<code>\setnonlatin</code> ..... 3976
22872, 23338,	8635, 9153, 9175,	<code>\setparsizes</code> .....
23551, 23637, 24675	9330, 9352, 9616,	. 21882, 22622, 23395
<code>\setdefaultbibitems</code>	9631, 9902, 10641,	<code>\setRL</code> ..... 20483, 26169
..... 26206	10645, 10647,	<code>\setRTL</code> . 20444, 20447,
<code>\setdefaultmarginpar</code>	10650, 11058,	20459, 20483,
..... 26749	11203, 11218,	25791, 25831,
<code>\setDefaults</code> ..... 16872	11856, 11859,	25865, 26137,
<code>\setfloatalignment</code> 7292	11873, 15375,	26140, 26152, 26169
<code>\setfootnoteLR</code> ... 16030	15389, 16147,	<code>\setRTLbibitems</code> .. 26204
<code>\setfootnoteRL</code> ... 16028	16688, 16796,	<code>\setRTLcitationfont</code> 7849
<code>\setkeys</code> .. 1752, 1753,	16797, 16803,	<code>\setRTLmain</code> ..... 4290
1847, 1852, 1854,	16804, 16806,	<code>\setRTLmarginnotefont</code>
1856, 1935, 2101,	16807, 16876,	..... 7846
2125, 2126, 2260,	16877, 16889,	<code>\setRTLmarginpar</code> . 26747
2286, 2312, 2337,	16893, 16895,	<code>\setRTLsidenotefont</code> 7843
4069, 9718, 9735,	16897, 16901,	<code>\setRTLtable</code> ..... 3980
11076, 11082,	16903, 17926,	<code>\setsidenotefont</code> .. 7841
11084, 16702,	17927, 17928,	<code>\setSingleSpace</code> ...
16746, 16874,	17929, 17967,	..... 11802, 11807
17933, 17971,	17974, 17975,	<code>\setspace@singlespace</code>
20090, 20154,	17976, 17988,	... 8051, 8069, 8087
21599, 21644, 25849	17989, 18012,	<code>\setthesection</code> ... 19362
<code>\setlatin</code> ..... 3975	18017, 18020,	<code>\settodepth</code> ..... 20085
<code>\setlength</code> .... 511,	18578, 20089,	<code>\settoheight</code> 11055, 20086
528, 664, 688,	20729, 20751,	<code>\settowidth</code> ..... 89,
890, 908, 945,	21101, 21123,	292, 575, 710, 973,
946, 947, 948, 949,	21330, 21500,	1223, 2519, 3266,
1147, 1172, 3073,	21515, 21767,	3270, 3273, 4925,
3088, 3133, 3388,	22506, 23279,	9200, 9388, 9697,
4589, 4590, 4591,	24278, 24279,	10643, 11100,
4793, 4794, 4796,	24327, 24328,	11259, 11530,



15434, 17812,	\sideways . . . . . 21706	20703, 20808,
18014, 20088,	\SixColumnFootnotes	20945, 21153,
20781, 21175,	. . . . . 13250	21205, 21402,
21369, 21572,	\sixcolumnfootnotes	21857, 22597, 23370
22104, 22182,	. . . . . 13225	\smallcaps 8735, 8736, 8737
22865, 22943,	\sxt@@n . . . . . 4731, 4753	\smallskip . . . . .
23630, 23708,	\size@chapter . . . . 20559	. . . 19903, 19908,
24358, 25634, 25636	\skip . . . . . 4018, 4305,	19915, 19924,
\setupL@lbox 17966, 17973	8958, 8959, 10752,	19935, 19940,
\Setversedim . . . . .	10809, 11889,	19945, 19952,
. . . 8765, 8769, 8795	11913, 11996,	19959, 19966, 20556
\SetWatermarkText 10973	12013, 12018,	\smallskipamount . .
\SevenColumnFootnotes	12024, 12026,	. . . 3002, 3014, 3026
. . . . . 13549	14755, 15280,	\smash . . . . . 7409,
\sevendcolumnfootnotes	15293, 15332,	7414, 7425, 7426,
. . . . . 13524	15340, 16165,	7429, 7430, 7637,
\sf@size . . . . . 17843	16451, 16452,	10701, 10722,
\sfcode 93, 296, 586, 718,	16463, 16465,	16278, 18048,
981, 1231, 2533,	16512, 16514,	20481, 26165, 26167
9208, 9396, 9708,	16568, 16573,	\SOUL@apo . . . . . 24017
11267, 11541,	16636, 16647,	\SOUL@comma . . . . . 24016
15442, 17816,	16654, 16688,	\SOUL@do . . . . . 24019
19982, 20789,	19882, 20465,	\SOUL@eventuallyxehyphen
21183, 21380,	20471, 26570,	. . . . . 24006
21583, 22121,	26586, 26597, 26605	\SOUL@grave . . . . . 24018
22882, 23647, 24369	\skip@ . . . . . 311, 312	\SOUL@ignorespacesfalse
\sh@wgridXunit . . . 20497	\slideentry . . . . . 2551	. . . . . 24010
\sh@wgridYunit . . . 20497	\sloppy . . . . . 42,	\SOUL@lasttoken . . 24013
\shadowbox . . . . . 11172	56, 72, 92, 245,	\SOUL@lowerthan . . 24003
\shadowsize . . . 11182,	259, 274, 295, 582,	\SOUL@minus . . . . . 24015
11186, 11187,	717, 980, 1230,	\SOUL@postamble . . 24020
11190, 11191, 11194	2529, 5030, 9207,	\SOUL@preamble . . . 24012
\shipout . . . . . 15768,	9395, 9704, 11266,	\SOUL@soeventuallyskip
16608, 16618, 26769	11537, 15441,	. . . . . 24007
\shortauthors . . . . .	16446, 17815,	\SOUL@spaceskip . . 24008
. . . 115, 116, 121,	18678, 19981,	\SOUL@start . . . . . 24001
17875, 17876, 17881	20639, 20788,	\SOUL@ulcolor . 24032,
\shortcite . . . . . 19984	21182, 21376,	24038, 24044, 24052
\shorttitle . . . . .	21579, 22120,	\SOUL@uldp . . . . . 24044
. . . 114, 115, 121,	22881, 23646, 24365	\SOUL@uleveryspace 24046
17874, 17875, 17881	\slshape . . . . . 655,	\SOUL@ulht . . . . . 24044
\showbox . . . . . 16414	883, 1138, 4977,	\SOUL@ulleaders . . .
\showgridp@s . . . . 20496	9144, 9321, 10543,	. 24032, 24038, 24054
\showoutput . . . . . 16414	10544, 10634,	\SOUL@uloverlap . . 24025
\sidebarheight . . . .	10635, 10637,	\SOUL@ulunderline 24022
. . . . 1989, 1997,	20720, 21092, 21306	\SOUL@word . . . . . 24014
2007, 2020, 2026, 2036	\small 413, 638, 737, 944,	\soulomit . . . . . 24005
\sidecaptionsep 23995,	989, 1197, 1239,	\space . . . . . 3913,
23996, 26974,	4431, 4891, 4981,	3928, 3992, 3995,
26978, 26983,	4986, 5016, 8381,	3998, 4256, 4335,
26985, 26989, 26991	8382, 8447, 8455,	4338, 4341, 5824,
\sidenote . . . . . 7917,	8460, 8479, 9236,	5970, 6084, 6098,
7971, 8009, 8104, 8195	9413, 9518, 11281,	6112, 6122, 6805,
\sidenotes . . . . . 8014	11374, 15448,	6992, 6994, 7005,



7007, 7010, 7473, 7478, 7479, 7612, 7613, 9472, 9667, 10238, 10240, 10262, 10264, 11499, 15404, 16314, 16322, 16323, 16347, 16355, 17951, 17983, 17984, 19049, 19755, 19757, 19758, 19759, 19760, 20504, 21550, 21593, 21636, 21763, 21936, 21943, 21965, 21971, 21978, 22126, 22502, 22676, 22683, 22705, 22711, 22718, 22887, 23275, 23449, 23456, 23478, 23484, 23491, 23652, 24182, 24184, 24241, 25116, 25118, 25753, 26436, 26718	\spacefactor ... 8030, 8035, 8041, 8044 \spaceskip . 24050, 24055 \special ..... 4040, 4214, 4223, 4319, 4345, 4394, 20478, 20536, 20538, 20541, 20543, 20547, 20549, 24238, 24239, 24243, 24244, 24246, 26162 \spinemargin .. 10986, 10988, 10992, 10996 \split@prev ..... . 15987, 15995, 16000 \splitbotmark .... 16351 \splitfirstmark ... .. 10056, 10119, 15600, 15636, 16350, 16472, 16521, 19480, 19580, 26478, 26525 \SplitFootnoteRule ..... 4111, 15986	\splitfootnoterule ..... 15990, 15998 \splitmaxdepth .... .. 40, 54, 70, 243, 257, 272, 10050, 10113, 11878, 15595, 15631, 16042, 16059, 16075, 16466, 16515, 19474, 19574, 26472, 26519 \splittopskip ... 40, 54, 70, 243, 257, 272, 11877, 12030, 12033, 12322, 12323, 12328, 12329, 12333, 12334, 12338, 12339, 12609, 12610, 12615, 12616, 12620, 12621, 12625, 12626, 12908, 12909, 12914, 12915, 12919, 12920, 12924, 12925, 13207, 13208, 13213, 13214, 13218, 13219, 13223, 13224, 13506, 13507, 13512, 13513, 13517, 13518, 13522, 13523, 13805, 13806, 13811, 13812, 13816, 13817, 13821, 13822, 14104, 14105, 14110, 14111, 14115, 14116, 14120, 14121, 14403, 14404, 14409, 14410, 14414, 14415, 14419, 14420, 14702, 14703, 14708, 14709, 14713, 14714, 14718, 14719, 16041, 16058, 16074, 16345, 16346, 20277 \stepcounter ... 2264,	2290, 2316, 6140, 6146, 6154, 6160, 7928, 7947, 7966, 7998, 8118, 8147, 8176, 8928, 15797, 15868, 15938, 16008, 16017, 17539, 18493, 20044, 20048, 20065, 20069, 21590, 21633, 22157, 22158, 22918, 22919, 23683, 23684, 26841 \stopbreaks ..... 11560 \str .... 18761, 18812, 18884, 18902, 18964, 18988, 18993, 19067, 19098, 19111, 19133, 19187, 19219 \stretch ..... 1474, 1477, 9828, 9831 \string 359, 1384, 4138, 4142, 5073, 5109, 5115, 5187, 5189, 5207, 5208, 5211, 5212, 5222, 5223, 5226, 5227, 5230, 5231, 5234, 5235, 5418, 5437, 5465, 5491, 5519, 5545, 5548, 5582, 5585, 5669, 5670, 5676, 5824, 5854, 5875, 5878, 5905, 5907, 5970, 6043, 6090, 6091, 6104, 6105, 6116, 6117, 6128, 6129, 6160, 6174, 6175, 6176, 6177, 6181, 6805, 6814, 6818, 6824, 6835, 6992, 6994, 7005, 7007, 7008, 7009, 7010, 7012, 7612, 7613, 9864, 9867, 9885, 9888, 11935, 16318, 16319, 16320, 16321, 16322, 16444, 16778, 16779, 20649, 20650, 21763, 21936,
---	--	---	---



21937,	21943,	3708, 3710, 3801,	16066,	16075,
21944,	21965,	3803, 3805, 4506,	16082,	16110,
21971,	21972,	11568,	12204,	16125,
21978,	21979,	12207,	12210,	16140,
22126,	22128,	12497,	12500,	18512,
22134,	22166,	12503,	12790,	18528,
22167,	22175,	12793,	12796,	18565,
22176,	22239,	13089,	13092,	18694,
22240,	22243,	13095,	13388,	22207,
22244,	22502,	13391,	13394,	22303,
22676,	22677,	13687,	13690,	22968,
22683,	22684,	13693,	13986,	22970,
22705,	22711,	13989,	13992,	23064,
22712,	22718,	14285,	14288,	23733,
22719,	22887,	14291,	14584,	23735,
22889,	22895,	14587,	14590,	23829,
22927,	22928,	15084,	15088,	24072,
22936,	22937,	15092,	18692,	24073,
23000,	23001,	22226,	22255,	24108, 26373, 26374
23004,	23005,	22267,	22278,	\subfig@oldlabel ..
23275,	23449,	22287,	22987,	..... 7343, 7345
23450,	23456,	23016,	23028,	\subfigure ... 7342, 7349
23457,	23478,	23039,	23048,	\subitem .....
23484,	23485,	23752,	23781,	108, 228, 8490, 17832
23491,	23492,	23793,	23804,	\subjclass ..... 324
23652,	23654,	23813, 24289, 24294		\subject .....
23660,	23692,			. 22062, 22802, 23575
23693,	23701,	\strutbox 40, 54, 70, 243,		\subparagraph .....
23702,	23765,	257, 272, 385, 389,		... 8292, 8293, 8296
23766,	23769,	2158, 2175, 2192,		\subsection .....
23770,	24208,	2208, 2224, 2240,		... 4956, 8263, 8279
25752,	26009,	10319,	11632,	\subsectioncolour .
26056, 26436, 26456		11638,	11644,	... 4882, 10508,
\strip@prefix . 5875, 5888		11878,	12322,	10516, 10523,
\strip@pt ..... 2394,		12328,	12333,	10530, 10537,
5329, 5642, 10922,		12338,	12609,	10607, 10613,
10925, 10930,		12615,	12620,	10619, 10625, 10631
10933, 14793,		12625,	12908,	\subsectionfont 4890,
14846, 14898, 14949		12914,	12919,	4898, 10546, 10639
\stripsep 10101, 10160,		12924,	13207,	\subsectionstyle ..
10176, 10183,		13213,	13218,	..... 4898, 4957
10403, 10415,		13223,	13506,	\subsubitem .....
10429, 19508,		13512,	13517,	109, 229, 8491, 17833
19510, 19517,		13522,	13805,	\subsubsection ....
19608, 19610,		13811,	13816,	... 8283, 8284, 8287
19617, 19679,		13821,	14104,	\subtable ..... 7349
19682, 19684, 19691		14110,	14115,	\supereject ..... 4359
\strut . 46, 60, 76, 249,		14120,	14403,	\symbol ..... 4519, 4529
263, 278, 2963,		14409,	14414,	\sys ..... 18982
3288, 3292, 3298,		14419,	14702,	
3301, 3310, 3312,		14708,	14713,	T
3317, 3318, 3320,		14718,	14800,	\t@cb@bchapsec ... 24350
3321, 3463, 3465,		14853,	14905,	\tabcaption . 16925, 16943
3610, 3612, 3706,		14956,	16042,	\tabcolsep 379, 1356,
		16049,	16059,	18523, 21070, 26176
				\tablinesep ..... 24105
				\tabskip .. 395, 8938,
				18537, 18538,
				24078, 24116, 26379
				\tabular ..... 24177



<code>\tabularnewline</code> 404, 18507, 24080, 26381	<code>\textwidth</code> .... 1752, 1847, 1904, 1905, 1920, 1921, 1994, 2017, 2024, 2066, 2067, 2068, 2108, 2112, 2116, 2148, 2165, 2182, 2891, 2898, 2915, 2921, 2927, 3074, 3077, 3079, 3200, 3217, 3219, 3223, 3227, 3232, 3235, 3240, 3243, 3602, 4027, 4033, 4378, 4830, 4921, 4930, 4931, 4943, 4945, 7251, 7255, 7354, 7655, 7656, 8796, 10068, 10076, 10131, 10324, 10364, 10374, 10554, 10569, 10641, 10650, 10764, 10985, 10995, 11001, 11031, 15610, 15616, 15648, 15738, 15743, 16152, 16486, 16535, 16543, 16824, 16827, 16832, 16838, 18666, 19538, 19546, 19638, 19669, 19829, 19864, 19865, 19868, 19869, 19872, 19873, 19877, 19880, 21841, 21851, 21884, 21924, 21928, 22581, 22591, 22624, 22664, 22668, 23354, 23364, 23397, 23437, 23441, 26490, 26498, 26537, 26815, 26831	15968, 19879, 20811, 20948, 21208, 21405, 21860, 22600, 23373 <code>\textwidthfootnoterule</code> ..... 4113, 10692, 11620, 15966, 16681, 26868 <code>\TeXeTOff</code> . 20393, 26067 <code>\TeXeTOn</code> .... 20392, 20394, 26066, 26068 <code>\TeXeTstate</code> .. 20392, 20393, 26066, 26067 <code>\TF@conlab</code> ..... . 16274, 16276, 16283 <code>\TF@savcolor</code> 16280, 16285 <code>\TF@Title</code> ..... 16283 <code>\thanklessauthor</code> 8544, 8577, 8580, 8617 <code>\thanklesspublisher</code> ..... 8545, 8604, 8607, 8621 <code>\thanklesstitle</code> 8543, 8560, 8563, 8619 <code>\thanks</code> ..... 323, 417, 437, 472, 491, 741, 753, 779, 790, 791, 800, 823, 840, 993, 1005, 1031, 1042, 1043, 1052, 1075, 1092, 1243, 1255, 1281, 1292, 1293, 1302, 1325, 1343, 4406, 8543, 8544, 8545, 8546, 8549, 8556, 8557, 8573, 8574, 8589, 8590, 8601, 9240, 9252, 9278, 9417, 9429, 9455, 9522, 9542, 9577, 9596, 11285, 11303, 11336, 11353, 11378, 11398, 11433, 11452, 15452, 15470, 15503, 15520, 19315, 20812, 20824, 20850, 20861, 20862, 20871, 20894, 20911, 20949, 20963, 20989, 21002, 21003,
<code>\tabularx</code> ..... 24168 <code>\tabularxcolumn</code> .. 24130 <code>\tagform@</code> ..... 336 <code>\tamark</code> ..... 19328 <code>\tcb@icolorbox</code> .. 24266 <code>\tcb@vbox</code> ..... 24253 <code>\tcd</code> .. 20274, 20281, 20282 <code>\tcdsav</code> ..... 20274 <code>\tcl</code> .. 20298, 20299, 20305 <code>\tcn</code> 20282, 20283, 20305, 20306, 20307, 20308 <code>\Telefon</code> ..... 4871 <code>\TenColumnFootnotes</code> ..... 14446 <code>\tencolumnfootnotes</code> ..... 14421 <code>\TeX</code> .... 17705, 20460, 20461, 20482, 26153, 26154, 26166 <code>\textbf</code> ..... 4984, 8436, 16291, 16293, 16295, 16297 <code>\textbullet</code> 3155, 4868, 10500, 10564, 10598 <code>\textcolor</code> ... 11171, 11186, 11190, 11193, 16281, 17955 <code>\textdef@</code> ..... 345 <code>\textdir</code> ..... 19227 <code>\textendash</code> . 743, 995, 1058, 1245, 9242, 9419, 20814, 20953 <code>\textheight</code> 4379, 4832, 10084, 10143, 16454, 16876, 21598, 21643, 21843, 21848, 21849, 21850, 22583, 22588, 22589, 22590, 23356, 23361, 23362, 23363, 26840 <code>\textit</code> ..... 24735 <code>\textsf</code> ..... 4055 <code>\textsl</code> .. 7496, 7497, 7498 <code>\textsuperscript</code> .. ... 8043, 11852, 11853, 11854, 21799, 22539, 23312 <code>\texttt</code> ..... 4529, 4593, 4595, 4596, 6163	<code>\textwidth@footnoterule</code> ..... 416, 740, 992, 1242, 9239, 9416, 9521, 11284, 11377, 15451, 15957,	



21012, 21035,  
 21055, 21209,  
 21239, 21279,  
 21297, 21406,  
 21426, 21461,  
 21480, 21861,  
 22040, 22601,  
 22780, 23374, 23553  
 \thankses . . . . . 323  
 \the 124, 125, 1372, 1466,  
 1467, 1469, 1470,  
 1941, 1943, 1949,  
 1951, 2336, 2827,  
 2833, 2835, 2836,  
 2837, 2839, 2840,  
 2841, 2849, 2851,  
 2852, 2853, 2855,  
 2856, 2857, 3183,  
 3284, 3286, 3287,  
 3288, 3290, 3291,  
 3292, 3297, 3298,  
 3300, 3301, 3307,  
 3308, 3310, 3312,  
 3317, 3318, 3320,  
 3321, 3943, 4051,  
 4271, 4330, 4370,  
 4372, 4375, 4377,  
 4662, 4664, 4667,  
 4670, 4675, 4678,  
 4681, 4786, 5122,  
 5124, 5125, 5146,  
 5148, 5149, 5839,  
 6176, 6271, 6326,  
 6354, 6356, 6363,  
 6365, 6367, 6369,  
 6370, 6371, 6382,  
 6389, 6391, 6396,  
 6400, 6401, 6406,  
 6411, 6419, 6422,  
 6426, 6432, 6516,  
 6517, 6518, 6543,  
 7058, 7065, 7094,  
 7885, 7895, 8030,  
 8041, 8847, 8854,  
 8978, 8981, 8984,  
 8988, 8991, 8994,  
 9099, 9714, 9719,  
 9763, 9824, 10055,  
 10057, 10118,  
 10120, 10200,  
 10220, 10226,  
 10230, 10237,  
 10238, 10239,  
 10240, 10241,

10242, 10262,  
 10264, 10273,  
 10277, 10300,  
 10301, 10302,  
 10304, 10305,  
 10306, 10307,  
 10340, 10404,  
 10416, 10428,  
 11891, 11915,  
 14804, 14857,  
 14909, 14960,  
 15230, 15599,  
 15601, 15635,  
 15637, 15866,  
 15881, 15882,  
 15885, 15886,  
 15889, 15942,  
 15946, 16000,  
 16176, 16190,  
 16307, 16314,  
 16318, 16319,  
 16320, 16321,  
 16322, 16323,  
 16331, 16337,  
 16344, 16345,  
 16347, 16352,  
 16354, 16355,  
 16369, 16395,  
 16425, 16426,  
 16427, 16432,  
 16433, 16434,  
 16444, 16471,  
 16473, 16520,  
 16522, 16748,  
 16793, 17326,  
 17334, 17335,  
 17341, 17343,  
 17372, 17373,  
 17379, 17381,  
 17412, 17414,  
 17443, 17445,  
 17474, 17476,  
 17884, 17885,  
 17981, 17983,  
 18027, 18029,  
 18034, 18036,  
 18042, 18044,  
 18049, 18582,  
 18585, 19177,  
 19479, 19481,  
 19492, 19509,  
 19516, 19522,  
 19579, 19581,  
 19592, 19609,

19616, 19622,  
 19692, 19755,  
 19757, 19758,  
 19759, 19760,  
 19761, 19975,  
 20153, 20169,  
 20173, 20176,  
 20201, 20225,  
 20232, 20239,  
 20399, 20400,  
 21606, 21616,  
 21625, 21652,  
 21664, 21674,  
 21831, 21832,  
 21833, 22111,  
 22571, 22572,  
 22573, 22872,  
 23344, 23345,  
 23346, 23637,  
 24101, 24102,  
 24132, 24151,  
 24153, 24177,  
 24182, 24184,  
 24185, 24188,  
 24189, 24192,  
 24195, 24196,  
 24199, 24307,  
 25044, 25114,  
 25117, 25119,  
 25205, 25535,  
 25538, 25539,  
 25541, 25543,  
 25547, 25552,  
 25556, 25567,  
 25568, 25571,  
 25577, 25581,  
 25589, 25590,  
 25627, 25643,  
 25647, 25746,  
 25909, 25921,  
 25926, 25947,  
 25948, 25950,  
 26072, 26073,  
 26217, 26274,  
 26442, 26444,  
 26456, 26477,  
 26479, 26524, 26526  
 \the@cornersize . . .  
 . . . . . 15556, 15557  
 \thealgocf . . . . . 168  
 \theAlgoLine . . . . . 26914  
 \theBackrefHyperFootnoteCounter  
 . . . . . 16210, 16216  
 \thechapter . . . . . 308,



8252, 9223, 9229,	22835, 23604, 26861	\theorempreskipamount
9231, 9233, 9400,	\thefigure . . . . 9230,	. . . . . 20056, 20076
9406, 9408, 9410,	9407, 9652, 11484,	\thepage . . . . .
9472, 9651, 9653,	15541, 15833,	4368, 4373, 5006,
9655, 9656, 9657,	15846, 19365,	7384, 7496, 7497,
9667, 11483,	20800, 21163,	7498, 7507, 7508,
11485, 11487,	21354, 21536,	8723, 8724, 8735,
11488, 11489,	22830, 23599, 24088	8736, 8737, 10441,
11499, 15404,	\thefootdir@label .	10459, 25953, 26718
15534, 15540,	. . 15866, 15869,	\theparagraph . . . 21,
15542, 15544,	15898, 15903,	22, 216, 217, 548,
15832, 15834,	15921, 15924, 15944	549, 702, 703,
15836, 15837,	\thefootnote 453, 745,	956, 957, 1215,
15838, 15845,	804, 997, 1056,	1216, 8273, 9226,
15847, 15849,	1247, 1306, 4397,	9227, 9403, 9404,
15850, 15851,	9244, 9421, 9558,	9660, 9661, 11369,
18193, 19353,	11317, 11414,	11370, 11492,
19362, 19364,	15484, 17226,	11493, 15537,
19365, 19366,	20816, 20875,	15538, 15841,
20016, 20562,	20955, 21016,	15842, 15854,
20793, 20799,	21212, 21255,	15855, 17868,
20801, 20803,	21442, 21864,	17869, 19358,
21158, 21164,	21985, 22604,	19361, 20796,
21166, 21168,	22725, 23377, 23498	20797, 21161,
21353, 21355,	\thefootnotemark . .	21162, 21361,
21357, 21358,	. 21799, 22539, 23312	21362, 21544,
21535, 21537,	\theHchapter . . . . . 20016	21545, 22078,
21539, 21540,	\theHsection 20024, 20026	22080, 22825,
21541, 21550,	\theindex . 98, 218, 17822	22827, 23594, 23596
22815, 22817,	\thelstlisting 18164,	\thepart . . . . . 553,
22830, 22833,	18169, 18192, 18195	561, 11229, 11237
22837, 22839,	\thempfn . . . . .	\ther@tfl@t . . . 21591,
23587, 23599,	2254, 2280, 2306,	21592, 21634, 21635
23602, 23605, 24391	4687, 4695, 4703,	\thesection . . . . . 19,
\thecontentspage 8310,	8119, 8125, 8148,	214, 546, 700,
8317, 8324, 8331, 8338	8154, 8177, 8183,	954, 1213, 8259,
\thedata . 8539, 8547, 8593	8999, 9006, 9013,	9223, 9224, 9400,
\theenumiv 86, 89, 289,	16009, 16014,	9401, 9657, 9658,
292, 581, 716, 979,	16018, 16023,	11367, 11489,
1229, 2527, 5029,	16154, 16180,	11490, 15534,
9206, 9394, 9703,	16185, 16195,	15535, 15838,
11265, 11536,	16200, 17193,	15839, 15851,
15440, 17809,	17204, 17215,	15852, 17866,
17812, 20787,	17345, 17383,	19353, 19355,
21181, 21375,	17416, 17447,	20024, 20026,
21578, 22118,	17478, 17540, 18724	20793, 20794,
22879, 23644, 24364	\thempfootnote . . . .	21158, 21159,
\theequation . . . . .	. . . . . 16154, 18724	21358, 21359,
9228, 9405, 9650,	\theorem@indent 20058,	21541, 21542,
11482, 15539,	20059, 20078, 20079	22074, 22813,
15831, 15844,	\theorem@prework . 20052	22821, 23586, 23590
17894, 19363,	\theorempostskipamount	\thesubparagraph 22,
20798, 21167,	. . . . . 20053, 20073	217, 549, 703,
21352, 21534,		957, 1216, 9227,



9404, 9661, 11370,	\TheTokenList . . . . . 6380	\TitleFont . . . . . 734,
11493, 15538,	\thinlines . . . . . 9914,	750, 841, 843, 849,
15842, 15855,	9924, 9937, 9947,	986, 1002, 1093,
17869, 19360,	9960, 9970, 9983, 9993	1095, 1101, 1236,
20797, 21162,	\thispagestyle . . . . .	1252, 1344, 1346,
21362, 21545,	. . . . . 101, 113,	1352, 1355, 1356,
22079, 22826, 23595	221, 469, 601, 616,	1361, 9249, 9426,
\thesubsection .. 19,	820, 865, 1072,	20805, 20821,
20, 214, 215, 546,	1117, 1322, 8624,	20912, 20914,
547, 700, 701,	8646, 8667, 9123,	20920, 20942,
954, 955, 1213,	9300, 9511, 9574,	20960, 21058,
1214, 8266, 9224,	11333, 11430,	21060, 21066,
9225, 9401, 9402,	11547, 11550,	21069, 21070, 21075
9658, 9659, 11367,	15500, 17825,	\titlefont . . . . .
11368, 11490,	17873, 17897,	. . . 4886, 4894, 10634
11491, 15535,	17900, 19343,	\titleformat ... 8249,
15536, 15839,	20681, 20891,	8256, 8263, 8270
15840, 15852,	20936, 21032,	\titlehead . . . . .
15853, 17866,	21276, 21396,	. . 22061, 22801, 23574
17867, 19354,	21458, 22034,	\titlepage . . . . . 627,
19357, 20794,	22774, 23547, 24423	934, 1186, 9189,
20795, 21159,	\thm@topsepadd 20053,	9377, 20692, 21142
21160, 21359,	20054, 20057,	\titlepage@restore
21360, 21542,	20073, 20074, 20077	. . 21829, 21835,
21543, 22074,	\thr@@ . . 356, 372, 1381,	21855, 21957,
22076, 22821,	1399, 1423, 1432,	21984, 22569,
22823, 23590, 23592	12610, 12616,	22575, 22595,
\thesubsubsection 20,	12621, 12626,	22697, 22724,
21, 215, 216,	24008, 24205, 24225	23342, 23348,
547, 548, 701,	\ThreeColumnFootnotes	23368, 23470, 23497
702, 955, 956,	. . . . . 12365	\titlepagestyle ...
1214, 1215, 9225,	\threecolumnfootnotes	. . 22034, 22774, 23547
9226, 9402, 9403,	. . . . . 12340	\titlespacing . . . . .
9659, 9660, 11368,	\tiny . . . . . 4445, 8021, 8393	. . . 8277, 8278, 8279
11369, 11491,	\title .. 320, 445, 481,	\titlestyle .. 4894, 10665
11492, 15536,	785, 830, 1037,	\tl . . . . . 18744, 18752,
15537, 15840,	1082, 1287, 1332,	18757, 18759,
15841, 15853,	4413, 4908, 4947,	18760, 18761,
15854, 17867,	8538, 8553, 9284,	18762, 18764,
17868, 19356,	9461, 9550, 9586,	18765, 18767,
19359, 20795,	11309, 11343,	18770, 18774,
20796, 21160,	11406, 11442,	18783, 18787,
21161, 21360,	15476, 15510,	18790, 18795,
21361, 21543,	20856, 20901,	18800, 18808,
21544, 22075,	20997, 21044,	18810, 18811,
22078, 22822,	21247, 21288,	18812, 18813,
22825, 23591, 23594	21434, 21470,	18815, 18817,
\thetable . . . . . 9232,	22059, 22799, 23572	18819, 18820,
9409, 9654, 11486,	\TitleBarFrame . . . . .	18822, 18828,
15543, 15835,	. . . 16272, 16291,	18832, 18835,
15848, 19366,	16293, 16295, 16297	18836, 18839,
20802, 21165,	\titlecolour . 4877, 10601	18846, 18851,
21356, 21538,	\titlecontents . 8305,	18859, 18862,
22833, 23602, 24089	8312, 8319, 8326, 8333	18863, 18864,



18865,	18866,	\toclevel@subfigure	\tocstyledepth	25523,
18869,	18875,	..... 24625	25535,	25547,
18876,	18877,	\toclevel@subtable	25567,	25568,
18882,	18884,	\TOCLineLeaderFill	25571,	25589,
18891,	18895,	..... 22372,	25590,	25639,
18900,	18902,	22388, 23134,	25641, 25643, 25647	
18904,	18906,	23151, 23899,	\tocstyleTOC	.....
18925,	18931,	23916, 25165, 25456	.. 25535, 25538,	
18932,	18933,	\tocstyle@@numberline	25539,	25541,
18934,	18935,	..... 25634,	25543,	25547,
18947,	18950,	25636, 25654,	25548,	25550,
18953,	18955,	25656, 25659, 25661	25551,	25555,
18979,	18980,	\tocstyle@activate@all@l	25559,	25560,
18982,	18991,	..... 25747	25563,	25564,
18994,	18995,	\tocstyle@activate@features	25567,	25568,
18996,	18997,	..... 25524	25571,	25573,
18998,	18999,	\tocstyle@dottedtocline	25575,	25576,
19001,	19007,	..... 25511	25580,	25585,
19012,	19015,	\tocstyle@feature@dotohook	25586,	25589,
19016,	19029,	..... 25610	25590,	25639,
19031,	19032,	\tocstyle@feature@entryhook	25641, 25642, 25646	
19033,	19034,	..... 25606	\today	..... 8547
19035,	19036,	\tocstyle@feature@entryvskip	\toks	..... 122,
19037,	19046,	..... 25525, 25528	124, 1466, 1467,	
19049,	19053,	\tocstyle@feature@leaders	1469, 1470, 7878,	
19054,	19055,	..... 25608, 25613	7879, 7885, 9824,	
19058,	19072,	\tocstyle@feature@pagenumberbox	16350,	16351,
19078,	19091,	..... 25616, 25619	16352, 17882, 17884	
19096,	19100,	\tocstyle@feature@pagenumberhook	\toks@	..... 121, 125, 4038,
19121,	19129,	..... 25617, 25619	4051, 4317, 4330,	
19130,	19155,	\tocstyle@feature@parfillskip	7090, 7094, 10054,	
19159,	19160,	..... 25596, 25597	10055,	10056,
19161,	19174,	\tocstyle@feature@raggedhook	10057,	10117,
19246,	19247,	..... 25532	10118,	10119,
19255,	19256,	\tocstyle@feature@spaceafternumber	10120,	15598,
19257,	19258,	..... 25633,	15599,	15600,
19268,	19269,	25637, 25658, 25662	15601,	15634,
19270,	19275,	\tocstyle@indentstyle	15635,	15636,
19280,	19282,	..... 25583, 25653	15637,	16470,
19285,	19286,	\tocstyle@l@define	16471,	16472,
19291,	19292,	.. 25670, 25673,	16473,	16519,
19297, 19309, 19310		25678, 25682,	16520,	16521,
\tmpcount	.... 6570, 6596	25686, 25690,	16522,	16745,
\toaddress	. 11556, 17906	25694, 25698,	16748,	16782,
\toc@headstar	24413, 24418	..... 25702, 25706, 25738	16784,	16788,
\tocbasic@DependOnPenaltyAndTOCLevel	..... 25015	\tocstyle@macrochangewarning	16790,	16793,
\tocbasic@SetPenaltyByTOCLevel	..... 25143	..... 25726, 25733	17323,	17326,
\TOCEntryStyleStartInitCode	..... 22355, 22368,	\tocstyle@numberline	17881,	17885,
22386, 23117,		..... 25512, 25631	19478,	19479,
23130, 23149,		\tocstyle@samed@dotdottedtocline	19480,	19481,
23882, 23895, 23914		..... 25728	19578,	19579,
		\tocstyle@samed@numberline	19580,	19581,
		..... 25736	24151,	24171,
			24177,	26476,



26477, 26478,	\traditionalpoem .. 9020	16397, 16398,
26479, 26523,	\traditionalpoem@cr	16401, 16700,
26524, 26525, 26526	... 8898, 8947, 8948	16701, 16711,
\tolerance .....	\traditionalpoem@obeylines	16713, 16714,
.. 12200, 12493,	..... 8828, 9020	16716, 16717,
12786, 13085,	\traditionalpoem@par	16720, 16722,
13384, 13683,	... 8828, 8829, 8947	16723, 16757,
13982, 14281, 14580	\trimb ..... 7880, 7887	16759, 16760,
\toname .... 11556, 17906	\trimc ..... 7889	16762, 16763,
\topheight .....	\trivlist .....	16766, 16768,
.. 20286, 20288,	.. 15689, 20055, 20075	16769, 18031,
20289, 20290,	\ttdefault . 10540, 10632	19765, 19772,
20292, 20298,	\ttfamily .....	19773, 19781,
20300, 20302,	4431, 4516, 4517,	19782, 19787,
20303, 20304,	4519, 4520, 4521,	19788, 19801,
20367, 20368,	4522, 4523, 4524, 4525	19802, 19809,
20369, 20370,	\ttl@a ..... 24312, 24314	19810, 19833,
20374, 20375, 20379	\ttl@b ..... 24307,	19838, 20478,
\topins ..... 20462	24308, 24312, 24314	20479, 21786,
\topmargin .... 4383,	\ttl@beginlongest 24282	21788, 22526,
4831, 11027,	\ttl@calc .. 24277, 24289	22528, 23299,
15782, 21838,	\ttl@changecentercr	23301, 24008,
22578, 23351, 26807	..... 24281	24106, 24204,
\topmark ..... 10054,	\ttl@contentsstretch	24212, 24537,
10063, 10117,	..... 24319	26162, 26163,
10126, 15598,	\ttl@corr .....	26392, 26396, 26398
15607, 15634,	.. 24334, 24335, 24338	\twocolumn .... 462,
15643, 16470,	\ttl@endlongest .. 24297	598, 614, 813,
16479, 16519,	\ttl@filleft 24271, 24300	863, 1065, 1115,
16528, 19478,	\ttl@filright 24272, 24301	1315, 4367, 9121,
19487, 19578,	\ttl@glcmds ..... 24284	9298, 9508, 9567,
19587, 26476,	\ttl@hmode@error . 24283	10440, 11326,
26485, 26523, 26532	\ttl@leaders ..... 24336	11423, 15493,
\topsep 2524, 4571, 4580,	\ttl@lselect 24343, 24346	19334, 20679,
5021, 7177, 8387,	\ttl@makeline 24277, 24332	20884, 20934,
8429, 19375, 19377	\ttl@margin . 24331, 24337	21025, 21269,
\topskip ..... 301,	\ttl@midlongest .. 24296	21393, 21451,
4391, 10218,	\ttl@outnoblock .. 24310	22008, 22014,
16356, 16358,	\ttl@savel@chapter 24345	22017, 22748,
16363, 19381,	\ttl@savel@part .. 24342	22754, 22757,
19672, 24389,	\ttlh@hang ..... 24276	23521, 23527,
24395, 24400,	\turn ..... 21678	23530, 24389,
24407, 24412, 24417	\turnbox ..... 21699	24395, 24400,
\TOTALHEIGHT 24237, 24241	\tw@ ... 355, 363, 1380,	24407, 24412, 24417
\totalheight ..... 16775	1388, 1422, 1426,	\TwoColumnFootnotes
\tovalue .....	1431, 4743, 5670,	..... 12066
6454, 6541, 6549,	12323, 12329,	\twocolumnfootnotes
6580, 6593, 6599, 6600	12334, 12339,	..... 12041
\tracingmacros .... 6569	15561, 15562,	\TX@ ..... 24128,
\traditionalconverses	16349, 16353,	24129, 24157, 24158
... 8785, 8808, 8824	16354, 16368,	\TX@align .. 24181, 24183
\traditionalhalfverses	16372, 16377,	\TX@arith ..... 24143
..... 8774,	16380, 16391,	\TX@ckpt ... 24133, 24179
8778, 8785, 8818	16395, 16396,	\TX@col@width . 24130,



24136, 24141, 24184	1294, 1295, 20863, 20864, 21004, 21005	947, 948, 960, 965, 1059, 1131, 1132, 1134, 1196, 1205, 1211, 9137, 9138, 9140, 9215, 9221, 9314, 9315, 9317, 9368, 9374, 20702, 20713, 20714, 20716, 20767, 20773, 21085, 21086, 21088, 21152, 21190, 21196
\TX@cols . . . . .	\uc@nothanks . . . . .	\unitlength . . . . .
. 24137, 24141, 24185	. . . 753, 790, 791, 800, 1005, 1042, 1043, 1052, 1255, 1292, 1293, 1302, 9252, 9429, 20824, 20861, 20862, 20871, 20963, 21002, 21003, 21012	9914, 9924, 9937, 9947, 9960, 9970, 9983, 9993, 20089
\TX@endtabularx 17312, 17323, 17329, 24126	\uc@tx . . . . . 790, 798, 1042, 1050, 1292, 1300, 20861, 20869, 21002, 21010	\unkern 8042, 10188, 10198
\TX@find@endtabularxa . . . . . 24128, 24129	\uc@ty . . . . . 799, 800, 1051, 1052, 1301, 1302, 20870, 20871, 21011, 21012	\unpenalty . . . . 9749, 10188, 10198, 14726, 14741, 16380
\TX@find@endtabularxb . . . . . 24158	\uncover . . 2157, 2174, 2191, 2207, 2223, 2239	\unrestored@protected@xdef . . . . . 2271, 2297, 2323, 4687, 4695, 4703, 8125, 8154, 8183, 8999, 9006, 9013, 16014, 16023, 16185, 16200, 17193, 17204, 17215, 17226
\TX@find@endtabularxbb . . . . . 24156	\undefined . . . . 6896, 8972, 9026, 9029, 9031	\unsetfootnoteRL . . . . . . . 16029, 16030
\TX@ftn . 24153, 24188, 24190, 24192, 24195, 24197, 24199	\underline . 26351, 26359	\unsetLTR . . 20447, 26140
\TX@ftntext . . . . . 24147	\undertext . . . . . 26359	\unsetRL . . . 20485, 26171
\TX@LTRftntext . . . . . . . . . 24148, 24187	\unexpanded . . . . 5697, 5706, 5707, 5714, 5715, 5728, 5729, 5736, 5737, 5838, 5962, 22165, 22171, 22174, 22180, 22926, 22932, 22935, 22941, 23691, 23697, 23700, 23706	\unsetRTL . . 20446, 26139
\TX@newcol . . . . . 24130	\unhbox . . . 1496, 8853, 9111, 9850, 14723, 14744, 14747, 15211, 15216, 15222, 15227, 15238, 15241, 15247, 15250, 17748, 17753, 17781, 17786, 17798, 17803, 26281, 26402, 26403, 26404, 26405	\unskip . . . . . 46, 60, 76, 249, 263, 278, 336, 1448, 1449, 1450, 2109, 2515, 2536, 7434, 7437, 7440, 7443, 8133, 8162, 8191, 8880, 8891, 9746, 10052, 10115, 10188, 10198, 11992, 14724, 14725, 16163, 16468, 16517, 18651, 18693, 18696, 19476, 19576, 21683, 21693, 21711, 22228, 22989, 23754, 26474, 26521, 26750
\TX@old@table . . . . 24135	\unhcopy 17764, 17769, 24028, 24040, 24116	\untilcondition 6455,
\TX@RTLftntext . . . . . . . . . 24149, 24194	\unhskip . . . . . 6373	
\TX@target . 24136, 24150	\unitindent . . . . 637, 648, 649, 651, 725, 731, 875, 876, 878, 944, 945,	
\TX@trial . . . . . . 24140, 24145, 24161		
\TX@trial@ftn . . . . . . 24164, 24165, 24166		
\TX@typeout@ 24138, 24180		
\TX@verb . . . . . 24131		
\TX@vwarn . . . . . 24167		
\TX@xftntext . . . . . 24147		
\TX@xLTRftntext . . . . . . . . . 24148, 24191		
\TX@xRTLftntext . . . . . . . . . 24149, 24198		
\typeout . . . . . 3942, 3944, 7380, 7382, 7383, 7384, 7386, 7388, 7389, 7390, 15876, 20518, 25535, 25547, 25567, 25568, 25571, 25589, 25590		
U		
\uc@authornothanks . . 762, 791, 796, 1014, 1043, 1048, 1264, 1293, 1298, 9261, 9438, 20833, 20862, 20867, 20972, 21003, 21008		
\uc@ax . . . . . 792, 793, 1044, 1045,		



6469, 6553, 6596	13903, 13939,	10229, 10257,
<code>\unvbox</code> . . . . . 2150,	13966, 14001,	10263, 10267,
2167, 2184, 2198,	14030, 14048,	10275, 10750, 10807
2214, 2230, 2364,	14062, 14075,	<code>\uppercase</code> . . . . 308,
2420, 2433, 2440,	14089, 14202,	770, 790, 1022,
9760, 9761, 10015,	14238, 14265,	1042, 1272, 1292,
10018, 10035,	14300, 14329,	9269, 9446, 20841,
10039, 10052,	14347, 14361,	20861, 20980, 21002
10102, 10115,	14374, 14388,	<code>\uppercasenonmath</code> .
10161, 10186,	14501, 14537,	. . . . . 114, 17874
10201, 10224,	14564, 14599,	<code>\uppermargin</code> . . . . 10999
10228, 10318,	14628, 14646,	<code>\uppertitleback</code> . . .
10347, 10401,	14660, 14673,	. . 21936, 21971,
10412, 10425,	14687, 14721,	22064, 22676,
10475, 10706,	14998, 15037,	22711, 22804,
10709, 10710,	15067, 15101,	23449, 23484, 23577
10727, 10730,	15131, 15150,	<code>\upshape</code> . . 8310, 8317,
10731, 10756,	15165, 15179,	8324, 8331, 8338,
10763, 10768,	15194, 15208,	10541, 10545,
10773, 10813,	15219, 15235,	10546, 10633,
10818, 10822,	15244, 15269,	10638, 10639, 20557
10827, 11724,	15277, 15284,	<code>\urlstyle</code> . . . . . 4850
11737, 11749,	15291, 15297,	<code>\use</code> . . . . . 18875
11761, 11774,	15335, 16100,	<code>\usebeamercolor</code> 1530,
11866, 11897,	16115, 16130,	1566, 1582, 1589,
11921, 11999,	16168, 16173,	1596, 1619, 1640,
12004, 12040,	16343, 16353,	1661, 1692, 1755,
12121, 12157,	16380, 16468,	1760, 1770, 1831,
12184, 12219,	16517, 16589,	1863, 1866, 1911,
12248, 12266,	16591, 16635,	1998, 2027, 2458,
12280, 12293,	16640, 16646,	2467, 2480, 2489,
12307, 12419,	16650, 16657,	2503, 2580, 2587,
12453, 12478,	16673, 18594,	2592, 2747, 2845,
12512, 12540,	18599, 18608,	2884, 2894, 2900,
12557, 12570,	18611, 18699,	2963, 2968, 2969,
12582, 12595,	18717, 19476,	2975, 2981, 2987,
12707, 12743,	19505, 19507,	2996, 2998, 3008,
12770, 12805,	19515, 19533,	3010, 3020, 3022,
12834, 12852,	19535, 19576,	3057, 3063, 3140,
12866, 12879,	19605, 19607,	3146, 3152, 3189,
12893, 13006,	19615, 19633,	3203, 3210, 3350,
13042, 13069,	19635, 19690,	3451, 3463, 3465,
13104, 13133,	20324, 20328,	3486, 3533, 3540,
13151, 13165,	20333, 20337,	3549, 3573, 3610,
13178, 13192,	20349, 20360,	3612, 3627, 3710, 3805
13305, 13341,	20380, 20383,	<code>\usebeamerfont</code> . 1529,
13368, 13403,	20388, 20462,	1544, 1545, 1565,
13432, 13450,	20463, 20467,	1586, 1587, 1595,
13464, 13477,	20472, 26281,	1618, 1639, 1660,
13491, 13604,	26474, 26521,	1691, 1709, 1710,
13640, 13667,	26569, 26574,	1725, 1727, 1734,
13702, 13731,	26585, 26589,	1736, 1743, 1745,
13749, 13763,	26596, 26601, 26608	2456, 2466, 2478,
13776, 13790,	<code>\unvcopy</code> 10187, 10225,	2488, 2501, 2577,



2696, 2697, 2713, 2714, 2715, 2748, 2765, 2771, 2780, 2786, 2795, 2801, 2809, 2893, 2899, 2916, 2922, 2928, 2968, 2969, 2975, 2981, 2987, 2996, 3008, 3020, 3058, 3064, 3118, 3132, 3189, 3203, 3210, 3280, 3339, 3342, 3346, 3351, 3369, 3376, 3428, 3463, 3465, 3529, 3541, 3566, 3573, 3610, 3612, 3685, 3694, 3706, 3710, 3712, 3761, 3770, 3780, 3790, 3801, 3805, 3807, 3843, 3852, 3871	17062, 17064, 17065, 17071, 17072, 17075, 17076, 17080, 17081, 17084, 17085, 17088, 17089, 17092, 17093, 17100, 17102, 17106, 17108, 17113, 17115, 17119, 17121, 17125, 17127, 17131, 17133, 17146, 17148, 18048, 18050, 20085, 20086, 20088, 20095, 20113, 20395, 20396, 26069	22647, 22649, 22692, 22987, 22988, 23019, 23020, 23025, 23030, 23031, 23034, 23041, 23042, 23046, 23052, 23053, 23057, 23121, 23124, 23134, 23140, 23143, 23317, 23324, 23398, 23404, 23407, 23409, 23412, 23420, 23422, 23465, 23752, 23753, 23784, 23785, 23790, 23795, 23796, 23799, 23806, 23807, 23811, 23817, 23818, 23822, 23886, 23889, 23899, 23905, 23908
<code>\usebeamertemplate</code> 1975, 1979, 1990, 1999, 2008, 2021, 2028, 2037, 2070, 2079, 2083, 2091, 2137, 2142, 2459, 2463, 2481, 2484, 2504, 2582, 2584, 2589, 2594, 2750, 3060, 3352, 3550, 3573	<code>\usecounter</code> . . . . . 91, 294, 579, 714, 977, 1227, 2464, 2525, 5027, 8425, 9204, 9392, 9701, 11263, 11534, 15438, 17814, 20785, 21179, 21373, 21576, 22110, 22115, 22871, 22876, 23636, 23641, 24362	<code>\usepackage</code> . . . . 6814, 6815, 6820, 6821, 6824, 6827, 6872, 6873 <code>\usetocbasicnumberline</code> . . . . . 25095
<code>\usebox</code> 4556, 4566, 7275, 7407, 7409, 7414, 7416, 7425, 7426, 7429, 7430, 7637, 11117, 11120, 11128, 11135, 11143, 11150, 11193, 16883, 16887, 16970, 16972, 16976, 16978, 16983, 16985, 16989, 16991, 16995, 16997, 17001, 17003, 17009, 17010, 17013, 17014, 17018, 17019, 17022, 17023, 17026, 17027, 17030, 17031, 17045, 17046, 17048, 17049, 17061,	<code>\usefontofkomafont</code> . . . . . 22196, 22233, 22957, 22994, 23722, 23759 <code>\usekomafont</code> . . . . . . . . 21804, 21811, 21885, 21891, 21894, 21896, 21899, 21907, 21909, 21952, 22226, 22227, 22258, 22259, 22264, 22269, 22270, 22273, 22280, 22281, 22285, 22291, 22292, 22296, 22359, 22362, 22372, 22378, 22380, 22544, 22551, 22625, 22631, 22634, 22636, 22639,	V <code>\vadjust</code> . 8856, 8857, 8864 <code>\valign</code> . . . . 12031, 12034 <code>\value</code> . . . . . 3278, 3279, 7923, 7942, 7961, 7993, 15866, 15881, 15882, 15885, 15886, 15889, 17920, 17921, 17991, 18025, 22157, 22918, 23683, 24132 <code>\var@@leftcolumn@badness</code> . 10226, 10238, 10244 <code>\var@@rightcolumn@badness</code> . 10230, 10240, 10245 <code>\var@@thecol@num</code> . . . . . . . 10170, 10172, 10441, 10459 <code>\vbadness</code> . . . . 10051, 10114, 12030, 12033, 15596, 15632, 15737,



	16467,	16516,		11918,	11920,		15610,	15647,
	19475,	19575,		12120,	12156,		15738,	15743,
	20276,	26473,	26520	12183,	12218,		15768,	15783,
\vbox	.....	306,	398,	12247,	12265,		15808,	16099,
	404,	1416,	1483,	12279,	12292,		16114,	16129,
	1751,	1869,	1983,	12306,	12418,		16149,	16340,
	1989,	1997,	2007,	12452,	12477,		16353,	16377,
	2020,	2026,	2036,	12511,	12539,		16468,	16485,
	2050,	2065,	2087,	12556,	12569,		16517,	16534,
	2145,	2162,	2179,	12581,	12594,		16633,	16644,
	2197,	2213,	2229,	12706,	12742,		16669,	18535,
	2340,	2342,	2360,	12769,	12804,		18594,	18599,
	2364,	2403,	2408,	12833,	12851,		18602,	18607,
	2420,	2433,	2438,	12865,	12878,		18608,	18611,
	2439,	2773,	2788,	12892,	13005,		18661,	18699,
	2803,	2818,	2906,	13041,	13068,		19231,	19381,
	3195,	3215,	3457,	13103,	13132,		19476,	19499,
	3467,	3492,	3512,	13150,	13164,		19504,	19506,
	3514,	3607,	3615,	13177,	13191,		19514,	19532,
	4767,	7664,	7665,	13304,	13340,		19537,	19576,
	7667,	8840,	9754,	13367,	13402,		19599,	19604,
	9759,	9837,	10015,	13431,	13449,		19606,	19614,
	10018,	10035,		13463,	13476,		19632,	19637,
	10039,	10052,		13490,	13603,		19668,	20134,
	10067,	10084,		13639,	13666,		20310,	20311,
	10100,	10115,		13701,	13730,		20324,	20328,
	10130,	10143,		13748,	13762,		20333,	20337,
	10159,	10184,		13775,	13789,		20349,	20360,
	10185,	10224,		13902,	13938,		20375,	20377,
	10225,	10228,		13965,	14000,		20379,	20382,
	10229,	10257,		14029,	14047,		20387,	20424,
	10263,	10266,		14061,	14074,		20431,	20432,
	10274,	10313,		14088,	14201,		20439,	20568,
	10343,	10363,		14237,	14264,		22236,	22997,
	10371,	10376,		14299,	14328,		23762,	24084,
	10383,	10390,		14346,	14360,		24118,	24123,
	10400,	10411,		14373,	14387,		25669,	25672,
	10424,	10474,		14500,	14536,		25677,	25681,
	10480,	10698,		14563,	14598,		25685,	25689,
	10706,	10707,		14627,	14645,		25693,	25697,
	10715,	10719,		14659,	14672,		25701,	25705,
	10727,	10728,		14686,	14721,		26097,	26105,
	10736,	10750,		14979,	14997,		26106,	26114,
	10755,	10759,		15010,	15028,		26271,	26276,
	10762,	10766,		15036,	15044,		26370,	26387,
	10767,	10784,		15058,	15066,		26474,	26489,
	10791,	10807,		15074,	15100,		26521,	26536,
	10812,	10816,		15113,	15130,		26567,	26583,
	10817,	10820,		15143,	15149,		26594,	26728,
	10821,	10836,		15157,	15164,		26769,	26808,
	10843,	11723,		15172,	15178,		26811	
	11736,	11748,		15186,	15193,	\vboxL	.....	20432,
	11760,	11773,		15201,	15266,		21598,	21643,
	11894,	11896,		15274,	15289,	\vboxR	.....	20424,
						\vcenter	398,	1480,
							9834,	



	24118, 26189,	1590, 1599, 1608,	3515, 3530, 3535,
	26278, 26279, 26370	1622, 1631, 1643,	3543, 3551, 3575,
\veqno . . . . .	327, 328	1652, 1664, 1673,	3598, 3607, 3638,
\verb . . . . .	24131	1929, 3225, 3226,	3654, 3670, 3672,
\VerbBox . . .	11174, 11176	3233, 3234, 3241,	3693, 3698, 3705,
\verse@i . . . . .	8870,	3242, 3453, 3489,	3713, 3716, 3742,
	8901, 8907, 8915, 8956	3496, 3500, 3856,	3753, 3783, 3789,
\verse@ii . . . . .		3875, 7666, 7667,	3800, 3810, 3899,
	8881, 8902, 8908,	8839, 8841, 9849,	4782, 8896, 8923,
	8910, 8916, 8918, 8956	10071, 10136,	8959, 8960, 8966,
\versewidth . . . . .		10368, 10387,	9076, 9078, 9135,
	. . . 8833, 8843, 8935	15612, 15653,	9174, 9247, 9256,
\vfil 420, 434, 628, 631,		16491, 16538,	9266, 9312, 9351,
	747, 776, 935, 938,	18526, 18580,	9424, 9433, 9443,
	999, 1028, 1187,	18959, 19221,	9474, 9479, 9483,
	1190, 1249, 1278,	19302, 19509,	9485, 9491, 9495,
	1991, 2009, 2022,	19516, 19541,	9497, 9526, 9529,
	2038, 2344, 2404,	19609, 19616,	9535, 9594, 9600,
	3245, 3458, 3469,	19643, 19672,	9606, 9610, 9630,
	8840, 9190, 9193,	19785, 19796,	9669, 9674, 9682,
	9246, 9275, 9378,	24044, 24072,	10101, 10160,
	9381, 9423, 9452,	24113, 26373,	10321, 10325,
	9525, 9539, 10706,	26493, 26542, 26742	10403, 10406,
	10727, 11286,	\vsize . . . . . 10449,	10415, 10418,
	11300, 11381,	15758, 16305,	10429, 10431,
	11395, 15453,	16356, 18606,	10771, 10825,
	15467, 20468,	18614, 21833,	11243, 11251,
	20693, 20696,	21850, 22573,	11287, 11290,
	20818, 20847,	22590, 23346, 23363	11296, 11351,
	20957, 20986,	\vskip . . . . . 309, 312,	11355, 11361,
	21143, 21146,	421, 424, 430, 489,	11365, 11382,
	21222, 21236,	495, 501, 505, 567,	11385, 11391,
	21409, 21423, 26812	646, 748, 757, 767,	11450, 11456,
\vfill . . . . .	2971, 3546,	838, 842, 848, 852,	11462, 11466,
	4359, 8620, 12031,	873, 1000, 1009,	11501, 11506,
	12034, 15325,	1019, 1090, 1094,	11515, 11891,
	20375, 20380,	1100, 1104, 1129,	11915, 11996,
	20381, 21608,	1250, 1259, 1269,	15230, 15270,
	21623, 21655,	1340, 1345, 1351,	15278, 15280,
	21672, 21888,	1355, 1361, 1364,	15293, 15388,
	21913, 21927,	1723, 1732, 1741,	15406, 15410,
	21951, 22628,	1767, 1813, 1826,	15418, 15454,
	22653, 22667,	1830, 1879, 1881,	15457, 15463,
	22691, 23401,	1883, 1885, 1887,	15518, 15522,
	23426, 23440, 23464	1888, 2763, 2770,	15528, 15532,
\vfuzz 2906, 7891, 7894, 7895		2773, 2778, 2785,	15782, 15786,
\vleftskip .	19349, 19350	2788, 2793, 2800,	15787, 16165,
\voffset . . . . .	4387	2803, 2818, 2994,	16341, 16379,
\voidb@x .	2447, 9727, 9791	3002, 3006, 3014,	16384, 16636,
\vphantom . . . . .	25832	3018, 3026, 3087,	16647, 16654,
\vpic .	20300, 20310, 20311	3170, 3172, 3192,	16674, 18010,
\vrightskip .	19349, 19350	3197, 3215, 3250,	18132, 18145,
\vrule . . . . .	387, 1495,	3252, 3355, 3378,	18553, 18565,
	1569, 1575, 1583,	3416, 3456, 3468,	18714, 19375,



19377,	19380,	23739,	23741,	20385, 26475, 26522
19421,	19430,	23745,	23747,	\vss . . 306, 2000, 2029,
19438,	19507,	23840,	23842,	2444, 3493, 10087,
19508,	19510,	23851,	23853,	10146, 10329,
19517,	19534,	24481,	24500,	10335, 10351,
19607,	19608,	24521,	24538,	10357, 10371,
19610,	19617,	24555,	24572,	10376, 10383,
19634,	19679,	24589,	24607,	10390, 10478,
19691,	19710,	24626,	24646,	10763, 10773,
19722,	19734,	24681,	24870,	10818, 10827,
20275,	20292,	25526,	25710,	15809, 18599,
20313,	20379,	25889,	25893,	18611, 19232,
20465,	20471,	25912,	26293,	20310, 20311,
20711,	20750,	26302,	26311,	20382, 20568, 26281
20819,	20828,	26320,	26408,	\vtop . . 398, 404, 1415,
20838,	20909,	26570,	26586,	1482, 7725, 7769,
20913,	20919,	26597,	26605,	7813, 9760, 9836,
20923,	20958,	26728,	26807,	18517, 24084,
20967,	20977,	26820, 26847, 26855		24118, 24123,
21052,	21059,	\vspace 2890, 2892, 2920,		26277, 26370,
21065,	21069,	2926, 2932, 3041,		26387, 26643, 26687
21075,	21078,	3048, 3069, 3130,		
21083,	21122,	4950, 7268, 7358,		W
21223,	21226,	7366, 7984, 7988,		\waslice 20310, 20328,
21232,	21296,	8050, 8055, 8068,		20333, 20349,
21302,	21307,	8073, 8086, 8091,		20368, 20369, 20378
21310,	21329,	8208, 8217, 8226,		\wbslice . . . . . 20311,
21410,	21413,	8307, 8314, 8321,		20324, 20337,
21419,	21478,	8328, 8335, 8618,		20360, 20367,
21484,	21490,	8662, 8666, 9468,		20369, 20370,
21494,	21514,	9488, 9663, 9677,		20374, 20375,
21552,	21556,	11495, 11510,		20382, 20387, 20388
21564,	21803,	11555, 11557,		\wd . . . . . 1773, 1778,
21810,	21892,	11559, 15401,		1792, 1814, 1891,
21895,	21897,	15413, 17905,		1904, 1920, 1978,
21906,	21908,	17907, 18681,		1982, 2002, 2013,
21910,	21953,	18694, 21547,		2031, 2042, 2082,
22213,	22215,	21559, 24389,		2086, 2358, 2362,
22219,	22221,	24395, 24400,		2406, 2819, 3225,
22313,	22315,	24407, 24412, 24417		3233, 3241, 3855,
22324,	22326,	\vsplit . . . . . 10010,		3874, 4046, 4325,
22543,	22550,	10011, 10028,		8846, 8847, 8907,
22632,	22635,	10032, 10053,		8908, 8910, 8916,
22637,	22646,	10116, 10222,		8956, 9050, 9052,
22648,	22650,	10312, 10477,		9065, 9067, 9858,
22693,	22974,	12039, 15597,		10190, 11187,
22976,	22980,	15633, 16349,		11191, 14731,
22982,	23075,	16469, 16518,		15572, 15699,
23077,	23086,	19477, 19577,		16278, 16396,
23088,	23316,	20281, 20284,		16397, 16720,
23323,	23405,	20303, 20304,		16722, 16766,
23408,	23410,	20322, 20326,		16768, 16889,
23419,	23421,	20331, 20335,		16970, 16972,
23423,	23466,	20347, 20358,		16976, 16978,





24307, 25551,  
 25555, 25576,  
 25580, 25642,  
 25646, 25921,  
 25926, 25947,  
 25948, 25950,  
 25951, 26477,  
 26479, 26524, 26526  
 \XeLaTeX . . . . . 17706,  
 26167, 27052, 27053  
 \XeTeX . . 17705, 20481,  
 26165, 27050, 27051  
 \XeTeXcharclass 4192,  
 4193, 4194, 4195, 4196  
 \XeTeXinterchartokenstate  
 . . . . . 4189  
 \XeTeXinterchartoks 4197  
 \XKV@err . . 2256, 2259,  
 2282, 2285, 2308, 2311  
 \XKV@errx 2262, 2288, 2314  
 \XKV@tkey 2259, 2285, 2311  
 \xm . . . . . 10939,  
 10943, 10957, 10961  
 \xxm . . . . . 10947,  
 10951, 10965, 10969  
 \xyzy . . . . . 7872  
  
**Y**  
 \y . . . . . 10939, 10943,  
 10947, 10951,  
 10956, 10957,  
 10960, 10961,  
 10965, 10966,  
 10969, 10970,  
 17710, 17712,  
 17713, 17716, 17723  
 \year . . . . . 3183  
 \ym . . . . . 10956,  
 10960, 10966, 10970  
 \yym . . . . . 10938,  
 10942, 10948, 10952  
  
**Z**  
 \z@ . . . 12, 24, 46, 60, 76,  
 99, 103, 111, 128,  
 134, 136, 207, 219,  
 223, 249, 263, 278,  
 306, 314, 318, 336,  
 357, 361, 364, 375,  
 390, 395, 401, 402,  
 466, 513, 525, 530,  
 557, 596, 601, 602,  
 612, 616, 617, 646,  
 647, 650, 652, 665,

690, 742, 759, 817,  
 861, 865, 866, 873,  
 874, 877, 880, 892,  
 909, 946, 949, 994,  
 1011, 1057, 1069,  
 1113, 1117, 1118,  
 1129, 1130, 1133,  
 1135, 1148, 1174,  
 1244, 1261, 1319,  
 1356, 1382, 1386,  
 1389, 1402, 1424,  
 1432, 1450, 1460,  
 1462, 1472, 1474,  
 1479, 1493, 1495,  
 1496, 1873, 1875,  
 1876, 1881, 1883,  
 1885, 1887, 1888,  
 1913, 2158, 2175,  
 2192, 2208, 2224,  
 2240, 4039, 4044,  
 4045, 4046, 4048,  
 4318, 4323, 4324,  
 4325, 4327, 4727,  
 4782, 5042, 5052,  
 5057, 5614, 5631,  
 6435, 6445, 7165,  
 7174, 7473, 7706,  
 7710, 7750, 7754,  
 7794, 7798, 8384,  
 8411, 8442, 8454,  
 8632, 8860, 8863,  
 8866, 8907, 8908,  
 8910, 8916, 8930,  
 8934, 8938, 8939,  
 8940, 8941, 8942,  
 8943, 8956, 9030,  
 9042, 9043, 9050,  
 9052, 9065, 9067,  
 9075, 9119, 9123,  
 9124, 9135, 9136,  
 9139, 9141, 9154,  
 9177, 9229, 9231,  
 9233, 9241, 9258,  
 9296, 9300, 9301,  
 9312, 9313, 9316,  
 9318, 9331, 9354,  
 9406, 9408, 9410,  
 9418, 9435, 9469,  
 9489, 9506, 9511,  
 9512, 9571, 9618,  
 9633, 9651, 9653,  
 9655, 9664, 9678,  
 9729, 9730, 9741,  
 9743, 9826, 9828,

9833, 9847, 9849,  
 9850, 9855, 9856,  
 9857, 9858, 9859,  
 9893, 9904, 10022,  
 10190, 10213,  
 10246, 10249,  
 10252, 10260,  
 10271, 10281,  
 10284, 10289,  
 10292, 10296,  
 10323, 10326,  
 10332, 10348,  
 10354, 10408,  
 10420, 10433,  
 10452, 10455,  
 10476, 10704,  
 10725, 10742,  
 10743, 10745,  
 10746, 10754,  
 10776, 10778,  
 10781, 10799,  
 10800, 10802,  
 10803, 10811,  
 10828, 10830,  
 10833, 11156,  
 11178, 11180,  
 11182, 11185,  
 11187, 11189,  
 11191, 11193,  
 11194, 11200,  
 11205, 11219,  
 11233, 11246,  
 11330, 11427,  
 11473, 11483,  
 11485, 11487,  
 11496, 11511,  
 11631, 11637,  
 11643, 11817,  
 11822, 11829,  
 11834, 11841,  
 11846, 12007,  
 12008, 12009,  
 12199, 12492,  
 12785, 13084,  
 13383, 13682,  
 13981, 14280,  
 14579, 14730,  
 14801, 14854,  
 14906, 14957,  
 15082, 15086,  
 15090, 15253,  
 15254, 15255,  
 15330, 15376,  
 15391, 15402,



15414,	15497,	19589,	19593,	21708,	21712,
15540,	15542,	19603,	19661,	21713,	21758,
15544,	15573,	19678,	19687,	21773,	21786,
15724,	15781,	19689,	19710,	21794,	21803,
15809,	15832,	19722,	19734,	21810,	21812,
15834,	15836,	19754,	19765,	21882,	21908,
15845,	15847,	19771,	19970,	21953,	22266,
15849,	15995,	19975,	20016,	22319,	22399,
16049,	16066,	20026,	20084,	22408,	22411,
16082,	16110,	20085,	20086,	22417,	22427,
16125,	16140,	20088,	20090,	22437,	22497,
16154,	16158,	20095,	20113,	22512,	22526,
16234,	16239,	20396,	20440,	22534,	22543,
16246,	16251,	20442,	20477,	22550,	22552,
16258,	16263,	20478,	20479,	22622,	22648,
16346,	16396,	20488,	20489,	22693,	23027,
16403,	16429,	20502,	20526,	23081,	23161,
16430,	16431,	20527,	20537,	23164,	23170,
16452,	16453,	20545,	20568,	23184,	23190,
16619,	16694,	20613,	20614,	23200,	23210,
16695,	16696,	20631,	20677,	23270,	23285,
16703,	16710,	20681,	20682,	23299,	23307,
16711,	16712,	20711,	20712,	23316,	23323,
16713,	16714,	20715,	20717,	23325,	23395,
16716,	16717,	20730,	20753,	23421,	23466,
16719,	16720,	20799,	20801,	23792,	23846,
16722,	16756,	20803,	20813,	23926,	23929,
16757,	16758,	20830,	20888,	23935,	23949,
16759,	16760,	20932,	20936,	23955,	23965,
16762,	16763,	20937,	20952,	23975,	24015,
16765,	16766,	20969,	21029,	24016,	24017,
16768,	16840,	21070,	21083,	24018,	24023,
16846,	17823,	21084,	21087,	24024,	24028,
17827,	17843,	21089,	21102,	24040,	24074,
17847,	17859,	21125,	21164,	24097,	24109,
17871,	17888,	21166,	21168,	24113,	24206,
17984,	18027,	21221,	21264,	24210,	24217,
18034,	18042,	21273,	21300,	24228,	24274,
18056,	18058,	21317,	21332,	24275,	24285,
18098,	18105,	21353,	21355,	24289,	24290,
18110,	18121,	21357,	21391,	24291,	24294,
18193,	18495,	21396,	21397,	24303,	24304,
18497,	18529,	21455,	21502,	24306,	24307,
18535,	18538,	21517,	21535,	24309,	24317,
18543,	18546,	21537,	21539,	24322,	24337,
18580,	18594,	21548,	21560,	24423,	24424,
18598,	18599,	21595,	21596,	24498,	24588,
18602,	18608,	21597,	21640,	24606,	24699,
18651,	18672,	21641,	21642,	24878,	24990,
18674,	18696,	21680,	21684,	25054,	25061,
18725,	19337,	21685,	21690,	25064,	25411,
19340,	19364,	21694,	21695,	25415,	25526,
19489,	19493,	21696,	21701,	25531,	25536,
19503,	19564,	21702,	21703,	25584,	25710,



25896,	25903,	26344,	26345,	26379, 26385, 26805
25904,	25922,	26375,	26386,	\zap@space 6802, 6889, 6925
25938,	25941,	26394,	26399,	\zifrefundefined ..
25950,	25951,	26408,	26624,	..... 15898, 15921
25953,	25957,	26628,	26668,	\zref@extractdefault
25964,	25965,	26672,	26713,	..... 15903, 15924
25966,	25967,	26717,	26720,	\zref@labelbyprops
26062,	26067,	26730,	26731,	..... 15869, 15944
26069,	26117,	26735,	26742,	
26121,	26122,	26779,	26805,	☒
26127,	26131,	26818, 26858, 26859		\ ..... 4195
26132,	26161,	\z@skip .. 4782, 15779,		\ ..... 4195
26162,	26163,	15780,	18672,	
26214,	26215,	18675,	20628,	☒
26216,	26293,	24078,	24083,	\ ..... 4196
26302,	26311,	24116,	24122,	\ ..... 4196
26320,	26324,	26323,	26324,	

